



**COGEMA Mining, Inc.**

**IRIGARAY and CHRISTENSEN RANCH PROJECTS**

**2003 ANNUAL EFFULUENT AND MONITORING REPORT**

**January 1 through December 31, 2003**

**NRC Source Material License No. SUA-1341**

**Docket No. 40-8502**

**And**

**SEMI-ANNUAL MONITORING REPORT**

**July 1 through December 31, 2003**

**WDEQ Permit To Mine No. 478**

**February 2004**

**Cogema Mining Inc.**  
**Irigaray and Christensen Ranch Projects**

**2003 ANNUAL EFFLUENT AND MONITORING REPORT (NRC)**  
**and**  
**SEMI-ANNUAL MONITORING REPORT (WDEQ)**

**1.0 INTRODUCTION**

In accordance with Sections 12.1 and 12.6 of the Nuclear Regulatory Commission (NRC) Source License No. SUA-1341, COGEMA Mining Inc. (COGEMA) hereby submits the 2003 Annual Effluent and Monitoring Report. This document summarizes the required operational and environmental monitoring conducted at the Irigaray (IR) and Christensen Ranch (CR) projects from January 1 through December 31, 2003.

The monitoring data included in this document is also required by Section 5.10.1.1 of the 1996 License Renewal Application, in a Semi-Annual Monitoring Report to the Wyoming Department of Environmental Quality (WDEQ). The semi-annual report period is from July 1 through December 31, 2003, however, the entire year's data is provided for annual report purposes.

**2.0 OPERATIONAL SUMMARIES**

**2.1 Irigaray Project**

At the IR facilities groundwater restoration activities were concluded in November 2001 and groundwater stabilization monitoring was completed in August 2002. A groundwater restoration report will be submitted to the WDEQ in early 2004, to request restoration approval of all nine Production Units (PU) at the IR project. Waste pond de-watering and decommissioning began in August 2003 and are on-going. Wellfield surface facilities were also in active decommissioning phases of operation during the 2003 year.

When the IR site is not being worked on, the facilities are secured with door locks and locking gates at all outer perimeter access points. Security checks are conducted daily by the CR staff. On one occasion the facility had visible evidence of a forced entry into the premises. On August 19, 2003 an exterior gate padlock was cut and the southwest door into the plant annex was forced open. An inspection of the facility indicated that no items were taken and no internal vandalism was noted.

At the 517 site, all underground piping, all wellfield wells and some minor surface facilities (sump and trash pits) were removed during September and October 2003. The pond area was backfilled, re-contoured, top soil was replaced and the area was seeded.

A General Location Map showing the layout of the IR project site is provided in Appendix 4 of this report.

## **2.2 Christensen Ranch Project**

Mining activities ceased at CR in June 2000. Only groundwater restoration, project decommissioning and related activities have since been conducted. A total of 23,693 pounds of uranium as  $U_3O_8$  were captured from groundwater restoration operations at the CR project during 2003. This is well below the annual limit of 50,000 pounds as per Section 10.5 of the NRC license. No uranium was dried or shipped during 2003. A General Location Map showing the layout of the CR project site is provided in Appendix 4 of this report.

### **2.2.1 Groundwater Restoration**

Five reverse osmosis (RO) units continued to process 1,000 gallons per minute (gpm) of wellfield recovery water. A sixth RO was used to further concentrate the brine water from the five primary RO units. The final brine water was disposed of by means of two Underground Injection Control (UIC) Class I injection wells.

Groundwater sweep (GWS) was completed in February 2003, and the RO phase of restoration continued through the end of this reporting period. Beginning in November 2002, a chemical reductant addition system utilizing hydrogen sulfide gas ( $H_2S$ ) was installed at CR and continued in use throughout 2003. Restoration status summaries for each Mine Unit (MU) are given below.

### **2.2.2 Mine Unit 2**

The RO filtration/permeate injection phase (RO Phase) was suspended in March 2002 with a cumulative total of 10.8 pore volume displacements (pvd) processed. Mine Unit 2 was reactivated for further RO permeate and reductant addition in April 2003. The reductant phase was completed in Module 24 in mid-September 2003 and Module 23 was completed in mid-December. At present, modules 21 and 22 are in operation with  $H_2S$  being injected to enhance selenium and uranium reduction.

### **2.2.3 Mine Unit 3**

The RO phase began in February 1999 and was suspended in August 2002 with a cumulative total of 15.5 pvd processed. MU 3 will be reactivated in 2004 for  $H_2S$  injection to enhance selenium and uranium reduction.

### **2.2.4 Mine Unit 4**

The RO phase began in June 2001 and ended in November 2002 with a cumulative total of 9.65 pvd processed. Module 42 was treated with reductant from November 2002 to March 2003. The unit is presently in a standby mode with no additional recirculation planned.

### **2.2.5 Mine Unit 5**

The RO phase began in April 2002 and was completed in November 2003 with a cumulative total of 8.67 pvd processed. Currently all modules of this unit are in the Stabilization Phase of restoration.

### **2.2.6 Mine Unit 6**

The GWS phase began in September 2000 and was completed in February 2003 with a total of 0.92 pvd processed. The RO phase in Module 66 was initiated on September 30, 2003 and Module 65 began its RO phase on November 12, 2003. Both modules continued in their RO phase through the end of this report period, with a total of 0.65 pvd processed by the end of the year.

## **3.0 OPERATIONAL MONITORING**

### **3.1 Groundwater Volumes Injected and Recovered**

Groundwater restoration volumes injected and recovered from the wellfields at CR are given in Table 1 of Appendix 1. The average restoration flow rates are also given in this table. The gallons were recorded by totalizing flow meters on the recovery and injection trunk lines.

### **3.2 Injection Manifold Pressures**

Injection manifold pressures at the CR project are limited to 140 psi during wellfield operations and 168 psi during maintenance tasks, as per License Section 11.1. Section 11.1 requires that the injection manifold pressures be recorded daily. COGEMA uses continuous chart recorders on the injection manifolds, which record pressure 24 hours per day. During 2003 no incidents of pressure exceedance occurred at any of the CR wellfields.

### **3.3 Waste Water Control**

#### **3.3.1 Evaporation Ponds**

Weekly inspections were conducted on all active evaporation ponds at the IR site, and the four evaporation ponds and one permeate pond at CR. During 2003, no freeboard limits were exceeded and no system leaks were detected. Sampling of all operative ponds is conducted on a quarterly basis and the sample analysis data are given in Table 2 of Appendix 1. In June 2003 pond dewatering of IR ponds A, C, E, RA and RB was started as part of the IR decommissioning operation. Pond Sludge removal has been on-going since early August with contaminated materials sent to our Pathfinder - Shirley Basin disposal site and salts/minerals being shipped to CR for dissolution and disposal in the CR Class I injection wells.

Final decommissioning and restoration of the four ponds at the 517 & USMT R & D site was completed in August and September 2003. The pond area was reseeded in November 2003 and will be fenced to prevent livestock grazing and allow establishment of vegetation.

An incident occurred at the CR ponds during the weekend of May 3, 2003 in which 18 Grebes and one Teal duck were accidentally killed when they landed in evaporation Pond One. The incident was reported to both the WDEQ and U.S. Fish and Wildlife Service on May 5, 2003. It is not unusual for waterfowl to land on our ponds, typically with no harmful effects. However, at the time of this incident the water pH in Pond One was approaching 11.2 s.u. This elevated pH was the result of a transfer of approximately 1,000 gallons of caustic soda (50% concentration) from a storage tank leak inside the CR plant on April 15, 2003. The pond was treated with sulfuric acid to bring the pH back to an acceptable level of 8.95 s.u. This corrective action was completed on May 11, 2003. The elevated pH was not detected until the investigation of the cause of the bird deaths.

### 3.3.2 Disposal Wells

Two Class I injection wells are located at CR and are licensed under the WDEQ Underground Injection Control Permit Number UIC 00-340. During 2003 a total of 36,920,875 gallons of restoration brine were injected into disposal well Cogema DW No. 1, and 34,608,145 gallons were injected into disposal well Christensen No. 18-3. Quarterly reports were submitted to the WDEQ containing required water quality, quantity and well pressure data. No limits were exceeded at either well during 2003.

As required by UIC Permit 00-340 section I, paragraph 4, "*COGEMA shall shut one of the wells covered by this permit in annually for a period of time long enough to observe a valid pressure falloff curve. Each year, a well which was not tested in the previous year shall be tested, until all wells are tested in sequence.*" To comply with this regulation COGEMA DW No.1 was tested on September 9 through 11, 2003. The required MIT and analysis of the falloff data was performed by Petrotek Engineering of Littleton, Colorado. The results indicate that DW No.1 "continues to be suitable for use as a Class I injector".

### 3.4 Well Integrity Testing

Well integrity testing (MIT) results are reported to the WDEQ by phone quarterly and in a written report semi-annually. No MITs were conducted during the first half of 2003. Those completed during the second half of the year are included in Table 3 of Appendix 1 of this report.

## **4.0 ENVIRONMENTAL MONITORING**

The environmental monitoring locations are given on the Environmental Monitoring Station Locations Map in Appendix 4. The layouts of each site, including the locations of monitor/trend wells, ponds, surface discharge points and disposal wells are given in the General Location Map, also located in Appendix 4.

### 4.1 Groundwater Monitoring

Groundwater quality at both projects is monitored by sampling 327 monitor and/or trend wells surrounding and/or within the wellfields. Sampling frequency varies for these wells. Monitor wells on excursion status are sampled weekly. Monitor wells not on excursion and trend wells are sampled monthly until restoration is complete. These wells are then sampled quarterly during the post-restoration and stabilization phase and thereafter if required. Sample analysis results along with water level elevations for 2003 are provided in Appendix 2. Seven monitor wells surrounding the 517 and USMT sites at IR are sampled annually. The sample results from these wells are also included in Appendix 2.

#### 4.1.1 Wells on Excursion Status

On July 29, 2003 the WDEQ approved the release of seven monitor wells at the IR site. These seven wells (SSM-3, SSM-18, SSM-40, SSM-41, SSM-42, SSM-43 & DM-10) had been on excursion status for various lengths of time, dating back to the early 1980's. NRC concurred with the WDEQ release by Amendment No.8 to License SUA-1341 dated November 4, 2003. At this time, these wells returned to routine quarterly sampling frequencies.

In addition to the "Historical" excursion wells listed above; six other monitor wells were reported on excursion status at the two project sites during 2003. Since detailed excursion status reports are submitted monthly to the WDEQ and quarterly to the NRC, they will not be duplicated in this report. As of the end of this reporting period, only two wells are on excursion at either project site. At IR well SSM-8 is on excursion and at CR well MW68S (MU 2) remains above all three of its Upper Control Limits and therefore on excursion. Both wells are trending downward with anticipated release in early 2004.

#### 4.1.2 Regional Ranch Wells

Annual groundwater samples were collected from five ranch wells near the CR project and one ranch well near IR. The samples were analyzed for Uranium along with Thorium-230, Radium-226, Lead-210 and Polonium-210. The resulting data are given in Table 4 of Appendix 1. All radionuclides were at very low or non-detectable (ND) concentrations, as is typical. No trends in the data were noted.

#### 4.2 Surface Water Monitoring

Willow Creek is the only source of surface water present within and adjacent to the permit boundaries of both IR and CR projects. Willow Creek is an intermittent stream and is sampled annually in the spring, when flow is typically available. Three sample locations are designated at both project sites; upstream, downstream and within the permit boundary. The Powder River is also sampled annually at the Brubaker Ranch, which is approximately 4.5 miles downstream from its confluence with Willow Creek. Analysis data for both chemical and radionuclide parameters are provided in Table 5 of Appendix 1. All radionuclides were low or ND, and no exceedances of NRC 10 CFR 20, Appendix B effluent limits occurred. No trends in this data were noted.

#### 4.3 Surface Discharge Monitoring

A surface discharge outfall is located at each project for disposal of treated groundwater generated by restoration activities. The outfalls are licensed with the United States Environmental Protection Agency (EPA) under National Pollution Discharge Elimination System (NPDES) permits, issued by the WDEQ. During January 2003 a total of 1,028,146 gallons were discharged at the CR project (Permit No. WY0033642 discharge 002). The outfall has been inactive since that time. The surface discharge outfall at the IR project (Permit No. WY0028801, discharge 001) was not used at all during 2003. During discharge events routine sampling is conducted on a weekly, monthly and quarterly basis as designated by the NPDES permits. The sample analysis data for 2003 are given in Table 6 of Appendix 1. No NPDES permit limits were exceeded during the year.

In addition, quarterly samples are also analyzed for radionuclide activity (Uranium, Radium-226, Thorium-230, Polonium-210 and Lead-210) and compared to the NRC 10 CFR 20, Appendix B effluent limits. This analysis data is also given in Table 6 of Appendix 1. Again, no exceedances were noted during this report period.

The Federal Water Pollution Control Act and WDEQ - NPDES Program requires facilities with an approved Storm Water Discharge permit to collect water samples and report, "*run-off from storm events with greater than 0.1 inches of rainfall*", semi-annually in the second, fourth and sixth year of the license period. The CR project is covered by NPDES license WYR00-0904 for the period

from September 1, 2002 to August 31, 2007. As such, reporting for the second year of this permit was required for January 1 to June 30, 2003 and July 1 to December 31, 2003. During this period the CR project had no chemical materials susceptible to storm water discharge and/or no storm events with rainfall greater than 0.1 inches occurred within the project area. Therefore, no samples were collected and/or analyzed for compliance with this permit.

#### 4.4 Spill and Leak Reports

On September 24, 2003 monitor well 3MW53D (MU 3) at our CR operations was found to be flowing water onto the surface of the wellfield. In the investigation and report that followed, it was determined that approximately 110,160 gallons of fresh groundwater had been discharged over a seventeen day period. No erosional damage was associated with the incident and no state waters, wetlands, etc., were threatened by this non-hazardous water spill. As required by Chapter IV, Section 4 of the WDEQ - Water Quality Division (WQD) regulations, the incident was reported to them and copied to the appropriate NRC offices.

#### 4.5 Air Monitoring

##### 4.5.1 Radon

Environmental monitoring of radon was eliminated beginning in 2002, as per the NRC approved Decommissioning Plan.

The radon release estimate for 2003 is calculated below for restoration operations. This estimate is based upon the release rates given in the Calculation of Annual Radon Emissions tables, of the 1996 License Renewal Application. Table 7.3(A)-3, Christensen Ranch, lists a restoration release rate of 258 Curies/year at a flow of 500 gpm (0.516 Curies per gpm, per year).

Therefore, at 992.9 gpm annual average recovery:  $992.9 \times 0.516 = 512.3$  Total Curies of Radon.

##### 4.5.2 Dryer Stack Emissions

Dryer stack emissions monitoring was eliminated beginning in 2002, as per the NRC approved Decommissioning Plan. The dryer did not operate during 2003.

##### 4.5.3 Airborne Radionuclides

During dryer operations, continuous airborne radionuclide sampling is required at specified environmental locations at the IR project. However, since no drying occurred during 2003, no sampling was conducted.

#### 4.6 Gamma Radiation Monitoring

Environmental monitoring of gamma radiation was eliminated beginning in 2002, as per the NRC approved Decommissioning Plan.

### **5.0 OTHER INFORMATION REQUIRED BY SECTION 12.6 - NRC LICENSE**

#### 5.1 ALARA Audit

The 2003 As Low As Reasonably Achievable (ALARA) audit was conducted by Donna Wichers

General Manager - COGEMA Mining Inc. A copy of the audit report is included in Appendix 3.

## 5.2 Land Use Survey

The primary use of surrounding lands at both IR and CR projects continues to be rural sheep and cattle ranching. The livestock graze these lands, but are fenced-out of areas such as the evaporation ponds, plant sites and wellfields.

The secondary use of surrounding lands continues to be petroleum production from wells dispersed throughout the region. The closest oil well at the CR project is located approximately one third of a mile west of the CR plant. The closest oil well at the IR site is located approximately one half mile east of the PU 9 wellfield. No new oil wells have been drilled in close proximity to either project during 2003.

Over the past three years (2001 - 2003) some additional interest has developed in the immediate area of the CR project for the development of coal bed methane gas (CBM). Several CBM wells were drilled within a half mile of CR MU 5 & 6 during 2002. At present these wells are capped and awaiting additional evaluation and pipeline installation before development continues. No CBM wells were drilled in close proximity to either project during 2003.

The nearest residence to the IR site is 4 miles to the north (the Brubaker ranch) and the nearest residence to CR is the John Christensen ranch located 3 miles southeast of the CR plant site. Both are ranch housing with a population of 5 or less. No new residences have been added within 5 miles of either site since the regional demography was evaluated in Section 2.3.1 of the 1996 License Renewal Application.

## 5.3 SERP Summary

COGEMA's Safety and Environmental Review Panel (SERP) (NRC License Section 9.4 (C)) were not called upon for any reviews during 2003.

## **APPENDIX 1**

**Tables 1 through 6**

TABLE 1

COGEMA Mining, Inc. -- Irigaray and Christensen Ranch Projects  
2003 Annual Report

Christensen Ranch Project  
Groundwater Restoration Volumes (Mine Units 2, 3, 4, 5, & 6)

| Year 2003<br>Month | Gallons Injected<br>in thousands | Gallons Recovered<br>in thousands | Average Recovery<br>Flow Rate (gpm) |
|--------------------|----------------------------------|-----------------------------------|-------------------------------------|
| January            | 31,557                           | 39,604                            | 990                                 |
| February           | 25,535                           | 39,308                            | 975                                 |
| March              | 34,903                           | 46,886                            | 975                                 |
| April              | 32,733                           | 40,473                            | 1,004                               |
| May                | 32,941                           | 40,027                            | 993                                 |
| June               | 40,845                           | 49,966                            | 991                                 |
| July               | 32,245                           | 40,446                            | 1,003                               |
| August             | 42,120                           | 52,375                            | 1,039                               |
| September          | 35,559                           | 40,627                            | 1,008                               |
| October            | 34,356                           | 40,293                            | 999                                 |
| November           | 41,788                           | 48,255                            | 957                                 |
| December           | 33,904                           | 39,577                            | 982                                 |
|                    | 418,486<br>Total                 | 517,837<br>Total                  |                                     |

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TABLE 2

COGEMA Mining, Inc. -- Irigaray and Christensen Ranch Projects

2003 Effluent Report

Sample Type: Waste Ponds (quarterly)

Sample Date: February 2003 - No samples, all ponds frozen

NOTE: ND=NON DETECTABLE

| Pond ID #             | IR-A | IR-B | IR-C | IR-D |
|-----------------------|------|------|------|------|
| Sulfate (mg/l)        |      |      |      |      |
| Chloride (mg/l)       |      |      |      |      |
| NH4 as N (mg/l)       |      |      |      |      |
| NO3 & NO2 as N (mg/l) |      |      |      |      |
| TDS (mg/l)            |      |      |      |      |
| Conductivity          |      |      |      |      |
| pH                    |      |      |      |      |
| Zinc (mg/l)           |      |      |      |      |
| Uranium (mg/l)        |      |      |      |      |
| Radium 226 (pCi/l)    |      |      |      |      |

| Pond ID #             | IR-E | IR-RA | IR-RB | CR-P1 <sub>perm.</sub> |
|-----------------------|------|-------|-------|------------------------|
| Sulfate (mg/l)        |      |       |       |                        |
| Chloride (mg/l)       |      |       |       |                        |
| NH4 as N (mg/l)       |      |       |       |                        |
| NO3 & NO2 as N (mg/l) |      |       |       |                        |
| TDS (mg/l)            |      |       |       |                        |
| Conductivity          |      |       |       |                        |
| pH                    |      |       |       |                        |
| Zinc (mg/l)           |      |       |       |                        |
| Uranium (mg/l)        |      |       |       |                        |
| Radium 226 (pCi/l)    |      |       |       |                        |

| Pond ID #             | CR-1 | CR-2 | CR-3 | CR-4 |
|-----------------------|------|------|------|------|
| Sulfate (mg/l)        |      |      |      |      |
| Chloride (mg/l)       |      |      |      |      |
| NH4 as N (mg/l)       |      |      |      |      |
| NO3 & NO2 as N (mg/l) |      |      |      |      |
| TDS (mg/l)            |      |      |      |      |
| Conductivity          |      |      |      |      |
| pH                    |      |      |      |      |
| Zinc (mg/l)           |      |      |      |      |
| Uranium (mg/l)        |      |      |      |      |
| Radium 226 (pCi/l)    |      |      |      |      |

TABLE 2 (Page 2 of 4)

COGEMA Mining, Inc. -- Irigaray and Christensen Ranch Projects

2003 Effluent Report

Sample Type: Waste Ponds (quarterly)

Sample Date: May 22, 2003

NOTE. ND = NON DETECTABLE

| Pond ID #             | IR-A    | IR-B    | IR-C    | IR-D    |
|-----------------------|---------|---------|---------|---------|
| Sulfate (mg/l)        | 28,500  | 32,000  | 26,900  | 34,200  |
| Chloride (mg/l)       | 177,000 | 183,000 | 180,000 | 175,000 |
| NH4 as N (mg/l)       | 4.4     | 4.3     | 5.7     | 4.8     |
| NO3 & NO2 as N (mg/l) | 0.5     | 0.6     | 0.9     | 0.5     |
| TDS (mg/l)            | 350,000 | 348,000 | 324,000 | 328,000 |
| Conductivity          | 621,000 | 611,000 | 614,000 | 609,000 |
| pH                    | 3.56    | 7.62    | 8.3     | 8.4     |
| Zinc (mg/l)           | 0.036   | 0.1     | 0.24    | 0.09    |
| Uranium (mg/l)        | 248     | 1040    | 101     | 286     |
| Radium 226 (pCi/l)    | 41      | 144     | 37.7    | 65.3    |

| Pond ID #             | IR-E    | IR-RA  | IR-RB  | CR-P1 <sub>perm.</sub> |
|-----------------------|---------|--------|--------|------------------------|
| Sulfate (mg/l)        | 18,300  | 16,600 | 16,800 | 10                     |
| Chloride (mg/l)       | 153,000 | 3,170  | 4,870  | 2                      |
| NH4 as N (mg/l)       | 3.2     | 0.45   | 0.53   | 0.05                   |
| NO3 & NO2 as N (mg/l) | 0.6     | 0.2    | ND     | ND                     |
| TDS (mg/l)            | 261,000 | 31,200 | 36,500 | 140                    |
| Conductivity          | 490,000 | 33,900 | 40,000 | 170                    |
| pH                    | 8.46    | 9.24   | 9.53   | 7.82                   |
| Zinc (mg/l)           | 0.11    | 0.08   | 0.13   | 0.003                  |
| Uranium (mg/l)        | 166     | 69.7   | 71.4   | 0.002                  |
| Radium 226 (pCi/l)    | 77.2    | 44     | 1.1    | ND                     |

| Pond ID #             | CR-1  | CR-2   | CR-3  | CR-4   |
|-----------------------|-------|--------|-------|--------|
| Sulfate (mg/l)        | 1,250 | 5,280  | 3,010 | 4,040  |
| Chloride (mg/l)       | 261   | 571    | 381   | 353    |
| NH4 as N (mg/l)       | 2.32  | 0.45   | 0.26  | 0.19   |
| NO3 & NO2 as N (mg/l) | 0.1   | ND     | ND    | ND     |
| TDS (mg/l)            | 3,030 | 21,300 | 6,550 | 8,660  |
| Conductivity          | 4,470 | 13,300 | 8,720 | 11,000 |
| pH                    | 8.88  | 9.31   | 8.73  | 8.79   |
| Zinc (mg/l)           | 0.018 | 0.013  | 0.011 | 0.002  |
| Uranium (mg/l)        | 14.5  | 10.9   | 9.69  | 0.389  |
| Radium 226 (pCi/l)    | 70.1  | 61.4   | 70    | 127    |

