

RECEIVED

AUG 30 2006



Environmental Division

**ANALYTICAL REPORT**

EBA ENG CONSULTANTS LTD  
ATTN: SHIRLEY STANDAFER-PFISTER  
201, 4916 49 STREET  
YELLOWKNIFE NT X1A 2P7

Reported On: 09-AUG-06 04:50 PM

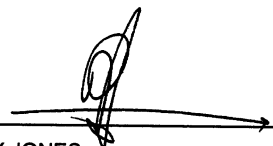
Lab Work Order #: **L409018**

Date Received: **10-JUL-06**

Project P.O. #:  
Job Reference: 1740195  
Legal Site Desc:  
CofC Numbers: 261021

Other Information:

Comments:

  
\_\_\_\_\_  
ROY JONES  
General Manager

For any questions about this report please contact your Account Manager:

**CATHERINE EVARISTO-CORDERO**

THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN AUTHORITY OF THE LABORATORY.  
ALL SAMPLES WILL BE DISPOSED OF AFTER 30 DAYS FOLLOWING ANALYSIS. PLEASE CONTACT THE LAB IF YOU  
REQUIRE ADDITIONAL SAMPLE STORAGE TIME.



# ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

| Lab ID    | Sample ID                               | Test Description | Result | Qual.     | D.L.    | Units | Extracted | Analyzed  | By  |
|-----------|-----------------------------------------|------------------|--------|-----------|---------|-------|-----------|-----------|-----|
| L409018-1 | KNIFE A-1 KNIFE LAKE                    |                  |        |           |         |       |           |           |     |
|           | Sampled By: KL/SSP on 07-JUL-06 @ 14:40 |                  |        |           |         |       |           |           |     |
|           | Matrix: WATER                           |                  |        |           |         |       |           |           |     |
|           | <b>Ultra-Low Metals - Dissolved</b>     |                  |        |           |         |       |           |           |     |
|           | <b>Ultra-Low Metals - Dissolved</b>     |                  |        |           |         |       |           |           |     |
|           | Aluminum (Al)                           | 0.0009           |        |           | 0.0003  | mg/L  |           | 24-JUL-06 | CLL |
|           | Antimony (Sb)                           | 0.00018          |        |           | 0.00003 | mg/L  |           | 24-JUL-06 | CLL |
|           | Arsenic (As)                            | 0.00011          |        |           | 0.00003 | mg/L  |           | 24-JUL-06 | CLL |
|           | Barium (Ba)                             | 0.0415           |        |           | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|           | Beryllium (Be)                          | <0.0002          |        |           | 0.0002  | mg/L  |           | 24-JUL-06 | CLL |
|           | Boron (B)                               | 0.002            |        |           | 0.001   | mg/L  |           | 24-JUL-06 | CLL |
|           | Cadmium (Cd)                            | <0.00005         |        |           | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|           | Calcium (Ca)                            | 15.2             |        |           | 0.02    | mg/L  |           | 24-JUL-06 | CLL |
|           | Chromium (Cr)                           | 0.00020          |        |           | 0.00006 | mg/L  |           | 27-JUL-06 | DEO |
|           | Cobalt (Co)                             | <0.0001          |        |           | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Copper (Cu)                             | 0.0437           |        |           | 0.0006  | mg/L  |           | 24-JUL-06 | CLL |
|           | Lead (Pb)                               | <0.00005         |        |           | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|           | Magnesium (Mg)                          | 9.17             |        |           | 0.004   | mg/L  |           | 24-JUL-06 | CLL |
|           | Manganese (Mn)                          | 0.0002           |        |           | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Mercury (Hg)                            | 0.00003          |        |           | 0.00002 | mg/L  |           | 24-JUL-06 | CLL |
|           | Molybdenum (Mo)                         | <0.00006         |        |           | 0.00006 | mg/L  |           | 24-JUL-06 | CLL |
|           | Nickel (Ni)                             | 0.00010          |        |           | 0.00006 | mg/L  |           | 24-JUL-06 | CLL |
|           | Potassium (K)                           | 0.66             |        |           | 0.02    | mg/L  |           | 24-JUL-06 | CLL |
|           | Selenium (Se)                           | <0.0001          |        |           | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Silver (Ag)                             | <0.0001          |        |           | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Sodium (Na)                             | 0.678            |        |           | 0.005   | mg/L  |           | 24-JUL-06 | CLL |
|           | Strontium (Sr)                          | 0.0154           |        |           | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Uranium (U)                             | 0.00013          |        |           | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|           | Vanadium (V)                            | <0.00005         |        |           | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|           | Zinc (Zn)                               | 0.0023           |        | RRVA<br>P | 0.0008  | mg/L  |           | 24-JUL-06 | CLL |
|           | Iron (Fe)                               | 0.013            |        |           | 0.005   | mg/L  |           | 27-JUL-06 | DDN |
|           | <b>Ultra-Low Metals</b>                 |                  |        |           |         |       |           |           |     |
|           | <b>Ultra-Low Metals</b>                 |                  |        |           |         |       |           |           |     |
|           | Aluminum (Al)                           | 0.0013           |        |           | 0.0003  | mg/L  |           | 21-JUL-06 | CLL |
|           | Antimony (Sb)                           | 0.00016          |        |           | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|           | Arsenic (As)                            | 0.00010          |        |           | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|           | Barium (Ba)                             | 0.0367           |        |           | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|           | Beryllium (Be)                          | <0.0002          |        |           | 0.0002  | mg/L  |           | 21-JUL-06 | CLL |
|           | Boron (B)                               | 0.006            |        |           | 0.001   | mg/L  |           | 21-JUL-06 | CLL |
|           | Cadmium (Cd)                            | <0.00005         |        |           | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|           | Calcium (Ca)                            | 13.4             |        |           | 0.02    | mg/L  |           | 21-JUL-06 | CLL |
|           | Chromium (Cr)                           | 0.00067          |        |           | 0.00006 | mg/L  |           | 21-JUL-06 | CLL |
|           | Cobalt (Co)                             | <0.0001          |        |           | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Copper (Cu)                             | 0.0550           |        |           | 0.0006  | mg/L  |           | 21-JUL-06 | CLL |
|           | Lead (Pb)                               | <0.00005         |        |           | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|           | Magnesium (Mg)                          | 9.22             |        |           | 0.004   | mg/L  |           | 21-JUL-06 | CLL |
|           | Manganese (Mn)                          | 0.0053           |        |           | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Mercury (Hg)                            | <0.00002         |        |           | 0.00002 | mg/L  |           | 21-JUL-06 | CLL |
|           | Molybdenum (Mo)                         | <0.00006         |        |           | 0.00006 | mg/L  |           | 21-JUL-06 | CLL |
|           | Nickel (Ni)                             | 0.00010          |        |           | 0.00006 | mg/L  |           | 21-JUL-06 | CLL |
|           | Potassium (K)                           | 0.61             |        |           | 0.02    | mg/L  |           | 21-JUL-06 | CLL |
|           | Selenium (Se)                           | <0.0001          |        |           | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Silver (Ag)                             | <0.0001          |        |           | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Sodium (Na)                             | 0.645            |        |           | 0.005   | mg/L  |           | 21-JUL-06 | CLL |
|           | Strontium (Sr)                          | 0.0139           |        |           | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Uranium (U)                             | 0.00014          |        |           | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|           | Vanadium (V)                            | <0.00005         |        |           | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |

# ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

| Lab ID    | Sample ID                                      | Test Description | Result   | Qual. | D.L.    | Units | Extracted | Analyzed  | By  |
|-----------|------------------------------------------------|------------------|----------|-------|---------|-------|-----------|-----------|-----|
| L409018-1 | KNIFE A-1 KNIFE LAKE                           |                  |          |       |         |       |           |           |     |
|           | Sampled By: KL/SSP on 07-JUL-06 @ 14:40        |                  |          |       |         |       |           |           |     |
|           | Matrix: WATER                                  |                  |          |       |         |       |           |           |     |
|           | <b>Ultra-Low Metals</b>                        |                  |          |       |         |       |           |           |     |
|           | <b>Ultra-Low Metals</b>                        |                  |          |       |         |       |           |           |     |
|           | Zinc (Zn)                                      |                  | <0.0008  |       | 0.0008  | mg/L  |           | 21-JUL-06 | CLL |
|           | Iron (Fe)                                      |                  | 0.043    |       | 0.005   | mg/L  |           | 27-JUL-06 | DDN |
|           | <b>Routine Water: Major Ions,F,Fe,Mn - Low</b> |                  |          |       |         |       |           |           |     |
|           | <b>Extractable Metals</b>                      |                  |          |       |         |       |           |           |     |
|           | Iron (Fe)-Extractable                          |                  | 0.032    |       | 0.005   | mg/L  |           | 13-JUL-06 | HAS |
|           | Manganese (Mn)-Extractable                     |                  | 0.004    |       | 0.001   | mg/L  |           | 13-JUL-06 | HAS |
|           | <b>ICP metals for routine water</b>            |                  |          |       |         |       |           |           |     |
|           | Calcium (Ca)                                   |                  | 15.6     |       | 0.5     | mg/L  |           | 12-JUL-06 | MLH |
|           | Magnesium (Mg)                                 |                  | 8.9      |       | 0.1     | mg/L  |           | 12-JUL-06 | MLH |
|           | Potassium (K)                                  |                  | 0.7      |       | 0.1     | mg/L  |           | 12-JUL-06 | MLH |
|           | Sodium (Na)                                    |                  | <1       |       | 1       | mg/L  |           | 12-JUL-06 | MLH |
|           | <b>Ion Balance Calculation</b>                 |                  |          |       |         |       |           |           |     |
|           | Hardness (as CaCO3)                            |                  | 76       |       |         | mg/L  |           | 14-JUL-06 |     |
|           | Ion Balance                                    |                  | 92.7     |       |         | %     |           | 14-JUL-06 |     |
|           | TDS (Calculated)                               |                  | 76       |       |         | mg/L  |           | 14-JUL-06 |     |
|           | <b>pH, Conductivity and Total Alkalinity</b>   |                  |          |       |         |       |           |           |     |
|           | Alkalinity, Total (as CaCO3)                   |                  | 77       |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|           | Bicarbonate (HCO3)                             |                  | 94       |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|           | Carbonate (CO3)                                |                  | <5       |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|           | Conductivity (EC)                              |                  | 148      |       | 0.2     | uS/cm |           | 11-JUL-06 | PTT |
|           | Hydroxide (OH)                                 |                  | <5       |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|           | pH                                             |                  | 8.1      |       | 0.1     | pH    |           | 11-JUL-06 | PTT |
|           | Chloride (Cl)                                  |                  | 2        |       | 1       | mg/L  |           | 12-JUL-06 | WYA |
|           | Fluoride (F)                                   |                  | <0.05    |       | 0.05    | mg/L  |           | 11-JUL-06 | PTT |
|           | Nitrate+Nitrite-N                              |                  | 0.458    |       | 0.006   | mg/L  |           | 10-JUL-06 | KMY |
|           | Nitrate-N                                      |                  | 0.458    |       | 0.006   | mg/L  |           | 10-JUL-06 | KMY |
|           | Nitrite-N                                      |                  | <0.002   |       | 0.002   | mg/L  |           | 10-JUL-06 | KMY |
|           | Sulphate (SO4)                                 |                  | 0.95     |       | 0.05    | mg/L  |           | 12-JUL-06 | JWU |
|           | <b>Dissolved Metals</b>                        |                  |          |       |         |       |           |           |     |
|           | Silicon (Si)-Dissolved                         |                  | 0.6      |       | 0.1     | mg/L  |           | 27-JUL-06 | DDN |
|           | <b>Total Metals</b>                            |                  |          |       |         |       |           |           |     |
|           | Silicon (Si)-Total                             |                  | 0.6      |       | 0.1     | mg/L  |           | 27-JUL-06 | DDN |
|           | <b>Ultra-Low Metals</b>                        |                  |          |       |         |       |           |           |     |
|           | Arsenic (As)                                   |                  | 0.00010  |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|           | Bismuth (Bi)                                   |                  | <0.00003 |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|           | Lithium (Li)                                   |                  | <0.0001  |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Mercury (Hg)                                   |                  | <0.00002 |       | 0.00002 | mg/L  |           | 21-JUL-06 | CLL |
|           | Tin (Sn)                                       |                  | 0.0020   |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | <b>Ultra-Low Metals - Dissolved</b>            |                  |          |       |         |       |           |           |     |
|           | Bismuth (Bi)                                   |                  | <0.00003 |       | 0.00003 | mg/L  |           | 24-JUL-06 | CLL |
|           | Lithium (Li)                                   |                  | <0.0001  |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Mercury (Hg)                                   |                  | 0.00003  |       | 0.00002 | mg/L  |           | 24-JUL-06 | CLL |
|           | Tin (Sn)                                       |                  | 0.0040   |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Ammonia-N                                      |                  | <0.005   |       | 0.005   | mg/L  |           | 11-JUL-06 | KMY |
|           | Phosphorus, Total                              |                  | 0.005    |       | 0.001   | mg/L  |           | 17-JUL-06 | SHC |
|           | Total Organic Carbon                           |                  | 5.0      |       | 0.5     | mg/L  |           | 11-JUL-06 | ZOW |
|           | Total Suspended Solids                         |                  | 4        |       | 3       | mg/L  |           | 12-JUL-06 | SVG |
|           | Turbidity                                      |                  | 0.30     |       | 0.1     | NTU   |           | 11-JUL-06 | BOC |

**ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT**

| Lab ID    | Sample ID                               | Test Description | Result | Qual.     | D.L.    | Units | Extracted | Analyzed  | By  |
|-----------|-----------------------------------------|------------------|--------|-----------|---------|-------|-----------|-----------|-----|
| L409018-2 | KNIFE A-1 DUPLICATE KNIFE LAKE          |                  |        |           |         |       |           |           |     |
|           | Sampled By: KL/SSP on 07-JUL-06 @ 17:15 |                  |        |           |         |       |           |           |     |
|           | Matrix: WATER                           |                  |        |           |         |       |           |           |     |
|           | <b>Ultra-Low Metals - Dissolved</b>     |                  |        |           |         |       |           |           |     |
|           | <b>Ultra-Low Metals - Dissolved</b>     |                  |        |           |         |       |           |           |     |
|           | Aluminum (Al)                           | 0.0009           |        |           | 0.0003  | mg/L  |           | 24-JUL-06 | CLL |
|           | Antimony (Sb)                           | 0.00019          |        |           | 0.00003 | mg/L  |           | 24-JUL-06 | CLL |
|           | Arsenic (As)                            | 0.00011          |        |           | 0.00003 | mg/L  |           | 24-JUL-06 | CLL |
|           | Barium (Ba)                             | 0.0414           |        |           | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|           | Beryllium (Be)                          | <0.0002          |        |           | 0.0002  | mg/L  |           | 24-JUL-06 | CLL |
|           | Boron (B)                               | 0.002            |        |           | 0.001   | mg/L  |           | 24-JUL-06 | CLL |
|           | Cadmium (Cd)                            | <0.00005         |        |           | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|           | Calcium (Ca)                            | 15.5             |        |           | 0.02    | mg/L  |           | 24-JUL-06 | CLL |
|           | Chromium (Cr)                           | 0.00020          |        |           | 0.00006 | mg/L  |           | 27-JUL-06 | DEO |
|           | Cobalt (Co)                             | <0.0001          |        |           | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Copper (Cu)                             | 0.0438           |        |           | 0.0006  | mg/L  |           | 24-JUL-06 | CLL |
|           | Lead (Pb)                               | <0.00005         |        |           | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|           | Magnesium (Mg)                          | 9.32             |        |           | 0.004   | mg/L  |           | 24-JUL-06 | CLL |
|           | Manganese (Mn)                          | 0.0002           |        |           | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Mercury (Hg)                            | 0.00003          |        |           | 0.00002 | mg/L  |           | 24-JUL-06 | CLL |
|           | Molybdenum (Mo)                         | <0.00006         |        |           | 0.00006 | mg/L  |           | 24-JUL-06 | CLL |
|           | Nickel (Ni)                             | 0.00010          |        |           | 0.00006 | mg/L  |           | 24-JUL-06 | CLL |
|           | Potassium (K)                           | 0.68             |        |           | 0.02    | mg/L  |           | 24-JUL-06 | CLL |
|           | Selenium (Se)                           | <0.0001          |        |           | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Silver (Ag)                             | <0.0001          |        |           | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Sodium (Na)                             | 0.693            |        |           | 0.005   | mg/L  |           | 24-JUL-06 | CLL |
|           | Strontium (Sr)                          | 0.0156           |        |           | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Uranium (U)                             | 0.00013          |        |           | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|           | Vanadium (V)                            | <0.00005         |        |           | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|           | Zinc (Zn)                               | 0.0023           |        | RRVA<br>P | 0.0008  | mg/L  |           | 24-JUL-06 | CLL |
|           | Iron (Fe)                               | 0.012            |        |           | 0.005   | mg/L  |           | 27-JUL-06 | DDN |
|           | <b>Ultra-Low Metals</b>                 |                  |        |           |         |       |           |           |     |
|           | <b>Ultra-Low Metals</b>                 |                  |        |           |         |       |           |           |     |
|           | Aluminum (Al)                           | 0.0012           |        |           | 0.0003  | mg/L  |           | 21-JUL-06 | CLL |
|           | Antimony (Sb)                           | 0.00015          |        |           | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|           | Arsenic (As)                            | 0.00010          |        |           | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|           | Barium (Ba)                             | 0.0370           |        |           | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|           | Beryllium (Be)                          | <0.0002          |        |           | 0.0002  | mg/L  |           | 21-JUL-06 | CLL |
|           | Boron (B)                               | 0.004            |        |           | 0.001   | mg/L  |           | 21-JUL-06 | CLL |
|           | Cadmium (Cd)                            | <0.00005         |        |           | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|           | Calcium (Ca)                            | 13.4             |        |           | 0.02    | mg/L  |           | 21-JUL-06 | CLL |
|           | Chromium (Cr)                           | 0.00082          |        |           | 0.00006 | mg/L  |           | 21-JUL-06 | CLL |
|           | Cobalt (Co)                             | <0.0001          |        |           | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Copper (Cu)                             | 0.0612           |        |           | 0.0006  | mg/L  |           | 21-JUL-06 | CLL |
|           | Lead (Pb)                               | <0.00005         |        |           | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|           | Magnesium (Mg)                          | 9.47             |        |           | 0.004   | mg/L  |           | 21-JUL-06 | CLL |
|           | Manganese (Mn)                          | 0.0052           |        |           | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Mercury (Hg)                            | <0.00002         |        |           | 0.00002 | mg/L  |           | 21-JUL-06 | CLL |
|           | Molybdenum (Mo)                         | <0.00006         |        |           | 0.00006 | mg/L  |           | 21-JUL-06 | CLL |
|           | Nickel (Ni)                             | 0.00013          |        |           | 0.00006 | mg/L  |           | 21-JUL-06 | CLL |
|           | Potassium (K)                           | 0.62             |        |           | 0.02    | mg/L  |           | 21-JUL-06 | CLL |
|           | Selenium (Se)                           | <0.0001          |        |           | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Silver (Ag)                             | <0.0001          |        |           | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Sodium (Na)                             | 0.654            |        |           | 0.005   | mg/L  |           | 21-JUL-06 | CLL |
|           | Strontium (Sr)                          | 0.0138           |        |           | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Uranium (U)                             | 0.00015          |        |           | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|           | Vanadium (V)                            | <0.00005         |        |           | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |

# ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

| Lab ID                                         | Sample ID                      | Test Description | Result   | Qual. | D.L.    | Units | Extracted | Analyzed  | By  |
|------------------------------------------------|--------------------------------|------------------|----------|-------|---------|-------|-----------|-----------|-----|
| L409018-2                                      | KNIFE A-1 DUPLICATE KNIFE LAKE |                  |          |       |         |       |           |           |     |
| Sampled By: KL/SSP on 07-JUL-06 @ 17:15        |                                |                  |          |       |         |       |           |           |     |
| Matrix: WATER                                  |                                |                  |          |       |         |       |           |           |     |
| <b>Ultra-Low Metals</b>                        |                                |                  |          |       |         |       |           |           |     |
| <b>Ultra-Low Metals</b>                        |                                |                  |          |       |         |       |           |           |     |
| Zinc (Zn)                                      |                                |                  | <0.0008  |       | 0.0008  | mg/L  |           | 21-JUL-06 | CLL |
| Iron (Fe)                                      |                                |                  | 0.042    |       | 0.005   | mg/L  |           | 27-JUL-06 | DDN |
| <b>Routine Water: Major Ions,F,Fe,Mn - Low</b> |                                |                  |          |       |         |       |           |           |     |
| <b>Extractable Metals</b>                      |                                |                  |          |       |         |       |           |           |     |
| Iron (Fe)-Extractable                          |                                |                  | 0.040    |       | 0.005   | mg/L  |           | 13-JUL-06 | HAS |
| Manganese (Mn)-Extractable                     |                                |                  | 0.006    |       | 0.001   | mg/L  |           | 13-JUL-06 | HAS |
| <b>ICP metals for routine water</b>            |                                |                  |          |       |         |       |           |           |     |
| Calcium (Ca)                                   |                                |                  | 15.6     |       | 0.5     | mg/L  |           | 12-JUL-06 | MLH |
| Magnesium (Mg)                                 |                                |                  | 8.9      |       | 0.1     | mg/L  |           | 12-JUL-06 | MLH |
| Potassium (K)                                  |                                |                  | 0.7      |       | 0.1     | mg/L  |           | 12-JUL-06 | MLH |
| Sodium (Na)                                    |                                |                  | <1       |       | 1       | mg/L  |           | 12-JUL-06 | MLH |
| <b>Ion Balance Calculation</b>                 |                                |                  |          |       |         |       |           |           |     |
| Hardness (as CaCO3)                            |                                |                  | 76       |       |         | mg/L  |           | 14-JUL-06 |     |
| Ion Balance                                    |                                |                  | 92.2     |       |         | %     |           | 14-JUL-06 |     |
| TDS (Calculated)                               |                                |                  | 75       |       |         | mg/L  |           | 14-JUL-06 |     |
| <b>pH, Conductivity and Total Alkalinity</b>   |                                |                  |          |       |         |       |           |           |     |
| Alkalinity, Total (as CaCO3)                   |                                |                  | 78       |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
| Bicarbonate (HCO3)                             |                                |                  | 96       |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
| Carbonate (CO3)                                |                                |                  | <5       |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
| Conductivity (EC)                              |                                |                  | 148      |       | 0.2     | uS/cm |           | 11-JUL-06 | PTT |
| Hydroxide (OH)                                 |                                |                  | <5       |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
| pH                                             |                                |                  | 8.2      |       | 0.1     | pH    |           | 11-JUL-06 | PTT |
| Chloride (Cl)                                  |                                |                  | 2        |       | 1       | mg/L  |           | 12-JUL-06 | WYA |
| Fluoride (F)                                   |                                |                  | <0.05    |       | 0.05    | mg/L  |           | 11-JUL-06 | PTT |
| Nitrate+Nitrite-N                              |                                |                  | 0.125    |       | 0.006   | mg/L  |           | 10-JUL-06 | KMY |
| Nitrate-N                                      |                                |                  | 0.125    |       | 0.006   | mg/L  |           | 10-JUL-06 | KMY |
| Nitrite-N                                      |                                |                  | <0.002   |       | 0.002   | mg/L  |           | 10-JUL-06 | KMY |
| Sulphate (SO4)                                 |                                |                  | 0.90     |       | 0.05    | mg/L  |           | 12-JUL-06 | JWU |
| <b>Dissolved Metals</b>                        |                                |                  |          |       |         |       |           |           |     |
| Silicon (Si)-Dissolved                         |                                |                  | 0.6      |       | 0.1     | mg/L  |           | 27-JUL-06 | DDN |
| <b>Total Metals</b>                            |                                |                  |          |       |         |       |           |           |     |
| Silicon (Si)-Total                             |                                |                  | 0.6      |       | 0.1     | mg/L  |           | 27-JUL-06 | DDN |
| <b>Ultra-Low Metals</b>                        |                                |                  |          |       |         |       |           |           |     |
| Arsenic (As)                                   |                                |                  | 0.00010  |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
| Bismuth (Bi)                                   |                                |                  | <0.00003 |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
| Lithium (Li)                                   |                                |                  | <0.0001  |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
| Mercury (Hg)                                   |                                |                  | <0.00002 |       | 0.00002 | mg/L  |           | 21-JUL-06 | CLL |
| Tin (Sn)                                       |                                |                  | 0.0049   |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
| <b>Ultra-Low Metals - Dissolved</b>            |                                |                  |          |       |         |       |           |           |     |
| Bismuth (Bi)                                   |                                |                  | <0.00003 |       | 0.00003 | mg/L  |           | 24-JUL-06 | CLL |
| Lithium (Li)                                   |                                |                  | <0.0001  |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
| Mercury (Hg)                                   |                                |                  | 0.00003  |       | 0.00002 | mg/L  |           | 24-JUL-06 | CLL |
| Tin (Sn)                                       |                                |                  | 0.0040   |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
| Ammonia-N                                      |                                |                  | <0.005   |       | 0.005   | mg/L  |           | 11-JUL-06 | KMY |
| Phosphorus, Total                              |                                |                  | 0.005    |       | 0.001   | mg/L  |           | 17-JUL-06 | SHC |
| Total Organic Carbon                           |                                |                  | 5.0      |       | 0.5     | mg/L  |           | 11-JUL-06 | ZOW |
| Total Suspended Solids                         |                                |                  | 4        |       | 3       | mg/L  |           | 12-JUL-06 | SVG |
| Turbidity                                      |                                |                  | 0.30     |       | 0.1     | NTU   |           | 11-JUL-06 | BOC |

# ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

| Lab ID    | Sample ID                               | Test Description | Result | Qual. | D.L.    | Units | Extracted | Analyzed  | By  |
|-----------|-----------------------------------------|------------------|--------|-------|---------|-------|-----------|-----------|-----|
| L409018-3 | KNIFE B-1 KNIFE LAKE                    |                  |        |       |         |       |           |           |     |
|           | Sampled By: KL/SSP on 07-JUL-06 @ 17:50 |                  |        |       |         |       |           |           |     |
|           | Matrix: WATER                           |                  |        |       |         |       |           |           |     |
|           | <b>Ultra-Low Metals - Dissolved</b>     |                  |        |       |         |       |           |           |     |
|           | <b>Ultra-Low Metals - Dissolved</b>     |                  |        |       |         |       |           |           |     |
|           | Aluminum (Al)                           | 0.0009           |        |       | 0.0003  | mg/L  |           | 24-JUL-06 | CLL |
|           | Antimony (Sb)                           | 0.00021          |        |       | 0.00003 | mg/L  |           | 24-JUL-06 | CLL |
|           | Arsenic (As)                            | 0.00011          |        |       | 0.00003 | mg/L  |           | 24-JUL-06 | CLL |
|           | Barium (Ba)                             | 0.0417           |        |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|           | Beryllium (Be)                          | <0.0002          |        |       | 0.0002  | mg/L  |           | 24-JUL-06 | CLL |
|           | Boron (B)                               | 0.002            |        |       | 0.001   | mg/L  |           | 24-JUL-06 | CLL |
|           | Cadmium (Cd)                            | <0.00005         |        |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|           | Calcium (Ca)                            | 15.7             |        |       | 0.02    | mg/L  |           | 24-JUL-06 | CLL |
|           | Chromium (Cr)                           | 0.00020          |        |       | 0.00006 | mg/L  |           | 27-JUL-06 | DEO |
|           | Cobalt (Co)                             | <0.0001          |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Copper (Cu)                             | 0.0299           |        |       | 0.0006  | mg/L  |           | 24-JUL-06 | CLL |
|           | Lead (Pb)                               | <0.00005         |        |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|           | Magnesium (Mg)                          | 9.48             |        |       | 0.004   | mg/L  |           | 24-JUL-06 | CLL |
|           | Manganese (Mn)                          | 0.0003           |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Mercury (Hg)                            | 0.00006          | RRV    |       | 0.00002 | mg/L  |           | 24-JUL-06 | CLL |
|           | Molybdenum (Mo)                         | <0.00006         |        |       | 0.00006 | mg/L  |           | 24-JUL-06 | CLL |
|           | Nickel (Ni)                             | 0.00010          |        |       | 0.00006 | mg/L  |           | 24-JUL-06 | CLL |
|           | Potassium (K)                           | 0.70             |        |       | 0.02    | mg/L  |           | 24-JUL-06 | CLL |
|           | Selenium (Se)                           | <0.0001          |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Silver (Ag)                             | <0.0001          |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Sodium (Na)                             | 0.706            |        |       | 0.005   | mg/L  |           | 24-JUL-06 | CLL |
|           | Strontium (Sr)                          | 0.0154           |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Uranium (U)                             | 0.00014          |        |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|           | Vanadium (V)                            | <0.00005         |        |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|           | Zinc (Zn)                               | 0.0020           |        |       | 0.0008  | mg/L  |           | 24-JUL-06 | CLL |
|           | Iron (Fe)                               | 0.012            |        |       | 0.005   | mg/L  |           | 27-JUL-06 | DDN |
|           | <b>Ultra-Low Metals</b>                 |                  |        |       |         |       |           |           |     |
|           | <b>Ultra-Low Metals</b>                 |                  |        |       |         |       |           |           |     |
|           | Aluminum (Al)                           | 0.0011           |        |       | 0.0003  | mg/L  |           | 21-JUL-06 | CLL |
|           | Antimony (Sb)                           | 0.00017          |        |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|           | Arsenic (As)                            | 0.00010          |        |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|           | Barium (Ba)                             | 0.0372           |        |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|           | Beryllium (Be)                          | <0.0002          |        |       | 0.0002  | mg/L  |           | 21-JUL-06 | CLL |
|           | Boron (B)                               | 0.003            |        |       | 0.001   | mg/L  |           | 21-JUL-06 | CLL |
|           | Cadmium (Cd)                            | <0.00005         |        |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|           | Calcium (Ca)                            | 13.7             |        |       | 0.02    | mg/L  |           | 21-JUL-06 | CLL |
|           | Chromium (Cr)                           | 0.00074          |        |       | 0.00006 | mg/L  |           | 21-JUL-06 | CLL |
|           | Cobalt (Co)                             | <0.0001          |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Copper (Cu)                             | 0.0316           |        |       | 0.0006  | mg/L  |           | 21-JUL-06 | CLL |
|           | Lead (Pb)                               | <0.00005         |        |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|           | Magnesium (Mg)                          | 9.76             |        |       | 0.004   | mg/L  |           | 21-JUL-06 | CLL |
|           | Manganese (Mn)                          | 0.0054           |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Mercury (Hg)                            | 0.00003          |        |       | 0.00002 | mg/L  |           | 21-JUL-06 | CLL |
|           | Molybdenum (Mo)                         | <0.00006         |        |       | 0.00006 | mg/L  |           | 21-JUL-06 | CLL |
|           | Nickel (Ni)                             | 0.00016          |        |       | 0.00006 | mg/L  |           | 21-JUL-06 | CLL |
|           | Potassium (K)                           | 0.64             |        |       | 0.02    | mg/L  |           | 21-JUL-06 | CLL |
|           | Selenium (Se)                           | <0.0001          |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Silver (Ag)                             | <0.0001          |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Sodium (Na)                             | 0.678            |        |       | 0.005   | mg/L  |           | 21-JUL-06 | CLL |
|           | Strontium (Sr)                          | 0.0141           |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Uranium (U)                             | 0.00015          |        |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|           | Vanadium (V)                            | <0.00005         |        |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|           | Zinc (Zn)                               | <0.0008          |        |       | 0.0008  | mg/L  |           | 21-JUL-06 | CLL |

# ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

| Lab ID    | Sample ID                                      | Test Description            | Result   | Qual. | D.L.    | Units | Extracted | Analyzed  | By  |
|-----------|------------------------------------------------|-----------------------------|----------|-------|---------|-------|-----------|-----------|-----|
| L409018-3 | KNIFE B-1 KNIFE LAKE                           |                             |          |       |         |       |           |           |     |
|           | Sampled By:                                    | KL/SSP on 07-JUL-06 @ 17:50 |          |       |         |       |           |           |     |
|           | Matrix:                                        | WATER                       |          |       |         |       |           |           |     |
|           | <b>Ultra-Low Metals</b>                        |                             |          |       |         |       |           |           |     |
|           | Iron (Fe)                                      |                             | 0.043    |       | 0.005   | mg/L  |           | 27-JUL-06 | DDN |
|           | <b>Routine Water: Major Ions,F,Fe,Mn - Low</b> |                             |          |       |         |       |           |           |     |
|           | <b>Extractable Metals</b>                      |                             |          |       |         |       |           |           |     |
|           | Iron (Fe)-Extractable                          |                             | 0.038    |       | 0.005   | mg/L  |           | 13-JUL-06 | HAS |
|           | Manganese (Mn)-Extractable                     |                             | 0.005    |       | 0.001   | mg/L  |           | 13-JUL-06 | HAS |
|           | <b>ICP metals for routine water</b>            |                             |          |       |         |       |           |           |     |
|           | Calcium (Ca)                                   |                             | 15.7     |       | 0.5     | mg/L  |           | 12-JUL-06 | MLH |
|           | Magnesium (Mg)                                 |                             | 9.0      |       | 0.1     | mg/L  |           | 12-JUL-06 | MLH |
|           | Potassium (K)                                  |                             | 0.7      |       | 0.1     | mg/L  |           | 12-JUL-06 | MLH |
|           | Sodium (Na)                                    |                             | <1       |       | 1       | mg/L  |           | 12-JUL-06 | MLH |
|           | <b>Ion Balance Calculation</b>                 |                             |          |       |         |       |           |           |     |
|           | Hardness (as CaCO3)                            |                             | 76       |       |         | mg/L  |           | 14-JUL-06 |     |
|           | Ion Balance                                    |                             | 93.4     |       |         | %     |           | 14-JUL-06 |     |
|           | TDS (Calculated)                               |                             | 76       |       |         | mg/L  |           | 14-JUL-06 |     |
|           | <b>pH, Conductivity and Total Alkalinity</b>   |                             |          |       |         |       |           |           |     |
|           | Alkalinity, Total (as CaCO3)                   |                             | 79       |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|           | Bicarbonate (HCO3)                             |                             | 96       |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|           | Carbonate (CO3)                                |                             | <5       |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|           | Conductivity (EC)                              |                             | 147      |       | 0.2     | uS/cm |           | 11-JUL-06 | PTT |
|           | Hydroxide (OH)                                 |                             | <5       |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|           | pH                                             |                             | 8.2      |       | 0.1     | pH    |           | 11-JUL-06 | PTT |
|           | Chloride (Cl)                                  |                             | 2        |       | 1       | mg/L  |           | 12-JUL-06 | WYA |
|           | Fluoride (F)                                   |                             | <0.05    |       | 0.05    | mg/L  |           | 11-JUL-06 | PTT |
|           | Nitrate+Nitrite-N                              |                             | 0.042    |       | 0.006   | mg/L  |           | 10-JUL-06 | KMY |
|           | Nitrate-N                                      |                             | 0.042    |       | 0.006   | mg/L  |           | 10-JUL-06 | KMY |
|           | Nitrite-N                                      |                             | <0.002   |       | 0.002   | mg/L  |           | 10-JUL-06 | KMY |
|           | Sulphate (SO4)                                 |                             | 0.89     |       | 0.05    | mg/L  |           | 12-JUL-06 | JWU |
|           | <b>Dissolved Metals</b>                        |                             |          |       |         |       |           |           |     |
|           | Silicon (Si)-Dissolved                         |                             | 0.6      |       | 0.1     | mg/L  |           | 27-JUL-06 | DDN |
|           | <b>Total Metals</b>                            |                             |          |       |         |       |           |           |     |
|           | Silicon (Si)-Total                             |                             | 0.6      |       | 0.1     | mg/L  |           | 27-JUL-06 | DDN |
|           | <b>Ultra-Low Metals</b>                        |                             |          |       |         |       |           |           |     |
|           | Arsenic (As)                                   |                             | 0.00010  |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|           | Bismuth (Bi)                                   |                             | <0.00003 |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|           | Lithium (Li)                                   |                             | <0.0001  |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Mercury (Hg)                                   |                             | 0.00003  |       | 0.00002 | mg/L  |           | 21-JUL-06 | CLL |
|           | Tin (Sn)                                       |                             | 0.0023   |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | <b>Ultra-Low Metals - Dissolved</b>            |                             |          |       |         |       |           |           |     |
|           | Bismuth (Bi)                                   |                             | <0.00003 |       | 0.00003 | mg/L  |           | 24-JUL-06 | CLL |
|           | Lithium (Li)                                   |                             | <0.0001  |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Mercury (Hg)                                   |                             | 0.00006  |       | 0.00002 | mg/L  |           | 24-JUL-06 | CLL |
|           | Tin (Sn)                                       |                             | 0.0031   | RRV   | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Ammonia-N                                      |                             | <0.005   |       | 0.005   | mg/L  |           | 11-JUL-06 | KMY |
|           | Phosphorus, Total                              |                             | 0.004    |       | 0.001   | mg/L  |           | 17-JUL-06 | SHC |
|           | Total Organic Carbon                           |                             | 4.9      |       | 0.5     | mg/L  |           | 11-JUL-06 | ZOW |
|           | Total Suspended Solids                         |                             | <3       |       | 3       | mg/L  |           | 12-JUL-06 | SVG |
|           | Turbidity                                      |                             | 0.30     |       | 0.1     | NTU   |           | 11-JUL-06 | BOC |
| L409018-4 | KNIFE B-1 DUPLICATE KNIFE LAKE                 |                             |          |       |         |       |           |           |     |
|           | Sampled By:                                    | KL/SSP on 07-JUL-06 @ 18:30 |          |       |         |       |           |           |     |
|           | Matrix:                                        | WATER                       |          |       |         |       |           |           |     |

# ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

| Lab ID    | Sample ID                               | Test Description | Result | Qual. | D.L.    | Units | Extracted | Analyzed  | By  |
|-----------|-----------------------------------------|------------------|--------|-------|---------|-------|-----------|-----------|-----|
| L409018-4 | KNIFE B-1 DUPLICATE KNIFE LAKE          |                  |        |       |         |       |           |           |     |
|           | Sampled By: KL/SSP on 07-JUL-06 @ 18:30 |                  |        |       |         |       |           |           |     |
|           | Matrix: WATER                           |                  |        |       |         |       |           |           |     |
|           | <b>Ultra-Low Metals - Dissolved</b>     |                  |        |       |         |       |           |           |     |
|           | <b>Ultra-Low Metals - Dissolved</b>     |                  |        |       |         |       |           |           |     |
|           | Aluminum (Al)                           | 0.0009           |        |       | 0.0003  | mg/L  |           | 24-JUL-06 | CLL |
|           | Antimony (Sb)                           | 0.00020          | RRV    |       | 0.00003 | mg/L  |           | 24-JUL-06 | CLL |
|           | Arsenic (As)                            | 0.00011          |        |       | 0.00003 | mg/L  |           | 24-JUL-06 | CLL |
|           | Barium (Ba)                             | 0.0410           |        |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|           | Beryllium (Be)                          | <0.0002          |        |       | 0.0002  | mg/L  |           | 24-JUL-06 | CLL |
|           | Boron (B)                               | 0.002            |        |       | 0.001   | mg/L  |           | 24-JUL-06 | CLL |
|           | Cadmium (Cd)                            | <0.00005         |        |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|           | Calcium (Ca)                            | 16.0             |        |       | 0.02    | mg/L  |           | 24-JUL-06 | CLL |
|           | Chromium (Cr)                           | 0.00020          |        |       | 0.00006 | mg/L  |           | 27-JUL-06 | DEO |
|           | Cobalt (Co)                             | <0.0001          |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Copper (Cu)                             | 0.0295           | RRV    |       | 0.0006  | mg/L  |           | 24-JUL-06 | CLL |
|           | Lead (Pb)                               | <0.00005         |        |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|           | Magnesium (Mg)                          | 9.58             |        |       | 0.004   | mg/L  |           | 24-JUL-06 | CLL |
|           | Manganese (Mn)                          | 0.0003           |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Mercury (Hg)                            | 0.00006          | RRV    |       | 0.00002 | mg/L  |           | 24-JUL-06 | CLL |
|           | Molybdenum (Mo)                         | <0.00006         |        |       | 0.00006 | mg/L  |           | 24-JUL-06 | CLL |
|           | Nickel (Ni)                             | 0.00011          |        |       | 0.00006 | mg/L  |           | 24-JUL-06 | CLL |
|           | Potassium (K)                           | 0.71             |        |       | 0.02    | mg/L  |           | 24-JUL-06 | CLL |
|           | Selenium (Se)                           | <0.0001          |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Silver (Ag)                             | <0.0001          |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Sodium (Na)                             | 0.710            |        |       | 0.005   | mg/L  |           | 24-JUL-06 | CLL |
|           | Strontium (Sr)                          | 0.0154           |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Uranium (U)                             | 0.00013          |        |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|           | Vanadium (V)                            | <0.00005         |        |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|           | Zinc (Zn)                               | 0.0020           | RRV    |       | 0.0008  | mg/L  |           | 24-JUL-06 | CLL |
|           | Iron (Fe)                               | 0.012            |        |       | 0.005   | mg/L  |           | 27-JUL-06 | DDN |
|           | <b>Ultra-Low Metals</b>                 |                  |        |       |         |       |           |           |     |
|           | <b>Ultra-Low Metals</b>                 |                  |        |       |         |       |           |           |     |
|           | Aluminum (Al)                           | 0.0012           |        |       | 0.0003  | mg/L  |           | 21-JUL-06 | CLL |
|           | Antimony (Sb)                           | 0.00013          |        |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|           | Arsenic (As)                            | 0.00010          |        |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|           | Barium (Ba)                             | 0.0378           |        |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|           | Beryllium (Be)                          | <0.0002          |        |       | 0.0002  | mg/L  |           | 21-JUL-06 | CLL |
|           | Boron (B)                               | 0.003            |        |       | 0.001   | mg/L  |           | 21-JUL-06 | CLL |
|           | Cadmium (Cd)                            | <0.00005         |        |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|           | Calcium (Ca)                            | 14.3             |        |       | 0.02    | mg/L  |           | 21-JUL-06 | CLL |
|           | Chromium (Cr)                           | 0.00068          |        |       | 0.00006 | mg/L  |           | 21-JUL-06 | CLL |
|           | Cobalt (Co)                             | <0.0001          |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Copper (Cu)                             | 0.0011           |        |       | 0.0006  | mg/L  |           | 21-JUL-06 | CLL |
|           | Lead (Pb)                               | <0.00005         |        |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|           | Magnesium (Mg)                          | 9.85             |        |       | 0.004   | mg/L  |           | 21-JUL-06 | CLL |
|           | Manganese (Mn)                          | 0.0055           |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Mercury (Hg)                            | <0.00002         |        |       | 0.00002 | mg/L  |           | 21-JUL-06 | CLL |
|           | Molybdenum (Mo)                         | <0.00006         |        |       | 0.00006 | mg/L  |           | 21-JUL-06 | CLL |
|           | Nickel (Ni)                             | 0.00009          |        |       | 0.00006 | mg/L  |           | 21-JUL-06 | CLL |
|           | Potassium (K)                           | 0.65             |        |       | 0.02    | mg/L  |           | 21-JUL-06 | CLL |
|           | Selenium (Se)                           | <0.0001          |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Silver (Ag)                             | <0.0001          |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Sodium (Na)                             | 0.689            |        |       | 0.005   | mg/L  |           | 21-JUL-06 | CLL |
|           | Strontium (Sr)                          | 0.0144           |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Uranium (U)                             | 0.00015          |        |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|           | Vanadium (V)                            | <0.00005         |        |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|           | Zinc (Zn)                               | <0.0008          |        |       | 0.0008  | mg/L  |           | 21-JUL-06 | CLL |



# ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

| Lab ID                                         | Sample ID                      | Test Description | Result   | Qual. | D.L.    | Units | Extracted | Analyzed  | By  |
|------------------------------------------------|--------------------------------|------------------|----------|-------|---------|-------|-----------|-----------|-----|
| L409018-4                                      | KNIFE B-1 DUPLICATE KNIFE LAKE |                  |          |       |         |       |           |           |     |
| Sampled By: KL/SSP on 07-JUL-06 @ 18:30        |                                |                  |          |       |         |       |           |           |     |
| Matrix: WATER                                  |                                |                  |          |       |         |       |           |           |     |
| <b>Ultra-Low Metals</b>                        |                                |                  |          |       |         |       |           |           |     |
|                                                | Iron (Fe)                      |                  | 0.041    |       | 0.005   | mg/L  |           | 27-JUL-06 | DDN |
| <b>Routine Water: Major Ions,F,Fe,Mn - Low</b> |                                |                  |          |       |         |       |           |           |     |
| <b>Extractable Metals</b>                      |                                |                  |          |       |         |       |           |           |     |
|                                                | Iron (Fe)-Extractable          |                  | 0.043    |       | 0.005   | mg/L  |           | 13-JUL-06 | HAS |
|                                                | Manganese (Mn)-Extractable     |                  | 0.006    |       | 0.001   | mg/L  |           | 13-JUL-06 | HAS |
| <b>ICP metals for routine water</b>            |                                |                  |          |       |         |       |           |           |     |
|                                                | Calcium (Ca)                   |                  | 15.8     |       | 0.5     | mg/L  |           | 12-JUL-06 | MLH |
|                                                | Magnesium (Mg)                 |                  | 9.1      |       | 0.1     | mg/L  |           | 12-JUL-06 | MLH |
|                                                | Potassium (K)                  |                  | 0.7      |       | 0.1     | mg/L  |           | 12-JUL-06 | MLH |
|                                                | Sodium (Na)                    |                  | <1       |       | 1       | mg/L  |           | 12-JUL-06 | MLH |
| <b>Ion Balance Calculation</b>                 |                                |                  |          |       |         |       |           |           |     |
|                                                | Hardness (as CaCO3)            |                  | 77       |       |         | mg/L  |           | 14-JUL-06 |     |
|                                                | Ion Balance                    |                  | 94.3     |       |         | %     |           | 14-JUL-06 |     |
|                                                | TDS (Calculated)               |                  | 76       |       |         | mg/L  |           | 14-JUL-06 |     |
| <b>pH, Conductivity and Total Alkalinity</b>   |                                |                  |          |       |         |       |           |           |     |
|                                                | Alkalinity, Total (as CaCO3)   |                  | 79       |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|                                                | Bicarbonate (HCO3)             |                  | 96       |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|                                                | Carbonate (CO3)                |                  | <5       |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|                                                | Conductivity (EC)              |                  | 147      |       | 0.2     | uS/cm |           | 11-JUL-06 | PTT |
|                                                | Hydroxide (OH)                 |                  | <5       |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|                                                | pH                             |                  | 8.2      |       | 0.1     | pH    |           | 11-JUL-06 | PTT |
|                                                | Chloride (Cl)                  |                  | 2        |       | 1       | mg/L  |           | 12-JUL-06 | WYA |
|                                                | Fluoride (F)                   |                  | <0.05    |       | 0.05    | mg/L  |           | 11-JUL-06 | PTT |
|                                                | Nitrate+Nitrite-N              |                  | 0.012    |       | 0.006   | mg/L  |           | 10-JUL-06 | KMY |
|                                                | Nitrate-N                      |                  | 0.012    |       | 0.006   | mg/L  |           | 10-JUL-06 | KMY |
|                                                | Nitrite-N                      |                  | <0.002   |       | 0.002   | mg/L  |           | 10-JUL-06 | KMY |
|                                                | Sulphate (SO4)                 |                  | 0.89     |       | 0.05    | mg/L  |           | 12-JUL-06 | JWU |
| <b>Dissolved Metals</b>                        |                                |                  |          |       |         |       |           |           |     |
|                                                | Silicon (Si)-Dissolved         |                  | 0.6      |       | 0.1     | mg/L  |           | 27-JUL-06 | DDN |
| <b>Total Metals</b>                            |                                |                  |          |       |         |       |           |           |     |
|                                                | Silicon (Si)-Total             |                  | 0.6      |       | 0.1     | mg/L  |           | 27-JUL-06 | DDN |
| <b>Ultra-Low Metals</b>                        |                                |                  |          |       |         |       |           |           |     |
|                                                | Arsenic (As)                   |                  | 0.00010  |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|                                                | Bismuth (Bi)                   |                  | <0.00003 |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|                                                | Lithium (Li)                   |                  | <0.0001  |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|                                                | Mercury (Hg)                   |                  | <0.00002 |       | 0.00002 | mg/L  |           | 21-JUL-06 | CLL |
|                                                | Tin (Sn)                       |                  | 0.0006   |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
| <b>Ultra-Low Metals - Dissolved</b>            |                                |                  |          |       |         |       |           |           |     |
|                                                | Bismuth (Bi)                   |                  | <0.00003 |       | 0.00003 | mg/L  |           | 24-JUL-06 | CLL |
|                                                | Lithium (Li)                   |                  | <0.0001  |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|                                                | Mercury (Hg)                   |                  | 0.00006  |       | 0.00002 | mg/L  |           | 24-JUL-06 | CLL |
|                                                | Tin (Sn)                       |                  | 0.0031   |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|                                                | Ammonia-N                      |                  | <0.005   |       | 0.005   | mg/L  |           | 11-JUL-06 | KMY |
|                                                | Phosphorus, Total              |                  | 0.003    |       | 0.001   | mg/L  |           | 17-JUL-06 | SHC |
|                                                | Total Organic Carbon           |                  | 4.7      |       | 0.5     | mg/L  |           | 11-JUL-06 | ZOW |
|                                                | Total Suspended Solids         |                  | <3       |       | 3       | mg/L  |           | 12-JUL-06 | SVG |
|                                                | Turbidity                      |                  | 0.30     |       | 0.1     | NTU   |           | 11-JUL-06 | BOC |
| L409018-5                                      | KNIFE C-1 KNIFE LAKE           |                  |          |       |         |       |           |           |     |
| Sampled By: KL/SSP on 07-JUL-06 @ 18:40        |                                |                  |          |       |         |       |           |           |     |
| Matrix: WATER                                  |                                |                  |          |       |         |       |           |           |     |

# ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

| Lab ID                                  | Sample ID                           | Test Description | Result | Qual. | D.L.    | Units | Extracted | Analyzed  | By  |
|-----------------------------------------|-------------------------------------|------------------|--------|-------|---------|-------|-----------|-----------|-----|
| L409018-5                               | KNIFE C-1 KNIFE LAKE                |                  |        |       |         |       |           |           |     |
| Sampled By: KL/SSP on 07-JUL-06 @ 18:40 |                                     |                  |        |       |         |       |           |           |     |
| Matrix: WATER                           |                                     |                  |        |       |         |       |           |           |     |
|                                         | <b>Ultra-Low Metals - Dissolved</b> |                  |        |       |         |       |           |           |     |
|                                         | <b>Ultra-Low Metals - Dissolved</b> |                  |        |       |         |       |           |           |     |
|                                         | Aluminum (Al)                       | 0.0008           |        |       | 0.0003  | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Antimony (Sb)                       | 0.00019          |        |       | 0.00003 | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Arsenic (As)                        | 0.00011          |        |       | 0.00003 | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Barium (Ba)                         | 0.0416           |        |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Beryllium (Be)                      | <0.0002          |        |       | 0.0002  | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Boron (B)                           | 0.002            |        |       | 0.001   | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Cadmium (Cd)                        | <0.00005         |        |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Calcium (Ca)                        | 15.8             |        |       | 0.02    | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Chromium (Cr)                       | 0.00020          |        |       | 0.00006 | mg/L  |           | 27-JUL-06 | DEO |
|                                         | Cobalt (Co)                         | <0.0001          |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Copper (Cu)                         | 0.0074           | RRV    |       | 0.0006  | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Lead (Pb)                           | <0.00005         |        |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Magnesium (Mg)                      | 9.59             |        |       | 0.004   | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Manganese (Mn)                      | 0.0006           |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Mercury (Hg)                        | 0.00007          | RRV    |       | 0.00002 | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Molybdenum (Mo)                     | <0.00006         |        |       | 0.00006 | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Nickel (Ni)                         | 0.00008          |        |       | 0.00006 | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Potassium (K)                       | 0.71             |        |       | 0.02    | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Selenium (Se)                       | <0.0001          |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Silver (Ag)                         | <0.0001          |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Sodium (Na)                         | 0.713            |        |       | 0.005   | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Strontium (Sr)                      | 0.0153           |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Uranium (U)                         | 0.00013          |        |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Vanadium (V)                        | <0.00005         |        |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Zinc (Zn)                           | 0.0019           | RRV    |       | 0.0008  | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Iron (Fe)                           | 0.012            |        |       | 0.005   | mg/L  |           | 27-JUL-06 | DDN |
|                                         | <b>Ultra-Low Metals</b>             |                  |        |       |         |       |           |           |     |
|                                         | <b>Ultra-Low Metals</b>             |                  |        |       |         |       |           |           |     |
|                                         | Aluminum (Al)                       | 0.0012           |        |       | 0.0003  | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Antimony (Sb)                       | 0.00015          |        |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Arsenic (As)                        | 0.00011          |        |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Barium (Ba)                         | 0.0383           |        |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Beryllium (Be)                      | <0.0002          |        |       | 0.0002  | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Boron (B)                           | 0.002            |        |       | 0.001   | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Cadmium (Cd)                        | <0.00005         |        |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Calcium (Ca)                        | 14.5             |        |       | 0.02    | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Chromium (Cr)                       | 0.00075          |        |       | 0.00006 | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Cobalt (Co)                         | <0.0001          |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Copper (Cu)                         | 0.0043           |        |       | 0.0006  | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Lead (Pb)                           | <0.00005         |        |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Magnesium (Mg)                      | 9.86             |        |       | 0.004   | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Manganese (Mn)                      | 0.0054           |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Mercury (Hg)                        | <0.00002         |        |       | 0.00002 | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Molybdenum (Mo)                     | <0.00006         |        |       | 0.00006 | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Nickel (Ni)                         | 0.00010          |        |       | 0.00006 | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Potassium (K)                       | 0.67             |        |       | 0.02    | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Selenium (Se)                       | <0.0001          |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Silver (Ag)                         | <0.0001          |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Sodium (Na)                         | 0.687            |        |       | 0.005   | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Strontium (Sr)                      | 0.0147           |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Uranium (U)                         | 0.00015          |        |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Vanadium (V)                        | <0.00005         |        |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Zinc (Zn)                           | <0.0008          |        |       | 0.0008  | mg/L  |           | 21-JUL-06 | CLL |

# ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

| Lab ID                                  | Sample ID                                      | Test Description | Result | Qual. | D.L.    | Units | Extracted | Analyzed  | By  |
|-----------------------------------------|------------------------------------------------|------------------|--------|-------|---------|-------|-----------|-----------|-----|
| L409018-5                               | KNIFE C-1 KNIFE LAKE                           |                  |        |       |         |       |           |           |     |
| Sampled By: KL/SSP on 07-JUL-06 @ 18:40 |                                                |                  |        |       |         |       |           |           |     |
| Matrix: WATER                           |                                                |                  |        |       |         |       |           |           |     |
|                                         | <b>Ultra-Low Metals</b>                        |                  |        |       |         |       |           |           |     |
|                                         | Iron (Fe)                                      | 0.041            |        |       | 0.005   | mg/L  |           | 27-JUL-06 | DDN |
|                                         | <b>Routine Water: Major Ions,F,Fe,Mn - Low</b> |                  |        |       |         |       |           |           |     |
|                                         | <b>Extractable Metals</b>                      |                  |        |       |         |       |           |           |     |
|                                         | Iron (Fe)-Extractable                          | 0.037            |        |       | 0.005   | mg/L  |           | 13-JUL-06 | HAS |
|                                         | Manganese (Mn)-Extractable                     | 0.005            |        |       | 0.001   | mg/L  |           | 13-JUL-06 | HAS |
|                                         | <b>ICP metals for routine water</b>            |                  |        |       |         |       |           |           |     |
|                                         | Calcium (Ca)                                   | 15.5             |        |       | 0.5     | mg/L  |           | 12-JUL-06 | MLH |
|                                         | Magnesium (Mg)                                 | 8.8              |        |       | 0.1     | mg/L  |           | 12-JUL-06 | MLH |
|                                         | Potassium (K)                                  | 0.7              |        |       | 0.1     | mg/L  |           | 12-JUL-06 | MLH |
|                                         | Sodium (Na)                                    | <1               |        |       | 1       | mg/L  |           | 12-JUL-06 | MLH |
|                                         | <b>Ion Balance Calculation</b>                 |                  |        |       |         |       |           |           |     |
|                                         | Hardness (as CaCO3)                            | 75               |        |       |         | mg/L  |           | 14-JUL-06 |     |
|                                         | Ion Balance                                    | 90.9             |        |       |         | %     |           | 14-JUL-06 |     |
|                                         | TDS (Calculated)                               | 75               |        |       |         | mg/L  |           | 14-JUL-06 |     |
|                                         | <b>pH, Conductivity and Total Alkalinity</b>   |                  |        |       |         |       |           |           |     |
|                                         | Alkalinity, Total (as CaCO3)                   | 79               |        |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|                                         | Bicarbonate (HCO3)                             | 97               |        |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|                                         | Carbonate (CO3)                                | <5               |        |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|                                         | Conductivity (EC)                              | 147              |        |       | 0.2     | uS/cm |           | 11-JUL-06 | PTT |
|                                         | Hydroxide (OH)                                 | <5               |        |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|                                         | pH                                             | 8.2              |        |       | 0.1     | pH    |           | 11-JUL-06 | PTT |
|                                         | Chloride (Cl)                                  | 2                |        |       | 1       | mg/L  |           | 12-JUL-06 | WYA |
|                                         | Fluoride (F)                                   | <0.05            |        |       | 0.05    | mg/L  |           | 11-JUL-06 | PTT |
|                                         | Nitrate+Nitrite-N                              | 0.029            |        |       | 0.006   | mg/L  |           | 10-JUL-06 | KMY |
|                                         | Nitrate-N                                      | 0.029            |        |       | 0.006   | mg/L  |           | 10-JUL-06 | KMY |
|                                         | Nitrite-N                                      | <0.002           |        |       | 0.002   | mg/L  |           | 10-JUL-06 | KMY |
|                                         | Sulphate (SO4)                                 | 0.90             |        |       | 0.05    | mg/L  |           | 12-JUL-06 | JWU |
|                                         | <b>Dissolved Metals</b>                        |                  |        |       |         |       |           |           |     |
|                                         | Silicon (Si)-Dissolved                         | 0.6              |        |       | 0.1     | mg/L  |           | 27-JUL-06 | DDN |
|                                         | <b>Total Metals</b>                            |                  |        |       |         |       |           |           |     |
|                                         | Silicon (Si)-Total                             | 0.6              |        |       | 0.1     | mg/L  |           | 27-JUL-06 | DDN |
|                                         | <b>Ultra-Low Metals</b>                        |                  |        |       |         |       |           |           |     |
|                                         | Arsenic (As)                                   | 0.00011          |        |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Bismuth (Bi)                                   | <0.00003         |        |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Lithium (Li)                                   | <0.0001          |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Mercury (Hg)                                   | <0.00002         |        |       | 0.00002 | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Tin (Sn)                                       | 0.0014           |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|                                         | <b>Ultra-Low Metals - Dissolved</b>            |                  |        |       |         |       |           |           |     |
|                                         | Bismuth (Bi)                                   | <0.00003         |        |       | 0.00003 | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Lithium (Li)                                   | <0.0001          |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Mercury (Hg)                                   | 0.00007          |        |       | 0.00002 | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Tin (Sn)                                       | 0.0029           |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Ammonia-N                                      | <0.005           |        |       | 0.005   | mg/L  |           | 11-JUL-06 | KMY |
|                                         | Phosphorus, Total                              | 0.004            |        |       | 0.001   | mg/L  |           | 17-JUL-06 | SHC |
|                                         | Total Organic Carbon                           | 4.8              |        |       | 0.5     | mg/L  |           | 11-JUL-06 | ZOW |
|                                         | Total Suspended Solids                         | <3               |        |       | 3       | mg/L  |           | 12-JUL-06 | SVG |
|                                         | Turbidity                                      | 0.30             |        |       | 0.1     | NTU   |           | 11-JUL-06 | BOC |
| L409018-6                               | KNIFE C-1 DUPLICATE KNIFE LAKE                 |                  |        |       |         |       |           |           |     |
| Sampled By: KL/SSP on 07-JUL-06 @ 19:18 |                                                |                  |        |       |         |       |           |           |     |
| Matrix: WATER                           |                                                |                  |        |       |         |       |           |           |     |

**ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT**

| Lab ID                                  | Sample ID                      | Test Description | Result | Qual. | D.L.    | Units | Extracted | Analyzed  | By  |
|-----------------------------------------|--------------------------------|------------------|--------|-------|---------|-------|-----------|-----------|-----|
| L409018-6                               | KNIFE C-1 DUPLICATE KNIFE LAKE |                  |        |       |         |       |           |           |     |
| Sampled By: KL/SSP on 07-JUL-06 @ 19:18 |                                |                  |        |       |         |       |           |           |     |
| Matrix: WATER                           |                                |                  |        |       |         |       |           |           |     |
| <b>Ultra-Low Metals - Dissolved</b>     |                                |                  |        |       |         |       |           |           |     |
| <b>Ultra-Low Metals - Dissolved</b>     |                                |                  |        |       |         |       |           |           |     |
|                                         | Aluminum (Al)                  | 0.0009           |        |       | 0.0003  | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Antimony (Sb)                  | 0.00018          |        |       | 0.00003 | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Arsenic (As)                   | 0.00010          |        |       | 0.00003 | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Barium (Ba)                    | 0.0417           |        |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Beryllium (Be)                 | <0.0002          |        |       | 0.0002  | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Boron (B)                      | 0.002            |        |       | 0.001   | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Cadmium (Cd)                   | <0.00005         |        |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Calcium (Ca)                   | 16.1             |        |       | 0.02    | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Chromium (Cr)                  | 0.00020          |        |       | 0.00006 | mg/L  |           | 27-JUL-06 | DEO |
|                                         | Cobalt (Co)                    | <0.0001          |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Copper (Cu)                    | 0.0074           | RRV    |       | 0.0006  | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Lead (Pb)                      | <0.00005         |        |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Magnesium (Mg)                 | 9.57             |        |       | 0.004   | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Manganese (Mn)                 | 0.0006           |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Mercury (Hg)                   | 0.00006          | RRV    |       | 0.00002 | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Molybdenum (Mo)                | 0.00011          |        |       | 0.00006 | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Nickel (Ni)                    | <0.00006         |        |       | 0.00006 | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Potassium (K)                  | 0.71             |        |       | 0.02    | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Selenium (Se)                  | <0.0001          |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Silver (Ag)                    | <0.0001          |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Sodium (Na)                    | 0.715            |        |       | 0.005   | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Strontium (Sr)                 | 0.0152           |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Uranium (U)                    | 0.00013          |        |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Vanadium (V)                   | <0.00005         |        |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Zinc (Zn)                      | 0.0020           | RRV    |       | 0.0008  | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Iron (Fe)                      | 0.015            |        |       | 0.005   | mg/L  |           | 27-JUL-06 | DDN |
| <b>Ultra-Low Metals</b>                 |                                |                  |        |       |         |       |           |           |     |
| <b>Ultra-Low Metals</b>                 |                                |                  |        |       |         |       |           |           |     |
|                                         | Aluminum (Al)                  | 0.0010           |        |       | 0.0003  | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Antimony (Sb)                  | 0.00015          |        |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Arsenic (As)                   | 0.00010          |        |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Barium (Ba)                    | 0.0390           |        |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Beryllium (Be)                 | <0.0002          |        |       | 0.0002  | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Boron (B)                      | 0.002            |        |       | 0.001   | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Cadmium (Cd)                   | <0.00005         |        |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Calcium (Ca)                   | 14.7             |        |       | 0.02    | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Chromium (Cr)                  | 0.00070          |        |       | 0.00006 | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Cobalt (Co)                    | <0.0001          |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Copper (Cu)                    | 0.0007           |        |       | 0.0006  | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Lead (Pb)                      | <0.00005         |        |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Magnesium (Mg)                 | 10.1             |        |       | 0.004   | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Manganese (Mn)                 | 0.0053           |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Mercury (Hg)                   | <0.00002         |        |       | 0.00002 | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Molybdenum (Mo)                | <0.00006         |        |       | 0.00006 | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Nickel (Ni)                    | 0.00011          |        |       | 0.00006 | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Potassium (K)                  | 0.68             |        |       | 0.02    | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Selenium (Se)                  | <0.0001          |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Silver (Ag)                    | <0.0001          |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Sodium (Na)                    | 0.695            |        |       | 0.005   | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Strontium (Sr)                 | 0.0146           |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Uranium (U)                    | 0.00015          |        |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Vanadium (V)                   | <0.00005         |        |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Zinc (Zn)                      | <0.0008          |        |       | 0.0008  | mg/L  |           | 21-JUL-06 | CLL |

**ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT**

| Lab ID                                  | Sample ID                                      | Test Description | Result | Qual. | D.L.    | Units | Extracted | Analyzed  | By  |
|-----------------------------------------|------------------------------------------------|------------------|--------|-------|---------|-------|-----------|-----------|-----|
| L409018-6                               | KNIFE C-1 DUPLICATE KNIFE LAKE                 |                  |        |       |         |       |           |           |     |
| Sampled By: KL/SSP on 07-JUL-06 @ 19:18 |                                                |                  |        |       |         |       |           |           |     |
| Matrix: WATER                           |                                                |                  |        |       |         |       |           |           |     |
|                                         | <b>Ultra-Low Metals</b>                        |                  |        |       |         |       |           |           |     |
|                                         | Iron (Fe)                                      | 0.040            |        |       | 0.005   | mg/L  |           | 27-JUL-06 | DDN |
|                                         | <b>Routine Water: Major Ions,F,Fe,Mn - Low</b> |                  |        |       |         |       |           |           |     |
|                                         | <b>Extractable Metals</b>                      |                  |        |       |         |       |           |           |     |
|                                         | Iron (Fe)-Extractable                          | 0.037            |        |       | 0.005   | mg/L  |           | 13-JUL-06 | HAS |
|                                         | Manganese (Mn)-Extractable                     | 0.005            |        |       | 0.001   | mg/L  |           | 13-JUL-06 | HAS |
|                                         | <b>ICP metals for routine water</b>            |                  |        |       |         |       |           |           |     |
|                                         | Calcium (Ca)                                   | 15.9             |        |       | 0.5     | mg/L  |           | 12-JUL-06 | MLH |
|                                         | Magnesium (Mg)                                 | 9.1              |        |       | 0.1     | mg/L  |           | 12-JUL-06 | MLH |
|                                         | Potassium (K)                                  | 0.7              |        |       | 0.1     | mg/L  |           | 12-JUL-06 | MLH |
|                                         | Sodium (Na)                                    | <1               |        |       | 1       | mg/L  |           | 12-JUL-06 | MLH |
|                                         | <b>Ion Balance Calculation</b>                 |                  |        |       |         |       |           |           |     |
|                                         | Hardness (as CaCO3)                            | 77               |        |       |         | mg/L  |           | 14-JUL-06 |     |
|                                         | Ion Balance                                    | 95.3             |        |       |         | %     |           | 14-JUL-06 |     |
|                                         | TDS (Calculated)                               | 75               |        |       |         | mg/L  |           | 14-JUL-06 |     |
|                                         | <b>pH, Conductivity and Total Alkalinity</b>   |                  |        |       |         |       |           |           |     |
|                                         | Alkalinity, Total (as CaCO3)                   | 79               |        |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|                                         | Bicarbonate (HCO3)                             | 97               |        |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|                                         | Carbonate (CO3)                                | <5               |        |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|                                         | Conductivity (EC)                              | 148              |        |       | 0.2     | uS/cm |           | 11-JUL-06 | PTT |
|                                         | Hydroxide (OH)                                 | <5               |        |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|                                         | pH                                             | 8.2              |        |       | 0.1     | pH    |           | 11-JUL-06 | PTT |
|                                         | Chloride (Cl)                                  | 1                |        |       | 1       | mg/L  |           | 12-JUL-06 | WYA |
|                                         | Fluoride (F)                                   | <0.05            |        |       | 0.05    | mg/L  |           | 11-JUL-06 | PTT |
|                                         | Nitrate+Nitrite-N                              | 0.007            |        |       | 0.006   | mg/L  |           | 10-JUL-06 | KMY |
|                                         | Nitrate-N                                      | 0.007            |        |       | 0.006   | mg/L  |           | 10-JUL-06 | KMY |
|                                         | Nitrite-N                                      | <0.002           |        |       | 0.002   | mg/L  |           | 10-JUL-06 | KMY |
|                                         | Sulphate (SO4)                                 | 0.89             |        |       | 0.05    | mg/L  |           | 12-JUL-06 | JWU |
|                                         | <b>Dissolved Metals</b>                        |                  |        |       |         |       |           |           |     |
|                                         | Silicon (Si)-Dissolved                         | 0.6              |        |       | 0.1     | mg/L  |           | 27-JUL-06 | DDN |
|                                         | <b>Total Metals</b>                            |                  |        |       |         |       |           |           |     |
|                                         | Silicon (Si)-Total                             | 0.6              |        |       | 0.1     | mg/L  |           | 27-JUL-06 | DDN |
|                                         | <b>Ultra-Low Metals</b>                        |                  |        |       |         |       |           |           |     |
|                                         | Arsenic (As)                                   | 0.00010          |        |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Bismuth (Bi)                                   | <0.00003         |        |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Lithium (Li)                                   | <0.0001          |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Mercury (Hg)                                   | <0.00002         |        |       | 0.00002 | mg/L  |           | 21-JUL-06 | CLL |
|                                         | Tin (Sn)                                       | 0.0006           |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|                                         | <b>Ultra-Low Metals - Dissolved</b>            |                  |        |       |         |       |           |           |     |
|                                         | Bismuth (Bi)                                   | <0.00003         |        |       | 0.00003 | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Lithium (Li)                                   | <0.0001          |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Mercury (Hg)                                   | 0.00006          |        |       | 0.00002 | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Tin (Sn)                                       | 0.0029           |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|                                         | Ammonia-N                                      | <0.005           |        |       | 0.005   | mg/L  |           | 11-JUL-06 | KMY |
|                                         | Phosphorus, Total                              | 0.004            |        |       | 0.001   | mg/L  |           | 17-JUL-06 | SHC |
|                                         | Total Organic Carbon                           | 4.4              |        |       | 0.5     | mg/L  |           | 11-JUL-06 | ZOW |
|                                         | Total Suspended Solids                         | <3               |        |       | 3       | mg/L  |           | 12-JUL-06 | SVG |
|                                         | Turbidity                                      | 0.30             |        |       | 0.1     | NTU   |           | 11-JUL-06 | BOC |
| L409018-7                               | KNIFE D-1 KNIFE LAKE                           |                  |        |       |         |       |           |           |     |
| Sampled By: KL/SSP on 07-JUL-06 @ 20:14 |                                                |                  |        |       |         |       |           |           |     |
| Matrix: WATER                           |                                                |                  |        |       |         |       |           |           |     |

# ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

| Lab ID    | Sample ID                               | Test Description | Result | Qual. | D.L.    | Units | Extracted | Analyzed  | By  |
|-----------|-----------------------------------------|------------------|--------|-------|---------|-------|-----------|-----------|-----|
| L409018-7 | KNIFE D-1 KNIFE LAKE                    |                  |        |       |         |       |           |           |     |
|           | Sampled By: KL/SSP on 07-JUL-06 @ 20:14 |                  |        |       |         |       |           |           |     |
|           | Matrix: WATER                           |                  |        |       |         |       |           |           |     |
|           | <b>Ultra-Low Metals - Dissolved</b>     |                  |        |       |         |       |           |           |     |
|           | <b>Ultra-Low Metals - Dissolved</b>     |                  |        |       |         |       |           |           |     |
|           | Aluminum (Al)                           | 0.0006           |        |       | 0.0003  | mg/L  |           | 24-JUL-06 | CLL |
|           | Antimony (Sb)                           | 0.00015          |        |       | 0.00003 | mg/L  |           | 24-JUL-06 | CLL |
|           | Arsenic (As)                            | 0.00008          |        |       | 0.00003 | mg/L  |           | 24-JUL-06 | CLL |
|           | Barium (Ba)                             | 0.0240           |        |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|           | Beryllium (Be)                          | <0.0002          |        |       | 0.0002  | mg/L  |           | 24-JUL-06 | CLL |
|           | Boron (B)                               | <0.001           |        |       | 0.001   | mg/L  |           | 24-JUL-06 | CLL |
|           | Cadmium (Cd)                            | <0.00005         |        |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|           | Calcium (Ca)                            | 7.07             |        |       | 0.02    | mg/L  |           | 24-JUL-06 | CLL |
|           | Chromium (Cr)                           | 0.00020          |        |       | 0.00006 | mg/L  |           | 27-JUL-06 | DEO |
|           | Cobalt (Co)                             | <0.0001          |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Copper (Cu)                             | 0.0061           | RRV    |       | 0.0006  | mg/L  |           | 24-JUL-06 | CLL |
|           | Lead (Pb)                               | <0.00005         |        |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|           | Magnesium (Mg)                          | 3.92             |        |       | 0.004   | mg/L  |           | 24-JUL-06 | CLL |
|           | Manganese (Mn)                          | 0.0005           |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Mercury (Hg)                            | 0.00003          |        |       | 0.00002 | mg/L  |           | 24-JUL-06 | CLL |
|           | Molybdenum (Mo)                         | <0.00006         |        |       | 0.00006 | mg/L  |           | 24-JUL-06 | CLL |
|           | Nickel (Ni)                             | <0.00006         |        |       | 0.00006 | mg/L  |           | 24-JUL-06 | CLL |
|           | Potassium (K)                           | 0.29             |        |       | 0.02    | mg/L  |           | 24-JUL-06 | CLL |
|           | Selenium (Se)                           | <0.0001          |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Silver (Ag)                             | <0.0001          |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Sodium (Na)                             | 0.446            |        |       | 0.005   | mg/L  |           | 24-JUL-06 | CLL |
|           | Strontium (Sr)                          | 0.0057           |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Uranium (U)                             | 0.00006          |        |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|           | Vanadium (V)                            | <0.00005         |        |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|           | Zinc (Zn)                               | 0.0018           | RRV    |       | 0.0008  | mg/L  |           | 24-JUL-06 | CLL |
|           | Iron (Fe)                               | <0.005           |        |       | 0.005   | mg/L  |           | 27-JUL-06 | DDN |
|           | <b>Ultra-Low Metals</b>                 |                  |        |       |         |       |           |           |     |
|           | <b>Ultra-Low Metals</b>                 |                  |        |       |         |       |           |           |     |
|           | Aluminum (Al)                           | 0.0013           |        |       | 0.0003  | mg/L  |           | 21-JUL-06 | CLL |
|           | Antimony (Sb)                           | 0.00016          |        |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|           | Arsenic (As)                            | 0.00008          |        |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|           | Barium (Ba)                             | 0.0222           |        |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|           | Beryllium (Be)                          | <0.0002          |        |       | 0.0002  | mg/L  |           | 21-JUL-06 | CLL |
|           | Boron (B)                               | 0.001            |        |       | 0.001   | mg/L  |           | 21-JUL-06 | CLL |
|           | Cadmium (Cd)                            | <0.00005         |        |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|           | Calcium (Ca)                            | 6.34             |        |       | 0.02    | mg/L  |           | 21-JUL-06 | CLL |
|           | Chromium (Cr)                           | 0.00034          |        |       | 0.00006 | mg/L  |           | 21-JUL-06 | CLL |
|           | Cobalt (Co)                             | <0.0001          |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Copper (Cu)                             | <0.0006          |        |       | 0.0006  | mg/L  |           | 21-JUL-06 | CLL |
|           | Lead (Pb)                               | <0.00005         |        |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|           | Magnesium (Mg)                          | 4.13             |        |       | 0.004   | mg/L  |           | 21-JUL-06 | CLL |
|           | Manganese (Mn)                          | 0.0011           |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Mercury (Hg)                            | <0.00002         |        |       | 0.00002 | mg/L  |           | 21-JUL-06 | CLL |
|           | Molybdenum (Mo)                         | <0.00006         |        |       | 0.00006 | mg/L  |           | 21-JUL-06 | CLL |
|           | Nickel (Ni)                             | <0.00006         |        |       | 0.00006 | mg/L  |           | 21-JUL-06 | CLL |
|           | Potassium (K)                           | 0.28             |        |       | 0.02    | mg/L  |           | 21-JUL-06 | CLL |
|           | Selenium (Se)                           | <0.0001          |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Silver (Ag)                             | <0.0001          |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Sodium (Na)                             | 0.406            |        |       | 0.005   | mg/L  |           | 21-JUL-06 | CLL |
|           | Strontium (Sr)                          | 0.0054           |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Uranium (U)                             | 0.00007          |        |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|           | Vanadium (V)                            | <0.00005         |        |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|           | Zinc (Zn)                               | <0.0008          |        |       | 0.0008  | mg/L  |           | 21-JUL-06 | CLL |

# ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

| Lab ID    | Sample ID                                      | Test Description | Result | Qual. | D.L.    | Units | Extracted | Analyzed  | By  |
|-----------|------------------------------------------------|------------------|--------|-------|---------|-------|-----------|-----------|-----|
| L409018-7 | KNIFE D-1 KNIFE LAKE                           |                  |        |       |         |       |           |           |     |
|           | Sampled By: KL/SSP on 07-JUL-06 @ 20:14        |                  |        |       |         |       |           |           |     |
|           | Matrix: WATER                                  |                  |        |       |         |       |           |           |     |
|           | <b>Ultra-Low Metals</b>                        |                  |        |       |         |       |           |           |     |
|           | Iron (Fe)                                      | 0.012            |        |       | 0.005   | mg/L  |           | 27-JUL-06 | DDN |
|           | <b>Routine Water: Major Ions,F,Fe,Mn - Low</b> |                  |        |       |         |       |           |           |     |
|           | <b>Extractable Metals</b>                      |                  |        |       |         |       |           |           |     |
|           | Iron (Fe)-Extractable                          | 0.010            |        |       | 0.005   | mg/L  |           | 13-JUL-06 | HAS |
|           | Manganese (Mn)-Extractable                     | 0.001            |        |       | 0.001   | mg/L  |           | 13-JUL-06 | HAS |
|           | <b>ICP metals for routine water</b>            |                  |        |       |         |       |           |           |     |
|           | Calcium (Ca)                                   | 6.9              |        |       | 0.5     | mg/L  |           | 12-JUL-06 | MLH |
|           | Magnesium (Mg)                                 | 3.5              |        |       | 0.1     | mg/L  |           | 12-JUL-06 | MLH |
|           | Potassium (K)                                  | 0.3              |        |       | 0.1     | mg/L  |           | 12-JUL-06 | MLH |
|           | Sodium (Na)                                    | <1               |        |       | 1       | mg/L  |           | 12-JUL-06 | MLH |
|           | <b>Ion Balance Calculation</b>                 |                  |        |       |         |       |           |           |     |
|           | Hardness (as CaCO3)                            | 32               |        |       |         | mg/L  |           | 14-JUL-06 |     |
|           | Ion Balance                                    | Low EC           |        |       |         | %     |           | 14-JUL-06 |     |
|           | TDS (Calculated)                               | 32               |        |       |         | mg/L  |           | 14-JUL-06 |     |
|           | <b>pH, Conductivity and Total Alkalinity</b>   |                  |        |       |         |       |           |           |     |
|           | Alkalinity, Total (as CaCO3)                   | 33               |        |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|           | Bicarbonate (HCO3)                             | 41               |        |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|           | Carbonate (CO3)                                | <5               |        |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|           | Conductivity (EC)                              | 67.0             |        |       | 0.2     | uS/cm |           | 11-JUL-06 | PTT |
|           | Hydroxide (OH)                                 | <5               |        |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|           | pH                                             | 7.8              |        |       | 0.1     | pH    |           | 11-JUL-06 | PTT |
|           | Chloride (Cl)                                  | <1               |        |       | 1       | mg/L  |           | 12-JUL-06 | WYA |
|           | Fluoride (F)                                   | <0.05            |        |       | 0.05    | mg/L  |           | 11-JUL-06 | PTT |
|           | Nitrate+Nitrite-N                              | <0.006           |        |       | 0.006   | mg/L  |           | 10-JUL-06 | KMY |
|           | Nitrate-N                                      | <0.006           |        |       | 0.006   | mg/L  |           | 10-JUL-06 | KMY |
|           | Nitrite-N                                      | <0.002           |        |       | 0.002   | mg/L  |           | 10-JUL-06 | KMY |
|           | Sulphate (SO4)                                 | 1.58             |        |       | 0.05    | mg/L  |           | 12-JUL-06 | JWU |
|           | <b>Dissolved Metals</b>                        |                  |        |       |         |       |           |           |     |
|           | Silicon (Si)-Dissolved                         | 0.2              |        |       | 0.1     | mg/L  |           | 27-JUL-06 | DDN |
|           | <b>Total Metals</b>                            |                  |        |       |         |       |           |           |     |
|           | Silicon (Si)-Total                             | 0.2              |        |       | 0.1     | mg/L  |           | 27-JUL-06 | DDN |
|           | <b>Ultra-Low Metals</b>                        |                  |        |       |         |       |           |           |     |
|           | Arsenic (As)                                   | 0.00008          |        |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|           | Bismuth (Bi)                                   | <0.00003         |        |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|           | Lithium (Li)                                   | <0.0001          |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Mercury (Hg)                                   | <0.00002         |        |       | 0.00002 | mg/L  |           | 21-JUL-06 | CLL |
|           | Tin (Sn)                                       | 0.0003           |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | <b>Ultra-Low Metals - Dissolved</b>            |                  |        |       |         |       |           |           |     |
|           | Bismuth (Bi)                                   | <0.00003         |        |       | 0.00003 | mg/L  |           | 24-JUL-06 | CLL |
|           | Lithium (Li)                                   | <0.0001          |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Mercury (Hg)                                   | 0.00003          |        |       | 0.00002 | mg/L  |           | 24-JUL-06 | CLL |
|           | Tin (Sn)                                       | 0.0031           |        | RRV   | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Ammonia-N                                      | <0.005           |        |       | 0.005   | mg/L  |           | 11-JUL-06 | KMY |
|           | Phosphorus, Total                              | 0.002            |        |       | 0.001   | mg/L  |           | 17-JUL-06 | SHC |
|           | Total Organic Carbon                           | 2.2              |        |       | 0.5     | mg/L  |           | 12-JUL-06 | ZOW |
|           | Total Suspended Solids                         | <3               |        |       | 3       | mg/L  |           | 12-JUL-06 | SVG |
|           | Turbidity                                      | 0.15             |        |       | 0.1     | NTU   |           | 11-JUL-06 | BOC |
| L409018-8 | KNIFE D-1 DUPLICATE KNIFE LAKE                 |                  |        |       |         |       |           |           |     |
|           | Sampled By: KL/SSP on 07-JUL-06 @ 20:40        |                  |        |       |         |       |           |           |     |
|           | Matrix: WATER                                  |                  |        |       |         |       |           |           |     |

# ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

| Lab ID                                  | Sample ID                      | Test Description                    | Result   | Qual. | D.L.    | Units | Extracted | Analyzed  | By  |
|-----------------------------------------|--------------------------------|-------------------------------------|----------|-------|---------|-------|-----------|-----------|-----|
| L409018-8                               | KNIFE D-1 DUPLICATE KNIFE LAKE |                                     |          |       |         |       |           |           |     |
| Sampled By: KL/SSP on 07-JUL-06 @ 20:40 |                                |                                     |          |       |         |       |           |           |     |
| Matrix: WATER                           |                                |                                     |          |       |         |       |           |           |     |
|                                         |                                | <b>Ultra-Low Metals - Dissolved</b> |          |       |         |       |           |           |     |
|                                         |                                | <b>Ultra-Low Metals - Dissolved</b> |          |       |         |       |           |           |     |
|                                         |                                | Aluminum (Al)                       | 0.0006   |       | 0.0003  | mg/L  |           | 24-JUL-06 | CLL |
|                                         |                                | Antimony (Sb)                       | 0.00009  |       | 0.00003 | mg/L  |           | 24-JUL-06 | CLL |
|                                         |                                | Arsenic (As)                        | 0.00008  |       | 0.00003 | mg/L  |           | 24-JUL-06 | CLL |
|                                         |                                | Barium (Ba)                         | 0.0240   |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|                                         |                                | Beryllium (Be)                      | <0.0002  |       | 0.0002  | mg/L  |           | 24-JUL-06 | CLL |
|                                         |                                | Boron (B)                           | <0.001   |       | 0.001   | mg/L  |           | 24-JUL-06 | CLL |
|                                         |                                | Cadmium (Cd)                        | <0.00005 |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|                                         |                                | Calcium (Ca)                        | 7.01     |       | 0.02    | mg/L  |           | 24-JUL-06 | CLL |
|                                         |                                | Chromium (Cr)                       | <0.00006 |       | 0.00006 | mg/L  |           | 27-JUL-06 | DEO |
|                                         |                                | Cobalt (Co)                         | <0.0001  |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|                                         |                                | Copper (Cu)                         | 0.0061   | RRV   | 0.0006  | mg/L  |           | 24-JUL-06 | CLL |
|                                         |                                | Lead (Pb)                           | <0.00005 |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|                                         |                                | Magnesium (Mg)                      | 3.85     |       | 0.004   | mg/L  |           | 24-JUL-06 | CLL |
|                                         |                                | Manganese (Mn)                      | 0.0005   |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|                                         |                                | Mercury (Hg)                        | <0.00002 |       | 0.00002 | mg/L  |           | 24-JUL-06 | CLL |
|                                         |                                | Molybdenum (Mo)                     | <0.00006 |       | 0.00006 | mg/L  |           | 24-JUL-06 | CLL |
|                                         |                                | Nickel (Ni)                         | <0.00006 |       | 0.00006 | mg/L  |           | 24-JUL-06 | CLL |
|                                         |                                | Potassium (K)                       | 0.29     |       | 0.02    | mg/L  |           | 24-JUL-06 | CLL |
|                                         |                                | Selenium (Se)                       | <0.0001  |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|                                         |                                | Silver (Ag)                         | <0.0001  |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|                                         |                                | Sodium (Na)                         | 0.434    |       | 0.005   | mg/L  |           | 24-JUL-06 | CLL |
|                                         |                                | Strontium (Sr)                      | 0.0057   |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|                                         |                                | Uranium (U)                         | 0.00006  |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|                                         |                                | Vanadium (V)                        | <0.00005 |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|                                         |                                | Zinc (Zn)                           | 0.0017   | RRV   | 0.0008  | mg/L  |           | 24-JUL-06 | CLL |
|                                         |                                | Iron (Fe)                           | <0.005   |       | 0.005   | mg/L  |           | 27-JUL-06 | DDN |
|                                         |                                | <b>Ultra-Low Metals</b>             |          |       |         |       |           |           |     |
|                                         |                                | <b>Ultra-Low Metals</b>             |          |       |         |       |           |           |     |
|                                         |                                | Aluminum (Al)                       | 0.0014   |       | 0.0003  | mg/L  |           | 21-JUL-06 | CLL |
|                                         |                                | Antimony (Sb)                       | 0.00006  |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|                                         |                                | Arsenic (As)                        | 0.00007  |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|                                         |                                | Barium (Ba)                         | 0.0227   |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|                                         |                                | Beryllium (Be)                      | <0.0002  |       | 0.0002  | mg/L  |           | 21-JUL-06 | CLL |
|                                         |                                | Boron (B)                           | 0.001    |       | 0.001   | mg/L  |           | 21-JUL-06 | CLL |
|                                         |                                | Cadmium (Cd)                        | <0.00005 |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|                                         |                                | Calcium (Ca)                        | 6.35     |       | 0.02    | mg/L  |           | 21-JUL-06 | CLL |
|                                         |                                | Chromium (Cr)                       | 0.00038  |       | 0.00006 | mg/L  |           | 21-JUL-06 | CLL |
|                                         |                                | Cobalt (Co)                         | <0.0001  |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|                                         |                                | Copper (Cu)                         | 0.0029   |       | 0.0006  | mg/L  |           | 21-JUL-06 | CLL |
|                                         |                                | Lead (Pb)                           | <0.00005 |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|                                         |                                | Magnesium (Mg)                      | 4.08     |       | 0.004   | mg/L  |           | 21-JUL-06 | CLL |
|                                         |                                | Manganese (Mn)                      | 0.0010   |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|                                         |                                | Mercury (Hg)                        | <0.00002 |       | 0.00002 | mg/L  |           | 21-JUL-06 | CLL |
|                                         |                                | Molybdenum (Mo)                     | <0.00006 |       | 0.00006 | mg/L  |           | 21-JUL-06 | CLL |
|                                         |                                | Nickel (Ni)                         | <0.00006 |       | 0.00006 | mg/L  |           | 21-JUL-06 | CLL |
|                                         |                                | Potassium (K)                       | 0.28     |       | 0.02    | mg/L  |           | 21-JUL-06 | CLL |
|                                         |                                | Selenium (Se)                       | <0.0001  |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|                                         |                                | Silver (Ag)                         | <0.0001  |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|                                         |                                | Sodium (Na)                         | 0.403    |       | 0.005   | mg/L  |           | 21-JUL-06 | CLL |
|                                         |                                | Strontium (Sr)                      | 0.0054   |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|                                         |                                | Uranium (U)                         | 0.00007  |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|                                         |                                | Vanadium (V)                        | <0.00005 |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|                                         |                                | Zinc (Zn)                           | <0.0008  |       | 0.0008  | mg/L  |           | 21-JUL-06 | CLL |



# ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

| Lab ID    | Sample ID                                      | Test Description | Result | Qual. | D.L.    | Units | Extracted | Analyzed  | By  |
|-----------|------------------------------------------------|------------------|--------|-------|---------|-------|-----------|-----------|-----|
| L409018-8 | KNIFE D-1 DUPLICATE KNIFE LAKE                 |                  |        |       |         |       |           |           |     |
|           | Sampled By: KL/SSP on 07-JUL-06 @ 20:40        |                  |        |       |         |       |           |           |     |
|           | Matrix: WATER                                  |                  |        |       |         |       |           |           |     |
|           | <b>Ultra-Low Metals</b>                        |                  |        |       |         |       |           |           |     |
|           | Iron (Fe)                                      | 0.013            |        |       | 0.005   | mg/L  |           | 27-JUL-06 | DDN |
|           | <b>Routine Water: Major Ions,F,Fe,Mn - Low</b> |                  |        |       |         |       |           |           |     |
|           | <b>Extractable Metals</b>                      |                  |        |       |         |       |           |           |     |
|           | Iron (Fe)-Extractable                          | 0.009            |        |       | 0.005   | mg/L  |           | 13-JUL-06 | HAS |
|           | Manganese (Mn)-Extractable                     | 0.001            |        |       | 0.001   | mg/L  |           | 13-JUL-06 | HAS |
|           | <b>ICP metals for routine water</b>            |                  |        |       |         |       |           |           |     |
|           | Calcium (Ca)                                   | 7.0              |        |       | 0.5     | mg/L  |           | 12-JUL-06 | MLH |
|           | Magnesium (Mg)                                 | 3.5              |        |       | 0.1     | mg/L  |           | 12-JUL-06 | MLH |
|           | Potassium (K)                                  | 0.3              |        |       | 0.1     | mg/L  |           | 12-JUL-06 | MLH |
|           | Sodium (Na)                                    | <1               |        |       | 1       | mg/L  |           | 12-JUL-06 | MLH |
|           | <b>Ion Balance Calculation</b>                 |                  |        |       |         |       |           |           |     |
|           | Hardness (as CaCO3)                            | 32               |        |       |         | mg/L  |           | 14-JUL-06 |     |
|           | Ion Balance                                    | Low EC           |        |       |         | %     |           | 14-JUL-06 |     |
|           | TDS (Calculated)                               | 33               |        |       |         | mg/L  |           | 14-JUL-06 |     |
|           | <b>pH, Conductivity and Total Alkalinity</b>   |                  |        |       |         |       |           |           |     |
|           | Alkalinity, Total (as CaCO3)                   | 34               |        |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|           | Bicarbonate (HCO3)                             | 41               |        |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|           | Carbonate (CO3)                                | <5               |        |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|           | Conductivity (EC)                              | 67.6             |        |       | 0.2     | uS/cm |           | 11-JUL-06 | PTT |
|           | Hydroxide (OH)                                 | <5               |        |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|           | pH                                             | 7.9              |        |       | 0.1     | pH    |           | 11-JUL-06 | PTT |
|           | Chloride (Cl)                                  | <1               |        |       | 1       | mg/L  |           | 12-JUL-06 | WYA |
|           | Fluoride (F)                                   | <0.05            |        |       | 0.05    | mg/L  |           | 11-JUL-06 | PTT |
|           | Nitrate+Nitrite-N                              | <0.006           |        |       | 0.006   | mg/L  |           | 10-JUL-06 | KMY |
|           | Nitrate-N                                      | <0.006           |        |       | 0.006   | mg/L  |           | 10-JUL-06 | KMY |
|           | Nitrite-N                                      | <0.002           |        |       | 0.002   | mg/L  |           | 10-JUL-06 | KMY |
|           | Sulphate (SO4)                                 | 1.59             |        |       | 0.05    | mg/L  |           | 12-JUL-06 | JWU |
|           | <b>Dissolved Metals</b>                        |                  |        |       |         |       |           |           |     |
|           | Silicon (Si)-Dissolved                         | 0.2              |        |       | 0.1     | mg/L  |           | 27-JUL-06 | DDN |
|           | <b>Total Metals</b>                            |                  |        |       |         |       |           |           |     |
|           | Silicon (Si)-Total                             | 0.2              |        |       | 0.1     | mg/L  |           | 27-JUL-06 | DDN |
|           | <b>Ultra-Low Metals</b>                        |                  |        |       |         |       |           |           |     |
|           | Arsenic (As)                                   | 0.00007          |        |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|           | Bismuth (Bi)                                   | <0.00003         |        |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|           | Lithium (Li)                                   | <0.0001          |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Mercury (Hg)                                   | <0.00002         |        |       | 0.00002 | mg/L  |           | 21-JUL-06 | CLL |
|           | Tin (Sn)                                       | 0.0017           |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | <b>Ultra-Low Metals - Dissolved</b>            |                  |        |       |         |       |           |           |     |
|           | Bismuth (Bi)                                   | <0.00003         |        |       | 0.00003 | mg/L  |           | 24-JUL-06 | CLL |
|           | Lithium (Li)                                   | <0.0001          |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Mercury (Hg)                                   | <0.00002         |        |       | 0.00002 | mg/L  |           | 24-JUL-06 | CLL |
|           | Tin (Sn)                                       | 0.0030           | RRV    |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Ammonia-N                                      | <0.005           |        |       | 0.005   | mg/L  |           | 11-JUL-06 | KMY |
|           | Phosphorus, Total                              | 0.002            |        |       | 0.001   | mg/L  |           | 17-JUL-06 | SHC |
|           | Total Organic Carbon                           | 2.2              |        |       | 0.5     | mg/L  |           | 12-JUL-06 | ZOW |
|           | Total Suspended Solids                         | <3               |        |       | 3       | mg/L  |           | 12-JUL-06 | SVG |
|           | Turbidity                                      | 0.15             |        |       | 0.1     | NTU   |           | 11-JUL-06 | BOC |
| L409018-9 | FIELD BLANK KNIFE LAKE                         |                  |        |       |         |       |           |           |     |
|           | Sampled By: KL/SSP on 07-JUL-06 @ 20:45        |                  |        |       |         |       |           |           |     |
|           | Matrix: WATER                                  |                  |        |       |         |       |           |           |     |

**ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT**

| Lab ID    | Sample ID                               | Test Description | Result | Qual.     | D.L.    | Units | Extracted | Analyzed  | By  |
|-----------|-----------------------------------------|------------------|--------|-----------|---------|-------|-----------|-----------|-----|
| L409018-9 | FIELD BLANK KNIFE LAKE                  |                  |        |           |         |       |           |           |     |
|           | Sampled By: KL/SSP on 07-JUL-06 @ 20:45 |                  |        |           |         |       |           |           |     |
|           | Matrix: WATER                           |                  |        |           |         |       |           |           |     |
|           | <b>Ultra-Low Metals - Dissolved</b>     |                  |        |           |         |       |           |           |     |
|           | <b>Ultra-Low Metals - Dissolved</b>     |                  |        |           |         |       |           |           |     |
|           | Aluminum (Al)                           | <0.0003          |        |           | 0.0003  | mg/L  |           | 24-JUL-06 | CLL |
|           | Antimony (Sb)                           | 0.00006          |        |           | 0.00003 | mg/L  |           | 24-JUL-06 | CLL |
|           | Arsenic (As)                            | <0.00003         |        |           | 0.00003 | mg/L  |           | 24-JUL-06 | CLL |
|           | Barium (Ba)                             | <0.00005         |        |           | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|           | Beryllium (Be)                          | <0.0002          |        |           | 0.0002  | mg/L  |           | 24-JUL-06 | CLL |
|           | Boron (B)                               | <0.001           |        |           | 0.001   | mg/L  |           | 24-JUL-06 | CLL |
|           | Cadmium (Cd)                            | <0.00005         |        |           | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|           | Calcium (Ca)                            | 0.05             |        |           | 0.02    | mg/L  |           | 24-JUL-06 | CLL |
|           | Chromium (Cr)                           | <0.00006         |        |           | 0.00006 | mg/L  |           | 24-JUL-06 | CLL |
|           | Cobalt (Co)                             | <0.0001          |        |           | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Copper (Cu)                             | <0.0006          |        |           | 0.0006  | mg/L  |           | 24-JUL-06 | CLL |
|           | Lead (Pb)                               | <0.00005         |        |           | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|           | Magnesium (Mg)                          | <0.004           |        |           | 0.004   | mg/L  |           | 24-JUL-06 | CLL |
|           | Manganese (Mn)                          | <0.0001          |        |           | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Mercury (Hg)                            | <0.00002         |        |           | 0.00002 | mg/L  |           | 24-JUL-06 | CLL |
|           | Molybdenum (Mo)                         | <0.00006         |        |           | 0.00006 | mg/L  |           | 24-JUL-06 | CLL |
|           | Nickel (Ni)                             | 0.00008          |        |           | 0.00006 | mg/L  |           | 24-JUL-06 | CLL |
|           | Potassium (K)                           | <0.02            |        |           | 0.02    | mg/L  |           | 24-JUL-06 | CLL |
|           | Selenium (Se)                           | <0.0001          |        |           | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Silver (Ag)                             | <0.0001          |        |           | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Sodium (Na)                             | 0.171            |        |           | 0.005   | mg/L  |           | 24-JUL-06 | CLL |
|           | Strontium (Sr)                          | 0.0001           |        |           | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Uranium (U)                             | <0.00005         |        |           | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|           | Vanadium (V)                            | <0.00005         |        |           | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|           | Zinc (Zn)                               | 0.0020           |        | RRVA<br>P | 0.0008  | mg/L  |           | 24-JUL-06 | CLL |
|           | Iron (Fe)                               | <0.005           |        |           | 0.005   | mg/L  |           | 27-JUL-06 | DDN |
|           | <b>Ultra-Low Metals</b>                 |                  |        |           |         |       |           |           |     |
|           | <b>Ultra-Low Metals</b>                 |                  |        |           |         |       |           |           |     |
|           | Aluminum (Al)                           | <0.0003          |        |           | 0.0003  | mg/L  |           | 21-JUL-06 | CLL |
|           | Antimony (Sb)                           | 0.00006          |        |           | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|           | Arsenic (As)                            | <0.00003         |        |           | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|           | Barium (Ba)                             | <0.00005         |        |           | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|           | Beryllium (Be)                          | <0.0002          |        |           | 0.0002  | mg/L  |           | 21-JUL-06 | CLL |
|           | Boron (B)                               | <0.001           |        |           | 0.001   | mg/L  |           | 21-JUL-06 | CLL |
|           | Cadmium (Cd)                            | <0.00005         |        |           | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|           | Calcium (Ca)                            | 0.02             |        |           | 0.02    | mg/L  |           | 21-JUL-06 | CLL |
|           | Chromium (Cr)                           | <0.00006         |        |           | 0.00006 | mg/L  |           | 21-JUL-06 | CLL |
|           | Cobalt (Co)                             | <0.0001          |        |           | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Copper (Cu)                             | <0.0006          |        |           | 0.0006  | mg/L  |           | 21-JUL-06 | CLL |
|           | Lead (Pb)                               | <0.00005         |        |           | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|           | Magnesium (Mg)                          | <0.004           |        |           | 0.004   | mg/L  |           | 21-JUL-06 | CLL |
|           | Manganese (Mn)                          | <0.0001          |        |           | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Mercury (Hg)                            | <0.00002         |        |           | 0.00002 | mg/L  |           | 21-JUL-06 | CLL |
|           | Molybdenum (Mo)                         | <0.00006         |        |           | 0.00006 | mg/L  |           | 21-JUL-06 | CLL |
|           | Nickel (Ni)                             | <0.00006         |        |           | 0.00006 | mg/L  |           | 21-JUL-06 | CLL |
|           | Potassium (K)                           | <0.02            |        |           | 0.02    | mg/L  |           | 21-JUL-06 | CLL |
|           | Selenium (Se)                           | <0.0001          |        |           | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Silver (Ag)                             | <0.0001          |        |           | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Sodium (Na)                             | 0.161            |        |           | 0.005   | mg/L  |           | 21-JUL-06 | CLL |
|           | Strontium (Sr)                          | <0.0001          |        |           | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Uranium (U)                             | <0.00005         |        |           | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|           | Vanadium (V)                            | <0.00005         |        |           | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |

# ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

| Lab ID    | Sample ID                                      | Test Description | Result | Qual. | D.L.    | Units | Extracted | Analyzed  | By  |
|-----------|------------------------------------------------|------------------|--------|-------|---------|-------|-----------|-----------|-----|
| L409018-9 | FIELD BLANK KNIFE LAKE                         |                  |        |       |         |       |           |           |     |
|           | Sampled By: KL/SSP on 07-JUL-06 @ 20:45        |                  |        |       |         |       |           |           |     |
|           | Matrix: WATER                                  |                  |        |       |         |       |           |           |     |
|           | <b>Ultra-Low Metals</b>                        |                  |        |       |         |       |           |           |     |
|           | <b>Ultra-Low Metals</b>                        |                  |        |       |         |       |           |           |     |
|           | Zinc (Zn)                                      | <0.0008          |        |       | 0.0008  | mg/L  |           | 21-JUL-06 | CLL |
|           | Iron (Fe)                                      | <0.005           |        |       | 0.005   | mg/L  |           | 27-JUL-06 | DDN |
|           | <b>Routine Water: Major Ions,F,Fe,Mn - Low</b> |                  |        |       |         |       |           |           |     |
|           | <b>Extractable Metals</b>                      |                  |        |       |         |       |           |           |     |
|           | Iron (Fe)-Extractable                          | <0.005           |        |       | 0.005   | mg/L  |           | 13-JUL-06 | HAS |
|           | Manganese (Mn)-Extractable                     | <0.001           |        |       | 0.001   | mg/L  |           | 13-JUL-06 | HAS |
|           | <b>ICP metals for routine water</b>            |                  |        |       |         |       |           |           |     |
|           | Calcium (Ca)                                   | <0.5             |        |       | 0.5     | mg/L  |           | 12-JUL-06 | MLH |
|           | Magnesium (Mg)                                 | <0.1             |        |       | 0.1     | mg/L  |           | 12-JUL-06 | MLH |
|           | Potassium (K)                                  | <0.1             |        |       | 0.1     | mg/L  |           | 12-JUL-06 | MLH |
|           | Sodium (Na)                                    | <1               |        |       | 1       | mg/L  |           | 12-JUL-06 | MLH |
|           | <b>Ion Balance Calculation</b>                 |                  |        |       |         |       |           |           |     |
|           | Hardness (as CaCO3)                            | <1               |        |       |         | mg/L  |           | 14-JUL-06 |     |
|           | Ion Balance                                    | Low TDS          |        |       |         | %     |           | 14-JUL-06 |     |
|           | TDS (Calculated)                               | <1               |        |       |         | mg/L  |           | 14-JUL-06 |     |
|           | <b>pH, Conductivity and Total Alkalinity</b>   |                  |        |       |         |       |           |           |     |
|           | Alkalinity, Total (as CaCO3)                   | <5               |        |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|           | Bicarbonate (HCO3)                             | <5               |        |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|           | Carbonate (CO3)                                | <5               |        |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|           | Conductivity (EC)                              | 1.1              |        |       | 0.2     | uS/cm |           | 11-JUL-06 | PTT |
|           | Hydroxide (OH)                                 | <5               |        |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|           | pH                                             | 6.1              |        |       | 0.1     | pH    |           | 11-JUL-06 | PTT |
|           | Chloride (Cl)                                  | <1               |        |       | 1       | mg/L  |           | 12-JUL-06 | WYA |
|           | Fluoride (F)                                   | <0.05            |        |       | 0.05    | mg/L  |           | 11-JUL-06 | PTT |
|           | Nitrate+Nitrite-N                              | <0.006           |        |       | 0.006   | mg/L  |           | 10-JUL-06 | KMY |
|           | Nitrate-N                                      | <0.006           |        |       | 0.006   | mg/L  |           | 10-JUL-06 | KMY |
|           | Nitrite-N                                      | <0.002           |        |       | 0.002   | mg/L  |           | 10-JUL-06 | KMY |
|           | Sulphate (SO4)                                 | <0.05            |        |       | 0.05    | mg/L  |           | 12-JUL-06 | JWU |
|           | <b>Dissolved Metals</b>                        |                  |        |       |         |       |           |           |     |
|           | Silicon (Si)-Dissolved                         | <0.1             |        |       | 0.1     | mg/L  |           | 27-JUL-06 | DDN |
|           | <b>Total Metals</b>                            |                  |        |       |         |       |           |           |     |
|           | Silicon (Si)-Total                             | <0.1             |        |       | 0.1     | mg/L  |           | 27-JUL-06 | DDN |
|           | <b>Ultra-Low Metals</b>                        |                  |        |       |         |       |           |           |     |
|           | Arsenic (As)                                   | <0.00003         |        |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|           | Bismuth (Bi)                                   | <0.00003         |        |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|           | Lithium (Li)                                   | <0.0001          |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | Mercury (Hg)                                   | <0.00002         |        |       | 0.00002 | mg/L  |           | 21-JUL-06 | CLL |
|           | Tin (Sn)                                       | 0.0010           |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|           | <b>Ultra-Low Metals - Dissolved</b>            |                  |        |       |         |       |           |           |     |
|           | Bismuth (Bi)                                   | <0.00003         |        |       | 0.00003 | mg/L  |           | 24-JUL-06 | CLL |
|           | Lithium (Li)                                   | <0.0001          |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Mercury (Hg)                                   | <0.00002         |        |       | 0.00002 | mg/L  |           | 24-JUL-06 | CLL |
|           | Tin (Sn)                                       | 0.0009           |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|           | Ammonia-N                                      | <0.005           |        |       | 0.005   | mg/L  |           | 11-JUL-06 | KMY |
|           | Phosphorus, Total                              | <0.001           |        |       | 0.001   | mg/L  |           | 17-JUL-06 | SHC |
|           | Total Organic Carbon                           | <0.5             |        |       | 0.5     | mg/L  |           | 12-JUL-06 | ZOW |
|           | Total Suspended Solids                         | <3               |        |       | 3       | mg/L  |           | 12-JUL-06 | SVG |
|           | Turbidity                                      | <0.1             |        |       | 0.1     | NTU   |           | 11-JUL-06 | BOC |

# ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

| Lab ID     | Sample ID                           | Test Description | Result | Qual. | D.L.    | Units | Extracted | Analyzed  | By  |
|------------|-------------------------------------|------------------|--------|-------|---------|-------|-----------|-----------|-----|
| L409018-10 | TRAVEL BLANK KNIFE LAKE             |                  |        |       |         |       |           |           |     |
|            | Sampled By: KL/SSP on 07-JUL-06     |                  |        |       |         |       |           |           |     |
|            | Matrix: WATER                       |                  |        |       |         |       |           |           |     |
|            | <b>Ultra-Low Metals - Dissolved</b> |                  |        |       |         |       |           |           |     |
|            | <b>Ultra-Low Metals - Dissolved</b> |                  |        |       |         |       |           |           |     |
|            | Aluminum (Al)                       | <0.0003          |        |       | 0.0003  | mg/L  |           | 24-JUL-06 | CLL |
|            | Antimony (Sb)                       | 0.00015          |        |       | 0.00003 | mg/L  |           | 24-JUL-06 | CLL |
|            | Arsenic (As)                        | <0.00003         |        |       | 0.00003 | mg/L  |           | 24-JUL-06 | CLL |
|            | Barium (Ba)                         | <0.00005         |        |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|            | Beryllium (Be)                      | <0.0002          |        |       | 0.0002  | mg/L  |           | 24-JUL-06 | CLL |
|            | Boron (B)                           | <0.001           |        |       | 0.001   | mg/L  |           | 24-JUL-06 | CLL |
|            | Cadmium (Cd)                        | <0.00005         |        |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|            | Calcium (Ca)                        | <0.02            |        |       | 0.02    | mg/L  |           | 24-JUL-06 | CLL |
|            | Chromium (Cr)                       | <0.00006         |        |       | 0.00006 | mg/L  |           | 24-JUL-06 | CLL |
|            | Cobalt (Co)                         | <0.0001          |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|            | Copper (Cu)                         | <0.0006          |        |       | 0.0006  | mg/L  |           | 24-JUL-06 | CLL |
|            | Lead (Pb)                           | <0.00005         |        |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|            | Magnesium (Mg)                      | <0.004           |        |       | 0.004   | mg/L  |           | 24-JUL-06 | CLL |
|            | Manganese (Mn)                      | <0.0001          |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|            | Mercury (Hg)                        | <0.00002         |        |       | 0.00002 | mg/L  |           | 24-JUL-06 | CLL |
|            | Molybdenum (Mo)                     | <0.00006         |        |       | 0.00006 | mg/L  |           | 24-JUL-06 | CLL |
|            | Nickel (Ni)                         | <0.00006         |        |       | 0.00006 | mg/L  |           | 24-JUL-06 | CLL |
|            | Potassium (K)                       | <0.02            |        |       | 0.02    | mg/L  |           | 24-JUL-06 | CLL |
|            | Selenium (Se)                       | <0.0001          |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|            | Silver (Ag)                         | <0.0001          |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|            | Sodium (Na)                         | <0.005           |        |       | 0.005   | mg/L  |           | 24-JUL-06 | CLL |
|            | Strontium (Sr)                      | <0.0001          |        |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|            | Uranium (U)                         | <0.00005         |        |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|            | Vanadium (V)                        | <0.00005         |        |       | 0.00005 | mg/L  |           | 24-JUL-06 | CLL |
|            | Zinc (Zn)                           | <0.0008          |        |       | 0.0008  | mg/L  |           | 24-JUL-06 | CLL |
|            | Iron (Fe)                           | <0.005           |        |       | 0.005   | mg/L  |           | 27-JUL-06 | DDN |
|            | <b>Ultra-Low Metals</b>             |                  |        |       |         |       |           |           |     |
|            | <b>Ultra-Low Metals</b>             |                  |        |       |         |       |           |           |     |
|            | Aluminum (Al)                       | <0.0003          |        |       | 0.0003  | mg/L  |           | 21-JUL-06 | CLL |
|            | Antimony (Sb)                       | 0.00020          | RRV    |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|            | Arsenic (As)                        | <0.00003         |        |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|            | Barium (Ba)                         | 0.00025          | RRV    |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|            | Beryllium (Be)                      | <0.0002          |        |       | 0.0002  | mg/L  |           | 21-JUL-06 | CLL |
|            | Boron (B)                           | <0.001           |        |       | 0.001   | mg/L  |           | 21-JUL-06 | CLL |
|            | Cadmium (Cd)                        | <0.00005         |        |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|            | Calcium (Ca)                        | <0.02            |        |       | 0.02    | mg/L  |           | 21-JUL-06 | CLL |
|            | Chromium (Cr)                       | <0.00006         |        |       | 0.00006 | mg/L  |           | 21-JUL-06 | CLL |
|            | Cobalt (Co)                         | <0.0001          |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|            | Copper (Cu)                         | 0.0030           | RRV    |       | 0.0006  | mg/L  |           | 21-JUL-06 | CLL |
|            | Lead (Pb)                           | 0.00005          | RRV    |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|            | Magnesium (Mg)                      | <0.004           |        |       | 0.004   | mg/L  |           | 21-JUL-06 | CLL |
|            | Manganese (Mn)                      | <0.0001          |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|            | Mercury (Hg)                        | <0.00002         |        |       | 0.00002 | mg/L  |           | 21-JUL-06 | CLL |
|            | Molybdenum (Mo)                     | <0.00006         |        |       | 0.00006 | mg/L  |           | 21-JUL-06 | CLL |
|            | Nickel (Ni)                         | <0.00006         |        |       | 0.00006 | mg/L  |           | 21-JUL-06 | CLL |
|            | Potassium (K)                       | <0.02            |        |       | 0.02    | mg/L  |           | 21-JUL-06 | CLL |
|            | Selenium (Se)                       | <0.0001          |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|            | Silver (Ag)                         | <0.0001          |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|            | Sodium (Na)                         | <0.005           |        |       | 0.005   | mg/L  |           | 21-JUL-06 | CLL |
|            | Strontium (Sr)                      | <0.0001          |        |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|            | Uranium (U)                         | <0.00005         |        |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|            | Vanadium (V)                        | <0.00005         |        |       | 0.00005 | mg/L  |           | 21-JUL-06 | CLL |
|            | Zinc (Zn)                           | <0.0008          |        |       | 0.0008  | mg/L  |           | 21-JUL-06 | CLL |

# ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

| Lab ID     | Sample ID                                         | Test Description | Result   | Qual. | D.L.    | Units | Extracted | Analyzed  | By  |
|------------|---------------------------------------------------|------------------|----------|-------|---------|-------|-----------|-----------|-----|
| L409018-10 | TRAVEL BLANK KNIFE LAKE                           |                  |          |       |         |       |           |           |     |
|            | Sampled By: KL/SSP on 07-JUL-06                   |                  |          |       |         |       |           |           |     |
|            | Matrix: WATER                                     |                  |          |       |         |       |           |           |     |
|            | <b>Ultra-Low Metals</b>                           |                  |          |       |         |       |           |           |     |
|            | Iron (Fe)                                         |                  | <0.005   |       | 0.005   | mg/L  |           | 27-JUL-06 | DDN |
|            | <b>Routine Water: Major Ions, F, Fe, Mn - Low</b> |                  |          |       |         |       |           |           |     |
|            | <b>Extractable Metals</b>                         |                  |          |       |         |       |           |           |     |
|            | Iron (Fe)-Extractable                             |                  | <0.005   |       | 0.005   | mg/L  |           | 13-JUL-06 | HAS |
|            | Manganese (Mn)-Extractable                        |                  | <0.001   |       | 0.001   | mg/L  |           | 13-JUL-06 | HAS |
|            | <b>ICP metals for routine water</b>               |                  |          |       |         |       |           |           |     |
|            | Calcium (Ca)                                      |                  | <0.5     |       | 0.5     | mg/L  |           | 13-JUL-06 | JWU |
|            | Magnesium (Mg)                                    |                  | <0.1     |       | 0.1     | mg/L  |           | 13-JUL-06 | JWU |
|            | Potassium (K)                                     |                  | <0.1     |       | 0.1     | mg/L  |           | 13-JUL-06 | JWU |
|            | Sodium (Na)                                       |                  | <1       |       | 1       | mg/L  |           | 13-JUL-06 | JWU |
|            | <b>Ion Balance Calculation</b>                    |                  |          |       |         |       |           |           |     |
|            | Hardness (as CaCO3)                               |                  | <1       |       |         | mg/L  |           | 14-JUL-06 |     |
|            | Ion Balance                                       |                  | Low TDS  |       |         | %     |           | 14-JUL-06 |     |
|            | TDS (Calculated)                                  |                  | <1       |       |         | mg/L  |           | 14-JUL-06 |     |
|            | <b>pH, Conductivity and Total Alkalinity</b>      |                  |          |       |         |       |           |           |     |
|            | Alkalinity, Total (as CaCO3)                      |                  | <5       |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|            | Bicarbonate (HCO3)                                |                  | <5       |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|            | Carbonate (CO3)                                   |                  | <5       |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|            | Conductivity (EC)                                 |                  | 0.9      |       | 0.2     | uS/cm |           | 11-JUL-06 | PTT |
|            | Hydroxide (OH)                                    |                  | <5       |       | 5       | mg/L  |           | 11-JUL-06 | PTT |
|            | pH                                                |                  | 5.5      |       | 0.1     | pH    |           | 11-JUL-06 | PTT |
|            | Chloride (Cl)                                     |                  | <1       |       | 1       | mg/L  |           | 12-JUL-06 | WYA |
|            | Fluoride (F)                                      |                  | <0.05    |       | 0.05    | mg/L  |           | 11-JUL-06 | PTT |
|            | Nitrate+Nitrite-N                                 |                  | <0.006   |       | 0.006   | mg/L  |           | 10-JUL-06 | KMY |
|            | Nitrate-N                                         |                  | <0.006   |       | 0.006   | mg/L  |           | 10-JUL-06 | KMY |
|            | Nitrite-N                                         |                  | <0.002   |       | 0.002   | mg/L  |           | 10-JUL-06 | KMY |
|            | Sulphate (SO4)                                    |                  | <0.05    |       | 0.05    | mg/L  |           | 12-JUL-06 | JWU |
|            | <b>Dissolved Metals</b>                           |                  |          |       |         |       |           |           |     |
|            | Silicon (Si)-Dissolved                            |                  | <0.1     |       | 0.1     | mg/L  |           | 27-JUL-06 | DDN |
|            | <b>Total Metals</b>                               |                  |          |       |         |       |           |           |     |
|            | Silicon (Si)-Total                                |                  | <0.1     |       | 0.1     | mg/L  |           | 27-JUL-06 | DDN |
|            | <b>Ultra-Low Metals</b>                           |                  |          |       |         |       |           |           |     |
|            | Arsenic (As)                                      |                  | <0.00003 |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|            | Bismuth (Bi)                                      |                  | <0.00003 |       | 0.00003 | mg/L  |           | 21-JUL-06 | CLL |
|            | Lithium (Li)                                      |                  | <0.0001  |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|            | Mercury (Hg)                                      |                  | <0.00002 |       | 0.00002 | mg/L  |           | 21-JUL-06 | CLL |
|            | Tin (Sn)                                          |                  | <0.0001  |       | 0.0001  | mg/L  |           | 21-JUL-06 | CLL |
|            | <b>Ultra-Low Metals - Dissolved</b>               |                  |          |       |         |       |           |           |     |
|            | Bismuth (Bi)                                      |                  | <0.00003 |       | 0.00003 | mg/L  |           | 24-JUL-06 | CLL |
|            | Lithium (Li)                                      |                  | <0.0001  |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|            | Mercury (Hg)                                      |                  | <0.00002 |       | 0.00002 | mg/L  |           | 24-JUL-06 | CLL |
|            | Tin (Sn)                                          |                  | <0.0001  |       | 0.0001  | mg/L  |           | 24-JUL-06 | CLL |
|            | Ammonia-N                                         |                  | <0.005   |       | 0.005   | mg/L  |           | 11-JUL-06 | KMY |
|            | Phosphorus, Total                                 |                  | <0.001   |       | 0.001   | mg/L  |           | 17-JUL-06 | SHC |
|            | Total Organic Carbon                              |                  | <0.5     |       | 0.5     | mg/L  |           | 12-JUL-06 | ZOW |
|            | Total Suspended Solids                            |                  | <3       |       | 3       | mg/L  |           | 12-JUL-06 | SVG |
|            | Turbidity                                         |                  | <0.1     |       | 0.1     | NTU   |           | 11-JUL-06 | BOC |
|            |                                                   |                  |          |       |         |       |           |           |     |

## Reference Information

**Sample Parameter Qualifier key listed:**

| Qualifier | Description                                   |
|-----------|-----------------------------------------------|
| CF        | Confirmation required                         |
| RRV       | Reported Result Verified By Repeat Analysis   |
| RRVAP     | Reported Result Verified by Alternate Process |

**Methods Listed (if applicable):**

| ALS Test Code      | Matrix | Test Description                      | Preparation Method Reference(Based On) | Analytical Method Reference(Based On) |
|--------------------|--------|---------------------------------------|----------------------------------------|---------------------------------------|
| AS-ULTRA-ED        | Water  | Arsenic (As)                          |                                        | EPA 6020                              |
| BI-ULTRA-DIS-ED    | Water  | Bismuth (Bi)-Dissolved                |                                        | EPA 6020                              |
| BI-ULTRA-ED        | Water  | Bismuth (Bi)                          |                                        | EPA 6020                              |
| C-TOT-ORG-LOW-ED   | Water  | Total Organic Carbon                  |                                        | APHA 5310 B                           |
| CL-ED              | Water  | Chloride (Cl)                         |                                        | APHA 4500-CL E                        |
| ETL-ROUTINE-LOW-ED | Water  | ICP metals for routine water          |                                        | APHA 3120 B                           |
| F-ED               | Water  | Fluoride (F)                          |                                        | APHA 4500-F C                         |
| FE-EXT-ED          | Water  | Iron (Fe)-Extractable                 |                                        | EPA 200.7                             |
| HG-ULTRA-DIS-ED    | Water  | Mercury (Hg) - Dissolved              |                                        | EPA 6020                              |
| HG-ULTRA-ED        | Water  | Mercury (Hg)                          |                                        | EPA 6020                              |
| IONBALANCE-ED      | Water  | Ion Balance Calculation               |                                        | APHA 1030 E                           |
| LI-ULTRA-DIS-ED    | Water  | Lithium (Li)-Dissolved                |                                        | EPA 6020                              |
| LI-ULTRA-ED        | Water  | Lithium (Li)                          |                                        | EPA 6020                              |
| MET1-ULTRA-DIS-ED  | Water  | Ultra-Low Metals - Dissolved          |                                        | EPA 6020                              |
| MET1-ULTRA-ED      | Water  | Ultra-Low Metals                      |                                        | EPA 6020                              |
| MET2-ULTRA-DIS-ED  | Water  | Major Metals - Dissolved              |                                        | EPA 200.7                             |
| MET2-ULTRA-ED      | Water  | Major Metals                          |                                        | EPA 200.7                             |
| MN-EXT-ED          | Water  | Manganese (Mn)-Extractable            |                                        | EPA 200.7                             |
| N2N3-LOW-ED        | Water  | Nitrate+Nitrite-N                     |                                        | APHA 4500-NO3 I                       |
| NH4-LOW-ED         | Water  | Ammonia-N                             |                                        | APHA 4500-NH3 F                       |
| NO2-LOW-ED         | Water  | Nitrite-N                             |                                        | APHA 4500-NO2-LOW                     |
| NO3-LOW-ED         | Water  | Nitrate-N                             |                                        | APHA 4500-NO3 I                       |
| P-TOTAL-LOW-ED     | Water  | Phosphorus, Total                     |                                        | APHA 4500-P E-LOW                     |
| PH/EC/ALK-ED       | Water  | pH, Conductivity and Total Alkalinity |                                        | APHA 4500H,2510,2320                  |
| SI-DIS-ED          | Water  | Silicon (Si)-Dissolved                |                                        | EPA 200.7                             |
| SI-TOT-ED          | Water  | Silicon (Si)-Total                    |                                        | EPA 200.7                             |
| SN-ULTRA-DIS-ED    | Water  | Tin (Sn)-Dissolved                    |                                        | EPA 6020                              |
| SN-ULTRA-ED        | Water  | Tin (Sn)                              |                                        | EPA 6020                              |
| SO4-LOW-ED         | Water  | Sulfate (SO4)                         |                                        | APHA 4110 B-LOW                       |
| SOLIDS-TOTSUS-ED   | Water  | Total Suspended Solids                |                                        | APHA 2540 D                           |
| TURBIDITY-ED       | Water  | Turbidity                             |                                        | APHA 2130 B                           |

\*\* Laboratory Methods employed follow in-house procedures, which are generally based on nationally or internationally accepted methodologies.

## Reference Information

---

Chain of Custody numbers:

---

261021

*The last two letters of the above test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:*

---

| Laboratory Definition Code | Laboratory Location                                 | Laboratory Definition Code | Laboratory Location |
|----------------------------|-----------------------------------------------------|----------------------------|---------------------|
| ED                         | ALS LABORATORY GROUP -<br>EDMONTON, ALBERTA, CANADA |                            |                     |

---

*Test results reported relate only to the samples as received by the laboratory.*

*UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.*

*UNLESS OTHERWISE STATED, SAMPLES ARE NOT CORRECTED FOR CLIENT FIELD BLANKS.*

*Although test results are generated under strict QA/QC protocols, any unsigned test reports, faxes, or emails are considered preliminary.*

*ALS Laboratory Group has an extensive QA/QC program where all analytical data reported is analyzed using approved referenced procedures followed by checks and reviews by senior managers and quality assurance personnel. However, since the results are obtained from chemical measurements and thus cannot be guaranteed, ALS Laboratory Group assumes no liability for the use or interpretation of the results.*



**Environmental Division**

**ALS Laboratory Group Quality Control Report**

Workorder: L409018

Report Date: 09-AUG-06

Page 1 of 14

Client: EBA ENG CONSULTANTS LTD  
201, 4916 49 STREET  
YELLOWKNIFE NT X1A 2P7

Contact: SHIRLEY STANDAFER-PFISTER

| Test                           | Matrix  | Reference           | Result   | Qualifier | Units | RPD | Limit   | Analyzed  |
|--------------------------------|---------|---------------------|----------|-----------|-------|-----|---------|-----------|
| <b><u>AS-ULTRA-ED</u></b>      |         | <b><u>Water</u></b> |          |           |       |     |         |           |
| Batch                          | R423030 |                     |          |           |       |     |         |           |
| WG471093-2                     | CRM     | 1643E WATER         |          |           |       |     |         |           |
| Arsenic (As)                   |         |                     | 91       |           | %     |     | 84-105  | 21-JUL-06 |
| WG471093-1                     | MB      |                     |          |           |       |     |         |           |
| Arsenic (As)                   |         |                     | <0.00003 |           | mg/L  |     | 0.00015 | 21-JUL-06 |
| <b><u>BI-ULTRA-DIS-ED</u></b>  |         | <b><u>Water</u></b> |          |           |       |     |         |           |
| Batch                          | R423337 |                     |          |           |       |     |         |           |
| WG472204-2                     | CRM     | 1643E WATER         |          |           |       |     |         |           |
| Bismuth (Bi)                   |         |                     | 99       |           | %     |     | 84-115  | 24-JUL-06 |
| WG472204-1                     | MB      |                     |          |           |       |     |         |           |
| Bismuth (Bi)                   |         |                     | <0.00003 |           | mg/L  |     | 0.00015 | 24-JUL-06 |
| <b><u>BI-ULTRA-ED</u></b>      |         | <b><u>Water</u></b> |          |           |       |     |         |           |
| Batch                          | R423030 |                     |          |           |       |     |         |           |
| WG471093-2                     | CRM     | 1643E WATER         |          |           |       |     |         |           |
| Bismuth (Bi)                   |         |                     | 95       |           | %     |     | 84-115  | 21-JUL-06 |
| WG471093-5                     | DUP     | L409286-11          |          |           |       |     |         |           |
| Bismuth (Bi)                   |         | <0.00003            | <0.00003 | RPD-NA    | mg/L  | N/A | 26      | 21-JUL-06 |
| WG471093-1                     | MB      |                     |          |           |       |     |         |           |
| Bismuth (Bi)                   |         |                     | <0.00003 |           | mg/L  |     | 0.00015 | 21-JUL-06 |
| <b><u>C-TOT-ORG-LOW-ED</u></b> |         | <b><u>Water</u></b> |          |           |       |     |         |           |
| Batch                          | R418301 |                     |          |           |       |     |         |           |
| WG466375-7                     | DUP     | L409018-6           |          |           |       |     |         |           |
| Total Organic Carbon           |         | 4.4                 | 4.6      | J         | mg/L  | 0.1 | 2       | 11-JUL-06 |
| WG466375-3                     | MB      |                     |          |           |       |     |         |           |
| Total Organic Carbon           |         |                     | 0.5      |           | mg/L  |     | 0.5     | 11-JUL-06 |
| WG466375-9                     | MB      |                     |          |           |       |     |         |           |
| Total Organic Carbon           |         |                     | <0.5     |           | mg/L  |     | 0.5     | 11-JUL-06 |
| WG466375-8                     | MS      | L409018-6           |          |           |       |     |         |           |
| Total Organic Carbon           |         |                     | 99       |           | %     |     | 77-116  | 11-JUL-06 |
| Batch                          | R418884 |                     |          |           |       |     |         |           |
| WG467188-5                     | DUP     | L409018-10          |          |           |       |     |         |           |
| Total Organic Carbon           |         | <0.5                | <0.5     | RPD-NA    | mg/L  | N/A | 10      | 12-JUL-06 |
| WG467188-7                     | DUP     | L409286-10          |          |           |       |     |         |           |
| Total Organic Carbon           |         | 0.6                 | 0.6      | J         | mg/L  | 0.1 | 2       | 13-JUL-06 |
| WG467188-3                     | LCS     |                     |          |           |       |     |         |           |
| Total Organic Carbon           |         |                     | 97       |           | %     |     | 89-109  | 12-JUL-06 |
| WG467188-4                     | LCS     |                     |          |           |       |     |         |           |
| Total Organic Carbon           |         |                     | 124      |           | %     |     | 105-135 | 12-JUL-06 |



# ALS Laboratory Group Quality Control Report

Workorder: L409018

Report Date: 09-AUG-06

Page 2 of 14

| Test                             | Matrix  | Reference           | Result | Qualifier | Units | RPD  | Limit  | Analyzed  |
|----------------------------------|---------|---------------------|--------|-----------|-------|------|--------|-----------|
| <b><u>C-TOT-ORG-LOW-ED</u></b>   |         | <b><u>Water</u></b> |        |           |       |      |        |           |
| Batch                            | R418884 |                     |        |           |       |      |        |           |
| WG467188-1                       | MB      |                     |        |           |       |      |        |           |
| Total Organic Carbon             |         |                     | <0.5   |           | mg/L  |      | 0.5    | 12-JUL-06 |
| WG467188-2                       | MB      |                     |        |           |       |      |        |           |
| Total Organic Carbon             |         |                     | <0.5   |           | mg/L  |      | 0.5    | 12-JUL-06 |
| WG467188-6                       | MS      | L409018-10          |        |           |       |      |        |           |
| Total Organic Carbon             |         |                     | 102    |           | %     |      | 77-116 | 12-JUL-06 |
| WG467188-8                       | MS      | L409286-10          |        |           |       |      |        |           |
| Total Organic Carbon             |         |                     | 111    |           | %     |      | 77-116 | 13-JUL-06 |
| <b><u>CL-ED</u></b>              |         | <b><u>Water</u></b> |        |           |       |      |        |           |
| Batch                            | R418798 |                     |        |           |       |      |        |           |
| WG466804-20                      | DUP     | L409612-1           |        |           |       |      |        |           |
| Chloride (Cl)                    |         | 1                   | 1      | J         | mg/L  | 0    | 4      | 12-JUL-06 |
| WG466804-5                       | DUP     | L409546-4           |        |           |       |      |        |           |
| Chloride (Cl)                    |         | 1                   | 2      | J         | mg/L  | 0    | 4      | 12-JUL-06 |
| WG466804-2                       | LCS     |                     |        |           |       |      |        |           |
| Chloride (Cl)                    |         |                     | 98     |           | %     |      | 92-112 | 12-JUL-06 |
| WG466804-3                       | LCS     |                     |        |           |       |      |        |           |
| Chloride (Cl)                    |         |                     | 102    |           | %     |      | 93-113 | 12-JUL-06 |
| WG466804-1                       | MB      |                     |        |           |       |      |        |           |
| Chloride (Cl)                    |         |                     | <1     |           | mg/L  |      | 1      | 12-JUL-06 |
| WG466804-21                      | MS      | L409612-1           |        |           |       |      |        |           |
| Chloride (Cl)                    |         |                     | 99     |           | %     |      | 86-117 | 12-JUL-06 |
| WG466804-6                       | MS      | L409546-4           |        |           |       |      |        |           |
| Chloride (Cl)                    |         |                     | 99     |           | %     |      | 86-117 | 12-JUL-06 |
| <b><u>ETL-ROUTINE-LOW-ED</u></b> |         | <b><u>Water</u></b> |        |           |       |      |        |           |
| Batch                            | R418687 |                     |        |           |       |      |        |           |
| WG466676-3                       | CRM     | ION-915 WATER       |        |           |       |      |        |           |
| Calcium (Ca)                     |         |                     | 109    |           | %     |      | 94-114 | 12-JUL-06 |
| Magnesium (Mg)                   |         |                     | 110    |           | %     |      | 91-111 | 12-JUL-06 |
| Potassium (K)                    |         |                     | 107    |           | %     |      | 94-117 | 12-JUL-06 |
| Sodium (Na)                      |         |                     | 105    |           | %     |      | 95-114 | 12-JUL-06 |
| WG466676-6                       | DUP     | L409304-1           |        |           |       |      |        |           |
| Calcium (Ca)                     |         | 23.3                | 23.2   |           | mg/L  | 0.29 | 14     | 12-JUL-06 |
| Magnesium (Mg)                   |         | 8.5                 | 8.4    |           | mg/L  | 1.8  | 10     | 12-JUL-06 |
| Potassium (K)                    |         | 4.7                 | 4.6    |           | mg/L  | 2.0  | 15     | 12-JUL-06 |
| Sodium (Na)                      |         | 20                  | 19     |           | mg/L  | 1.3  | 10     | 12-JUL-06 |
| WG466676-1                       | MB      |                     |        |           |       |      |        |           |