TABLE 2 (Page 3 of 4)

COGEMA Mining, Inc. -- Irigaray and Christensen Ranch Projects  
2003 Effluent Report

Sample Type: Waste Ponds (quarterly)

NOTE: IR PONDS A,C,E, &amp; RA

Sample Date: September 9, 2003

ARE EMPTY

NOTE: ND= NON DETECTABLE

| Pond ID #             | IR-A | IR-B      | IR-C | IR-D    |
|-----------------------|------|-----------|------|---------|
| Sulfate (mg/l)        |      | 18,200    |      | 16,400  |
| Chloride (mg/l)       |      | 188,000   |      | 113,000 |
| NH4 as N (mg/l)       |      | 5.2       |      | 2.16    |
| NO3 & NO2 as N (mg/l) |      | 0.3       |      | 0.4     |
| TDS (mg/l)            |      | 309,000   |      | 180,000 |
| Conductivity          |      | 1,640,000 |      | 118,000 |
| pH                    |      | 8.11      |      | 8.6     |
| Zinc (mg/l)           |      | 0.13      |      | 0.03    |
| Uranium (mg/l)        |      | 886       |      | 95.4    |
| Radium 226 (pCi/l)    |      | 246       |      | 26.4    |

| Pond ID #             | IR-E | IR-RA | IR-RB   | CR-P1 perm |
|-----------------------|------|-------|---------|------------|
| Sulfate (mg/l)        |      |       | 23,900  | 9          |
| Chloride (mg/l)       |      |       | 21,900  | 1          |
| NH4 as N (mg/l)       |      |       | 0.99    | ND         |
| NO3 & NO2 as N (mg/l) |      |       | 0.1     | ND         |
| TDS (mg/l)            |      |       | 77,200  | 132        |
| Conductivity          |      |       | 154,000 | 234        |
| pH                    |      |       | 9.23    | 9.48       |
| Zinc (mg/l)           |      |       | 0.03    | 0.032      |
| Uranium (mg/l)        |      |       | 108     | 0.0057     |
| Radium 226 (pCi/l)    |      |       | 11.4    | 0.3        |

| Pond ID #             | CR-1  | CR-2   | CR-3   | CR-4   |
|-----------------------|-------|--------|--------|--------|
| Sulfate (mg/l)        | 1,570 | 6,430  | 3,350  | 5,510  |
| Chloride (mg/l)       | 530   | 903    | 452    | 563    |
| NH4 as N (mg/l)       | 0.49  | 0.36   | 0.23   | 0.16   |
| NO3 & NO2 as N (mg/l) | ND    | ND     | ND     | ND     |
| TDS (mg/l)            | 4,610 | 14,600 | 7,850  | 12,100 |
| Conductivity          | 8,840 | 51,500 | 16,100 | 35,200 |
| pH                    | 9.38  | 9.75   | 9.23   | 9.24   |
| Zinc (mg/l)           | 0.022 | 0.44   | 0.114  | 0.37   |
| Uranium (mg/l)        | 22.6  | 14.5   | 9      | 5.89   |
| Radium 226 (pCi/l)    | 77.7  | 18     | 142    | 42     |

TABLE 2 (Page 4 of 4)

COGEMA Mining, Inc. -- Irigaray and Christensen Ranch Projects

2003 Effluent Report

NOTE: IR PONDS A,C,D,E, &amp; RA

Sample Type: Waste Ponds (quarterly)

ARE EMPTY.

Sample Date: November 26, 2003

CR PONDS 1,2,3,4 &amp; P1 ARE FROZEN

NOTE: ND=NON DETECTABLE

| Pond ID #             | IR-A | IR-B       | IR-C | IR-D |
|-----------------------|------|------------|------|------|
| Sulfate (mg/l)        |      | 15,100     |      |      |
| Chloride (mg/l)       |      | 26,200     |      |      |
| NH4 as N (mg/l)       |      | 5.4        |      |      |
| NO3 & NO2 as N (mg/l) |      | 1.3        |      |      |
| TDS (mg/l)            |      | 332,000    |      |      |
| Conductivity          |      | >200000    |      |      |
| pH                    |      | 8.1        |      |      |
| Zinc (mg/l)           |      | ND         |      |      |
| Uranium (mg/l)        |      | 550        |      |      |
| Radium 226 (pCi/l)    |      | 189.5±29.8 |      |      |

| Pond ID #             | IR-E | IR-RA | IR-RB    | CR-P1 perm. |
|-----------------------|------|-------|----------|-------------|
| Sulfate (mg/l)        |      |       | 15,300   |             |
| Chloride (mg/l)       |      |       | 26,600   |             |
| NH4 as N (mg/l)       |      |       | 0.2      |             |
| NO3 & NO2 as N (mg/l) |      |       | 0.2      |             |
| TDS (mg/l)            |      |       | 73,700   |             |
| Conductivity          |      |       | 76,900   |             |
| pH                    |      |       | 9        |             |
| Zinc (mg/l)           |      |       | ND       |             |
| Uranium (mg/l)        |      |       | 51.3     |             |
| Radium 226 (pCi/l)    |      |       | 15.0±1.2 |             |

| Pond ID #             | CR-1 | CR-2 | CR-3 | CR-4 |
|-----------------------|------|------|------|------|
| Sulfate (mg/l)        |      |      |      |      |
| Chloride (mg/l)       |      |      |      |      |
| NH4 as N (mg/l)       |      |      |      |      |
| NO3 & NO2 as N (mg/l) |      |      |      |      |
| TDS (mg/l)            |      |      |      |      |
| Conductivity          |      |      |      |      |
| pH                    |      |      |      |      |
| Zinc (mg/l)           |      |      |      |      |
| Uranium (mg/l)        |      |      |      |      |
| Radium 226 (pCi/l)    |      |      |      |      |

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TABLE 3

|         | PASS | DATE     | CASING | BOTTOM | LOWER  | INITIAL  | FINAL    | PRESSURE |        |
|---------|------|----------|--------|--------|--------|----------|----------|----------|--------|
| HOLE #  | FAIL | TESTED   | TYPE   | CASING | PACKER | PRESSURE | PRESSURE | LOSS     | % LOSS |
|         |      |          |        | DEPTH  | DEPTH  |          |          |          |        |
| 2Y46-1  | P    | 11/10/03 | PVC    | 324    | 315    | 168      | 158      | 10       | 6      |
| 2Y45-2  | P    | 11/10/03 | PVC    | 319    | 310    | 168      | 159      | 9        | 5      |
| 2Z41-3  | P    | 11/11/03 | PVC    | 224    | 215    | 168      | 154      | 14       | 8      |
| 2Y41-1  | P    | 11/11/03 | PVC    | 227    | 215    | 168      | 154      | 14       | 8      |
| 2Y43-1  | P    | 11/11/03 | PVC    | 263    | 250    | 168      | 157      | 11       | 7      |
| 2Z46-2  | P    | 11/11/03 | PVC    | 319    | 310    | 168      | 160      | 8        | 5      |
| 2Z47-2  | P    | 11/12/03 | PVC    | 330    | 320    | 168      | 156      | 12       | 7      |
| 2Y42-1  | P    | 11/12/03 | PVC    | 228    | 220    | 168      | 153      | 15       | 9      |
| 2Z42-1  | P    | 11/12/03 | PVC    | 330    | 320    | 168      | 155      | 13       | 8      |
| 2AA37-1 | P    | 11/13/03 | PVC    | 355    | 340    | 168      | 160      | 8        | 5      |
| 2Y36-1  | P    | 11/13/03 | PVC    | 290    | 280    | 168      | 162      | 6        | 4      |
| 2Z37-1  | P    | 11/13/03 | PVC    | 353    | 340    | 168      | 155      | 13       | 8      |
| 2Z35-1  | P    | 11/13/03 | PVC    | 270    | 260    | 168      | 160      | 8        | 5      |
| 2Z36-1  | P    | 11/13/03 | PVC    | 347    | 335    | 168      | 154      | 14       | 8      |
| 2AA35-1 | P    | 11/13/03 | PVC    | 356    | 345    | 168      | 156      | 12       | 7      |
| 2Z34-2  | P    | 11/13/03 | PVC    | 342    | 330    | 168      | 156      | 12       | 7      |
| 2AA41-1 | P    | 11/17/03 | PVC    | 328    | 320    | 168      | 160      | 8        | 5      |
| 2Z44-2  | P    | 11/17/03 | PVC    | 322    | 310    | 168      | 160      | 8        | 5      |
| 2Z43-1  | P    | 11/17/03 | PVC    | 318    | 310    | 168      | 154      | 14       | 8      |
| 2Y37-1  | P    | 11/17/03 | PVC    | 258    | 250    | 168      | 158      | 10       | 6      |
| 2Z39-2  | P    | 11/18/03 | PVC    | 243    | 230    | 168      | 162      | 6        | 4      |
| 2AA33-2 | P    | 11/18/03 | PVC    | 277    | 265    | 168      | 162      | 6        | 4      |
| 2Y34-1  | P    | 11/18/03 | PVC    | 265    | 255    | 168      | 160      | 8        | 5      |
| 2Z34-1  | P    | 11/18/03 | PVC    | 268    | 260    | 168      | 153      | 15       | 9      |
| 2AA39-2 | P    | 11/18/03 | PVC    | 330    | 320    | 168      | 156      | 12       | 7      |
| 2AA33-1 | P    | 11/18/03 | PVC    | 357    | 350    | 168      | 159      | 9        | 5      |
| 2Y32-1  | P    | 11/18/03 | PVC    | 260    | 250    | 168      | 162      | 6        | 4      |
| 2Y38-1  | P    | 11/19/03 | PVC    | 243    | 235    | 168      | 160      | 8        | 5      |
| 2Z40-1  | P    | 11/19/03 | PVC    | 326    | 315    | 168      | 156      | 12       | 7      |
| 2AA32-2 | P    | 11/20/03 | PVC    | 279    | 265    | 168      | 156      | 12       | 7      |
| 2Z33-1  | P    | 11/20/03 | PVC    | 267    | 255    | 168      | 162      | 6        | 4      |
| 2Y39-2  | P    | 11/20/03 | PVC    | 243    | 235    | 168      | 153      | 15       | 9      |
| 2AA31-1 | P    | 11/20/03 | PVC    | 276    | 265    | 168      | 162      | 6        | 4      |
| 2Z31-1  | P    | 11/20/03 | PVC    | 264    | 255    | 168      | 158      | 10       | 6      |
| 2AB28-1 | P    | 11/24/03 | PVC    | 343    | 335    | 168      | 158      | 10       | 6      |
| 2AA29-1 | P    | 11/24/03 | PVC    | 318    | 310    | 168      | 155      | 13       | 8      |
| 2AB27-2 | P    | 11/24/03 | PVC    | 260    | 250    | 168      | 160      | 8        | 5      |
| 2AA28-1 | P    | 11/24/03 | PVC    | 344    | 335    | 168      | 160      | 8        | 5      |
| 2AB29-3 | P    | 11/24/03 | PVC    | 294    | 285    | 168      | 160      | 8        | 5      |
| 2Z28-3  | F    | 11/24/03 | PVC    | 309    | 300    | 168      |          | 168      | 100    |
| 2AB25-1 | P    | 11/25/03 | PVC    | 289    | 280    | 168      | 156      | 12       | 7      |
| 2AA27-1 | P    | 11/25/03 | PVC    | 260    | 250    | 168      | 156      | 12       | 7      |
| 2AC23-2 | P    | 11/26/03 | PVC    | 321    | 310    | 168      | 158      | 10       | 6      |
| 2AB25-2 | P    | 11/26/03 | PVC    | 290    | 280    | 168      | 160      | 8        | 5      |
| 2AB23-2 | P    | 11/26/03 | PVC    | 350    | 340    | 168      | 160      | 8        | 5      |
| 2AA30-1 | P    | 11/26/03 | PVC    | 353    | 340    | 168      | 159      | 9        | 5      |
| 2AA30-2 | P    | 11/26/03 | PVC    | 286    | 275    | 168      | 156      | 12       | 7      |
| 2Z38-1  | P    | 12/1/03  | PVC    | 341    | 330    | 168      | 154      | 14       | 8      |
| 2AB29-2 | P    | 12/1/03  | PVC    | 353    | 345    | 168      | 153      | 15       | 9      |
| 2AB26-1 | P    | 12/1/03  | PVC    | 328    | 320    | 168      | 157      | 11       | 7      |
| 2AB27-1 | P    | 12/1/03  | PVC    | 345    | 335    | 168      | 154      | 14       | 8      |
| 2AA32-1 | P    | 12/1/03  | PVC    | 361    | 350    | 168      | 160      | 8        | 5      |
| 2AB26-2 | P    | 12/2/03  | PVC    | 273    | 260    | 168      | 153      | 15       | 9      |
| 2AB24-1 | P    | 12/2/03  | PVC    | 336    | 325    | 168      | 156      | 12       | 7      |
| 2Y40-1  | P    | 12/2/03  | PVC    | 239    | 230    | 168      | 156      | 12       | 7      |
| 2AB24-2 | P    | 12/2/03  | PVC    | 289    | 280    | 168      | 154      | 14       | 8      |
| 2AA28-2 | P    | 12/2/03  | PVC    | 262    | 250    | 168      | 156      | 12       | 7      |
| 2AG35-1 | P    | 12/3/03  | PVC    | 378    | 370    | 168      | 156      | 12       | 7      |
| 2AE33-1 | P    | 12/3/03  | PVC    | 384    | 375    | 168      | 160      | 8        | 5      |

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|         | PASS | DATE     | CASING | BOTTOM | LOWER  |          |          |          |        |
|---------|------|----------|--------|--------|--------|----------|----------|----------|--------|
| HOLE #  | FAIL | TESTED   | TYPE   | CASING | PACKER | INITIAL  | FINAL    | PRESSURE |        |
|         |      |          |        | DEPTH  | DEPTH  | PRESSURE | PRESSURE | LOSS     | % LOSS |
| 2AF33-1 | P    | 12/3/03  | PVC    | 378    | 370    | 168      | 158      | 10       | 6      |
| 2AH33-1 | P    | 12/3/03  | PVC    | 375    | 365    | 168      | 159      | 9        | 5      |
| 2AI33-1 | P    | 12/3/03  | PVC    | 380    | 370    | 168      | 158      | 10       | 6      |
| 2AE36-1 | P    | 12/3/03  | PVC    | 396    | 385    | 168      | 153      | 15       | 9      |
| 2AE35-1 | P    | 12/3/03  | PVC    | 388    | 380    | 168      | 161      | 7        | 4      |
| 2AF35-2 | P    | 12/3/03  | PVC    | 394    | 385    | 168      | 153      | 15       | 9      |
| 2AF36-2 | P    | 12/4/03  | PVC    | 395    | 385    | 168      | 156      | 12       | 7      |
| 2AD34-1 | P    | 12/4/03  | PVC    | 386    | 375    | 168      | 158      | 10       | 6      |
| 2AF34-1 | P    | 12/4/03  | PVC    | 386    | 375    | 168      | 156      | 12       | 7      |
| 2AG34-1 | P    | 12/4/03  | PVC    | 379    | 370    | 168      | 154      | 14       | 8      |
| 2AE34-1 | P    | 12/4/03  | PVC    | 390    | 380    | 168      | 158      | 10       | 6      |
| 2AH31-1 | P    | 12/8/03  | PVC    | 376    | 365    | 168      | 153      | 15       | 9      |
| 2AI31-1 | P    | 12/8/03  | PVC    | 366    | 360    | 168      | 162      | 6        | 4      |
| 2AH32-1 | P    | 12/8/03  | PVC    | 377    | 365    | 168      | 160      | 8        | 5      |
| 2AI32-1 | P    | 12/8/03  | PVC    | 377    | 365    | 168      | 162      | 6        | 4      |
| 2AJ31-1 | P    | 12/8/03  | PVC    | 368    | 360    | 168      | 158      | 10       | 6      |
| 2AG33-1 | P    | 12/8/03  | PVC    | 363    | 350    | 168      | 155      | 13       | 8      |
| 2AH34-1 | P    | 12/8/03  | PVC    | 390    | 380    | 168      | 158      | 10       | 6      |
| 2AG32-1 | P    | 12/9/03  | PVC    | 367    | 360    | 168      | 160      | 8        | 5      |
| 2AG31-1 | P    | 12/9/03  | PVC    | 359    | 350    | 168      | 154      | 14       | 8      |
| 2AF31-3 | P    | 12/9/03  | PVC    | 375    | 365    | 168      | 156      | 12       | 7      |
| 2AE31-1 | P    | 12/9/03  | PVC    | 373    | 365    | 168      | 155      | 13       | 8      |
| 2AE32-1 | P    | 12/9/03  | PVC    | 383    | 375    | 168      | 154      | 14       | 8      |
| 2AD32-1 | P    | 12/9/03  | PVC    | 378    | 370    | 168      | 158      | 10       | 6      |
| 2AD31-1 | P    | 12/9/03  | PVC    | 372    | 360    | 168      | 160      | 8        | 5      |
| 2AD30-1 | P    | 12/10/03 | PVC    | 366    | 360    | 168      | 158      | 10       | 6      |
| 2AC30-1 | P    | 12/10/03 | PVC    | 357    | 350    | 168      | 153      | 15       | 9      |
| 2AE30-1 | P    | 12/10/03 | PVC    | 370    | 360    | 168      | 155      | 13       | 8      |
| 2AF30-1 | P    | 12/10/03 | PVC    | 371    | 360    | 168      | 160      | 8        | 5      |
| 2AG30-1 | P    | 12/10/03 | PVC    | 362    | 350    | 168      | 154      | 14       | 8      |
| 2AH30-1 | P    | 12/10/03 | PVC    | 374    | 365    | 168      | 156      | 12       | 7      |
| 2AH28-1 | P    | 12/11/03 | PVC    | 370    | 360    | 168      | 153      | 15       | 9      |
| 2AI29-2 | P    | 12/11/03 | PVC    | 368    | 460    | 168      | 161      | 7        | 4      |
| 2AJ29-1 | P    | 12/11/03 | PVC    | 366    | 360    | 168      | 158      | 10       | 6      |
| 2AI30-1 | P    | 12/11/03 | PVC    | 368    | 360    | 168      | 158      | 10       | 6      |
| 2AI28-1 | P    | 12/11/03 | PVC    | 366    | 360    | 168      | 160      | 8        | 5      |
| 2AG29-1 | P    | 12/15/03 | PVC    | 359    | 350    | 168      | 158      | 10       | 6      |
| 2AG28-1 | P    | 12/15/03 | PVC    | 360    | 350    | 168      | 158      | 10       | 6      |
| 2AF29-2 | P    | 12/15/03 | PVC    | 365    | 355    | 168      | 153      | 15       | 9      |
| 2AF28-1 | P    | 12/15/03 | PVC    | 365    | 355    | 168      | 155      | 13       | 8      |
| 2AE28-2 | P    | 12/15/03 | PVC    | 337    | 330    | 168      | 156      | 12       | 7      |
| 2AE29-1 | P    | 12/15/03 | PVC    | 356    | 350    | 168      | 159      | 9        | 5      |
| 2AD28-1 | P    | 12/15/03 | PVC    | 343    | 335    | 168      | 162      | 6        | 4      |
| 2AC27-1 | P    | 12/16/03 | PVC    | 345    | 335    | 168      | 153      | 15       | 9      |
| 2AC29-1 | P    | 12/16/03 | PVC    | 356    | 345    | 168      | 154      | 14       | 8      |
| 2AC28-2 | P    | 12/16/03 | PVC    | 351    | 340    | 168      | 156      | 12       | 7      |
| 2AD29-1 | P    | 12/16/03 | PVC    | 368    | 360    | 168      | 153      | 15       | 9      |
| 2AG27-1 | P    | 12/16/03 | PVC    | 354    | 345    | 168      | 156      | 12       | 7      |
| 2AH27-1 | P    | 12/16/03 | PVC    | 357    | 350    | 168      | 161      | 7        | 4      |
| 2AI27-1 | P    | 12/16/03 | PVC    | 366    | 360    | 168      | 156      | 12       | 7      |
| 2AF27-1 | P    | 12/22/03 | PVC    | 344    | 335    | 168      | 156      | 12       | 7      |
| 2AE27-2 | P    | 12/22/03 | PVC    | 341    | 330    | 168      | 160      | 8        | 5      |
| 2AD27-1 | P    | 12/22/03 | PVC    | 337    | 325    | 168      | 158      | 10       | 6      |
| 2AH26-1 | P    | 12/23/03 | PVC    | 353    | 345    | 168      | 157      | 11       | 7      |
| 2AG26-1 | P    | 12/23/03 | PVC    | 360    | 350    | 168      | 154      | 14       | 8      |
| 2AH25-1 | P    | 12/23/03 | PVC    | 365    | 355    | 168      | 158      | 10       | 6      |
| 2AF26-1 | P    | 12/23/03 | PVC    | 348    | 335    | 168      | 160      | 8        | 5      |
| 2AE26-1 | P    | 12/29/03 | PVC    | 338    | 330    | 168      | 154      | 14       | 8      |
| 2AD26-1 | P    | 12/29/03 | PVC    | 358    | 350    | 168      | 158      | 10       | 6      |
| 2AC26-1 | P    | 12/29/03 | PVC    | 341    | 330    | 168      | 158      | 10       | 6      |

Table 4

COGEMA Mining, Inc. - Irigaray and Christensen Ranch Projects  
 2003 Annual Effluent Report  
 Sample Type: Regional Groundwater (Ranch Wells) - Annual Samples

Sample Location: Christensen Ranch House #3

| Radionuclide | May 28, 2003<br>(uCi/ml) |
|--------------|--------------------------|
| Uranium      | 1.6 E-9                  |
| Thorium-230  | ND                       |
| Radium-226   | 1.7 E-9                  |
| Lead-210     | ND                       |
| Polonium-210 | 3.1 E-9                  |

Sample Location: Christensen Middle Artesian

| Radionuclide | May 28, 2003<br>(uCi/ml) |
|--------------|--------------------------|
| Uranium      | ND                       |
| Thorium-230  | ND                       |
| Radium-226   | .3 E-9                   |
| Lead-210     | ND                       |
| Polonium-210 | ND                       |

Sample Location: Christensen Ellendale #4

| Radionuclide | May 28, 2003<br>(uCi/ml) |
|--------------|--------------------------|
| Uranium      | ND                       |
| Thorium-230  | ND                       |
| Radium-226   | .2 E-9                   |
| Lead-210     | ND                       |
| Polonium-210 | ND                       |

Sample Location: Christensen Del Gulch Lower #13

| Radionuclide | May 28, 2003<br>(uCi/ml) |
|--------------|--------------------------|
| Uranium      | ND                       |
| Thorium-230  | ND                       |
| Radium-226   | ND                       |
| Lead-210     | ND                       |
| Polonium-210 | ND                       |

Sample Location: Christensen Willow Corral #32

| Radionuclide | May 28, 2003<br>(uCi/ml) |
|--------------|--------------------------|
| Uranium      | ND                       |
| Thorium-230  | ND                       |
| Radium-226   | ND                       |
| Lead-210     | ND                       |
| Polonium-210 | ND                       |

Sample Location: Christensen First Artesian Well #1

| Radionuclide | May, 2003<br>(uCi/ml) |
|--------------|-----------------------|
| Uranium      | Not Available         |
| Thorium-230  | Pump Down             |
| Radium-226   |                       |
| Lead-210     |                       |
| Polonium-210 |                       |

Sample Location: Irigaray Willow # 2

| Radionuclide | May 28, 2003<br>(uCi/ml) |
|--------------|--------------------------|
| Uranium      | ND                       |
| Thorium-230  | ND                       |
| Radium-226   | .7 E-9                   |
| Lead-210     | ND                       |
| Polonium-210 | ND                       |

| LLD<br>(uCi/ml)      | ND = NON DETECTABLE |
|----------------------|---------------------|
| 2.0 E-9 Uranium      |                     |
| 0.2 E-9 Thorium-230  |                     |
| 0.2 E-9 Radium-226   |                     |
| 2.7 E-9 Lead-210     |                     |
| 2.7 E-9 Polonium-210 |                     |

TABLE 5 (Page 1 of 2)

COGEMA Mining, Inc. Irigaray and Christensen Ranch Projects  
 2003 Annual Effluent Report  
 Sample Type: Surface Water, Annual Samples, May 28, 2003  
 Sample Location: Irigaray Project

Note: ND = Non Detectable

|                                | Willow Creek<br>IR-9 Downstream<br>(uCi/ml) | Willow Creek<br>IR-14 Upstream<br>(uCi/ml) | Willow Creek<br>IR-17 Mine Site<br>(uCi/ml) | Powder River<br>IR-5 Ranch Site<br>(uCi/ml) | LLD<br>(uCi/ml) | 10 CFR 20<br>Appendix B<br>Effluent<br>Limit (uCi/ml) |
|--------------------------------|---------------------------------------------|--------------------------------------------|---------------------------------------------|---------------------------------------------|-----------------|-------------------------------------------------------|
| <u>Radionuclide</u>            |                                             |                                            |                                             |                                             |                 |                                                       |
| Uranium)                       | no sample                                   | 28.1 E-9                                   | 20.3 E-9                                    | 3.9 E-9                                     | 0.2 E-9         | 3.0 E-07                                              |
| Thorium-230                    | no flow                                     | ND                                         | ND                                          | ND                                          | 0.2 E-9         | 1.0 E-07                                              |
| Radium-226                     |                                             | .2 E-9                                     | .2 E-9                                      | .4 E-9                                      | 0.2 E-9         | 6.0 E-08                                              |
| Lead-210                       |                                             | ND                                         | ND                                          | ND                                          | 2.7 E-9         | 1.0 E-08                                              |
| Polonium-210                   |                                             | ND                                         | ND                                          | ND                                          | 2.7 E-9         | 4.0 E-08                                              |
| <u>Chemical Parameters</u>     |                                             |                                            |                                             |                                             |                 |                                                       |
| Total Alkalinity mg/L          |                                             | 170                                        | 163                                         | 136                                         | 1.0             | N/A                                                   |
| Chloride mg/L                  |                                             | 39                                         | 42.3                                        | 106                                         | 1.0             | N/A                                                   |
| TDS mg/L                       |                                             | 4130                                       | 3900                                        | 996                                         | 10              | N/A                                                   |
| Specific Conductivity umhos/cm |                                             | 4380                                       | 4630                                        | 1460                                        | 1.0             | N/A                                                   |
| Sulfate mg/L                   |                                             | 2180                                       | 2420                                        | 470                                         | 6               | N/A                                                   |
| pH s.u.                        |                                             | 7.87                                       | 7.67                                        | 7.82                                        | 0.01            | N/A                                                   |
| Arsenic mg/L                   |                                             | 0.001                                      | ND                                          | 0.002                                       | 0.001           | N/A                                                   |
| Selenium mg/L                  |                                             | ND                                         | 0.003                                       | 0.003                                       | 0.001           | N/A                                                   |
| <u>Estimated Flow Rate:</u>    | no flow                                     | Low                                        | Low                                         | Low                                         |                 |                                                       |
| Low = <5 cfs                   |                                             |                                            |                                             |                                             |                 |                                                       |
| Medium = 5 - 50 cfs            |                                             |                                            |                                             |                                             |                 |                                                       |
| High = > 50 cfs                |                                             |                                            |                                             |                                             |                 |                                                       |

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COGEMA Mining, Inc. Irigaray and Christensen Ranch Projects  
 2003 Annual Effluent Report  
 Sample Type: Surface Water, Annual Samples, May 28, 2003  
 Sample Location: Christensen Ranch Project

Note: ND = Non Detectable

|                                | Willow Creek<br>GS-01 Downstream<br>(uCi/ml) | Willow Creek<br>CG-05 Upstream<br>(uCi/ml) | Willow Creek<br>GS-03 Mine Site<br>(uCi/ml) | LLD<br>(uCi/ml) | 10 CFR 20<br>Appendix B<br>Effluent<br>Limit (uCi/ml) |
|--------------------------------|----------------------------------------------|--------------------------------------------|---------------------------------------------|-----------------|-------------------------------------------------------|
| <u>Radionuclide</u>            |                                              |                                            |                                             |                 |                                                       |
| Uranium                        | 41.8 E-9                                     | 9.3 E-9                                    | 49.3 E-9                                    | 0.2 E-9         | 3.0 E-07                                              |
| Thorium-230                    | ND                                           | ND                                         | ND                                          | 0.2 E-9         | 1.0 E-07                                              |
| Radium-226                     | .5 E-9                                       | .3 E-9                                     | .6 E-9                                      | 0.2 E-9         | 6.0 E-08                                              |
| Lead-210                       | ND                                           | ND                                         | ND                                          | 2.7 E-9         | 1.0 E-08                                              |
| Polonium-210                   | ND                                           | ND                                         | ND                                          | 2.7 E-9         | 4.0 E-08                                              |
| <u>Chemical Parameters</u>     |                                              |                                            |                                             |                 |                                                       |
| Total Alkalinity mg/L          | 312                                          | 286                                        | 277                                         | 1.0             | N/A                                                   |
| Chloride mg/L                  | 54.2                                         | 6.2                                        | 39                                          | 1.0             | N/A                                                   |
| TDS mg/L                       | 3710                                         | 2200                                       | 3880                                        | 10              | N/A                                                   |
| Specific Conductivity umhos/cm | 6190                                         | 2780                                       | 5070                                        | 1.0             | N/A                                                   |
| Sulfate mg/L                   | 2870                                         | 1300                                       | 2540                                        | 30              | N/A                                                   |
| pH s.u.                        | 7.67                                         | 7.91                                       | 7.84                                        | 0.01            | N/A                                                   |
| Arsenic mg/L                   | 0.003                                        | 0.004                                      | 0.002                                       | 0.002           | N/A                                                   |
| Selenium mg/L                  | ND                                           | ND                                         | 0.005                                       | 0.005           | N/A                                                   |
| <u>Estimated Flow Rate:</u>    | Low                                          | Low                                        | Low                                         |                 |                                                       |
| Low = <5 cfs                   |                                              |                                            |                                             |                 |                                                       |
| Medium = 5 - 50 cfs            |                                              |                                            |                                             |                 |                                                       |
| High = > 50 cfs                |                                              |                                            |                                             |                 |                                                       |

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TABLE 6

COGEMA Mining, Inc. -- Irigaray and Christensen Ranch Projects

2003 Annual Effluent Report

Sample Type: Surface Discharge Water

Sample Location: Christensen Ranch Project, Discharge # 002 (Permit # WY0033642)

| Year 2003                                               | January            | February | March | April | May | June | July | August | September | October | November | December | Discharge Limits |                |
|---------------------------------------------------------|--------------------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|------------------|----------------|
|                                                         |                    |          |       |       |     |      |      |        |           |         |          |          | Average          | Maximum        |
| Flow (MGD) average                                      | 0.034              | ND       | ND    | ND    | ND  | ND   | ND   | ND     | ND        | ND      | ND       | ND       | 0.45             | NA             |
| Total Uranium as U (mg/l)<br>monthly sample             | 0.0003             | ND       | ND    | ND    | ND  | ND   | ND   | ND     | ND        | ND      | ND       | ND       | 2                | 4              |
| Dissolved Radium-226 (pCi/l)<br>monthly sample          | 0.8                | ND       | ND    | ND    | ND  | ND   | ND   | ND     | ND        | ND      | ND       | ND       | 3                | 10             |
| Total Radium-226 (pCi/l)<br>monthly sample              | < 0.2              | ND       | ND    | ND    | ND  | ND   | ND   | ND     | ND        | ND      | ND       | ND       | 10               | 30             |
| Total Suspended Solids (mg/l)<br>weekly samples maximum | 2.5                | ND       | ND    | ND    | ND  | ND   | ND   | ND     | ND        | ND      | ND       | ND       | 20               | 30             |
| Chemical Oxygen Demand (mg/l)<br>quarterly sample       | 27                 | ND       | ND    | ND    | ND  | ND   | ND   | ND     | ND        | ND      | ND       | ND       | 100              | 200            |
| Total Zinc (mg/l)<br>quarterly sample                   | 0.005              | ND       | ND    | ND    | ND  | ND   | ND   | ND     | ND        | ND      | ND       | ND       | 0.5              | 1.0            |
| pH (units) minimum<br>weekly samples maximum            | 6.7<br>6.9         | ND       | ND    | ND    | ND  | ND   | ND   | ND     | ND        | ND      | ND       | ND       | 6.0<br>minimum   | 9.0<br>maximum |
| Selenium (mg/l)<br>quarterly sample                     | 0.002              | ND       | ND    | ND    | ND  | ND   | ND   | ND     | ND        | ND      | ND       | ND       | 0.05             | 0.1            |
| Total Uranium (uCi/ml)<br>quarterly sample              | 0.2 E-9            | ND       | ND    | ND    | ND  | ND   | ND   | ND     | ND        | ND      | ND       | ND       | 3E-07*           |                |
| Total Radium 226 (uCi/ml)<br>quarterly sample           | < 0.2 E-9          | ND       | ND    | ND    | ND  | ND   | ND   | ND     | ND        | ND      | ND       | ND       | 6E-08*           |                |
| Total Thorium-230 (uCi/ml)<br>quarterly sample          | < 0.2 E-9          | ND       | ND    | ND    | ND  | ND   | ND   | ND     | ND        | ND      | ND       | ND       | 1E-07*           |                |
| Total Lead-210 (uCi/ml)<br>quarterly sample             | < 2.7 E-9          | ND       | ND    | ND    | ND  | ND   | ND   | ND     | ND        | ND      | ND       | ND       | 1E-08*           |                |
| Total Polonium-210 (uCi/ml)<br>quarterly sample         | 3.7 E-9<br>+/- 1.5 | ND       | ND    | ND    | ND  | ND   | ND   | ND     | ND        | ND      | ND       | ND       | 4E-08*           |                |

NA - Not Applicable

ND - No Discharge

\* 10 CFR 20, Appendix B, Table II, Column II Effluent Limitations

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## **APPENDIX 2**

### **Monitor and Trend Well Sampling Data**

## Monitor Wells

| Perimeter Ore Zone |             |          |          |             |          |
|--------------------|-------------|----------|----------|-------------|----------|
| Well No.           | Location    | Page No. | Well No. | Location    | Page No. |
| M2                 | Mine Unit 2 | 1        | M27      | Mine Unit 7 | 12       |
| M4                 | Mine Unit 2 | 2        | M28      | Mine Unit 8 | 13       |
| M7                 | Mine Unit 1 | 3        | M29      | Mine Unit 8 | 14       |
| M10                | Mine Unit 4 | 4        | M30      | Mine Unit 9 | 15       |
| M17                | Mine Unit 1 | 5        | M31      | Mine Unit 9 | 16       |
| M18                | Mine Unit 1 | 6        | M32      | Mine Unit 9 | 17       |
| M19                | Mine Unit 3 | 7        | M33      | Mine Unit 9 | 18       |
| M23                | Mine Unit 5 | 8        | T31      | Mine Unit 1 | 19       |
| M24                | Mine Unit 6 | 9        | RS27     | Mine Unit 5 | 20       |
| M25                | Mine Unit 6 | 10       | 16-151   | Mine Unit 9 | 21       |
| M26                | Mine Unit 7 | 11       |          |             |          |
| Shallow Sand       |             |          |          |             |          |
| SSM2               | Mine Unit 1 | 22       | SSM19    | Mine Unit 8 | 33       |
| SSM3               | Mine Unit 2 | 23       | SSM34    | Mine Unit 9 | 34       |
| SSM4               | Mine Unit 2 | 24       | SSM35    | Mine Unit 9 | 35       |
| SSM5               | Mine Unit 3 | 25       | SSM36    | Mine Unit 9 | 36       |
| SSM6               | Mine Unit 4 | 26       | SSM37    | Mine Unit 7 | 37       |
| SSM7               | Mine Unit 5 | 27       | SSM38    | Mine Unit 7 | 38       |
| SSM8               | Mine Unit 5 | 28       | SSM39    | Mine Unit 7 | 39       |
| SSM9               | Mine Unit 6 | 29       | SSM40    | Mine Unit 8 | 40       |
| SSM10              | Mine Unit 6 | 30       | SSM41    | Mine Unit 4 | 41       |
| SSM11              | Mine Unit 6 | 31       | SSM42    | Mine Unit 3 | 42       |
| SSM18              | Mine Unit 8 | 32       | SSM43    | Mine Unit 1 | 43       |
| Deep Sand          |             |          |          |             |          |
| DM1                | Mine Unit 1 | 44       | DM14     | Mine Unit 8 | 53       |
| DM2                | Mine Unit 1 | 45       | DM15     | Mine Unit 9 | 54       |
| DM3                | Mine Unit 2 | 46       | DM16     | Mine Unit 9 | 55       |
| DM4                | Mine Unit 4 | 47       | DM17     | Mine Unit 5 | 56       |
| DM5                | Mine Unit 2 | 48       | DM18     | Mine Unit 4 | 57       |
| DM9                | Mine Unit 5 | 49       | DM19     | Mine Unit 3 | 58       |
| DM10               | Mine Unit 6 | 50       | DM20     | Mine Unit 3 | 59       |
| DM11               | Mine Unit 7 | 51       | DM21     | Mine Unit 7 | 60       |
| DM13               | Mine Unit 8 | 52       | DM22     | Mine Unit 6 | 61       |

## Monitor Wells

| Perimeter Ore Zone |             |          |          |             |          |
|--------------------|-------------|----------|----------|-------------|----------|
| Well No.           | Location    | Page No. | Well No. | Location    | Page No. |
| MW17-2             | Mine Unit 3 | 62       | MW87     | Mine Unit 2 | 104      |
| MW18               | Mine Unit 3 | 63       | MW88     | Mine Unit 2 | 105      |
| MW19               | Mine Unit 3 | 64       | MW89     | Mine Unit 2 | 106      |
| MW20               | Mine Unit 3 | 65       | MW90     | Mine Unit 2 | 107      |
| MW23               | Mine Unit 3 | 66       | MW101    | Mine Unit 2 | 108      |
| MW24               | Mine Unit 3 | 67       | MW102    | Mine Unit 2 | 109      |
| MW25               | Mine Unit 3 | 68       | MW103    | Mine Unit 2 | 110      |
| MW26               | Mine Unit 3 | 69       | MW104    | Mine Unit 2 | 111      |
| MW27               | Mine Unit 3 | 70       | MW105    | Mine Unit 2 | 112      |
| MW28               | Mine Unit 3 | 71       | MW106    | Mine Unit 2 | 113      |
| MW29               | Mine Unit 3 | 72       | MW107    | Mine Unit 2 | 114      |
| MW30               | Mine Unit 3 | 73       | MW108    | Mine Unit 2 | 115      |
| MW31               | Mine Unit 3 | 74       | MW109    | Mine Unit 2 | 116      |
| MW32               | Mine Unit 3 | 75       | MW110    | Mine Unit 2 | 117      |
| MW35               | Mine Unit 3 | 76       | MW111    | Mine Unit 2 | 118      |
| MW36               | Mine Unit 3 | 77       | MW114    | Mine Unit 3 | 119      |
| MW37               | Mine Unit 3 | 78       | MW115    | Mine Unit 3 | 120      |
| MW38               | Mine Unit 3 | 79       | MW116    | Mine Unit 3 | 121      |
| MW39               | Mine Unit 3 | 80       | 4MW-1    | Mine Unit 4 | 122      |
| MW40               | Mine Unit 3 | 81       | 4MW-2    | Mine Unit 4 | 123      |
| MW41               | Mine Unit 3 | 82       | 4MW-3    | Mine Unit 4 | 124      |
| MW42               | Mine Unit 3 | 83       | 4MW-4    | Mine Unit 4 | 125      |
| MW43               | Mine Unit 3 | 84       | 4MW-5    | Mine Unit 4 | 126      |
| MW44               | Mine Unit 3 | 85       | 4MW-6    | Mine Unit 4 | 127      |
| MW45               | Mine Unit 3 | 86       | 4MW-7    | Mine Unit 4 | 128      |
| MW62               | Mine Unit 3 | 87       | 4MW-8    | Mine Unit 4 | 129      |
| MW63               | Mine Unit 3 | 88       | 4MW-9    | Mine Unit 4 | 130      |
| MW64               | Mine Unit 3 | 89       | 4MW-10   | Mine Unit 4 | 131      |
| MW73               | Mine Unit 2 | 90       | 4MW-11   | Mine Unit 4 | 132      |
| MW74               | Mine Unit 2 | 91       | 4MW-12   | Mine Unit 4 | 133      |
| MW75               | Mine Unit 2 | 92       | 4MW-13   | Mine Unit 4 | 134      |
| MW76               | Mine Unit 2 | 93       | 4MW-14   | Mine Unit 4 | 135      |
| MW77               | Mine Unit 2 | 94       | 4MW-15   | Mine Unit 4 | 136      |
| MW78               | Mine Unit 2 | 95       | 4MW-16   | Mine Unit 4 | 137      |
| MW79               | Mine Unit 2 | 96       | 4MW-17   | Mine Unit 4 | 138      |
| MW80               | Mine Unit 2 | 97       | 4MW-18   | Mine Unit 4 | 139      |
| MW81               | Mine Unit 2 | 98       | 4MW-19   | Mine Unit 4 | 140      |
| MW82               | Mine Unit 2 | 99       | 4MW-20   | Mine Unit 4 | 141      |
| MW83               | Mine Unit 2 | 100      | 4MW-21   | Mine Unit 4 | 142      |
| MW84               | Mine Unit 2 | 101      | 4MW-22   | Mine Unit 4 | 143      |
| MW85               | Mine Unit 2 | 102      | 4MW-23   | Mine Unit 4 | 144      |
| MW86               | Mine Unit 2 | 103      | 4MW-24   | Mine Unit 4 | 145      |