# ALS Laboratory Group Quality Control Report

Workorder: L409018

Report Date: 09-AUG-06

Page 3 of 14

| Test               | Matrix  | Reference     | Result | Qualifier | Units | RPD | Limit  | Analyzed  |
|--------------------|---------|---------------|--------|-----------|-------|-----|--------|-----------|
| ETL-ROUTINE-LOW-ED |         | Water         |        |           |       |     |        |           |
| Batch              | R418687 |               |        |           |       |     |        |           |
| WG466676-1         | MB      |               |        |           |       |     |        |           |
| Calcium (Ca)       |         |               | <0.5   |           | mg/L  |     | 2.5    | 12-JUL-06 |
| Magnesium (Mg)     |         |               | <0.1   |           | mg/L  |     | 0.5    | 12-JUL-06 |
| Potassium (K)      |         |               | <0.1   |           | mg/L  |     | 0.5    | 12-JUL-06 |
| Sodium (Na)        |         |               | <1     |           | mg/L  |     | 5      | 12-JUL-06 |
| WG466676-5         | MS      | L409018-10    |        |           |       |     |        |           |
| Calcium (Ca)       |         |               | 99     |           | %     |     | 87-121 | 12-JUL-06 |
| Magnesium (Mg)     |         |               | 98     |           | %     |     | 82-116 | 12-JUL-06 |
| Potassium (K)      |         |               | 94     |           | %     |     | 88-115 | 12-JUL-06 |
| Sodium (Na)        |         |               | 97     |           | %     |     | 87-119 | 12-JUL-06 |
| WG466676-7         | MS      | L409304-1     |        |           |       |     |        |           |
| Calcium (Ca)       |         |               | 108    |           | %     |     | 87-121 | 13-JUL-06 |
| Magnesium (Mg)     |         |               | 101    |           | %     |     | 82-116 | 13-JUL-06 |
| Potassium (K)      |         |               | 103    |           | %     |     | 88-115 | 13-JUL-06 |
| Sodium (Na)        |         |               | 96     |           | %     |     | 87-119 | 13-JUL-06 |
| Batch              | R419057 |               |        |           |       |     |        |           |
| WG467261-4         | CRM     | ION-915 WATER |        |           |       |     |        |           |
| Calcium (Ca)       |         |               | 108    |           | %     |     | 94-114 | 13-JUL-06 |
| Magnesium (Mg)     |         |               | 106    |           | %     |     | 91-111 | 13-JUL-06 |
| Potassium (K)      |         |               | 98     |           | %     |     | 94-117 | 13-JUL-06 |
| Sodium (Na)        |         |               | 105    |           | %     |     | 95-114 | 13-JUL-06 |
| WG467261-3         | LCS     |               |        |           |       |     |        |           |
| Calcium (Ca)       |         |               | 108    |           | %     |     | 63-138 | 13-JUL-06 |
| Magnesium (Mg)     |         |               | 106    |           | %     |     | 63-138 | 13-JUL-06 |
| Potassium (K)      |         |               | 98     |           | %     |     | 63-138 | 13-JUL-06 |
| Sodium (Na)        |         |               | 105    |           | %     |     | 63-138 | 13-JUL-06 |
| WG467261-1         | MB      |               |        |           |       |     |        |           |
| Calcium (Ca)       |         |               | <0.5   |           | mg/L  |     | 2.5    | 13-JUL-06 |
| Magnesium (Mg)     |         |               | <0.1   |           | mg/L  |     | 0.5    | 13-JUL-06 |
| Potassium (K)      |         |               | <0.1   |           | mg/L  |     | 0.5    | 13-JUL-06 |
| Sodium (Na)        |         |               | <1     |           | mg/L  |     | 5      | 13-JUL-06 |

**F-ED**

**Water**

# ALS Laboratory Group Quality Control Report

Workorder: L409018

Report Date: 09-AUG-06

Page 4 of 14

| Test                     | Matrix  | Reference    | Result   | Qualifier | Units | RPD  | Limit  | Analyzed  |
|--------------------------|---------|--------------|----------|-----------|-------|------|--------|-----------|
| <u>F-ED</u>              |         | <u>Water</u> |          |           |       |      |        |           |
| Batch                    | R418613 |              |          |           |       |      |        |           |
| WG466537-4               | DUP     | L408554-4    |          |           |       |      |        |           |
| Fluoride (F)             |         | 0.22         | 0.22     | J         | mg/L  | 0.00 | 0.2    | 11-JUL-06 |
| WG466537-3               | LCS     |              | 96       |           | %     |      | 90-112 | 11-JUL-06 |
| Fluoride (F)             |         |              |          |           |       |      |        |           |
| <u>FE-EXT-ED</u>         |         | <u>Water</u> |          |           |       |      |        |           |
| Batch                    | R419575 |              |          |           |       |      |        |           |
| WG467393-2               | DUP     | L409018-9    |          |           |       |      |        |           |
| Iron (Fe)-Extractable    |         | <0.005       | <0.005   | RPD-NA    | mg/L  | N/A  | 12     | 13-JUL-06 |
| WG467393-1               | MB      |              | <0.005   |           | mg/L  |      | 0.025  | 13-JUL-06 |
| Iron (Fe)-Extractable    |         |              |          |           |       |      |        |           |
| WG467393-3               | MS      | L409018-10   | 101      |           | %     |      | 85-112 | 13-JUL-06 |
| Iron (Fe)-Extractable    |         |              |          |           |       |      |        |           |
| <u>HG-ULTRA-DIS-ED</u>   |         | <u>Water</u> |          |           |       |      |        |           |
| Batch                    | R423337 |              |          |           |       |      |        |           |
| WG472204-1               | MB      |              | <0.00002 |           | mg/L  |      | 0.0001 | 24-JUL-06 |
| Mercury (Hg)             |         |              |          |           |       |      |        |           |
| <u>HG-ULTRA-ED</u>       |         | <u>Water</u> |          |           |       |      |        |           |
| Batch                    | R423030 |              |          |           |       |      |        |           |
| WG471093-1               | MB      |              | <0.00002 |           | mg/L  |      | 0.0001 | 21-JUL-06 |
| Mercury (Hg)             |         |              |          |           |       |      |        |           |
| <u>LI-ULTRA-DIS-ED</u>   |         | <u>Water</u> |          |           |       |      |        |           |
| Batch                    | R423337 |              |          |           |       |      |        |           |
| WG472204-1               | MB      |              | <0.0001  |           | mg/L  |      | 0.0005 | 24-JUL-06 |
| Lithium (Li)             |         |              |          |           |       |      |        |           |
| <u>LI-ULTRA-ED</u>       |         | <u>Water</u> |          |           |       |      |        |           |
| Batch                    | R423030 |              |          |           |       |      |        |           |
| WG471093-5               | DUP     | L409286-11   | <0.0001  | RPD-NA    | mg/L  | N/A  | 11     | 21-JUL-06 |
| Lithium (Li)             |         |              |          |           |       |      |        |           |
| WG471093-1               | MB      |              | <0.0001  |           | mg/L  |      | 0.0005 | 21-JUL-06 |
| Lithium (Li)             |         |              |          |           |       |      |        |           |
| <u>MET1-ULTRA-DIS-ED</u> |         | <u>Water</u> |          |           |       |      |        |           |

# ALS Laboratory Group Quality Control Report

Workorder: L409018

Report Date: 09-AUG-06

Page 5 of 14

| Test                            | Matrix     | Reference           | Result   | Qualifier | Units | RPD | Limit   | Analyzed  |
|---------------------------------|------------|---------------------|----------|-----------|-------|-----|---------|-----------|
| <b><u>MET1-ULTRA-DIS-ED</u></b> |            | <b><u>Water</u></b> |          |           |       |     |         |           |
| Batch                           | R423337    |                     |          |           |       |     |         |           |
| <b>WG472204-2</b>               | <b>CRM</b> | <b>1643E WATER</b>  |          |           |       |     |         |           |
| Aluminum (Al)                   |            |                     | 105      |           | %     |     | 91-123  | 24-JUL-06 |
| Antimony (Sb)                   |            |                     | 96       |           | %     |     | 86-108  | 24-JUL-06 |
| Arsenic (As)                    |            |                     | 94       |           | %     |     | 84-105  | 24-JUL-06 |
| Barium (Ba)                     |            |                     | 98       |           | %     |     | 88-109  | 24-JUL-06 |
| Beryllium (Be)                  |            |                     | 92       |           | %     |     | 78-113  | 24-JUL-06 |
| Boron (B)                       |            |                     | 102      |           | %     |     | 80-116  | 24-JUL-06 |
| Cadmium (Cd)                    |            |                     | 99       |           | %     |     | 87-109  | 24-JUL-06 |
| Calcium (Ca)                    |            |                     | 92       |           | %     |     | 86-111  | 24-JUL-06 |
| Chromium (Cr)                   |            |                     | 104      |           | %     |     | 91-116  | 24-JUL-06 |
| Cobalt (Co)                     |            |                     | 97       |           | %     |     | 89-109  | 24-JUL-06 |
| Copper (Cu)                     |            |                     | 101      |           | %     |     | 90-112  | 24-JUL-06 |
| Lead (Pb)                       |            |                     | 99       |           | %     |     | 89-110  | 24-JUL-06 |
| Magnesium (Mg)                  |            |                     | 99       |           | %     |     | 89-113  | 24-JUL-06 |
| Manganese (Mn)                  |            |                     | 134      |           | %     |     | 120-150 | 24-JUL-06 |
| Molybdenum (Mo)                 |            |                     | 98       |           | %     |     | 88-111  | 24-JUL-06 |
| Nickel (Ni)                     |            |                     | 97       |           | %     |     | 88-110  | 24-JUL-06 |
| Potassium (K)                   |            |                     | 104      |           | %     |     | 88-120  | 24-JUL-06 |
| Selenium (Se)                   |            |                     | 85       |           | %     |     | 78-106  | 24-JUL-06 |
| Sodium (Na)                     |            |                     | 98       |           | %     |     | 87-114  | 24-JUL-06 |
| Strontium (Sr)                  |            |                     | 99       |           | %     |     | 84-119  | 24-JUL-06 |
| Vanadium (V)                    |            |                     | 99       |           | %     |     | 88-114  | 24-JUL-06 |
| Zinc (Zn)                       |            |                     | 98       |           | %     |     | 78-119  | 24-JUL-06 |
| <b>WG472204-1</b>               | <b>MB</b>  |                     |          |           |       |     |         |           |
| Aluminum (Al)                   |            |                     | <0.0003  |           | mg/L  |     | 0.0015  | 24-JUL-06 |
| Antimony (Sb)                   |            |                     | <0.00003 |           | mg/L  |     | 0.00015 | 24-JUL-06 |
| Arsenic (As)                    |            |                     | <0.00003 |           | mg/L  |     | 0.00015 | 24-JUL-06 |
| Barium (Ba)                     |            |                     | <0.00005 |           | mg/L  |     | 0.00025 | 24-JUL-06 |
| Beryllium (Be)                  |            |                     | <0.0002  |           | mg/L  |     | 0.001   | 24-JUL-06 |
| Boron (B)                       |            |                     | 0.001    |           | mg/L  |     | 0.005   | 24-JUL-06 |
| Cadmium (Cd)                    |            |                     | <0.00005 |           | mg/L  |     | 0.00025 | 24-JUL-06 |
| Calcium (Ca)                    |            |                     | <0.02    |           | mg/L  |     | 0.1     | 24-JUL-06 |
| Chromium (Cr)                   |            |                     | <0.00006 |           | mg/L  |     | 0.0003  | 24-JUL-06 |
| Cobalt (Co)                     |            |                     | <0.0001  |           | mg/L  |     | 0.0005  | 24-JUL-06 |

# ALS Laboratory Group Quality Control Report

Workorder: L409018

Report Date: 09-AUG-06

Page 6 of 14

| Test                            | Matrix     | Reference           | Result   | Qualifier | Units | RPD | Limit   | Analyzed  |
|---------------------------------|------------|---------------------|----------|-----------|-------|-----|---------|-----------|
| <b><u>MET1-ULTRA-DIS-ED</u></b> |            | <b><u>Water</u></b> |          |           |       |     |         |           |
| Batch                           | R423337    |                     |          |           |       |     |         |           |
| <b>WG472204-1</b>               | <b>MB</b>  |                     |          |           |       |     |         |           |
| Copper (Cu)                     |            |                     | <0.0006  |           | mg/L  |     | 0.003   | 24-JUL-06 |
| Iron (Fe)                       |            |                     | <0.005   |           | mg/L  |     | 0.025   | 24-JUL-06 |
| Lead (Pb)                       |            |                     | <0.00005 |           | mg/L  |     | 0.00025 | 24-JUL-06 |
| Magnesium (Mg)                  |            |                     | <0.004   |           | mg/L  |     | 0.02    | 24-JUL-06 |
| Manganese (Mn)                  |            |                     | <0.0001  |           | mg/L  |     | 0.0005  | 24-JUL-06 |
| Mercury (Hg)                    |            |                     | <0.00002 |           | mg/L  |     | 0.0001  | 24-JUL-06 |
| Molybdenum (Mo)                 |            |                     | <0.00006 |           | mg/L  |     | 0.0003  | 24-JUL-06 |
| Nickel (Ni)                     |            |                     | <0.00006 |           | mg/L  |     | 0.0003  | 24-JUL-06 |
| Potassium (K)                   |            |                     | <0.02    |           | mg/L  |     | 0.1     | 24-JUL-06 |
| Selenium (Se)                   |            |                     | <0.0001  |           | mg/L  |     | 0.0005  | 24-JUL-06 |
| Silver (Ag)                     |            |                     | <0.0001  |           | mg/L  |     | 0.0005  | 24-JUL-06 |
| Sodium (Na)                     |            |                     | <0.005   |           | mg/L  |     | 0.025   | 24-JUL-06 |
| Strontium (Sr)                  |            |                     | <0.0001  |           | mg/L  |     | 0.0005  | 24-JUL-06 |
| Uranium (U)                     |            |                     | <0.00005 |           | mg/L  |     | 0.00025 | 24-JUL-06 |
| Vanadium (V)                    |            |                     | <0.00005 |           | mg/L  |     | 0.00025 | 24-JUL-06 |
| Zinc (Zn)                       |            |                     | <0.0008  |           | mg/L  |     | 0.004   | 24-JUL-06 |
| <b><u>MET1-ULTRA-ED</u></b>     |            | <b><u>Water</u></b> |          |           |       |     |         |           |
| Batch                           | R423030    |                     |          |           |       |     |         |           |
| <b>WG471093-2</b>               | <b>CRM</b> | <b>1643E WATER</b>  |          |           |       |     |         |           |
| Aluminum (Al)                   |            |                     | 101      |           | %     |     | 91-123  | 21-JUL-06 |
| Antimony (Sb)                   |            |                     | 93       |           | %     |     | 86-108  | 21-JUL-06 |
| Arsenic (As)                    |            |                     | 91       |           | %     |     | 84-105  | 21-JUL-06 |
| Barium (Ba)                     |            |                     | 94       |           | %     |     | 88-109  | 21-JUL-06 |
| Beryllium (Be)                  |            |                     | 96       |           | %     |     | 78-113  | 21-JUL-06 |
| Boron (B)                       |            |                     | 94       |           | %     |     | 80-116  | 21-JUL-06 |
| Cadmium (Cd)                    |            |                     | 93       |           | %     |     | 87-109  | 21-JUL-06 |
| Calcium (Ca)                    |            |                     | 91       |           | %     |     | 86-111  | 21-JUL-06 |
| Chromium (Cr)                   |            |                     | 107      |           | %     |     | 91-116  | 21-JUL-06 |
| Cobalt (Co)                     |            |                     | 94       |           | %     |     | 89-109  | 21-JUL-06 |
| Copper (Cu)                     |            |                     | 98       |           | %     |     | 90-112  | 21-JUL-06 |
| Lead (Pb)                       |            |                     | 96       |           | %     |     | 89-110  | 21-JUL-06 |
| Magnesium (Mg)                  |            |                     | 92       |           | %     |     | 89-113  | 21-JUL-06 |
| Manganese (Mn)                  |            |                     | 129      |           | %     |     | 120-150 | 21-JUL-06 |

# ALS Laboratory Group Quality Control Report

Workorder: L409018

Report Date: 09-AUG-06

Page 7 of 14

| Test                 | Matrix  | Reference    | Result   | Qualifier | Units | RPD     | Limit   | Analyzed  |
|----------------------|---------|--------------|----------|-----------|-------|---------|---------|-----------|
| <b>MET1-ULTRA-ED</b> |         | <b>Water</b> |          |           |       |         |         |           |
| Batch                | R423030 |              |          |           |       |         |         |           |
| WG471093-2           | CRM     | 1643E WATER  |          |           |       |         |         |           |
| Molybdenum (Mo)      |         |              | 94       |           | %     |         | 88-111  | 21-JUL-06 |
| Nickel (Ni)          |         |              | 95       |           | %     |         | 88-110  | 21-JUL-06 |
| Potassium (K)        |         |              | 102      |           | %     |         | 88-119  | 21-JUL-06 |
| Selenium (Se)        |         |              | 95       |           | %     |         | 78-106  | 21-JUL-06 |
| Silver (Ag)          |         |              | 56       |           | %     |         | 23-119  | 21-JUL-06 |
| Sodium (Na)          |         |              | 92       |           | %     |         | 87-114  | 21-JUL-06 |
| Strontium (Sr)       |         |              | 94       |           | %     |         | 84-119  | 21-JUL-06 |
| Vanadium (V)         |         |              | 94       |           | %     |         | 86-112  | 21-JUL-06 |
| Zinc (Zn)            |         |              | 99       |           | %     |         | 78-119  | 21-JUL-06 |
| WG471093-5           | DUP     | L409286-11   |          |           |       |         |         |           |
| Aluminum (Al)        |         | <0.0003      | <0.0003  | RPD-NA    | mg/L  | N/A     | 18      | 21-JUL-06 |
| Antimony (Sb)        |         | 0.00008      | 0.00008  | J         | mg/L  | 0.00000 | 0.00012 | 21-JUL-06 |
| Arsenic (As)         |         | <0.00003     | <0.00003 | RPD-NA    | mg/L  | N/A     | 17      | 21-JUL-06 |
| Barium (Ba)          |         | <0.00005     | <0.00005 | RPD-NA    | mg/L  | N/A     | 15      | 21-JUL-06 |
| Beryllium (Be)       |         | <0.0002      | <0.0002  | RPD-NA    | mg/L  | N/A     | 26      | 21-JUL-06 |
| Boron (B)            |         | <0.001       | <0.001   | RPD-NA    | mg/L  | N/A     | 12      | 21-JUL-06 |
| Cadmium (Cd)         |         | <0.00005     | <0.00005 | RPD-NA    | mg/L  | N/A     | 31      | 21-JUL-06 |
| Calcium (Ca)         |         | <0.02        | <0.02    | RPD-NA    | mg/L  | N/A     | 9.8     | 21-JUL-06 |
| Chromium (Cr)        |         | <0.00006     | <0.00006 | RPD-NA    | mg/L  | N/A     | 28      | 21-JUL-06 |
| Cobalt (Co)          |         | <0.0001      | <0.0001  | RPD-NA    | mg/L  | N/A     | 15      | 21-JUL-06 |
| Copper (Cu)          |         | <0.0006      | <0.0006  | RPD-NA    | mg/L  | N/A     | 25      | 21-JUL-06 |
| Iron (Fe)            |         | <0.005       | <0.005   | RPD-NA    | mg/L  | N/A     | 18      | 21-JUL-06 |
| Lead (Pb)            |         | <0.00005     | <0.00005 | RPD-NA    | mg/L  | N/A     | 24      | 21-JUL-06 |
| Magnesium (Mg)       |         | <0.004       | <0.004   | RPD-NA    | mg/L  | N/A     | 9.8     | 21-JUL-06 |
| Manganese (Mn)       |         | <0.0001      | <0.0001  | RPD-NA    | mg/L  | N/A     | 10      | 21-JUL-06 |
| Mercury (Hg)         |         | <0.00002     | <0.00002 | RPD-NA    | mg/L  | N/A     | 33      | 21-JUL-06 |
| Molybdenum (Mo)      |         | <0.00006     | <0.00006 | RPD-NA    | mg/L  | N/A     | 15      | 21-JUL-06 |
| Nickel (Ni)          |         | <0.00006     | <0.00006 | RPD-NA    | mg/L  | N/A     | 13      | 21-JUL-06 |
| Potassium (K)        |         | <0.02        | <0.02    | RPD-NA    | mg/L  | N/A     | 9.8     | 21-JUL-06 |
| Selenium (Se)        |         | <0.0001      | <0.0001  | RPD-NA    | mg/L  | N/A     | 29      | 21-JUL-06 |
| Silver (Ag)          |         | <0.0001      | <0.0001  | RPD-NA    | mg/L  | N/A     | 33      | 21-JUL-06 |
| Sodium (Na)          |         | 0.148        | 0.148    |           | mg/L  | 0.51    | 9.8     | 21-JUL-06 |
| Strontium (Sr)       |         | <0.0001      | <0.0001  | RPD-NA    | mg/L  | N/A     | 9.5     | 21-JUL-06 |

## ALS Laboratory Group Quality Control Report

**Workorder: L409018**

Report Date: 09-AUG-06

Page 8 of 14

| Test              | Matrix  | Reference  | Result   | Qualifier | Units | RPD | Limit   | Analyzed  |
|-------------------|---------|------------|----------|-----------|-------|-----|---------|-----------|
| MET1-ULTRA-ED     |         | Water      |          |           |       |     |         |           |
| Batch             | R423030 |            |          |           |       |     |         |           |
| WG471093-5        | DUP     | L409286-11 |          |           |       |     |         |           |
| Uranium (U)       |         | <0.00005   | <0.00005 | RPD-NA    | mg/L  | N/A | 10      | 21-JUL-06 |
| Vanadium (V)      |         | <0.00005   | <0.00005 | RPD-NA    | mg/L  | N/A | 27      | 21-JUL-06 |
| Zinc (Zn)         |         | <0.0008    | <0.0008  | RPD-NA    | mg/L  | N/A | 33      | 21-JUL-06 |
| WG471093-1        | MB      |            |          |           |       |     |         |           |
| Aluminum (Al)     |         |            | <0.0003  |           | mg/L  |     | 0.0015  | 21-JUL-06 |
| Antimony (Sb)     |         |            | <0.00003 |           | mg/L  |     | 0.00015 | 21-JUL-06 |
| Arsenic (As)      |         |            | <0.00003 |           | mg/L  |     | 0.00015 | 21-JUL-06 |
| Barium (Ba)       |         |            | <0.00005 |           | mg/L  |     | 0.00025 | 21-JUL-06 |
| Beryllium (Be)    |         |            | <0.0002  |           | mg/L  |     | 0.001   | 21-JUL-06 |
| Boron (B)         |         |            | 0.001    |           | mg/L  |     | 0.005   | 21-JUL-06 |
| Cadmium (Cd)      |         |            | <0.00005 |           | mg/L  |     | 0.00025 | 21-JUL-06 |
| Calcium (Ca)      |         |            | <0.02    |           | mg/L  |     | 0.1     | 21-JUL-06 |
| Chromium (Cr)     |         |            | 0.00010  |           | mg/L  |     | 0.0003  | 21-JUL-06 |
| Cobalt (Co)       |         |            | <0.0001  |           | mg/L  |     | 0.0005  | 21-JUL-06 |
| Copper (Cu)       |         |            | <0.0006  |           | mg/L  |     | 0.003   | 21-JUL-06 |
| Iron (Fe)         |         |            | <0.005   |           | mg/L  |     | 0.025   | 21-JUL-06 |
| Lead (Pb)         |         |            | <0.00005 |           | mg/L  |     | 0.00025 | 21-JUL-06 |
| Magnesium (Mg)    |         |            | <0.004   |           | mg/L  |     | 0.02    | 21-JUL-06 |
| Manganese (Mn)    |         |            | <0.0001  |           | mg/L  |     | 0.0005  | 21-JUL-06 |
| Mercury (Hg)      |         |            | <0.00002 |           | mg/L  |     | 0.0001  | 21-JUL-06 |
| Molybdenum (Mo)   |         |            | <0.00006 |           | mg/L  |     | 0.0003  | 21-JUL-06 |
| Nickel (Ni)       |         |            | <0.00006 |           | mg/L  |     | 0.0003  | 21-JUL-06 |
| Potassium (K)     |         |            | <0.02    |           | mg/L  |     | 0.1     | 21-JUL-06 |
| Selenium (Se)     |         |            | <0.0001  |           | mg/L  |     | 0.0005  | 21-JUL-06 |
| Silver (Ag)       |         |            | <0.0001  |           | mg/L  |     | 0.0005  | 21-JUL-06 |
| Sodium (Na)       |         |            | <0.005   |           | mg/L  |     | 0.025   | 21-JUL-06 |
| Strontium (Sr)    |         |            | <0.0001  |           | mg/L  |     | 0.0005  | 21-JUL-06 |
| Uranium (U)       |         |            | <0.00005 |           | mg/L  |     | 0.00025 | 21-JUL-06 |
| Vanadium (V)      |         |            | <0.00005 |           | mg/L  |     | 0.00025 | 21-JUL-06 |
| Zinc (Zn)         |         |            | <0.0008  |           | mg/L  |     | 0.004   | 21-JUL-06 |
| MET2-ULTRA-DIS-ED |         | Water      |          |           |       |     |         |           |