## Monitor Wells

| Perimeter Ore Zone (cont.) |             |          |          |             |          |
|----------------------------|-------------|----------|----------|-------------|----------|
| Well No.                   | Location    | Page No. | Well No. | Location    | Page No. |
| 4MW-25                     | Mine Unit 4 | 146      | 5MW57    | Mine Unit 5 | 188      |
| 5MW1                       | Mine Unit 5 | 147      | 5MW58    | Mine Unit 5 | 189      |
| 5MW2                       | Mine Unit 5 | 148      | 5MW59    | Mine Unit 5 | 190      |
| 5MW3                       | Mine Unit 5 | 149      | 5MW60    | Mine Unit 5 | 191      |
| 5MW4                       | Mine Unit 5 | 150      | 5MW61    | Mine Unit 5 | 192      |
| 5MW5                       | Mine Unit 5 | 151      | 5MW62    | Mine Unit 5 | 193      |
| 5MW6                       | Mine Unit 5 | 152      | 5MW63    | Mine Unit 5 | 194      |
| 5MW7                       | Mine Unit 5 | 153      | 5MW64    | Mine Unit 5 | 195      |
| 5MW8                       | Mine Unit 5 | 154      | 5MW65    | Mine Unit 5 | 196      |
| 5MW10                      | Mine Unit 5 | 155      | 5MW66    | Mine Unit 5 | 197      |
| 5MW12                      | Mine Unit 5 | 156      | 5MW67    | Mine Unit 5 | 198      |
| 5MW14                      | Mine Unit 5 | 157      | 5MW69    | Mine Unit 5 | 199      |
| 5MW16                      | Mine Unit 5 | 158      | 6MW17-2  | Mine Unit 6 | 200      |
| 5MW18                      | Mine Unit 5 | 159      | 6MW19    | Mine Unit 6 | 201      |
| 5MW20                      | Mine Unit 5 | 160      | 6MW21    | Mine Unit 6 | 202      |
| 5MW30A                     | Mine Unit 5 | 161      | 6MW23    | Mine Unit 6 | 203      |
| 5MW31                      | Mine Unit 5 | 162      | 6MW25    | Mine Unit 6 | 204      |
| 5MW32A                     | Mine Unit 5 | 163      | 6MW27    | Mine Unit 6 | 205      |
| 5MW33                      | Mine Unit 5 | 164      | 6MW29    | Mine Unit 6 | 206      |
| 5MW34                      | Mine Unit 5 | 165      | 6MW31    | Mine Unit 6 | 207      |
| 5MW35A                     | Mine Unit 5 | 166      | 6MW33    | Mine Unit 6 | 208      |
| 5MW36                      | Mine Unit 5 | 167      | 6MW34    | Mine Unit 6 | 209      |
| 5MW37                      | Mine Unit 5 | 168      | 6MW35    | Mine Unit 6 | 210      |
| 5MW38                      | Mine Unit 5 | 169      | 6MW36    | Mine Unit 6 | 211      |
| 5MW39A                     | Mine Unit 5 | 170      | 6MW37    | Mine Unit 6 | 212      |
| 5MW40                      | Mine Unit 5 | 171      | 6MW38    | Mine Unit 6 | 213      |
| 5MW41A                     | Mine Unit 5 | 172      | 6MW39    | Mine Unit 6 | 214      |
| 5MW42                      | Mine Unit 5 | 173      | 6MW40    | Mine Unit 6 | 215      |
| 5MW43                      | Mine Unit 5 | 174      | 6MW41    | Mine Unit 6 | 216      |
| 5MW44                      | Mine Unit 5 | 175      | 6MW42    | Mine Unit 6 | 217      |
| 5MW45                      | Mine Unit 5 | 176      | 6MW43    | Mine Unit 6 | 218      |
| 5MW46                      | Mine Unit 5 | 177      | 6MW44    | Mine Unit 6 | 219      |
| 5MW47B                     | Mine Unit 5 | 178      | 6MW45    | Mine Unit 6 | 220      |
| 5MW48                      | Mine Unit 5 | 179      | 6MW46    | Mine Unit 6 | 221      |
| 5MW49                      | Mine Unit 5 | 180      | 6MW47    | Mine Unit 6 | 222      |
| 5MW50                      | Mine Unit 5 | 181      | 6MW48-3  | Mine Unit 6 | 223      |
| 5MW51                      | Mine Unit 5 | 182      | 6MW49    | Mine Unit 6 | 224      |
| 5MW52                      | Mine Unit 5 | 183      | 6MW50    | Mine Unit 6 | 225      |
| 5MW53                      | Mine Unit 5 | 184      | 6MW51    | Mine Unit 6 | 226      |
| 5MW54                      | Mine Unit 5 | 185      | 6MW52    | Mine Unit 6 | 227      |
| 5MW55                      | Mine Unit 5 | 186      | 6MW53    | Mine Unit 6 | 228      |
| 5MW56                      | Mine Unit 5 | 187      | 6MW54    | Mine Unit 6 | 229      |

## Monitor Wells

| Shallow Sand |             |          |          |             |          |
|--------------|-------------|----------|----------|-------------|----------|
| Well No.     | Location    | Page No. | Well No. | Location    | Page No. |
| MW-11S       | Mine Unit 5 | 230      | 4SRM-07  | Mine Unit 4 | 252      |
| MW46S        | Mine Unit 3 | 231      | 5SM1     | Mine Unit 5 | 253      |
| MW48S        | Mine Unit 3 | 232      | 5SM2     | Mine Unit 5 | 254      |
| MW50S        | Mine Unit 3 | 233      | 5SM3     | Mine Unit 5 | 255      |
| MW52S        | Mine Unit 3 | 234      | 5SM5     | Mine Unit 5 | 256      |
| MW54S        | Mine Unit 3 | 235      | 5SM6     | Mine Unit 5 | 257      |
| MW56S        | Mine Unit 3 | 236      | 5SM7     | Mine Unit 5 | 258      |
| MW58S        | Mine Unit 3 | 237      | WCOW-04  | Mine Unit 5 | 259      |
| MW66S-2      | Mine Unit 3 | 238      | 6SM1     | Mine Unit 6 | 260      |
| MW68S        | Mine Unit 2 | 239      | 6SM2     | Mine Unit 6 | 261      |
| MW70S        | Mine Unit 2 | 240      | 6SM3     | Mine Unit 6 | 262      |
| MW72S        | Mine Unit 2 | 241      | 6SM4     | Mine Unit 6 | 263      |
| MW92S        | Mine Unit 2 | 242      | 6SM5     | Mine Unit 6 | 264      |
| MW94S        | Mine Unit 2 | 243      | 6SM6     | Mine Unit 6 | 265      |
| MW96S        | Mine Unit 2 | 244      | 6SM7     | Mine Unit 6 | 266      |
| MW98S        | Mine Unit 2 | 245      | 6SM8     | Mine Unit 6 | 267      |
| MW100S       | Mine Unit 2 | 246      | 6SM9     | Mine Unit 6 | 268      |
| MW112S       | Mine Unit 2 | 247      | 6SM10    | Mine Unit 6 | 269      |
| MW117S       | Mine Unit 2 | 248      | 6SM11    | Mine Unit 6 | 270      |
| 4SM-1        | Mine Unit 4 | 249      | 6SM12    | Mine Unit 6 | 271      |
| 4SM-4        | Mine Unit 4 | 250      | 6SM13    | Mine Unit 6 | 272      |
| 4SM-8        | Mine Unit 4 | 251      | 6SM14    | Mine Unit 6 | 273      |

## Monitor Wells

## Deep Sand

| Well No.                  | Location    | Page No. | Well No. | Location    | Page No. |
|---------------------------|-------------|----------|----------|-------------|----------|
| MW-12D                    | Mine Unit 5 | 274      | 5DM1A    | Mine Unit 5 | 296      |
| MW45D                     | Mine Unit 3 | 275      | 5DM2     | Mine Unit 5 | 297      |
| MW47D                     | Mine Unit 3 | 276      | 5DM3     | Mine Unit 5 | 298      |
| MW49D                     | Mine Unit 3 | 277      | 5DM4     | Mine Unit 5 | 299      |
| MW51D                     | Mine Unit 3 | 278      | 5DM5     | Mine Unit 5 | 300      |
| MW53D                     | Mine Unit 3 | 279      | 5DM7     | Mine Unit 5 | 301      |
| MW55D                     | Mine Unit 3 | 280      | WCOW-37D | Mine Unit 5 | 302      |
| MW57D                     | Mine Unit 3 | 281      | 6DM1     | Mine Unit 6 | 303      |
| MW65D                     | Mine Unit 3 | 282      | 6DM2     | Mine Unit 6 | 304      |
| MW67D                     | Mine Unit 2 | 283      | 6DM3-2   | Mine Unit 6 | 305      |
| MW69D                     | Mine Unit 2 | 284      | 6DM4-2   | Mine Unit 6 | 306      |
| MW71D                     | Mine Unit 2 | 285      | 6DM5     | Mine Unit 6 | 307      |
| MW91D                     | Mine Unit 2 | 286      | 6DM6     | Mine Unit 6 | 308      |
| MW93D                     | Mine Unit 2 | 287      | 6DM7     | Mine Unit 6 | 309      |
| MW95D                     | Mine Unit 2 | 288      | 6DM8     | Mine Unit 6 | 310      |
| MW97D                     | Mine Unit 2 | 289      | 6DM9     | Mine Unit 6 | 311      |
| MW99D                     | Mine Unit 2 | 290      | 6DM10    | Mine Unit 6 | 312      |
| MW113D                    | Mine Unit 2 | 291      | 6DM11    | Mine Unit 6 | 313      |
| 4DM-1                     | Mine Unit 4 | 292      | 6DM12    | Mine Unit 6 | 314      |
| 4DM-4                     | Mine Unit 4 | 293      | 6DM13    | Mine Unit 6 | 315      |
| 4DM-8                     | Mine Unit 4 | 294      | 6DM14    | Mine Unit 6 | 316      |
| 4DRM-07                   | Mine Unit 4 | 295      |          |             |          |
| <b>Trend Wells</b>        |             |          |          |             |          |
| <b>Perimeter Ore Zone</b> |             |          |          |             |          |
| Well No.                  | Location    | Page No. | Well No. | Location    | Page No. |
| MW78T                     | Mine Unit 2 | 317      | 6TW2     | Mine Unit 6 | 321      |
| MW87T                     | Mine Unit 2 | 318      | 6TW3     | Mine Unit 6 | 322      |
| 5TW-1                     | Mine Unit 5 | 319      | 6TW4     | Mine Unit 6 | 323      |
| 6TW-1                     | Mine Unit 6 | 320      | 6TW5     | Mine Unit 6 | 324      |
| <b>Deep Sand</b>          |             |          |          |             |          |
| 5DM8T                     | Mine Unit 5 | 325      | 6DT1     | Mine Unit 6 | 327      |
| 5DM9T                     | Mine Unit 5 | 326      |          |             |          |

## Monitor Wells

| Well No. | Location  | Page | Well No. | Location | Page |
|----------|-----------|------|----------|----------|------|
| M-219    | USMT Site | 328  | M-1      | 517 Site | 331  |
| M-220    | USMT Site | 329  | NM-3     | 517 Site | 332  |
| M-221    | USMT Site | 330  | M-4      | 517 Site | 333  |
|          |           |      | SM-1     | 517 Site | 334  |

# **IRIGARAY PROJECT**

## **Perimeter Ore Zone Monitor Wells**

Mine Unit 2  
Well I.D. M2

**COGEMA Mining Inc.**  
**IRIGARAY RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 18       | 685                  | 131.1                   |    |         |                       |

| Date        | Chloride | Specific Conductance | Total Alkalinity | pH  | Piezometric Elevation |
|-------------|----------|----------------------|------------------|-----|-----------------------|
| 03 MAR 2003 | 15.7     | 783 *                | 91.3             | 8.6 | 4298.2                |
| 23 JUN 2003 | 15.8     | 809 *                | 81.7             | 8.6 | 4298.9                |
| 09 SEP 2003 | 16.2     | 816 *                | 82.6             | 8.5 | 4298.1                |
| 17 DEC 2003 | 15.7     | 815 *                | 89.4             | 8.6 | 4297.5                |

\* Values Exceed Upper Control Limit

M2

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. M4

**COGEMA Mining Inc.**  
**IRIGARAY RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 18.1     | 671                  | 100.4                   |    |         |                       |

| Date        |      |      |   |      |     |        |
|-------------|------|------|---|------|-----|--------|
| 25 MAR 2003 | 10.5 | 1034 | * | 81.2 | 8.4 | 4309.0 |
| 23 JUN 2003 | 10.6 | 1049 | * | 73.5 | 8.5 | 4310.0 |
| 08 SEP 2003 | 10.9 | 1036 | * | 74.6 | 8.5 | 4309.5 |
| 16 DEC 2003 | 10.5 | 1029 | * | 83.6 | 8.5 | 4310.7 |

\* Values Exceed Upper Control Limit

M4

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

IRIGARAY RANCH

Mine Unit 1

Well I.D. M7

PERIMETER ORE ZONE MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 17.5     | 679                  | 109.8                   |    |         |                       |

## Date

|             |      |      |   |      |     |        |
|-------------|------|------|---|------|-----|--------|
| 03 MAR 2003 | 11.6 | 1859 | • | 88.4 | 8.0 | 4309.0 |
| 23 JUN 2003 | 11.5 | 1836 | • | 78.0 | 8.1 | 4309.6 |
| 09 SEP 2003 | 11.9 | 1808 | • | 78.4 | 8.0 | 4309.0 |
| 09 DEC 2003 | 11.4 | 1739 | • | 85.4 | 8.0 | 4309.5 |

\* Values Exceed Upper Control Limit

M7

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 4  
Well I.D. M10

**COGEMA Mining Inc.**  
**IRIGARAY RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 17.5     | 701                  | 132.3                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 03 MAR 2003 | 12.9 | 608 | 102.2 | 8.7 |  | 4302.0 |
| 23 JUN 2003 | 13.1 | 622 | 94.2  | 8.7 |  | 4295.9 |
| 09 SEP 2003 | 12.5 | 625 | 89.8  | 8.6 |  | 4301.9 |
| 17 DEC 2003 | 12.1 | 612 | 99.2  | 8.7 |  | 4301.9 |

\* Values Exceed Upper Control Limit

M10

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

IRIGARAY RANCH

Mine Unit 1  
Well I.D. M17

PERIMETER ORE ZONE MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 17.1     | 724                  | 112.9                   |    |         |                       |

## Date

|             |      |     |      |     |  |        |
|-------------|------|-----|------|-----|--|--------|
| 03 MAR 2003 | 10.1 | 649 | 90.3 | 8.6 |  | 4303.6 |
| 23 JUN 2003 | 9.9  | 654 | 81.5 | 8.6 |  | 4304.1 |
| 08 SEP 2003 | 10.2 | 661 | 80.2 | 8.5 |  | 4303.5 |
| 30 DEC 2003 | 10.1 | 651 | 89.9 | 8.5 |  | 4305.0 |

\* Values Exceed Upper Control Limit

M17

Negative U308 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## IRIGARAY RANCH

## PERIMETER ORE ZONE MONITOR WELL

Mine Unit 1  
Well I.D. M18

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 17       | 719                  | 111.7                   |    |         |                       |

## Date

|             |      |      |   |      |     |        |
|-------------|------|------|---|------|-----|--------|
| 03 MAR 2003 | 10.8 | 1099 | * | 87.4 | 8.3 | 4309.2 |
| 23 JUN 2003 | 10.6 | 1041 | * | 76.5 | 8.4 | 4309.8 |
| 09 SEP 2003 | 10.7 | 1020 | * | 77.1 | 8.3 | 4309.5 |
| 09 DEC 2003 | 10.5 | 973  | * | 86.7 | 8.3 | 4309.8 |

\* Values Exceed Upper Control Limit

M18

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## IRIGARAY RANCH

Mine Unit 3  
Well I.D. M19

## PERIMETER ORE ZONE MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 17       | 651                  | 116.7                   |    |         |                       |

## Date

|             |      |     |      |     |  |        |
|-------------|------|-----|------|-----|--|--------|
| 03 MAR 2003 | 11.3 | 619 | 93.1 | 8.6 |  | 4310.0 |
| 23 JUN 2003 | 11.0 | 637 | 81.9 | 8.6 |  | 4311.0 |
| 08 SEP 2003 | 11.0 | 646 | 80.5 | 8.6 |  | 4310.5 |
| 16 DEC 2003 | 10.7 | 637 | 90.5 | 8.7 |  | 4311.5 |

\* Values Exceed Upper Control Limit

M19

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. M23

**COGEMA Mining Inc.**  
**IRIGARAY RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 17       | 614                  | 106.6                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 03 MAR 2003 | 11.2 | 557 | 105.1 | 8.8 |  | 4313.5 |
| 23 JUN 2003 | 10.0 | 567 | 91.9  | 8.9 |  | 4313.5 |
| 08 SEP 2003 | 11.5 | 581 | 91.7  | 8.7 |  | 4315.0 |
| 16 DEC 2003 | 11.1 | 566 | 99.7  | 8.8 |  | 4315.0 |

\* Values Exceed Upper Control Limit

M23

Negative U308 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## IRIGARAY RANCH

Mine Unit 6  
Well I.D. M24

## PERIMETER ORE ZONE MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 14.5     | 632                  | 119.4                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 18 FEB 2003 | 9.2 | 504 | 113.3 | 8.9 |  | 4313.8 |
| 23 JUN 2003 | 8.9 | 506 | 102.1 | 8.8 |  | 4315.2 |
| 08 SEP 2003 | 9.5 | 509 | 107.1 | 8.8 |  | 4315.8 |
| 10 DEC 2003 | 8.7 | 499 | 115.0 | 8.9 |  | 4315.2 |

\* Values Exceed Upper Control Limit

M24

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

Mine Unit 6  
Well I.D. M25

IRIGARAY RANCH  
PERIMETER ORE ZONE MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 15.5     | 692                  | 111.9                   |    |         |                       |

| Date        |      |     |      |     |  |        |
|-------------|------|-----|------|-----|--|--------|
| 18 FEB 2003 | 11.1 | 604 | 96.4 | 8.7 |  | 4306.4 |
| 23 JUN 2003 | 10.8 | 605 | 85.2 | 8.6 |  | 4307.6 |
| 08 SEP 2003 | 10.8 | 610 | 86.2 | 8.6 |  | 4306.9 |
| 17 DEC 2003 | 11.2 | 602 | 99.8 | 8.7 |  | 4307.8 |

\* Values Exceed Upper Control Limit

M25

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 7  
Well I.D. M26

**COGEMA Mining Inc.**  
**IRIGARAY RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 14.6     | 596                  | 113.9                   |    |         |                       |

| Date        | Chloride | Specific Conductance | Total Alkalinity | pH  | Uranium | Piezometric Elevation |
|-------------|----------|----------------------|------------------|-----|---------|-----------------------|
| 18 FEB 2003 | 10.1     | 554                  | 103.1            | 8.7 |         | 4312.0                |
| 23 JUN 2003 | 9.9      | 554                  | 91.7             | 8.7 |         | 4313.0                |
| 08 SEP 2003 | 9.6      | 554                  | 91.8             | 8.7 |         | 4313.1                |
| 10 DEC 2003 | 10.0     | 544                  | 108.2            | 8.8 |         | 4313.3                |

\* Values Exceed Upper Control Limit

M26

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## IRIGARAY RANCH

## PERIMETER ORE ZONE MONITOR WELL

Mine Unit 7  
Well I.D. M27

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 15.2     | 625                  | 105.8                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 18 FEB 2003 | 11.5 | 607 | 100.8 | 8.7 |  | 4308.3 |
| 23 JUN 2003 | 10.8 | 609 | 85.8  | 8.6 |  | 4299.6 |
| 08 SEP 2003 | 11.3 | 613 | 89.7  | 8.6 |  | 4309.3 |
| 16 DEC 2003 | 10.8 | 605 | 99.4  | 8.7 |  | 4310.4 |

\* Values Exceed Upper Control Limit

M27

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 8  
Well I.D. M28

**COGEMA Mining Inc.**  
**IRIGARAY RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality<br>Parameters | Chloride | Specific<br>Conductance | Total<br>Alkalinity     | pH | Uranium | Piezometric<br>Elevation |
|-----------------------------|----------|-------------------------|-------------------------|----|---------|--------------------------|
| Units                       | mg/l     | $\mu$ mho/cm            | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                      |
| Upper Control Limit         | 15.5     | 715                     | 110.9                   |    |         |                          |

| Date        |      |     |      |     |        |
|-------------|------|-----|------|-----|--------|
| 18 FEB 2003 | 11.3 | 627 | 95.7 | 8.7 | 4316.8 |
| 23 JUN 2003 | 11.0 | 629 | 83.9 | 8.7 | 4318.0 |
| 08 SEP 2003 | 11.4 | 633 | 87.5 | 8.6 | 4317.9 |
| 09 DEC 2003 | 10.8 | 628 | 95.2 | 8.6 | 4318.3 |

\* Values Exceed Upper Control Limit

M28

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 8  
Well I.D. M29

**COGEMA Mining Inc.**  
**IRIGARAY RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 16.1     | 702                  | 109.8                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 18 FEB 2003 | 11.4 | 613 | 100.0 | 8.7 |  | 4314.3 |
| 23 JUN 2003 | 10.9 | 616 | 86.2  | 8.7 |  | 4315.9 |
| 08 SEP 2003 | 11.0 | 619 | 86.5  | 8.6 |  | 4315.4 |
| 16 DEC 2003 | 11.2 | 611 | 99.4  | 8.7 |  | 4316.7 |

\* Values Exceed Upper Control Limit

M29

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 9  
Well I.D. M30

**COGEMA Mining Inc.**  
**IRIGARAY RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 15.2     | 704                  | 105.5                   |    |         |                       |

## Date

|             |      |     |      |     |  |        |
|-------------|------|-----|------|-----|--|--------|
| 18 FEB 2003 | 11.4 | 620 | 98.5 | 8.7 |  | 4320.1 |
| 23 JUN 2003 | 10.6 | 629 | 82.3 | 8.7 |  | 4321.3 |
| 08 SEP 2003 | 10.9 | 633 | 85.3 | 8.6 |  | 4321.4 |
| 10 DEC 2003 | 10.9 | 625 | 97.1 | 8.7 |  | 4321.9 |

\* Values Exceed Upper Control Limit

M30

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## IRIGARAY RANCH

## PERIMETER ORE ZONE MONITOR WELL

Mine Unit 9  
Well I.D. M31

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 15.6     | 690                  | 107.2                   |    |         |                       |

## Date

|             |      |     |       |   |     |        |
|-------------|------|-----|-------|---|-----|--------|
| 18 FEB 2003 | 12.6 | 622 | 115.9 | • | 8.7 | 4316.9 |
| 23 JUN 2003 | 11.9 | 631 | 92.8  |   | 8.6 | 4318.3 |
| 08 SEP 2003 | 12.2 | 636 | 94.4  |   | 8.6 | 4317.8 |
| 10 DEC 2003 | 12.1 | 625 | 107.5 | • | 8.7 | 4318.2 |

\* Values Exceed Upper Control Limit

M31

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 9  
Well I.D. M32

**COGEMA Mining Inc.**  
**IRIGARAY RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 16.1     | 707                  | 107.4                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 18 FEB 2003 | 11.3 | 620 | 97.7  | 8.7 |  | 4322.6 |
| 23 JUN 2003 | 10.9 | 625 | 87.0  | 8.7 |  | 4323.8 |
| 08 SEP 2003 | 11.1 | 633 | 86.8  | 8.6 |  | 4323.6 |
| 10 DEC 2003 | 11.3 | 622 | 100.1 | 8.7 |  | 4324.1 |

\* Values Exceed Upper Control Limit

M32

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## IRIGARAY RANCH

## PERIMETER ORE ZONE MONITOR WELL

Mine Unit 9  
Well I.D. M33

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 15.9     | 686                  | 112                     |    |         |                       |

| Date        |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 18 FEB 2003 | 11.5 | 607 | 102.4 | 8.7 |  | 4314.4 |
| 23 JUN 2003 | 11.0 | 617 | 85.9  | 8.7 |  | 4317.5 |
| 08 SEP 2003 | 11.4 | 620 | 90.4  | 8.6 |  | 4317.4 |
| 10 DEC 2003 | 10.9 | 612 | 97.4  | 8.6 |  | 4317.8 |

\* Values Exceed Upper Control Limit

M33

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 1  
Well I.D. T31

**COGEMA Mining Inc.**  
**IRIGARAY RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 21.8     | 779                  | 106.1                   |    |         |                       |

| Date        | Chloride | Specific Conductance | Total Alkalinity | pH  | Uranium | Piezometric Elevation |
|-------------|----------|----------------------|------------------|-----|---------|-----------------------|
| 03 MAR 2003 | 16.5     | 699                  | 93.1             | 8.6 |         | 4295.9                |
| 23 JUN 2003 | 16.0     | 697                  | 79.9             | 8.7 |         | 4296.4                |
| 09 SEP 2003 | 16.1     | 699                  | 79.0             | 8.5 |         | 4296.4                |
| 17 DEC 2003 | 16.8     | 690                  | 88.5             | 8.7 |         | 4295.4                |

\* Values Exceed Upper Control Limit

T31

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. RS27

**COGEMA Mining Inc.**  
**IRIGARAY RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 16.9     | 646                  | 101.2                   |    |         |                       |

## Date

|             |      |     |      |     |  |        |
|-------------|------|-----|------|-----|--|--------|
| 03 MAR 2003 | 11.9 | 625 | 99.1 | 8.6 |  | 4306.2 |
| 23 JUN 2003 | 12.3 | 641 | 84.9 | 8.6 |  | 4306.8 |
| 08 SEP 2003 | 11.7 | 645 | 90.2 | 8.5 |  | 4306.8 |
| 17 DEC 2003 | 10.9 | 635 | 94.6 | 8.6 |  | 4307.3 |

\* Values Exceed Upper Control Limit

RS27

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 9  
Well I.D. 16-151

**COGEMA Mining Inc.**  
**IRIGARAY RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 16       | 702                  | 110.2                   |    |         |                       |

## Date

|             |      |     |      |     |  |        |
|-------------|------|-----|------|-----|--|--------|
| 18 FEB 2003 | 10.9 | 601 | 93.2 | 8.7 |  | 4320.7 |
| 23 JUN 2003 | 11.0 | 598 | 83.4 | 8.7 |  | 4321.8 |
| 08 SEP 2003 | 10.9 | 608 | 84.9 | 8.7 |  | 4321.8 |
| 10 DEC 2003 | 10.8 | 594 | 96.4 | 8.8 |  | 4322.4 |

\* Values Exceed Upper Control Limit

16-151

Negative U3O8 Grades Indicate Less Than Detection Limit.

## **IRIGARAY PROJECT**

**Interior Shallow Sand Monitor Wells**

Mine Unit 1  
Well I.D. SSM2

**COGEMA Mining Inc.**  
**IRIGARAY RANCH**  
**INTERIOR SHALLOW SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 20.3     | 2075                 | 128.4                   |    |         |                       |

## Date

|             |      |   |      |       |     |        |
|-------------|------|---|------|-------|-----|--------|
| 25 MAR 2003 | 24.3 | * | 2015 | 113.0 | 8.0 | 4309.0 |
| 30 JUN 2003 | 23.4 | * | 1987 | 98.0  | 8.0 | 4310.0 |
| 08 SEP 2003 | 24.2 | * | 2023 | 104.2 | 7.9 | 4310.1 |
| 30 DEC 2003 | 22.9 | * | 2023 | 109.8 | 7.9 | 4310.1 |

\* Values Exceed Upper Control Limit

SSM2

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. SSM3

COGEMA Mining Inc.  
IRIGARAY RANCH  
INTERIOR SHALLOW SAND MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity          | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|---------------------------|----|---------|-----------------------|
| Units                    | mg/l     | μ mho/cm             | mg/l as CaCO <sub>3</sub> |    | mg/l    | msl                   |
| Upper Control Limit      | 38.5     | 1451                 | 219.1                     |    |         |                       |

| Date        |       |   |      |   |       |     |
|-------------|-------|---|------|---|-------|-----|
| 06 JAN 2003 | 67.2  | * | 1918 | * | 155.1 | 7.7 |
| 13 JAN 2003 | 66.3  | * | 1932 | * | 151.6 | 7.8 |
| 21 JAN 2003 | 66.5  | * | 1911 | * | 153.9 | 7.9 |
| 27 JAN 2003 | 67.0  | * | 1925 | * | 155.2 | 7.8 |
| 03 FEB 2003 | 66.1  | * | 1917 | * | 152.3 | 7.7 |
| 10 FEB 2003 | 66.8  | * | 1905 | * | 154.0 | 7.9 |
| 18 FEB 2003 | 66.3  | * | 1914 | * | 154.8 | 7.9 |
| 24 FEB 2003 | 66.3  | * | 1920 | * | 149.8 | 7.8 |
| 03 MAR 2003 | 67.1  | * | 1890 | * | 155.0 | 7.8 |
| 11 MAR 2003 | 66.9  | * | 1904 | * | 152.8 | 7.8 |
| 17 MAR 2003 | 67.3  | * | 1924 | * | 151.2 | 7.8 |
| 25 MAR 2003 | 66.7  | * | 1906 | * | 151.4 | 7.9 |
| 01 APR 2003 | 68.7  | * | 1945 | * | 158.5 | 7.9 |
| 09 APR 2003 | 67.5  | * | 1925 | * | 151.8 | 7.9 |
| 14 APR 2003 | 67.0  | * | 1931 | * | 148.8 | 7.7 |
| 21 APR 2003 | 67.8  | * | 1918 | * | 150.5 | 7.7 |
| 28 APR 2003 | 68.0  | * | 1915 | * | 155.6 | 7.9 |
| 07 MAY 2003 | 67.0  | * | 1956 | * | 153.0 | 7.9 |
| 12 MAY 2003 | 67.3  | * | 1986 | * | 151.4 | 7.8 |
| 19 MAY 2003 | 67.6  | * | 1976 | * | 155.9 | 7.9 |
| 27 MAY 2003 | 67.4  | * | 1970 | * | 148.0 | 7.8 |
| 02 JUN 2003 | 66.2  | * | 1985 | * | 138.0 | 7.9 |
| 10 JUN 2003 | 65.7  | * | 1962 | * | 134.3 | 7.9 |
| 16 JUN 2003 | 67.0  | * | 1969 | * | 133.1 | 7.8 |
| 26 JUN 2003 | 67.4  | * | 1942 | * | 134.4 | 7.8 |
| 30 JUN 2003 | 68.8  | * | 1951 | * | 137.3 | 7.9 |
| 07 JUL 2003 | 66.5  | * | 1945 | * | 133.8 | 7.9 |
| 16 JUL 2003 | 65.3  | * | 1945 | * | 129.4 | 7.8 |
| 22 JUL 2003 | 67.9  | * | 1956 | * | 134.3 | 7.8 |
| 29 JUL 2003 | 67.4  | * | 1953 | * | 134.4 | 7.9 |
| 06 AUG 2003 | 67.1  | * | 1953 | * | 132.2 | 7.9 |
| 12 AUG 2003 | 66.9  | * | 1956 | * | 134.4 | 7.9 |
| 19 AUG 2003 | 67.8  | * | 1953 | * | 134.9 | 7.8 |
| 26 AUG 2003 | 66.7  | * | 1957 | * | 135.2 | 7.8 |
| 02 SEP 2003 | 66.3  | * | 1966 | * | 133.2 | 7.8 |
| 08 SEP 2003 | 67.2  | * | 1960 | * | 135.5 | 8.1 |
| 16 SEP 2003 | 67.2  | * | 1962 | * | 134.1 | 7.8 |
| 22 SEP 2003 | 67.8  | * | 1966 | * | 137.3 | 7.7 |
| 01 OCT 2003 | 67.3  | * | 1971 | * | 135.4 | 7.9 |
| 07 OCT 2003 | 67.3  | * | 1965 | * | 141.8 | 7.9 |
| 15 OCT 2003 | 104.0 | * | 1980 | * | 151.0 | 8.1 |
| 21 OCT 2003 | 67.4  | * | 1955 | * | 157.5 | 7.8 |
| 29 OCT 2003 | 66.1  | * | 1961 | * | 152.7 | 7.9 |
| 04 NOV 2003 | 66.1  | * | 1952 | * | 150.7 | 7.9 |
| 11 NOV 2003 | 65.9  | * | 1948 | * | 153.1 | 7.8 |
| 22 DEC 2003 | 66.4  | * | 1979 | * | 147.2 | 7.8 |

\* Values Exceed Upper Control Limit

SSM3

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

Mine Unit 2  
Well I.D. SSM4

IRIGARAY RANCH  
INTERIOR SHALLOW SAND MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 23.5     | 883                  | 275.5                   |    |         |                       |

| Date        |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 25 MAR 2003 | 18.9 | 686 | 285.3 | 8.6 |  | 4303.0 |
| 30 JUN 2003 | 17.8 | 704 | 259.9 | 8.3 |  | 4304.1 |
| 08 SEP 2003 | 18.9 | 717 | 262.3 | 8.2 |  | 4302.8 |

\* Values Exceed Upper Control Limit

SSM4

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## IRIGARAY RANCH

## INTERIOR SHALLOW SAND MONITOR WELL

2003

Mine Unit 3  
Well I.D. SSM5

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 21.5     | 825                  | 254.9                   |    |         |                       |

| Date        |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 25 MAR 2003 | 15.0 | 685 | 233.2 | 8.2 |  | 4312.0 |
| 30 JUN 2003 | 14.6 | 688 | 221.1 | 8.2 |  | 4312.7 |
| 08 SEP 2003 | 14.7 | 695 | 208.0 | 8.2 |  | 4312.7 |
| 22 DEC 2003 | 14.5 | 687 | 229.1 | 8.0 |  | 4312.3 |

\* Values Exceed Upper Control Limit

SSM5

Negative U308 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## IRIGARAY RANCH

Mine Unit 4  
Well I.D. SSM6

## INTERIOR SHALLOW SAND MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 16.3     | 2445                 | 122.2                   |    |         |                       |

| Date        |      |      |       |     |  |        |
|-------------|------|------|-------|-----|--|--------|
| 24 MAR 2003 | 11.7 | 2033 | 97.4  | 7.9 |  | 4311.0 |
| 30 JUN 2003 | 11.7 | 2049 | 86.5  | 7.9 |  | 4312.2 |
| 08 SEP 2003 | 11.7 | 2075 | 90.6  | 7.9 |  | 4312.4 |
| 22 DEC 2003 | 11.5 | 2053 | 100.5 | 7.7 |  | 4312.4 |

\* Values Exceed Upper Control Limit

SSM6

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. SSM7

**COGEMA Mining Inc.**  
**IRIGARAY RANCH**  
**INTERIOR SHALLOW SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 17.1     | 2604                 | 119.4                   |    |         |                       |

## Date

|             |      |      |       |     |  |        |
|-------------|------|------|-------|-----|--|--------|
| 24 MAR 2003 | 13.0 | 2289 | 97.6  | 7.8 |  | 4312.0 |
| 30 JUN 2003 | 12.9 | 2304 | 86.9  | 7.8 |  | 4312.9 |
| 08 SEP 2003 | 12.9 | 2328 | 90.6  | 7.9 |  | 4312.7 |
| 09 DEC 2003 | 12.9 | 2277 | 105.4 | 7.9 |  | 4312.1 |

\* Values Exceed Upper Control Limit

SSM7

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. SSM8

**COGEMA Mining Inc.**  
**IRIGARAY RANCH**  
**INTERIOR SHALLOW SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 16.6     | 2389                 | 112.2                   |    |         |                       |

| Date        |      |   |      |       |   |     |
|-------------|------|---|------|-------|---|-----|
| 24 MAR 2003 | 24.3 | * | 2358 | 113.1 | * | 7.9 |
| 25 MAR 2003 | 22.4 | * | 2279 | 110.6 |   | 7.9 |
| 26 MAR 2003 | 23.0 | * | 2278 | 111.4 |   | 7.8 |
| 30 JUN 2003 | 23.9 | * | 2375 | 105.5 |   | 7.9 |
| 08 SEP 2003 | 24.3 | * | 2398 | 106.4 |   | 7.9 |
| 09 SEP 2003 | 22.2 | * | 2329 | 98.7  |   | 7.9 |
| 10 DEC 2003 | 25.4 | * | 2471 | 123.3 | * | 7.9 |
| 16 DEC 2003 | 22.3 | * | 2344 | 112.2 |   | 7.9 |
| 22 DEC 2003 | 22.8 | * | 2310 | 112.9 | * | 7.8 |
| 30 DEC 2003 | 21.8 | * | 2318 | 110.5 |   | 7.8 |

\* Values Exceed Upper Control Limit

SSM8

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. SSM9

**COGEMA Mining Inc.**  
**IRIGARAY RANCH**  
**INTERIOR SHALLOW SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 15       | 2008                 | 117.8                   |    |         |                       |

## Date

|             |     |      |      |     |  |        |
|-------------|-----|------|------|-----|--|--------|
| 24 MAR 2003 | 9.4 | 1519 | 97.4 | 7.9 |  | 4314.0 |
| 30 JUN 2003 | 9.4 | 1526 | 86.8 | 7.9 |  | 4314.8 |
| 08 SEP 2003 | 9.4 | 1519 | 87.9 | 7.9 |  | 4314.9 |
| 09 DEC 2003 | 9.2 | 1516 | 99.4 | 8.0 |  | 4314.4 |

\* Values Exceed Upper Control Limit

SSM9

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

Mine Unit 6  
Well I.D. SSM10

IRIGARAY RANCH  
INTERIOR SHALLOW SAND MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 15.5     | 1955                 | 177.4                   |    |         |                       |

## Date

|             |      |      |       |     |  |        |
|-------------|------|------|-------|-----|--|--------|
| 24 MAR 2003 | 10.8 | 1557 | 107.0 | 7.9 |  | 4313.0 |
| 30 JUN 2003 | 10.7 | 1563 | 96.5  | 8.0 |  | 4314.6 |
| 09 SEP 2003 | 10.7 | 1573 | 96.3  | 8.0 |  | 4314.8 |
| 09 DEC 2003 | 10.4 | 1531 | 106.7 | 7.9 |  | 4314.2 |

\* Values Exceed Upper Control Limit

SSM10

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## IRIGARAY RANCH

Mine Unit 6  
Well I.D. SSM11

## INTERIOR SHALLOW SAND MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 16.2     | 2784                 | 122.9                   |    |         |                       |

| Date        |        |      |      |     |  |        |
|-------------|--------|------|------|-----|--|--------|
| 24 MAR 2003 | 13.8   | 2424 | 88.8 | 7.8 |  | 4315.0 |
| 30 JUN 2003 | 13.7   | 2442 | 78.3 | 7.8 |  | 4316.3 |
| 09 SEP 2003 | 16.4 * | 2486 | 86.0 | 7.8 |  | 4316.3 |
| 09 DEC 2003 | 14.0   | 2446 | 87.5 | 7.8 |  | 4315.9 |

\* Values Exceed Upper Control Limit

SSM11

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 8  
Well I.D. SSM18

COGEMA Mining Inc.  
IRIGARAY RANCH  
INTERIOR SHALLOW SAND MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 14.7     | 1849                 | 119.4                   |    |         |                       |

## Date

|             |      |   |      |   |       |   |     |        |
|-------------|------|---|------|---|-------|---|-----|--------|
| 06 JAN 2003 | 19.3 | * | 1948 | * | 153.5 | * | 7.8 | 4314.9 |
| 13 JAN 2003 | 18.6 | * | 1922 | * | 148.2 | * | 7.8 | 4314.9 |
| 21 JAN 2003 | 19.0 | * | 1917 | * | 151.2 | * | 7.8 | 4315.0 |
| 27 JAN 2003 | 19.0 | * | 1915 | * | 150.8 | * | 7.8 | 4315.1 |
| 03 FEB 2003 | 19.1 | * | 1925 | * | 150.6 | * | 7.7 | 4315.2 |
| 10 FEB 2003 | 18.6 | * | 1920 | * | 147.2 | * | 7.8 | 4315.2 |
| 18 FEB 2003 | 19.2 | * | 1899 | * | 152.8 | * | 7.9 | 4314.4 |
| 24 FEB 2003 | 18.3 | * | 1908 | * | 145.2 | * | 7.8 | 4315.2 |
| 03 MAR 2003 | 19.3 | * | 1880 | * | 150.2 | * | 7.9 | 4315.4 |
| 10 MAR 2003 | 20.2 | * | 1929 | * | 158.7 | * | 7.8 | 4314.5 |
| 17 MAR 2003 | 19.7 | * | 1949 | * | 153.1 | * | 7.8 | 4314.0 |
| 24 MAR 2003 | 19.0 | * | 1934 | * | 149.9 | * | 7.9 | 4314.0 |
| 01 APR 2003 | 19.3 | * | 1967 | * | 150.0 | * | 7.9 | 4314.0 |
| 09 APR 2003 | 19.4 | * | 1921 | * | 152.9 | * | 7.8 | 4314.0 |
| 14 APR 2003 | 19.0 | * | 1950 | * | 151.0 | * | 7.8 | 4315.0 |
| 21 APR 2003 | 19.6 | * | 1964 | * | 150.3 | * | 7.7 | 4315.0 |
| 28 APR 2003 | 19.6 | * | 1941 | * | 153.5 | * | 7.9 | 4314.5 |
| 07 MAY 2003 | 19.0 | * | 1982 | * | 149.6 | * | 7.9 | 4315.8 |
| 12 MAY 2003 | 18.7 | * | 1969 | * | 146.7 | * | 7.9 | 4315.9 |
| 19 MAY 2003 | 18.8 | * | 1968 | * | 146.2 | * | 7.9 | 4314.9 |
| 27 MAY 2003 | 18.3 | * | 1992 | * | 140.7 | * | 7.7 | 4315.8 |
| 02 JUN 2003 | 19.3 | * | 2011 | * | 136.8 | * | 7.9 | 4315.6 |
| 10 JUN 2003 | 18.9 | * | 1977 | * | 133.1 | * | 8.0 | 4314.5 |
| 16 JUN 2003 | 19.0 | * | 1989 | * | 132.9 | * | 7.8 | 4315.7 |
| 26 JUN 2003 | 19.3 | * | 1968 | * | 133.2 | * | 7.8 | 4315.9 |
| 30 JUN 2003 | 18.9 | * | 1945 | * | 129.9 | * | 7.8 | 4315.6 |
| 07 JUL 2003 | 19.1 | * | 1963 | * | 133.6 | * | 7.8 | 4315.9 |
| 16 JUL 2003 | 18.2 | * | 1982 | * | 127.6 | * | 7.8 | 4315.8 |
| 22 JUL 2003 | 18.9 | * | 1972 | * | 132.0 | * | 7.8 | 4315.7 |
| 29 JUL 2003 | 18.7 | * | 1964 | * | 130.1 | * | 7.8 | 4315.9 |
| 06 AUG 2003 | 19.1 | * | 1980 | * | 129.8 | * | 8.0 | 4316.0 |
| 12 AUG 2003 | 19.5 | * | 1996 | * | 136.1 | * | 7.9 | 4315.8 |
| 19 AUG 2003 | 19.0 | * | 1974 | * | 132.6 | * | 7.8 | 4315.9 |
| 26 AUG 2003 | 19.6 | * | 1983 | * | 139.2 | * | 7.7 | 4315.2 |
| 02 SEP 2003 | 18.7 | * | 2024 | * | 134.2 | * | 7.7 | 4315.1 |
| 09 SEP 2003 | 18.0 | * | 1987 | * | 129.2 | * | 7.8 | 4315.8 |
| 16 SEP 2003 | 18.6 | * | 1993 | * | 130.5 | * | 7.6 | 4316.0 |
| 22 SEP 2003 | 19.1 | * | 1990 | * | 134.1 | * | 7.6 | 4315.8 |
| 01 OCT 2003 | 18.9 | * | 2009 | * | 132.6 | * | 7.7 | 4315.8 |
| 07 OCT 2003 | 20.1 | * | 2052 | * | 143.5 | * | 7.7 | 4316.0 |
| 15 OCT 2003 | 15.0 | * | 1980 | * | 150.0 | * | 8.1 | 4316.0 |
| 21 OCT 2003 | 19.5 | * | 1990 | * | 157.7 | * | 7.6 | 4316.0 |
| 29 OCT 2003 | 18.5 | * | 2000 | * | 150.6 | * | 7.7 | 4316.0 |
| 04 NOV 2003 | 19.0 | * | 1976 | * | 154.0 | * | 7.7 | 4315.9 |
| 11 NOV 2003 | 18.7 | * | 1956 | * | 150.8 | * | 7.7 | 4316.0 |
| 09 DEC 2003 | 19.9 | * | 2051 | * | 159.8 | * | 7.8 | 4315.3 |

\* Values Exceed Upper Control Limit

SSM18

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 8  
Well I.D. SSM19

**COGEMA Mining Inc.**  
**IRIGARAY RANCH**  
**INTERIOR SHALLOW SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.7     | 1636                 | 114.1                   |    |         |                       |

## Date

|             |     |      |      |     |  |        |
|-------------|-----|------|------|-----|--|--------|
| 10 MAR 2003 | 8.9 | 1497 | 85.6 | 8.1 |  | 4315.1 |
| 30 JUN 2003 | 9.1 | 1509 | 77.2 | 8.2 |  | 4316.7 |
| 09 SEP 2003 | 8.9 | 1514 | 76.0 | 8.2 |  | 4315.7 |
| 09 DEC 2003 | 9.1 | 1491 | 89.9 | 8.3 |  | 4316.0 |

\* Values Exceed Upper Control Limit

SSM19

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 9  
Well I.D. SSM34

**COGEMA Mining Inc.**  
**IRIGARAY RANCH**  
**INTERIOR SHALLOW SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.2     | 1698                 | 110.4                   |    |         |                       |

## Date

|             |     |      |      |     |  |        |
|-------------|-----|------|------|-----|--|--------|
| 10 MAR 2003 | 9.3 | 1214 | 92.8 | 8.1 |  | 4314.8 |
| 30 JUN 2003 | 9.1 | 1229 | 84.2 | 8.1 |  | 4315.2 |
| 09 SEP 2003 | 8.7 | 1236 | 77.5 | 8.1 |  | 4314.6 |
| 10 DEC 2003 | 9.1 | 1218 | 92.7 | 8.2 |  | 4314.9 |

\* Values Exceed Upper Control Limit

SSM34

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## IRIGARAY RANCH

## INTERIOR SHALLOW SAND MONITOR WELL

2003

Mine Unit 9  
Well I.D. SSM35

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 14.4     | 1688                 | 132.7                   |    |         |                       |

## Date

|             |     |      |       |     |  |        |
|-------------|-----|------|-------|-----|--|--------|
| 10 MAR 2003 | 9.9 | 1291 | 111.7 | 8.2 |  | 4315.3 |
| 30 JUN 2003 | 9.5 | 1290 | 99.1  | 8.3 |  | 4316.0 |
| 09 SEP 2003 | 9.5 | 1286 | 93.5  | 8.2 |  | 4315.6 |
| 09 DEC 2003 | 9.8 | 1306 | 108.8 | 8.3 |  | 4315.0 |

\* Values Exceed Upper Control Limit

SSM35

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 9  
Well I.D. - SSM36

**COGEMA Mining Inc.**  
**IRIGARAY RANCH**  
**INTERIOR SHALLOW SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.7     | 1565                 | 119.6                   |    |         |                       |

## Date

|             |     |      |       |     |  |        |
|-------------|-----|------|-------|-----|--|--------|
| 10 MAR 2003 | 9.1 | 1298 | 106.0 | 8.1 |  | 4316.7 |
| 30 JUN 2003 | 9.2 | 1310 | 100.2 | 8.3 |  | 4317.2 |
| 09 SEP 2003 | 8.8 | 1297 | 94.2  | 8.2 |  | 4316.4 |
| 09 DEC 2003 | 9.0 | 1283 | 110.6 | 8.2 |  | 4317.0 |

\* Values Exceed Upper Control Limit

SSM36

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## IRIGARAY RANCH

Mine Unit 7  
Well I.D. SSM37

## INTERIOR SHALLOW SAND MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 14.3     | 1813                 | 120                     |    |         |                       |

## Date

|             |      |      |       |     |  |        |
|-------------|------|------|-------|-----|--|--------|
| 17 MAR 2003 | 10.4 | 1552 | 109.7 | 7.9 |  | 4311.0 |
| 30 JUN 2003 | 10.3 | 1539 | 97.0  | 8.0 |  | 4312.0 |
| 09 SEP 2003 | 10.4 | 1544 | 99.7  | 7.9 |  | 4311.8 |
| 09 DEC 2003 | 10.4 | 1521 | 113.9 | 8.0 |  | 4311.2 |

\* Values Exceed Upper Control Limit

SSM37

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

Mine Unit 7  
Well I.D. SSM38

IRIGARAY RANCH  
INTERIOR SHALLOW SAND MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 16.2     | 2800                 | 118.8                   |    |         |                       |

| Date        |      |      |       |     |        |
|-------------|------|------|-------|-----|--------|
| 17 MAR 2003 | 11.1 | 2224 | 97.2  | 7.8 | 4313.0 |
| 30 JUN 2003 | 11.1 | 2217 | 85.3  | 7.9 | 4314.1 |
| 09 SEP 2003 | 10.9 | 2228 | 86.9  | 7.8 | 4314.2 |
| 09 DEC 2003 | 10.8 | 2175 | 100.9 | 7.9 | 4313.7 |

\* Values Exceed Upper Control Limit

SSM38

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## IRIGARAY RANCH

Mine Unit 7  
Well I.D. SSM39

## INTERIOR SHALLOW SAND MONITOR WELL

2003 ..