# ALS Laboratory Group Quality Control Report

Report Date: 09-AUG-06

Page 9 of 14

| Test                       | Matrix  | Reference           | Result | Qualifier | Units | RPD   | Limit  | Analyzed  |
|----------------------------|---------|---------------------|--------|-----------|-------|-------|--------|-----------|
| <b>MET2-ULTRA-DIS-ED</b>   |         | <b><u>Water</u></b> |        |           |       |       |        |           |
| Batch                      | R424409 |                     |        |           |       |       |        |           |
| WG473663-2                 | DUP     | L409018-5           |        |           |       |       |        |           |
| Iron (Fe)                  |         | 0.012               | 0.012  | J         | mg/L  | 0.000 | 0.02   | 27-JUL-06 |
| WG473663-4                 | DUP     | L409018-10          |        |           |       |       |        |           |
| Iron (Fe)                  |         | <0.005              | <0.005 | RPD-NA    | mg/L  | N/A   | 13     | 27-JUL-06 |
| WG473663-6                 | DUP     | L353620-36          |        |           |       |       |        |           |
| Iron (Fe)                  |         | <0.005              | <0.005 | RPD-NA    | mg/L  | N/A   | 13     | 27-JUL-06 |
| WG473663-1                 | MB      |                     |        |           |       |       |        |           |
| Iron (Fe)                  |         |                     | <0.005 |           | mg/L  |       | 0.025  | 27-JUL-06 |
| WG473663-3                 | MS      | L409018-5           |        |           |       |       |        |           |
| Iron (Fe)                  |         |                     | 98     |           | %     |       | 88-111 | 27-JUL-06 |
| WG473663-5                 | MS      | L409018-10          |        |           |       |       |        |           |
| Iron (Fe)                  |         |                     | 97     |           | %     |       | 88-111 | 27-JUL-06 |
| <b>MET2-ULTRA-ED</b>       |         | <b><u>Water</u></b> |        |           |       |       |        |           |
| Batch                      | R424409 |                     |        |           |       |       |        |           |
| WG473663-1                 | MB      |                     |        |           |       |       |        |           |
| Iron (Fe)                  |         |                     | <0.005 |           | mg/L  |       | 0.025  | 27-JUL-06 |
| <b>MN-EXT-ED</b>           |         | <b><u>Water</u></b> |        |           |       |       |        |           |
| Batch                      | R419575 |                     |        |           |       |       |        |           |
| WG467393-2                 | DUP     | L409018-9           |        |           |       |       |        |           |
| Manganese (Mn)-Extractable |         | <0.001              | <0.001 | RPD-NA    | mg/L  | N/A   | 26     | 13-JUL-06 |
| WG467393-1                 | MB      |                     |        |           |       |       |        |           |
| Manganese (Mn)-Extractable |         |                     | <0.001 |           | mg/L  |       | 0.001  | 13-JUL-06 |
| WG467393-3                 | MS      | L409018-10          |        |           |       |       |        |           |
| Manganese (Mn)-Extractable |         |                     | 100    |           | %     |       | 63-138 | 13-JUL-06 |
| <b>N2N3-LOW-ED</b>         |         | <b><u>Water</u></b> |        |           |       |       |        |           |
| Batch                      | R418217 |                     |        |           |       |       |        |           |
| WG466291-4                 | DUP     | L409018-8           |        |           |       |       |        |           |
| Nitrate+Nitrite-N          |         | <0.006              | <0.006 | RPD-NA    | mg/L  | N/A   | 10     | 10-JUL-06 |
| WG466291-3                 | LCS     |                     |        |           |       |       |        |           |
| Nitrate+Nitrite-N          |         |                     | 100    |           | %     |       | 89-108 | 10-JUL-06 |
| WG466291-2                 | MB      |                     |        |           |       |       |        |           |
| Nitrate+Nitrite-N          |         |                     | <0.006 |           | mg/L  |       | 0.006  | 10-JUL-06 |
| WG466291-5                 | MS      | L409018-10          |        |           |       |       |        |           |
| Nitrate+Nitrite-N          |         |                     | 97     |           | %     |       | 70-132 | 10-JUL-06 |
| <b>NH4-LOW-ED</b>          |         | <b><u>Water</u></b> |        |           |       |       |        |           |



# ALS Laboratory Group Quality Control Report

Workorder: L409018

Report Date: 09-AUG-06

Page 10 of 14

| Test                  | Matrix  | Reference    | Result | Qualifier | Units | RPD   | Limit  | Analyzed  |
|-----------------------|---------|--------------|--------|-----------|-------|-------|--------|-----------|
| <b>NH4-LOW-ED</b>     |         | <b>Water</b> |        |           |       |       |        |           |
| Batch                 | R418332 |              |        |           |       |       |        |           |
| WG466187-10           | DUP     | L409018-10   |        |           |       |       |        |           |
| Ammonia-N             |         | <0.005       | <0.005 | RPD-NA    | mg/L  | N/A   | 10     | 11-JUL-06 |
| WG466187-6            | DUP     | L406873-22   |        |           |       |       |        |           |
| Ammonia-N             |         | <0.005       | <0.005 | RPD-NA    | mg/L  | N/A   | 10     | 11-JUL-06 |
| WG466187-8            | DUP     | L408319-2    |        |           |       |       |        |           |
| Ammonia-N             |         | 0.021        | 0.023  | J         | mg/L  | 0.001 | 0.02   | 11-JUL-06 |
| WG466187-2            | LCS     |              |        |           |       |       |        |           |
| Ammonia-N             |         |              | 108    |           | %     |       | 80-118 | 11-JUL-06 |
| WG466187-3            | LCS     |              |        |           |       |       |        |           |
| Ammonia-N             |         |              | 106    |           | %     |       | 81-118 | 11-JUL-06 |
| WG466187-1            | MB      |              |        |           |       |       |        |           |
| Ammonia-N             |         |              | <0.005 |           | mg/L  |       | 0.005  | 11-JUL-06 |
| WG466187-5            | MS      | L406873-12   |        |           |       |       |        |           |
| Ammonia-N             |         |              | 100    |           | %     |       | 84-120 | 11-JUL-06 |
| WG466187-7            | MS      | L407945-1    |        |           |       |       |        |           |
| Ammonia-N             |         |              | 90     |           | %     |       | 84-120 | 11-JUL-06 |
| WG466187-9            | MS      | L409018-3    |        |           |       |       |        |           |
| Ammonia-N             |         |              | 89     |           | %     |       | 84-120 | 11-JUL-06 |
| <b>NO2-LOW-ED</b>     |         | <b>Water</b> |        |           |       |       |        |           |
| Batch                 | R418217 |              |        |           |       |       |        |           |
| WG466291-4            | DUP     | L409018-8    |        |           |       |       |        |           |
| Nitrite-N             |         | <0.002       | <0.002 | RPD-NA    | mg/L  | N/A   | 9.1    | 10-JUL-06 |
| WG466291-3            | LCS     |              |        |           |       |       |        |           |
| Nitrite-N             |         |              | 100    |           | %     |       | 90-108 | 10-JUL-06 |
| WG466291-2            | MB      |              |        |           |       |       |        |           |
| Nitrite-N             |         |              | <0.002 |           | mg/L  |       | 0.002  | 10-JUL-06 |
| WG466291-5            | MS      | L409018-10   |        |           |       |       |        |           |
| Nitrite-N             |         |              | 101    |           | %     |       | 78-122 | 10-JUL-06 |
| <b>P-TOTAL-LOW-ED</b> |         | <b>Water</b> |        |           |       |       |        |           |
| Batch                 | R420516 |              |        |           |       |       |        |           |
| WG468466-4            | DUP     | L408411-1    |        |           |       |       |        |           |
| Phosphorus, Total     |         | 0.163        | 0.158  |           | mg/L  | 3.1   | 9.7    | 17-JUL-06 |
| WG468466-5            | DUP     | L409018-3    |        |           |       |       |        |           |
| Phosphorus, Total     |         | 0.004        | 0.004  | J         | mg/L  | 0.001 | 0.004  | 17-JUL-06 |
| WG468466-2            | LCS     |              |        |           |       |       |        |           |
| Phosphorus, Total     |         |              | 99     |           | %     |       | 80-116 | 17-JUL-06 |
| WG468466-1            | MB      |              |        |           |       |       |        |           |

# ALS Laboratory Group Quality Control Report

Report Date: 09-AUG-06

Page 11 of 14

| Test                         | Matrix  | Reference           | Result | Qualifier | Units | RPD  | Limit   | Analyzed  |
|------------------------------|---------|---------------------|--------|-----------|-------|------|---------|-----------|
| <b><u>P-TOTAL-LOW-ED</u></b> |         | <b><u>Water</u></b> |        |           |       |      |         |           |
| Batch                        | R420516 |                     |        |           |       |      |         |           |
| WG468466-1                   | MB      |                     |        |           |       |      |         |           |
| Phosphorus, Total            |         |                     | <0.001 |           | mg/L  |      | 0.001   | 17-JUL-06 |
| WG468466-6                   | MS      | L407864-3           |        |           |       |      |         |           |
| Phosphorus, Total            |         |                     | 98     |           | %     |      | 74-124  | 17-JUL-06 |
| WG468466-7                   | MS      | L409018-10          |        |           |       |      |         |           |
| Phosphorus, Total            |         |                     | 96     |           | %     |      | 74-124  | 17-JUL-06 |
| <b><u>PH/EC/ALK-ED</u></b>   |         | <b><u>Water</u></b> |        |           |       |      |         |           |
| Batch                        | R418613 |                     |        |           |       |      |         |           |
| WG466537-5                   | DUP     | L408534-20          |        |           |       |      |         |           |
| Alkalinity, Total (as CaCO3) |         | 590                 | 592    |           | mg/L  | 0.33 | 6.5     | 12-JUL-06 |
| Bicarbonate (HCO3)           |         | 720                 | 722    |           | mg/L  | 0.33 | 26      | 12-JUL-06 |
| Carbonate (CO3)              |         | <5                  | <5     | RPD-NA    | mg/L  | N/A  | 26      | 12-JUL-06 |
| Conductivity (EC)            |         | 1730                | 1750   |           | uS/cm | 0.98 | 7.1     | 12-JUL-06 |
| Hydroxide (OH)               |         | <5                  | <5     | RPD-NA    | mg/L  | N/A  | 26      | 12-JUL-06 |
| pH                           |         | 7.6                 | 7.7    | J         | pH    | 0.1  | 0.2     | 12-JUL-06 |
| WG466537-1                   | LCS     |                     |        |           |       |      |         |           |
| Conductivity (EC)            |         |                     | 99     |           | %     |      | 94-106  | 11-JUL-06 |
| WG466537-2                   | LCS     |                     |        |           |       |      |         |           |
| pH                           |         |                     | 7.0    |           | pH    |      | 6.9-7.1 | 11-JUL-06 |
| WG466537-3                   | LCS     |                     |        |           |       |      |         |           |
| Alkalinity, Total (as CaCO3) |         |                     | 101    |           | %     |      | 90-110  | 11-JUL-06 |
| <b><u>SI-DIS-ED</u></b>      |         | <b><u>Water</u></b> |        |           |       |      |         |           |
| Batch                        | R424409 |                     |        |           |       |      |         |           |
| WG473663-2                   | DUP     | L409018-5           |        |           |       |      |         |           |
| Silicon (Si)-Dissolved       |         | 0.6                 | 0.6    | J         | mg/L  | 0.0  | 0.4     | 27-JUL-06 |
| WG473663-4                   | DUP     | L409018-10          |        |           |       |      |         |           |
| Silicon (Si)-Dissolved       |         | <0.1                | <0.1   | RPD-NA    | mg/L  | N/A  | 26      | 27-JUL-06 |
| WG473663-6                   | DUP     | L353620-36          |        |           |       |      |         |           |
| Silicon (Si)-Dissolved       |         | <0.1                | <0.1   | RPD-NA    | mg/L  | N/A  | 26      | 27-JUL-06 |
| WG473663-1                   | MB      |                     |        |           |       |      |         |           |
| Silicon (Si)-Dissolved       |         |                     | <0.1   |           | mg/L  |      | 0.1     | 27-JUL-06 |
| WG473663-3                   | MS      | L409018-5           |        |           |       |      |         |           |
| Silicon (Si)-Dissolved       |         |                     | 100    |           | %     |      | 63-138  | 27-JUL-06 |
| WG473663-5                   | MS      | L409018-10          |        |           |       |      |         |           |
| Silicon (Si)-Dissolved       |         |                     | 98     |           | %     |      | 63-138  | 27-JUL-06 |
| <b><u>SI-TOT-ED</u></b>      |         | <b><u>Water</u></b> |        |           |       |      |         |           |

# ALS Laboratory Group Quality Control Report

Workorder: L409018

Report Date: 09-AUG-06

Page 12 of 14

| Test                           | Matrix  | Reference  | Result  | Qualifier | Units | RPD    | Limit  | Analyzed  |
|--------------------------------|---------|------------|---------|-----------|-------|--------|--------|-----------|
| <b><u>SI-TOT-ED</u></b>        |         |            |         |           |       |        |        |           |
| <b>Water</b>                   |         |            |         |           |       |        |        |           |
| Batch                          | R424409 |            |         |           |       |        |        |           |
| WG473663-1                     | MB      |            |         |           |       |        |        |           |
| Silicon (Si)-Total             |         |            | <0.1    |           | mg/L  |        | 0.1    | 27-JUL-06 |
| <b><u>SN-ULTRA-DIS-ED</u></b>  |         |            |         |           |       |        |        |           |
| <b>Water</b>                   |         |            |         |           |       |        |        |           |
| Batch                          | R423337 |            |         |           |       |        |        |           |
| WG472204-1                     | MB      |            |         |           |       |        |        |           |
| Tin (Sn)                       |         |            | <0.0001 |           | mg/L  |        | 0.0005 | 24-JUL-06 |
| <b><u>SN-ULTRA-ED</u></b>      |         |            |         |           |       |        |        |           |
| <b>Water</b>                   |         |            |         |           |       |        |        |           |
| Batch                          | R423030 |            |         |           |       |        |        |           |
| WG471093-5                     | DUP     | L409286-11 |         |           |       |        |        |           |
| Tin (Sn)                       |         | 0.0006     | 0.0006  | J         | mg/L  | 0.0000 | 0.0004 | 21-JUL-06 |
| WG471093-1                     | MB      |            |         |           |       |        |        |           |
| Tin (Sn)                       |         |            | <0.0001 |           | mg/L  |        | 0.0005 | 21-JUL-06 |
| <b><u>SO4-LOW-ED</u></b>       |         |            |         |           |       |        |        |           |
| <b>Water</b>                   |         |            |         |           |       |        |        |           |
| Batch                          | R418352 |            |         |           |       |        |        |           |
| WG466430-19                    | DUP     | L410369-8  |         |           |       |        |        |           |
| Sulphate (SO4)                 |         | <0.05      | <0.05   | RPD-NA    | mg/L  | N/A    | 11     | 14-JUL-06 |
| WG466430-7                     | DUP     | L409018-6  |         |           |       |        |        |           |
| Sulphate (SO4)                 |         | 0.89       | 0.89    |           | mg/L  | 0.45   | 11     | 12-JUL-06 |
| WG466430-9                     | DUP     | L409286-12 |         |           |       |        |        |           |
| Sulphate (SO4)                 |         | <0.05      | <0.05   | RPD-NA    | mg/L  | N/A    | 11     | 12-JUL-06 |
| WG466430-2                     | LCS     |            |         |           |       |        |        |           |
| Sulphate (SO4)                 |         |            | 101     |           | %     |        | 88-110 | 10-JUL-06 |
| WG466430-1                     | MB      |            |         |           |       |        |        |           |
| Sulphate (SO4)                 |         |            | <0.05   |           | mg/L  |        | 0.05   | 10-JUL-06 |
| WG466430-10                    | MS      | L409286-12 |         |           |       |        |        |           |
| Sulphate (SO4)                 |         |            | 107     |           | %     |        | 79-118 | 12-JUL-06 |
| WG466430-20                    | MS      | L410369-8  |         |           |       |        |        |           |
| Sulphate (SO4)                 |         |            | 106     |           | %     |        | 79-118 | 14-JUL-06 |
| WG466430-8                     | MS      | L409018-6  |         |           |       |        |        |           |
| Sulphate (SO4)                 |         |            | 107     |           | %     |        | 79-118 | 12-JUL-06 |
| <b><u>SOLIDS-TOTSUS-ED</u></b> |         |            |         |           |       |        |        |           |
| <b>Water</b>                   |         |            |         |           |       |        |        |           |
| Batch                          | R418660 |            |         |           |       |        |        |           |
| WG466602-4                     | DUP     | L409182-2  |         |           |       |        |        |           |
| Total Suspended Solids         |         | 47         | 51      |           | mg/L  | 8.2    | 14     | 12-JUL-06 |
| WG466602-5                     | DUP     | L409472-6  |         |           |       |        |        |           |

# ALS Laboratory Group Quality Control Report

Workorder: L409018

Report Date: 09-AUG-06

Page 13 of 14

| Test                           | Matrix  | Reference           | Result | Qualifier | Units | RPD | Limit  | Analyzed  |
|--------------------------------|---------|---------------------|--------|-----------|-------|-----|--------|-----------|
| <b><u>SOLIDS-TOTSUS-ED</u></b> |         | <b><u>Water</u></b> |        |           |       |     |        |           |
| Batch                          | R418660 |                     |        |           |       |     |        |           |
| WG466602-5                     | DUP     | L409472-6           |        |           |       |     |        |           |
| Total Suspended Solids         |         | <3                  | <3     | RPD-NA    | mg/L  | N/A | 14     | 12-JUL-06 |
| WG466602-2                     | LCS     |                     |        |           |       |     |        |           |
| Total Suspended Solids         |         |                     | 98     |           | %     |     | 83-111 | 12-JUL-06 |
| WG466602-3                     | LCS     |                     |        |           |       |     |        |           |
| Total Suspended Solids         |         |                     | 92     |           | %     |     | 83-111 | 12-JUL-06 |
| WG466602-1                     | MB      |                     |        |           |       |     |        |           |
| Total Suspended Solids         |         |                     | <3     |           | mg/L  |     | 3      | 12-JUL-06 |
| <b><u>TURBIDITY-ED</u></b>     |         | <b><u>Water</u></b> |        |           |       |     |        |           |
| Batch                          | R418721 |                     |        |           |       |     |        |           |
| WG466385-2                     | DUP     | L409018-1           |        |           |       |     |        |           |
| Turbidity                      |         | 0.30                | 0.30   | J         | NTU   | 0.0 | 0.4    | 11-JUL-06 |
| WG466385-3                     | DUP     | L409018-10          |        |           |       |     |        |           |
| Turbidity                      |         | <0.1                | <0.1   | RPD-NA    | NTU   | N/A | 8.8    | 11-JUL-06 |
| WG466385-1                     | MB      |                     |        |           |       |     |        |           |
| Turbidity                      |         |                     | <0.1   |           | NTU   |     | 0.1    | 11-JUL-06 |

## **ALS Laboratory Group Quality Control Report**

Workorder: L409018

Report Date: 09-AUG-06

Page 14 of 14

### Legend:

|       |                                                     |
|-------|-----------------------------------------------------|
| Limit | 99% Confidence Interval (Laboratory Control Limits) |
| DUP   | Duplicate                                           |
| RPD   | Relative Percent Difference                         |
| N/A   | Not Available                                       |
| LCS   | Laboratory Control Sample                           |
| SRM   | Standard Reference Material                         |
| MS    | Matrix Spike                                        |
| MSD   | Matrix Spike Duplicate                              |
| ADE   | Average Desorption Efficiency                       |
| MB    | Method Blank                                        |
| IRM   | Internal Reference Material                         |
| CRM   | Certified Reference Material                        |
| CCV   | Continuing Calibration Verification                 |
| CVS   | Calibration Verification Standard                   |
| LCSD  | Laboratory Control Sample Duplicate                 |

### Qualifier:

|        |                                                                                                                                                                       |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RPD-NA | Relative Percent Difference Not Available due to result(s) being less than detection limit.                                                                           |
| A      | Method blank exceeds acceptance limit. Blank correction not applied, unless the qualifier "RAMB" (result adjusted for method blank) appears in the Analytical Report. |
| B      | Method blank result exceeds acceptance limit, however, it is less than 5% of sample concentration. Blank correction not applied.                                      |
| E      | Matrix spike recovery may fall outside the acceptance limits due to high sample background.                                                                           |
| F      | Silver recovery low, likely due to elevated chloride levels in sample.                                                                                                |
| G      | Outlier - No assignable cause for nonconformity has been determined.                                                                                                  |
| J      | Duplicate results and limit(s) are expressed in terms of absolute difference.                                                                                         |
| K      | The sample referenced above is of a non-standard matrix type; standard QC acceptance criteria may not be achievable.                                                  |

[illegible]