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 14.5     | 2071                 | 104.4                   |    |         |                       |

## Date

|             |      |      |       |   |     |        |
|-------------|------|------|-------|---|-----|--------|
| 17 MAR 2003 | 12.4 | 1835 | 106.9 | * | 7.7 | 4312.0 |
| 30 JUN 2003 | 11.8 | 1841 | 98.6  |   | 7.9 | 4312.5 |
| 09 SEP 2003 | 11.6 | 1849 | 91.4  |   | 7.9 | 4310.8 |
| 09 DEC 2003 | 12.0 | 1836 | 107.9 | * | 8.0 | 4312.0 |

\* Values Exceed Upper Control Limit

SSM39

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 8  
Well I.D. SSM40

**COGEMA Mining Inc.**  
**IRIGARAY RANCH**  
**INTERIOR SHALLOW SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.6     | 1672                 | 109.2                   |    |         |                       |

## Date

|             |      |   |      |       |   |     |        |
|-------------|------|---|------|-------|---|-----|--------|
| 06 JAN 2003 | 14.4 | * | 1655 | 114.3 | * | 8.0 | 4316.5 |
| 13 JAN 2003 | 13.9 | * | 1663 | 109.2 | * | 8.0 | 4316.7 |
| 21 JAN 2003 | 13.6 | * | 1638 | 108.6 | * | 8.1 | 4316.7 |
| 27 JAN 2003 | 13.7 | * | 1633 | 109.8 | * | 8.1 | 4316.8 |
| 03 FEB 2003 | 14.3 | * | 1629 | 113.4 | * | 7.9 | 4317.0 |
| 10 FEB 2003 | 14.0 | * | 1648 | 111.0 | * | 8.2 | 4317.0 |
| 18 FEB 2003 | 13.7 | * | 1615 | 111.4 | * | 8.3 | 4316.9 |
| 24 FEB 2003 | 14.7 | * | 1704 | 112.3 | * | 8.1 | 4317.0 |
| 03 MAR 2003 | 14.5 | * | 1690 | 113.7 | * | 7.8 | 4317.0 |
| 10 MAR 2003 | 13.7 | * | 1648 | 116.5 | * | 8.1 | 4316.8 |
| 17 MAR 2003 | 14.1 | * | 1654 | 116.9 | * | 8.0 | 4317.0 |
| 24 MAR 2003 | 13.8 | * | 1702 | 116.6 | * | 8.0 | 4317.0 |
| 01 APR 2003 | 13.5 | * | 1631 | 108.8 | * | 8.3 | 4317.0 |
| 09 APR 2003 | 14.8 | * | 1690 | 114.6 | * | 8.1 | 4317.0 |
| 14 APR 2003 | 14.4 | * | 1686 | 110.9 | * | 7.9 | 4317.0 |
| 21 APR 2003 | 12.9 | * | 1689 | 102.0 | * | 7.9 | 4317.0 |
| 28 APR 2003 | 14.1 | * | 1713 | 110.1 | * | 8.1 | 4317.2 |
| 07 MAY 2003 | 13.5 | * | 1633 | 107.7 | * | 8.2 | 4317.5 |
| 12 MAY 2003 | 13.8 | * | 1743 | 105.8 | * | 8.3 | 4317.4 |
| 19 MAY 2003 | 13.5 | * | 1680 | 105.7 | * | 8.4 | 4317.4 |
| 27 MAY 2003 | 13.6 | * | 1671 | 105.2 | * | 8.0 | 4317.2 |
| 02 JUN 2003 | 13.8 | * | 1698 | 97.9  | * | 8.3 | 4317.4 |
| 10 JUN 2003 | 13.2 | * | 1631 | 95.1  | * | 8.3 | 4317.4 |
| 16 JUN 2003 | 13.8 | * | 1687 | 96.2  | * | 8.2 | 4317.4 |
| 26 JUN 2003 | 13.3 | * | 1626 | 94.6  | * | 8.2 | 4317.7 |
| 30 JUN 2003 | 13.7 | * | 1665 | 86.9  | * | 8.2 | 4317.4 |
| 07 JUL 2003 | 14.4 | * | 1687 | 86.9  | * | 8.2 | 4317.8 |
| 16 JUL 2003 | 13.5 | * | 1709 | 92.6  | * | 8.2 | 4317.4 |
| 22 JUL 2003 | 13.8 | * | 1680 | 96.0  | * | 8.1 | 4317.4 |
| 29 JUL 2003 | 13.6 | * | 1681 | 93.5  | * | 8.2 | 4317.5 |
| 06 AUG 2003 | 13.8 | * | 1684 | 95.4  | * | 8.3 | 4317.4 |
| 12 AUG 2003 | 13.3 | * | 1659 | 94.3  | * | 8.3 | 4317.6 |
| 19 AUG 2003 | 13.9 | * | 1724 | 97.5  | * | 8.2 | 4317.4 |
| 26 AUG 2003 | 13.3 | * | 1644 | 97.3  | * | 7.9 | 4317.6 |
| 02 SEP 2003 | 13.1 | * | 1632 | 95.7  | * | 7.9 | 4317.5 |
| 09 SEP 2003 | 14.0 | * | 1740 | 98.9  | * | 8.0 | 4316.7 |
| 16 SEP 2003 | 13.2 | * | 1648 | 95.6  | * | 7.9 | 4317.7 |
| 22 SEP 2003 | 13.6 | * | 1687 | 96.6  | * | 7.9 | 4317.7 |
| 01 OCT 2003 | 13.0 | * | 1626 | 94.9  | * | 7.9 | 4317.7 |
| 07 OCT 2003 | 13.7 | * | 1679 | 107.7 | * | 8.0 | 4317.8 |
| 15 OCT 2003 | 10.9 | * | 1650 | 109.0 | * | 8.1 | 4317.8 |
| 21 OCT 2003 | 12.8 | * | 1645 | 106.7 | * | 8.0 | 4317.8 |
| 29 OCT 2003 | 13.3 | * | 1735 | 117.8 | * | 8.0 | 4317.8 |
| 04 NOV 2003 | 14.0 | * | 1688 | 113.8 | * | 8.0 | 4317.9 |
| 11 NOV 2003 | 13.5 | * | 1664 | 111.2 | * | 8.0 | 4318.0 |
| 09 DEC 2003 | 11.0 | * | 1451 | 99.6  | * | 8.0 | 4316.7 |

\* Values Exceed Upper Control Limit

SSM40

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 4  
Well I.D. SSM41

**COGEMA Mining Inc.**  
**IRIGARAY RANCH**  
**INTERIOR SHALLOW SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 24.9     | 2566                 | 126.8                   |    |         |                       |

## Date

|             |      |   |      |       |   |     |        |
|-------------|------|---|------|-------|---|-----|--------|
| 06 JAN 2003 | 38.2 | * | 2482 | 140.2 | * | 7.8 | 4311.9 |
| 13 JAN 2003 | 37.6 | * | 2492 | 136.9 | * | 7.7 | 4312.0 |
| 21 JAN 2003 | 37.5 | * | 2456 | 139.4 | * | 7.8 | 4312.0 |
| 27 JAN 2003 | 37.2 | * | 2472 | 138.8 | * | 7.9 | 4310.0 |
| 03 FEB 2003 | 38.3 | * | 2465 | 140.3 | * | 7.7 | 4312.0 |
| 10 FEB 2003 | 36.6 | * | 2469 | 135.6 | * | 7.9 | 4310.0 |
| 18 FEB 2003 | 37.6 | * | 2470 | 138.6 | * | 7.9 | 4312.1 |
| 24 FEB 2003 | 37.7 | * | 2460 | 138.7 | * | 7.8 | 4312.1 |
| 03 MAR 2003 | 37.3 | * | 2423 | 137.7 | * | 8.0 | 4312.2 |
| 11 MAR 2003 | 37.1 | * | 2435 | 135.9 | * | 8.0 | 4312.3 |
| 17 MAR 2003 | 37.8 | * | 2456 | 138.3 | * | 7.8 | 4312.0 |
| 24 MAR 2003 | 37.8 | * | 2459 | 138.7 | * | 7.9 | 4312.0 |
| 01 APR 2003 | 38.2 | * | 2483 | 134.1 | * | 7.4 | 4312.0 |
| 09 APR 2003 | 37.5 | * | 2459 | 136.9 | * | 7.8 | 4312.0 |
| 14 APR 2003 | 36.6 | * | 2458 | 132.4 | * | 7.7 | 4312.0 |
| 21 APR 2003 | 38.3 | * | 2450 | 139.1 | * | 7.7 | 4312.0 |
| 28 APR 2003 | 37.8 | * | 2448 | 139.5 | * | 7.8 | 4312.6 |
| 07 MAY 2003 | 39.4 | * | 2542 | 141.0 | * | 7.9 | 4312.9 |
| 12 MAY 2003 | 36.7 | * | 2530 | 134.9 | * | 7.8 | 4312.7 |
| 19 MAY 2003 | 37.4 | * | 2518 | 137.6 | * | 7.9 | 4312.7 |
| 27 MAY 2003 | 37.4 | * | 2518 | 132.9 | * | 7.7 | 4312.8 |
| 02 JUN 2003 | 37.4 | * | 2523 | 126.1 |   | 7.9 | 4312.8 |
| 10 JUN 2003 | 36.9 | * | 2501 | 123.4 |   | 7.9 | 4311.7 |
| 16 JUN 2003 | 38.0 | * | 2533 | 121.3 |   | 7.8 | 4312.8 |
| 26 JUN 2003 | 38.1 | * | 2487 | 124.1 |   | 7.8 | 4312.9 |
| 30 JUN 2003 | 36.3 | * | 2467 | 119.0 |   | 7.8 | 4312.8 |
| 07 JUL 2003 | 36.4 | * | 2469 | 121.3 |   | 7.9 | 4312.7 |
| 16 JUL 2003 | 35.0 | * | 2474 | 115.2 |   | 7.8 | 4312.7 |
| 22 JUL 2003 | 36.5 | * | 2479 | 121.1 |   | 7.8 | 4312.7 |
| 29 JUL 2003 | 36.3 | * | 2472 | 119.8 |   | 7.8 | 4312.6 |
| 06 AUG 2003 | 37.9 | * | 2500 | 123.4 |   | 7.9 | 4312.9 |
| 12 AUG 2003 | 37.5 | * | 2475 | 126.5 |   | 7.9 | 4312.6 |
| 19 AUG 2003 | 36.5 | * | 2479 | 121.1 |   | 7.8 | 4312.7 |
| 26 AUG 2003 | 37.3 | * | 2487 | 125.7 |   | 7.8 | 4312.4 |
| 02 SEP 2003 | 37.3 | * | 2484 | 125.8 |   | 7.7 | 4312.9 |
| 08 SEP 2003 | 38.6 | * | 2536 | 125.7 |   | 7.9 | 4312.6 |
| 16 SEP 2003 | 37.1 | * | 2485 | 125.7 |   | 7.7 | 4312.7 |
| 22 SEP 2003 | 36.4 | * | 2487 | 121.7 |   | 7.6 | 4312.5 |
| 01 OCT 2003 | 36.6 | * | 2505 | 122.0 |   | 7.7 | 4312.5 |
| 07 OCT 2003 | 38.6 | * | 2536 | 126.6 |   | 7.8 | 4312.5 |
| 15 OCT 2003 | 30.7 | * | 2480 | 139.0 | * | 8.1 | 4313.0 |
| 21 OCT 2003 | 36.8 | * | 2364 | 141.7 | * | 7.7 | 4313.0 |
| 29 OCT 2003 | 37.0 | * | 2399 | 150.5 | * | 7.8 | 4313.0 |
| 04 NOV 2003 | 35.7 | * | 2456 | 147.5 | * | 7.8 | 4313.0 |
| 11 NOV 2003 | 36.0 | * | 2465 | 139.7 | * | 7.8 | 4313.0 |
| 09 DEC 2003 | 39.1 | * | 2537 | 144.8 | * | 7.7 | 4312.1 |

\* Values Exceed Upper Control Limit

SSM41

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. SSM42

COGEMA Mining Inc.  
IRIGARAY RANCH  
INTERIOR SHALLOW SAND MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 23.3     | 1571                 | 213.2                   |    |         |                       |

## Date

|             |      |   |      |   |       |     |        |
|-------------|------|---|------|---|-------|-----|--------|
| 06 JAN 2003 | 53.4 | * | 1889 | * | 163.2 | 7.9 | 4304.5 |
| 13 JAN 2003 | 53.9 | * | 1880 | * | 169.3 | 7.9 | 4304.5 |
| 21 JAN 2003 | 53.3 | * | 1821 | * | 172.0 | 8.0 | 4304.6 |
| 27 JAN 2003 | 50.8 | * | 1823 | * | 162.1 | 8.0 | 4304.5 |
| 03 FEB 2003 | 52.7 | * | 1822 | * | 170.9 | 7.9 | 4304.5 |
| 10 FEB 2003 | 52.7 | * | 1820 | * | 171.2 | 8.0 | 4304.7 |
| 18 FEB 2003 | 51.2 | * | 1785 | * | 173.1 | 8.1 | 4304.8 |
| 24 FEB 2003 | 51.0 | * | 1765 | * | 170.1 | 7.9 | 4304.8 |
| 03 MAR 2003 | 50.9 | * | 1745 | * | 170.0 | 8.0 | 4304.7 |
| 11 MAR 2003 | 50.3 | * | 1724 | * | 169.0 | 8.0 | 4304.8 |
| 17 MAR 2003 | 50.1 | * | 1724 | * | 168.9 | 8.0 | 4304.0 |
| 25 MAR 2003 | 49.6 | * | 1713 | * | 169.0 | 8.0 | 4304.0 |
| 01 APR 2003 | 50.2 | * | 1735 | * | 169.6 | 7.9 | 4304.0 |
| 09 APR 2003 | 49.8 | * | 1698 | * | 171.2 | 8.0 | 4305.0 |
| 14 APR 2003 | 50.2 | * | 1709 | * | 171.9 | 7.9 | 4305.0 |
| 21 APR 2003 | 50.2 | * | 1732 | * | 172.7 | 7.9 | 4305.0 |
| 28 APR 2003 | 51.4 | * | 1724 | * | 170.4 | 8.0 | 4305.1 |
| 07 MAY 2003 | 50.0 | * | 1697 | * | 171.0 | 8.0 | 4305.2 |
| 12 MAY 2003 | 49.7 | * | 1721 | * | 170.2 | 8.0 | 4305.1 |
| 19 MAY 2003 | 50.5 | * | 1729 | * | 167.5 | 8.0 | 4305.1 |
| 27 MAY 2003 | 49.5 | * | 1709 | * | 165.1 | 8.0 | 4305.0 |
| 02 JUN 2003 | 45.6 | * | 1719 | * | 161.9 | 8.0 | 4305.1 |
| 10 JUN 2003 | 49.0 | * | 1683 | * | 151.2 | 8.0 | 4304.9 |
| 16 JUN 2003 | 49.6 | * | 1703 | * | 150.3 | 8.0 | 4305.1 |
| 26 JUN 2003 | 48.7 | * | 1632 | * | 152.8 | 8.0 | 4305.2 |
| 30 JUN 2003 | 48.4 | * | 1638 | * | 153.9 | 7.9 | 4305.1 |
| 07 JUL 2003 | 50.5 | * | 1680 | * | 151.6 | 8.0 | 4305.2 |
| 16 JUL 2003 | 47.6 | * | 1662 | * | 143.6 | 8.0 | 4305.2 |
| 22 JUL 2003 | 49.5 | * | 1674 | * | 149.2 | 8.0 | 4305.0 |
| 29 JUL 2003 | 49.8 | * | 1690 | * | 147.0 | 7.9 | 4305.2 |
| 06 AUG 2003 | 50.1 | * | 1660 | * | 152.8 | 8.1 | 4305.1 |
| 12 AUG 2003 | 48.1 | * | 1665 | * | 146.8 | 8.0 | 4305.1 |
| 19 AUG 2003 | 48.8 | * | 1661 | * | 146.2 | 7.9 | 4305.1 |
| 26 AUG 2003 | 49.5 | * | 1661 | * | 153.2 | 7.9 | 4305.0 |
| 02 SEP 2003 | 48.5 | * | 1655 | * | 151.1 | 7.9 | 4305.1 |
| 08 SEP 2003 | 48.7 | * | 1660 | * | 149.8 | 8.0 | 4303.9 |
| 16 SEP 2003 | 49.8 | * | 1645 | * | 154.1 | 7.9 | 4305.1 |
| 22 SEP 2003 | 50.0 | * | 1664 | * | 150.4 | 7.8 | 4305.1 |
| 01 OCT 2003 | 47.8 | * | 1630 | * | 151.0 | 7.9 | 4305.0 |
| 07 OCT 2003 | 47.4 | * | 1627 | * | 159.9 | 7.9 | 4305.1 |
| 15 OCT 2003 | 49.4 | * | 1950 | * | 202.0 | 8.2 | 4305.0 |
| 21 OCT 2003 | 47.5 | * | 1591 | * | 172.0 | 7.9 | 4305.0 |
| 29 OCT 2003 | 45.7 | * | 1594 | * | 168.2 | 8.0 | 4305.0 |
| 04 NOV 2003 | 47.6 | * | 1599 | * | 171.9 | 8.0 | 4305.1 |
| 11 NOV 2003 | 47.4 | * | 1605 | * | 170.5 | 8.0 | 4305.0 |
| 30 DEC 2003 | 30.1 | * | 1280 | * | 172.0 | 8.0 | 4305.2 |

\* Values Exceed Upper Control Limit

SSM42

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 1  
Well I.D. SSM43

COGEMA Mining Inc.  
IRIGARAY RANCH  
INTERIOR SHALLOW SAND MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 25.6     | 1456                 | 170.4                   |    |         |                       |

## Date

|             |      |   |      |   |       |     |        |
|-------------|------|---|------|---|-------|-----|--------|
| 06 JAN 2003 | 39.1 | * | 1726 | * | 144.8 | 8.0 | 4310.0 |
| 13 JAN 2003 | 38.2 | * | 1733 | * | 140.3 | 8.0 | 4310.1 |
| 21 JAN 2003 | 38.6 | * | 1710 | * | 142.5 | 8.0 | 4310.1 |
| 27 JAN 2003 | 38.2 | * | 1698 | * | 141.5 | 8.1 | 4310.2 |
| 03 FEB 2003 | 39.3 | * | 1722 | * | 145.5 | 8.0 | 4310.6 |
| 10 FEB 2003 | 38.2 | * | 1722 | * | 140.7 | 8.1 | 4310.8 |
| 18 FEB 2003 | 38.4 | * | 1702 | * | 142.0 | 8.1 | 4310.5 |
| 24 FEB 2003 | 39.5 | * | 1714 | * | 145.7 | 8.0 | 4310.6 |
| 03 MAR 2003 | 39.5 | * | 1714 | * | 140.2 | 8.1 | 4310.7 |
| 11 MAR 2003 | 39.7 | * | 1702 | * | 146.6 | 8.1 | 4310.3 |
| 17 MAR 2003 | 38.7 | * | 1717 | * | 140.1 | 7.9 | 4310.0 |
| 25 MAR 2003 | 39.6 | * | 1702 | * | 146.1 | 8.1 | 4310.0 |
| 01 APR 2003 | 39.1 | * | 1729 | * | 142.8 | 8.1 | 4310.0 |
| 09 APR 2003 | 39.4 | * | 1717 | * | 144.4 | 8.0 | 4311.0 |
| 14 APR 2003 | 38.9 | * | 1717 | * | 139.5 | 7.9 | 4311.0 |
| 21 APR 2003 | 37.9 | * | 1720 | * | 135.0 | 7.9 | 4311.0 |
| 28 APR 2003 | 38.3 | * | 1713 | * | 140.1 | 8.1 | 4311.0 |
| 07 MAY 2003 | 37.9 | * | 1732 | * | 137.7 | 8.1 | 4311.1 |
| 12 MAY 2003 | 36.8 | * | 1765 | * | 134.8 | 8.1 | 4311.1 |
| 19 MAY 2003 | 38.6 | * | 1768 | * | 139.4 | 8.1 | 4311.0 |
| 27 MAY 2003 | 38.3 | * | 1759 | * | 135.1 | 8.0 | 4311.0 |
| 02 JUN 2003 | 36.8 | * | 1768 | * | 127.5 | 8.1 | 4311.0 |
| 10 JUN 2003 | 38.1 | * | 1746 | * | 124.6 | 8.1 | 4310.2 |
| 16 JUN 2003 | 38.2 | * | 1749 | * | 123.4 | 8.0 | 4311.1 |
| 26 JUN 2003 | 38.8 | * | 1722 | * | 124.1 | 8.0 | 4311.2 |
| 30 JUN 2003 | 38.2 | * | 1727 | * | 123.3 | 8.1 | 4311.0 |
| 07 JUL 2003 | 38.3 | * | 1736 | * | 123.9 | 8.1 | 4311.2 |
| 16 JUL 2003 | 36.9 | * | 1744 | * | 117.9 | 8.0 | 4311.0 |
| 22 JUL 2003 | 37.9 | * | 1737 | * | 122.4 | 7.9 | 4311.0 |
| 29 JUL 2003 | 38.5 | * | 1738 | * | 124.3 | 8.0 | 4311.0 |
| 06 AUG 2003 | 38.1 | * | 1742 | * | 120.8 | 8.1 | 4311.0 |
| 12 AUG 2003 | 38.4 | * | 1736 | * | 124.3 | 8.1 | 4311.0 |
| 19 AUG 2003 | 38.4 | * | 1742 | * | 123.0 | 7.9 | 4311.0 |
| 26 AUG 2003 | 39.5 | * | 1745 | * | 129.2 | 7.9 | 4311.1 |
| 02 SEP 2003 | 38.3 | * | 1749 | * | 123.9 | 8.0 | 4311.0 |
| 08 SEP 2003 | 37.9 | * | 1748 | * | 123.3 | 8.0 | 4303.0 |
| 16 SEP 2003 | 38.3 | * | 1748 | * | 122.9 | 7.9 | 4311.1 |
| 22 SEP 2003 | 39.5 | * | 1751 | * | 126.8 | 7.8 | 4311.1 |
| 01 OCT 2003 | 40.0 | * | 1760 | * | 128.9 | 8.0 | 4311.2 |
| 07 OCT 2003 | 38.3 | * | 1738 | * | 134.5 | 8.0 | 4311.0 |
| 15 OCT 2003 | 33.0 | * | 1750 | * | 139.0 | 8.2 | 4310.9 |
| 21 OCT 2003 | 38.2 | * | 1739 | * | 139.9 | 8.1 | 4310.9 |
| 04 NOV 2003 | 38.3 | * | 1729 | * | 139.5 | 8.0 | 4310.9 |
| 11 NOV 2003 | 37.7 | * | 1713 | * | 140.2 | 8.0 | 4312.0 |
| 30 DEC 2003 | 35.8 | * | 1629 | * | 133.0 | 8.0 | 4311.4 |

\* Values Exceed Upper Control Limit

SSM43

Negative U3O8 Grades Indicate Less Than Detection Limit.

# **IRIGARAY PROJECT**

**Interior Deep Sand Monitor Wells**

Mine Unit 1  
Well I.D. DM1

**COGEMA Mining Inc.**  
**IRIGARAY RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 16.2     | 609                  | 207.4                   |    |         |                       |

| Date        | Chloride | Specific Conductance | Total Alkalinity | pH  | Uranium | Piezometric Elevation |
|-------------|----------|----------------------|------------------|-----|---------|-----------------------|
| 25 MAR 2003 | 9.2      | 478                  | 119.9            | 8.7 |         | 4310.0                |
| 30 JUN 2003 | 9.2      | 487                  | 110.7            | 8.7 |         | 4310.2                |
| 08 SEP 2003 | 9.3      | 497                  | 104.4            | 8.7 |         | 4310.2                |
| 30 DEC 2003 | 9.4      | 483                  | 119.5            | 8.6 |         | 4312.7                |

\* Values Exceed Upper Control Limit

DM1

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## IRIGARAY RANCH

Mine Unit 1  
Well I.D. DM2

## INTERIOR DEEP SAND MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 15.1     | 757                  | 187.1                   |    |         |                       |

| Date        |     |     |       |   |     |        |
|-------------|-----|-----|-------|---|-----|--------|
| 25 MAR 2003 | 8.5 | 610 | 188.3 | * | 8.5 | 4300.0 |
| 30 JUN 2003 | 8.5 | 612 | 185.5 |   | 8.4 | 4301.7 |
| 08 SEP 2003 | 8.5 | 631 | 174.9 |   | 8.6 | 4302.6 |

\* Values Exceed Upper Control Limit

DM2

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. DM3

**COGEMA Mining Inc.**  
**IRIGARAY RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 15.8     | 677                  | 240.9                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 25 MAR 2003 | 13.0 | 552 | 165.8 | 8.4 |  | 4305.0 |
| 30 JUN 2003 | 12.5 | 557 | 138.7 | 8.4 |  | 4305.6 |
| 08 SEP 2003 | 12.8 | 557 | 142.1 | 8.4 |  | 4306.7 |
| 30 DEC 2003 | 11.6 | 540 | 147.3 | 8.5 |  | 4308.8 |

\* Values Exceed Upper Control Limit

DM3

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## IRIGARAY RANCH

Mine Unit 4  
Well I.D. DM4

## INTERIOR DEEP SAND MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 14.4     | 603                  | 117.6                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 24 MAR 2003 | 10.0 | 522 | 101.7 | 8.8 |  | 4309.0 |
| 30 JUN 2003 | 9.5  | 525 | 98.0  | 8.8 |  | 4309.0 |
| 08 SEP 2003 | 9.4  | 525 | 91.1  | 8.8 |  | 4307.8 |
| 22 DEC 2003 | 14.9 | 512 | 109.2 | 8.7 |  | 4309.6 |

\* Values Exceed Upper Control Limit

DM4

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. DM5

**COGEMA Mining Inc.**  
**IRIGARAY RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 15.7     | 675                  | 206                     |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 25 MAR 2003 | 8.6 | 605 | 201.0 | 8.5 |  | 4296.0 |
| 29 JUL 2003 | 8.9 | 626 | 176.6 | 8.4 |  | 4296.4 |
| 08 SEP 2003 | 8.3 | 629 | 172.3 | 8.3 |  | 4290.1 |
| 22 DEC 2003 | 8.5 | 619 | 200.3 | 8.1 |  | 4298.3 |

\* Values Exceed Upper Control Limit

DM5

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. DM9

**COGEMA Mining Inc.**  
**IRIGARAY RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 16.3     | 647                  | 132.7                   |    |         |                       |

## Date

|             |      |     |      |     |  |        |
|-------------|------|-----|------|-----|--|--------|
| 24 MAR 2003 | 10.1 | 526 | 94.2 | 7.1 |  | 4309.0 |
| 30 JUN 2003 | 9.8  | 529 | 87.7 | 8.8 |  | 4309.0 |
| 08 SEP 2003 | 9.6  | 531 | 89.5 | 8.8 |  | 4313.0 |
| 30 DEC 2003 | 9.3  | 524 | 96.5 | 8.8 |  | 4314.2 |

\* Values Exceed Upper Control Limit

DM9

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. DM10

COGEMA Mining Inc.  
IRIGARAY RANCH  
INTERIOR DEEP SAND MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 16.4     | 606                  | 107.5                   |    |         |                       |

## Date

|             |      |   |     |   |       |   |     |        |
|-------------|------|---|-----|---|-------|---|-----|--------|
| 06 JAN 2003 | 31.4 | * | 810 | * | 206.6 | * | 8.2 | 4315.0 |
| 13 JAN 2003 | 31.7 | * | 813 | * | 208.2 | * | 8.3 | 4315.1 |
| 21 JAN 2003 | 31.5 | * | 800 | * | 213.8 | * | 8.4 | 4315.2 |
| 27 JAN 2003 | 31.4 | * | 807 | * | 206.5 | * | 8.3 | 4315.3 |
| 03 FEB 2003 | 31.3 | * | 808 | * | 209.4 | * | 8.2 | 4315.6 |
| 10 FEB 2003 | 31.3 | * | 790 | * | 206.9 | * | 8.4 | 4315.7 |
| 18 FEB 2003 | 30.8 | * | 803 | * | 208.5 | * | 8.4 | 4315.8 |
| 24 FEB 2003 | 31.4 | * | 804 | * | 209.4 | * | 8.2 | 4309.4 |
| 03 MAR 2003 | 30.7 | * | 782 | * | 207.1 | * | 8.4 | 4316.0 |
| 11 MAR 2003 | 31.1 | * | 792 | * | 205.6 | * | 8.6 | 4316.3 |
| 17 MAR 2003 | 31.0 | * | 801 | * | 204.1 | * | 8.2 | 4316.0 |
| 24 MAR 2003 | 31.0 | * | 808 | * | 209.9 | * | 8.3 | 4315.0 |
| 01 APR 2003 | 30.3 | * | 810 | * | 200.8 | * | 8.4 | 4316.0 |
| 09 APR 2003 | 31.2 | * | 798 | * | 209.8 | * | 8.4 | 4316.0 |
| 14 APR 2003 | 31.2 | * | 802 | * | 206.2 | * | 8.3 | 4316.0 |
| 21 APR 2003 | 30.1 | * | 802 | * | 196.8 | * | 8.2 | 4316.0 |
| 28 APR 2003 | 30.9 | * | 805 | * | 206.7 | * | 8.4 | 4316.8 |
| 07 MAY 2003 | 31.0 | * | 815 | * | 209.8 | * | 8.4 | 4317.0 |
| 12 MAY 2003 | 30.3 | * | 825 | * | 206.3 | * | 8.4 | 4317.0 |
| 19 MAY 2003 | 30.6 | * | 822 | * | 205.0 | * | 8.4 | 4316.9 |
| 27 MAY 2003 | 30.4 | * | 818 | * | 200.2 | * | 8.3 | 4317.2 |
| 02 JUN 2003 | 29.6 | * | 824 | * | 188.9 | * | 8.4 | 4311.0 |
| 10 JUN 2003 | 29.7 | * | 813 | * | 183.3 | * | 8.3 | 4316.3 |
| 16 JUN 2003 | 29.9 | * | 817 | * | 181.6 | * | 8.3 | 4316.9 |
| 26 JUN 2003 | 30.3 | * | 809 | * | 180.8 | * | 8.4 | 4317.1 |
| 30 JUN 2003 | 30.0 | * | 800 | * | 176.2 | * | 8.4 | 4311.0 |
| 07 JUL 2003 | 30.7 | * | 803 | * | 175.3 | * | 8.3 | 4317.0 |
| 16 JUL 2003 | 28.7 | * | 808 | * | 171.3 | * | 8.4 | 4317.0 |
| 22 JUL 2003 | 29.8 | * | 809 | * | 178.3 | * | 8.3 | 4317.2 |
| 29 JUL 2003 | 29.9 | * | 804 | * | 181.5 | * | 8.3 | 4317.1 |
| 06 AUG 2003 | 29.8 | * | 808 | * | 177.0 | * | 8.4 | 4317.3 |
| 12 AUG 2003 | 29.3 | * | 800 | * | 178.3 | * | 8.4 | 4317.2 |
| 19 AUG 2003 | 30.3 | * | 803 | * | 184.8 | * | 8.3 | 4317.5 |
| 26 AUG 2003 | 29.8 | * | 810 | * | 182.3 | * | 8.2 | 4317.6 |
| 02 SEP 2003 | 29.4 | * | 804 | * | 182.0 | * | 8.2 | 4317.6 |
| 09 SEP 2003 | 29.0 | * | 807 | * | 179.6 | * | 8.3 | 4316.9 |
| 16 SEP 2003 | 29.2 | * | 810 | * | 179.9 | * | 8.3 | 4317.8 |
| 22 SEP 2003 | 29.5 | * | 808 | * | 182.7 | * | 8.2 | 4317.8 |
| 01 OCT 2003 | 28.7 | * | 805 | * | 177.8 | * | 8.3 | 4317.4 |
| 07 OCT 2003 | 28.6 | * | 801 | * | 202.9 | * | 8.4 | 4317.8 |
| 15 OCT 2003 | 24.5 | * | 823 | * | 203.0 | * | 8.4 | 4317.9 |
| 21 OCT 2003 | 29.3 | * | 803 | * | 200.7 | * | 8.4 | 4317.9 |
| 29 OCT 2003 | 28.7 | * | 808 | * | 204.2 | * | 8.4 | 4317.9 |
| 04 NOV 2003 | 28.6 | * | 802 | * | 203.5 | * | 8.6 | 4317.8 |
| 11 NOV 2003 | 28.9 | * | 801 | * | 190.2 | * | 8.2 | 4317.8 |
| 09 DEC 2003 | 21.7 | * | 727 | * | 173.3 | * | 8.2 | 4316.3 |

\* Values Exceed Upper Control Limit

DM10

Negative U308 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## IRIGARAY RANCH

## INTERIOR DEEP SAND MONITOR WELL

Mine Unit 7  
Well I.D. DM11

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 15       | 607                  | 104.7                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 17 MAR 2003 | 10.8 | 553 | 100.8 | 8.7 |  | 4308.0 |
| 30 JUN 2003 | 10.5 | 558 | 90.9  | 8.7 |  | 4307.9 |
| 09 SEP 2003 | 10.4 | 560 | 87.4  | 8.6 |  | 4314.6 |
| 09 DEC 2003 | 10.2 | 545 | 99.8  | 8.7 |  | 4314.1 |

\* Values Exceed Upper Control Limit

DM11

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 8  
Well I.D. DM13

**COGEMA Mining Inc.**  
**IRIGARAY RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 15.1     | 624                  | 113.5                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 10 MAR 2003 | 10.3 | 537 | 103.3 | 8.6 |  | 4315.5 |
| 30 JUN 2003 | 10.1 | 548 | 94.5  | 8.6 |  | 4316.4 |
| 09 SEP 2003 | 10.4 | 553 | 92.1  | 8.6 |  | 4317.8 |
| 09 DEC 2003 | 10.2 | 541 | 106.6 | 8.6 |  | 4317.5 |

\* Values Exceed Upper Control Limit

DM13

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

Mine Unit 8  
Well I.D. DM14

IRIGARAY RANCH  
INTERIOR DEEP SAND MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 15.5     | 619                  | 109.5                   |    |         |                       |

| Date        |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 10 MAR 2003 | 10.9 | 559 | 102.2 | 8.8 |  | 4313.0 |
| 30 JUN 2003 | 10.6 | 568 | 95.9  | 8.9 |  | 4314.4 |
| 09 SEP 2003 | 10.6 | 569 | 90.8  | 8.7 |  | 4315.4 |
| 09 DEC 2003 | 10.5 | 564 | 103.2 | 8.9 |  | 4315.5 |

\* Values Exceed Upper Control Limit

DM14

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 9  
Well I.D. DM15

**COGEMA Mining Inc.**  
**IRIGARAY RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 15.1     | 618                  | 110.6                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 10 MAR 2003 | 10.8 | 558 | 104.2 | 8.7 |  | 4318.0 |
| 30 JUN 2003 | 10.8 | 567 | 94.1  | 8.7 |  | 4319.3 |
| 09 SEP 2003 | 11.1 | 570 | 94.9  | 8.7 |  | 4319.4 |
| 10 DEC 2003 | 10.5 | 560 | 103.6 | 8.9 |  | 4320.0 |

\* Values Exceed Upper Control Limit

DM15

Negative U308 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## IRIGARAY RANCH

## INTERIOR DEEP SAND MONITOR WELL

2003

Mine Unit 9  
Well I.D. DM16

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 15.7     | 646                  | 111                     |    |         |                       |

## Date

|             |      |     |      |     |  |        |
|-------------|------|-----|------|-----|--|--------|
| 10 MAR 2003 | 10.9 | 561 | 95.8 | 8.9 |  | 4319.5 |
| 30 JUN 2003 | 10.8 | 570 | 87.4 | 8.7 |  | 4320.8 |
| 09 SEP 2003 | 10.6 | 574 | 84.6 | 8.9 |  | 4320.9 |
| 09 DEC 2003 | 10.9 | 566 | 99.4 | 8.8 |  | 4322.0 |

\* Values Exceed Upper Control Limit

DM16

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. DM17

**COGEMA Mining Inc.**  
**IRIGARAY RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 15       | 618                  | 108.2                   |    |         |                       |

## Date

|             |     |     |       |   |     |        |
|-------------|-----|-----|-------|---|-----|--------|
| 24 MAR 2003 | 9.4 | 539 | 112.6 | * | 8.7 | 4311.0 |
| 30 JUN 2003 | 9.7 | 532 | 106.5 |   | 8.7 | 4313.2 |
| 08 SEP 2003 | 9.3 | 542 | 104.9 |   | 8.7 | 4313.0 |
| 09 DEC 2003 | 9.9 | 535 | 121.8 | * | 8.8 | 4313.2 |

\* Values Exceed Upper Control Limit

DM17

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 4  
Well I.D. DM18

**COGEMA Mining Inc.**  
**IRIGARAY RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 14.5     | 598                  | 105.6                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 24 MAR 2003 | 10.1 | 524 | 99.7  | 8.6 |  | 4309.0 |
| 30 JUN 2003 | 9.8  | 530 | 92.1  | 8.7 |  | 4310.0 |
| 08 SEP 2003 | 9.9  | 533 | 92.9  | 8.7 |  | 4308.1 |
| 31 DEC 2003 | 10.4 | 534 | 101.6 | 8.8 |  | 4310.5 |

\* Values Exceed Upper Control Limit

DM18

Negative U308 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## IRIGARAY RANCH

## INTERIOR DEEP SAND MONITOR WELL

Mine Unit 3  
Well I.D. DM19

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 31.7     | 1207                 | 245.3                   |    |         |                       |

| Date        |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 25 MAR 2003 | 10.2 | 508 | 123.8 | 8.6 |  | 4283.0 |
| 30 JUN 2003 | 10.2 | 514 | 107.1 | 8.6 |  | 4270.0 |
| 08 SEP 2003 | 10.1 | 515 | 108.4 | 8.5 |  | 4268.5 |
| 31 DEC 2003 | 9.8  | 510 | 117.7 | 8.7 |  | 4290.0 |

\* Values Exceed Upper Control Limit

DM19

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. DM20

**COGEMA Mining Inc.**  
**IRIGARAY RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 17.5     | 609                  | 135.6                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 24 MAR 2003 | 9.5  | 516 | 100.4 | 8.7 |  | 4306.0 |
| 30 JUN 2003 | 10.1 | 522 | 95.9  | 8.7 |  | 4312.1 |
| 08 SEP 2003 | 9.7  | 521 | 91.9  | 8.7 |  | 4313.1 |
| 22 DEC 2003 | 9.8  | 519 | 107.3 | 8.7 |  | 4312.3 |

\* Values Exceed Upper Control Limit

DM20

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 7  
Well I.D. DM21

**COGEMA Mining Inc.**  
**IRIGARAY RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 15.6     | 628                  | 126.7                   |    |         |                       |

## Date

|             |      |     |      |     |  |        |
|-------------|------|-----|------|-----|--|--------|
| 17 MAR 2003 | 10.6 | 555 | 97.9 | 8.6 |  | 4316.0 |
| 30 JUN 2003 | 10.5 | 559 | 91.9 | 8.6 |  | 4317.0 |
| 09 SEP 2003 | 10.3 | 563 | 87.9 | 8.6 |  | 4315.2 |
| 09 DEC 2003 | 10.2 | 552 | 97.1 | 8.7 |  | 4317.7 |

\* Values Exceed Upper Control Limit

DM21

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. DM22

**COGEMA Mining Inc.**  
**IRIGARAY RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 15.1     | 654                  | 117                     |    |         |                       |

| Date        |      |     |      |     |  |        |
|-------------|------|-----|------|-----|--|--------|
| 24 MAR 2003 | 10.5 | 534 | 99.6 | 8.6 |  | 4315.0 |
| 30 JUN 2003 | 10.2 | 539 | 92.0 | 8.6 |  | 4316.4 |
| 09 SEP 2003 | 10.2 | 543 | 88.8 | 8.6 |  | 4316.2 |
| 30 DEC 2003 | 9.9  | 538 | 99.7 | 8.7 |  | 4316.2 |

\* Values Exceed Upper Control Limit

DM22

Negative U3O8 Grades Indicate Less Than Detection Limit.



**CHRISTENSEN RANCH PROJECT**

**Perimeter Ore Zone Monitor Wells**



Mine Unit 3  
Well I.D. MW17-2

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.4     | 777                  | 129.7                   |    |         |                       |

| Date        |     |     |      |     |        |
|-------------|-----|-----|------|-----|--------|
| 13 JAN 2003 | 9.6 | 667 | 95.9 | 9.0 | 4512.9 |
| 10 FEB 2003 | 9.8 | 673 | 97.3 | 8.9 | 4511.3 |
| 12 MAR 2003 | 9.9 | 671 | 99.1 | 8.9 | 4512.5 |
| 14 APR 2003 | 9.8 | 665 | 97.6 | 8.8 | 4515.0 |
| 12 MAY 2003 | 9.8 | 686 | 89.9 | 8.9 | 4518.3 |
| 09 JUN 2003 | 9.3 | 682 | 87.6 | 8.9 | 4515.5 |
| 07 JUL 2003 | 9.5 | 675 | 88.5 | 9.0 | 4514.8 |
| 11 AUG 2003 | 9.2 | 676 | 87.7 | 8.9 | 4515.3 |
| 08 SEP 2003 | 9.7 | 680 | 90.1 | 8.8 | 4516.8 |
| 07 OCT 2003 | 9.3 | 673 | 87.8 | 8.8 | 4514.3 |
| 10 NOV 2003 | 9.5 | 675 | 95.8 | 8.9 | 4511.9 |
| 08 DEC 2003 | 9.8 | 671 | 99.3 | 8.8 | 4511.0 |

\* Values Exceed Upper Control Limit

MW17-2

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

Mine Unit 3  
Well I.D. MW18

## PERIMETER ORE ZONE MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.4     | 777                  | 129.7                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 14 JAN 2003 | 10.2 | 682 | 98.9  | 8.7 |  | 4513.0 |
| 11 FEB 2003 | 10.2 | 680 | 98.4  | 8.7 |  | 4511.9 |
| 10 MAR 2003 | 9.8  | 667 | 97.5  | 8.7 |  | 4512.3 |
| 15 APR 2003 | 10.4 | 675 | 100.9 | 8.7 |  | 4514.0 |
| 12 MAY 2003 | 10.1 | 689 | 90.0  | 8.7 |  | 4517.2 |
| 09 JUN 2003 | 9.9  | 683 | 89.6  | 8.5 |  | 4514.4 |
| 07 JUL 2003 | 9.7  | 677 | 89.7  | 8.7 |  | 4513.7 |
| 11 AUG 2003 | 9.4  | 665 | 87.9  | 8.7 |  | 4514.3 |
| 08 SEP 2003 | 9.8  | 674 | 90.0  | 8.7 |  | 4516.2 |
| 07 OCT 2003 | 10.2 | 675 | 93.6  | 8.6 |  | 4513.2 |
| 10 NOV 2003 | 9.7  | 671 | 97.8  | 8.6 |  | 4511.0 |
| 08 DEC 2003 | 9.8  | 671 | 97.5  | 8.5 |  | 4510.1 |

\* Values Exceed Upper Control Limit

MW18

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW19

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.4     | 777                  | 129.7                   |    |         |                       |

| Date        |      |     |       |     |        |
|-------------|------|-----|-------|-----|--------|
| 14 JAN 2003 | 9.9  | 673 | 100.2 | 8.4 | 4513.4 |
| 11 FEB 2003 | 10.2 | 674 | 102.1 | 8.4 | 4511.9 |
| 10 MAR 2003 | 10.2 | 679 | 103.5 | 8.4 | 4512.7 |
| 15 APR 2003 | 10.4 | 681 | 105.5 | 8.3 | 4514.0 |
| 13 MAY 2003 | 9.8  | 697 | 91.5  | 8.5 | 4517.4 |
| 11 JUN 2003 | 9.4  | 683 | 89.8  | 8.4 | 4513.9 |
| 07 JUL 2003 | 9.7  | 679 | 93.3  | 8.5 | 4513.1 |
| 11 AUG 2003 | 10.0 | 684 | 93.9  | 8.5 | 4513.7 |
| 08 SEP 2003 | 9.8  | 683 | 93.1  | 8.4 | 4514.5 |
| 07 OCT 2003 | 9.7  | 669 | 91.9  | 8.4 | 4512.0 |
| 10 NOV 2003 | 10.3 | 681 | 105.6 | 8.4 | 4509.8 |
| 08 DEC 2003 | 10.2 | 681 | 102.0 | 8.4 | 4508.4 |

\* Values Exceed Upper Control Limit

MW19

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW20

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity          | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|---------------------------|----|---------|-----------------------|
| Units                    | mg/l     | μ mho/cm             | mg/l as CaCO <sub>3</sub> |    | mg/l    | msl                   |
| Upper Control Limit      | 13.4     | 777                  | 129.7                     |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 14 JAN 2003 | 9.8  | 678 | 102.0 | 8.6 |  | 4512.6 |
| 11 FEB 2003 | 9.5  | 674 | 101.0 | 8.6 |  | 4511.9 |
| 10 MAR 2003 | 10.2 | 669 | 106.1 | 8.6 |  | 4511.8 |
| 15 APR 2003 | 10.0 | 677 | 103.3 | 8.7 |  | 4514.0 |
| 12 MAY 2003 | 9.6  | 689 | 92.0  | 8.6 |  | 4516.7 |
| 09 JUN 2003 | 9.3  | 685 | 91.1  | 8.4 |  | 4512.5 |
| 07 JUL 2003 | 9.5  | 680 | 92.2  | 8.6 |  | 4511.8 |
| 11 AUG 2003 | 9.2  | 677 | 90.8  | 8.6 |  | 4512.3 |
| 08 SEP 2003 | 9.4  | 682 | 92.8  | 8.6 |  | 4514.7 |
| 07 OCT 2003 | 9.5  | 677 | 92.9  | 8.5 |  | 4510.7 |
| 10 NOV 2003 | 9.5  | 677 | 99.2  | 8.5 |  | 4508.8 |
| 08 DEC 2003 | 9.4  | 675 | 100.0 | 8.4 |  | 4507.1 |

\* Values Exceed Upper Control Limit

MW20

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW23

COGEMA Mining Inc.  
CHRISTENSEN RANCH  
PERIMETER ORE ZONE MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.4     | 777                  | 129.7                   |    |         |                       |

| Date        |      |     |      |     |  |        |
|-------------|------|-----|------|-----|--|--------|
| 13 JAN 2003 | 10.4 | 639 | 95.6 | 8.7 |  | 4511.5 |
| 11 FEB 2003 | 10.1 | 669 | 95.2 | 8.6 |  | 4511.0 |
| 10 MAR 2003 | 10.2 | 636 | 95.7 | 8.6 |  | 4510.6 |
| 15 APR 2003 | 10.4 | 662 | 97.7 | 8.6 |  | 4513.0 |
| 12 MAY 2003 | 10.3 | 672 | 88.3 | 8.6 |  | 4514.1 |
| 09 JUN 2003 | 9.7  | 671 | 84.3 | 8.5 |  | 4508.2 |
| 07 JUL 2003 | 9.6  | 666 | 85.0 | 8.7 |  | 4507.1 |
| 11 AUG 2003 | 9.7  | 665 | 83.4 | 8.7 |  | 4507.9 |
| 08 SEP 2003 | 10.1 | 665 | 84.9 | 8.7 |  | 4510.3 |
| 07 OCT 2003 | 10.1 | 665 | 85.7 | 8.6 |  | 4503.6 |
| 10 NOV 2003 | 9.8  | 664 | 92.9 | 8.7 |  | 4502.7 |
| 08 DEC 2003 | 9.6  | 664 | 92.8 | 8.6 |  | 4500.7 |

\* Values Exceed Upper Control Limit

MW23

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW24

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.4     | 777                  | 129.7                   |    |         |                       |

| Date        |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 13 JAN 2003 | 10.5 | 663 | 101.9 | 8.7 |  | 4528.0 |
| 11 FEB 2003 | 10.1 | 670 | 96.8  | 8.7 |  | 4522.9 |
| 10 MAR 2003 | 10.1 | 661 | 97.4  | 8.7 |  | 4543.0 |
| 15 APR 2003 | 10.4 | 651 | 92.5  | 8.7 |  | 4527.0 |
| 12 MAY 2003 | 9.9  | 676 | 84.1  | 8.7 |  | 4545.4 |
| 09 JUN 2003 | 9.8  | 675 | 86.8  | 8.6 |  | 4537.7 |
| 07 JUL 2003 | 9.8  | 671 | 88.1  | 8.7 |  | 4537.2 |
| 11 AUG 2003 | 9.7  | 672 | 87.1  | 8.7 |  | 4527.4 |
| 08 SEP 2003 | 9.7  | 672 | 88.6  | 8.7 |  | 4537.4 |
| 07 OCT 2003 | 9.7  | 670 | 86.2  | 8.6 |  | 4536.2 |
| 10 NOV 2003 | 9.9  | 656 | 88.1  | 8.7 |  | 4523.5 |
| 08 DEC 2003 | 9.7  | 665 | 87.3  | 8.7 |  | 4537.2 |

\* Values Exceed Upper Control Limit

MW24

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW25

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.4     | 777                  | 129.7                   |    |         |                       |

| Date        |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 13 JAN 2003 | 10.5 | 660 | 100.7 | 8.6 |  | 4512.5 |
| 11 FEB 2003 | 10.1 | 672 | 98.4  | 8.6 |  | 4510.8 |
| 10 MAR 2003 | 10.4 | 659 | 99.4  | 8.6 |  | 4510.3 |
| 15 APR 2003 | 10.8 | 659 | 101.1 | 8.6 |  | 4513.0 |
| 12 MAY 2003 | 10.1 | 675 | 89.3  | 8.5 |  | 4513.9 |
| 09 JUN 2003 | 9.7  | 676 | 87.4  | 8.4 |  | 4507.5 |
| 07 JUL 2003 | 9.8  | 670 | 89.6  | 8.6 |  | 4506.6 |
| 11 AUG 2003 | 9.8  | 671 | 88.6  | 8.6 |  | 4507.7 |
| 08 SEP 2003 | 9.8  | 675 | 88.5  | 8.6 |  | 4510.0 |
| 07 OCT 2003 | 9.9  | 671 | 89.0  | 8.5 |  | 4501.9 |
| 11 NOV 2003 | 9.8  | 670 | 96.4  | 8.6 |  | 4501.2 |
| 08 DEC 2003 | 9.9  | 666 | 96.3  | 8.5 |  | 4496.0 |

\* Values Exceed Upper Control Limit

MW25

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

Mine Unit 3  
Well I.D. MW26

## PERIMETER ORE ZONE MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.4     | 777                  | 129.7                   |    |         |                       |

| Date        |      |     |      |     |  |        |
|-------------|------|-----|------|-----|--|--------|
| 13 JAN 2003 | 10.4 | 660 | 96.9 | 8.6 |  | 4511.4 |
| 11 FEB 2003 | 10.3 | 663 | 95.0 | 8.6 |  | 4511.3 |
| 10 MAR 2003 | 10.4 | 652 | 96.3 | 8.6 |  | 4511.2 |
| 15 APR 2003 | 10.8 | 661 | 96.6 | 8.6 |  | 4513.0 |
| 13 MAY 2003 | 10.2 | 682 | 87.3 | 8.6 |  | 4514.8 |
| 10 JUN 2003 | 10.2 | 672 | 87.5 | 8.5 |  | 4508.5 |
| 07 JUL 2003 | 9.9  | 670 | 86.4 | 8.6 |  | 4507.8 |
| 11 AUG 2003 | 10.1 | 667 | 86.9 | 8.6 |  | 4508.8 |
| 08 SEP 2003 | 10.3 | 673 | 89.1 | 8.6 |  | 4510.9 |
| 07 OCT 2003 | 9.8  | 671 | 86.9 | 8.5 |  | 4501.6 |
| 11 NOV 2003 | 10.1 | 666 | 96.5 | 8.6 |  | 4499.8 |
| 08 DEC 2003 | 9.9  | 664 | 93.7 | 8.4 |  | 4494.1 |

\* Values Exceed Upper Control Limit

MW26

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW27

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.4     | 777                  | 129.7                   |    |         |                       |

| Date        |      |     |       |     |        |
|-------------|------|-----|-------|-----|--------|
| 13 JAN 2003 | 11.8 | 661 | 97.6  | 8.5 | 4511.1 |
| 11 FEB 2003 | 11.9 | 662 | 97.5  | 8.5 | 4511.4 |
| 10 MAR 2003 | 11.8 | 665 | 96.5  | 8.5 | 4511.7 |
| 15 APR 2003 | 12.4 | 659 | 101.1 | 8.5 | 4514.0 |
| 13 MAY 2003 | 11.6 | 683 | 88.5  | 8.5 | 4516.0 |
| 10 JUN 2003 | 11.4 | 676 | 87.4  | 8.4 | 4510.9 |
| 07 JUL 2003 | 11.5 | 673 | 88.7  | 8.6 | 4510.3 |
| 11 AUG 2003 | 11.5 | 673 | 87.5  | 8.5 | 4511.1 |
| 08 SEP 2003 | 11.9 | 677 | 90.3  | 8.6 | 4513.2 |
| 07 OCT 2003 | 11.6 | 673 | 90.5  | 8.4 | 4504.7 |
| 11 NOV 2003 | 10.8 | 670 | 96.2  | 8.5 | 4502.4 |
| 08 DEC 2003 | 10.9 | 665 | 98.8  | 8.4 | 4495.4 |

\* Values Exceed Upper Control Limit

MW27

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

Mine Unit 3  
Well I.D. MW28

## PERIMETER ORE ZONE MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.4     | 777                  | 129.7                   |    |         |                       |

| Date        |      |     |       |     |        |
|-------------|------|-----|-------|-----|--------|
| 13 JAN 2003 | 10.8 | 701 | 102.3 | 8.5 | 4513.2 |
| 10 FEB 2003 | 10.7 | 703 | 101.7 | 8.5 | 4513.1 |
| 10 MAR 2003 | 10.8 | 714 | 102.7 | 8.6 | 4513.3 |
| 14 APR 2003 | 10.8 | 695 | 101.0 | 8.6 | 4515.0 |
| 12 MAY 2003 | 10.6 | 728 | 93.1  | 8.6 | 4519.1 |
| 09 JUN 2003 | 10.5 | 720 | 93.1  | 8.5 | 4515.4 |
| 07 JUL 2003 | 10.5 | 716 | 92.9  | 8.6 | 4514.0 |
| 11 AUG 2003 | 10.5 | 719 | 92.6  | 8.6 | 4515.6 |
| 08 SEP 2003 | 10.6 | 723 | 94.5  | 8.5 | 4516.7 |
| 06 OCT 2003 | 10.2 | 719 | 93.3  | 8.4 | 4513.3 |
| 10 NOV 2003 | 10.8 | 706 | 103.0 | 8.3 | 4507.1 |
| 08 DEC 2003 | 10.6 | 695 | 99.3  | 8.3 | 4501.1 |

\* Values Exceed Upper Control Limit

MW28

Negative U3O8 Grades Indicate Less Than Detection Limit.

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

Mine Unit 3  
 Well I.D. MW29

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.4     | 777                  | 129.7                   |    |         |                       |

| Date        |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 13 JAN 2003 | 10.3 | 670 | 105.5 | 8.6 |  | 4513.2 |
| 10 FEB 2003 | 10.1 | 665 | 101.1 | 8.5 |  | 4512.7 |
| 10 MAR 2003 | 10.2 | 673 | 101.8 | 8.6 |  | 4513.3 |
| 14 APR 2003 | 10.4 | 661 | 103.5 | 8.6 |  | 4515.0 |
| 12 MAY 2003 | 9.7  | 687 | 98.5  | 8.6 |  | 4520.0 |
| 09 JUN 2003 | 9.6  | 680 | 90.2  | 8.5 |  | 4517.1 |
| 07 JUL 2003 | 9.5  | 674 | 90.9  | 8.6 |  | 4515.8 |
| 11 AUG 2003 | 9.5  | 672 | 91.5  | 8.6 |  | 4517.5 |
| 08 SEP 2003 | 9.4  | 677 | 89.1  | 8.6 |  | 4518.4 |
| 07 OCT 2003 | 10.0 | 679 | 93.3  | 8.5 |  | 4514.9 |
| 10 NOV 2003 | 10.1 | 671 | 103.6 | 8.5 |  | 4510.7 |
| 08 DEC 2003 | 9.8  | 668 | 98.9  | 8.5 |  | 4507.2 |

\* Values Exceed Upper Control Limit

MW29

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW30

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.4     | 777                  | 129.7                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 13 JAN 2003 | 9.8  | 676 | 104.8 | 8.4 |  | 4513.5 |
| 10 FEB 2003 | 10.7 | 680 | 103.0 | 8.3 |  | 4513.0 |
| 10 MAR 2003 | 10.4 | 677 | 103.4 | 8.4 |  | 4514.3 |
| 14 APR 2003 | 9.8  | 668 | 101.7 | 8.6 |  | 4517.0 |
| 12 MAY 2003 | 9.5  | 689 | 92.5  | 8.5 |  | 4521.2 |
| 09 JUN 2003 | 9.6  | 686 | 93.1  | 8.5 |  | 4518.9 |
| 07 JUL 2003 | 9.7  | 679 | 94.1  | 8.6 |  | 4517.5 |
| 11 AUG 2003 | 9.5  | 677 | 91.8  | 8.5 |  | 4519.3 |
| 08 SEP 2003 | 10.0 | 682 | 95.9  | 8.5 |  | 4520.3 |
| 06 OCT 2003 | 9.5  | 679 | 93.8  | 8.5 |  | 4517.6 |
| 10 NOV 2003 | 10.1 | 677 | 105.1 | 8.5 |  | 4513.5 |
| 08 DEC 2003 | 9.8  | 674 | 103.1 | 8.4 |  | 4510.9 |

\* Values Exceed Upper Control Limit

MW30

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW31

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.4     | 777                  | 129.7                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 13 JAN 2003 | 9.8  | 687 | 104.7 | 8.5 |  | 4515.6 |
| 10 FEB 2003 | 10.2 | 693 | 102.9 | 8.4 |  | 4514.1 |
| 10 MAR 2003 | 9.9  | 686 | 103.5 | 8.5 |  | 4517.0 |
| 14 APR 2003 | 9.7  | 671 | 100.0 | 8.6 |  | 4518.0 |
| 12 MAY 2003 | 9.8  | 698 | 95.8  | 8.5 |  | 4522.9 |
| 09 JUN 2003 | 9.4  | 694 | 91.2  | 8.5 |  | 4521.4 |
| 07 JUL 2003 | 9.7  | 686 | 93.9  | 8.5 |  | 4520.1 |
| 11 AUG 2003 | 9.5  | 685 | 93.9  | 8.5 |  | 4521.6 |
| 08 SEP 2003 | 9.8  | 688 | 96.0  | 8.5 |  | 4522.6 |
| 06 OCT 2003 | 9.7  | 685 | 94.4  | 8.5 |  | 4520.8 |
| 10 NOV 2003 | 9.9  | 682 | 103.5 | 8.5 |  | 4517.2 |
| 08 DEC 2003 | 9.6  | 680 | 100.2 | 8.4 |  | 4516.0 |

\* Values Exceed Upper Control Limit

MW31

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW32

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.4     | 777                  | 129.7                   |    |         |                       |

| Date        |     |     |       |     |        |
|-------------|-----|-----|-------|-----|--------|
| 14 JAN 2003 | 9.5 | 677 | 103.2 | 8.6 | 4513.1 |
| 11 FEB 2003 | 9.6 | 672 | 104.1 | 8.7 | 4511.5 |
| 12 MAR 2003 | 9.5 | 674 | 102.6 | 8.6 | 4514.2 |
| 14 APR 2003 | 9.7 | 674 | 104.0 | 8.6 | 4518.0 |
| 12 MAY 2003 | 9.5 | 693 | 95.8  | 8.6 | 4521.8 |
| 10 JUN 2003 | 9.3 | 685 | 93.8  | 8.5 | 4520.2 |
| 08 JUL 2003 | 9.2 | 681 | 93.0  | 8.6 | 4520.9 |
| 12 AUG 2003 | 9.4 | 670 | 94.8  | 8.6 | 4520.9 |
| 09 SEP 2003 | 9.5 | 683 | 95.1  | 8.6 | 4523.6 |
| 07 OCT 2003 | 9.3 | 678 | 94.2  | 8.5 | 4521.4 |
| 10 NOV 2003 | 9.7 | 678 | 103.8 | 8.5 | 4548.1 |
| 09 DEC 2003 | 9.2 | 676 | 101.8 | 8.6 | 4517.0 |

\* Values Exceed Upper Control Limit

MW32

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW35

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.4     | 777                  | 129.7                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 14 JAN 2003 | 9.2  | 593 | 127.6 | 8.6 |  | 4512.5 |
| 10 FEB 2003 | 9.2  | 593 | 128.4 | 8.5 |  | 4512.5 |
| 12 MAR 2003 | 9.2  | 587 | 131.3 | 8.6 |  | 4515.0 |
| 14 APR 2003 | 9.4  | 581 | 134.8 | 8.7 |  | 4517.0 |
| 13 MAY 2003 | 9.2  | 601 | 122.4 | 8.6 |  | 4527.4 |
| 09 JUN 2003 | 8.0  | 570 | 118.1 | 8.6 |  | 4518.1 |
| 08 JUL 2003 | 7.0  | 526 | 121.0 | 8.7 |  | 4517.8 |
| 12 AUG 2003 | 7.0  | 527 | 128.0 | 8.7 |  | 4520.0 |
| 08 SEP 2003 | 7.6  | 549 | 134.9 | 8.5 |  | 4520.0 |
| 06 OCT 2003 | 8.2  | 564 | 140.8 | 8.6 |  | 4518.6 |
| 10 NOV 2003 | 8.2  | 580 | 149.4 | 8.5 |  | 4516.2 |
| 08 DEC 2003 | 10.3 | 620 | 155.2 | 8.4 |  | 4515.0 |

\* Values Exceed Upper Control Limit

MW35

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW36

COGEMA Mining Inc.  
CHRISTENSEN RANCH  
PERIMETER ORE ZONE MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.4     | 777                  | 129.7                   |    |         |                       |

| Date        |      |     |       |     |        |
|-------------|------|-----|-------|-----|--------|
| 14 JAN 2003 | 9.6  | 669 | 102.0 | 8.5 | 4519.1 |
| 10 FEB 2003 | 9.8  | 675 | 104.9 | 8.4 | 4517.7 |
| 12 MAR 2003 | 9.8  | 673 | 103.9 | 8.5 | 4519.5 |
| 14 APR 2003 | 10.1 | 665 | 105.9 | 8.5 | 4523.0 |
| 13 MAY 2003 | 9.6  | 690 | 94.3  | 8.5 | 4526.0 |
| 09 JUN 2003 | 9.4  | 686 | 92.7  | 8.5 | 4523.5 |
| 08 JUL 2003 | 9.6  | 678 | 93.9  | 8.6 | 4523.0 |
| 12 AUG 2003 | 9.3  | 679 | 92.3  | 8.5 | 4523.7 |
| 08 SEP 2003 | 9.7  | 682 | 96.5  | 8.4 | 4525.2 |
| 06 OCT 2003 | 9.8  | 679 | 96.2  | 8.5 | 4523.9 |
| 10 NOV 2003 | 9.2  | 678 | 99.2  | 8.5 | 4520.9 |
| 08 DEC 2003 | 9.9  | 673 | 104.9 | 8.3 | 4520.4 |

\* Values Exceed Upper Control Limit

MW36

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW37

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.4     | 777                  | 129.7                   |    |         |                       |

## Date

|             |      |   |     |       |     |        |
|-------------|------|---|-----|-------|-----|--------|
| 14 JAN 2003 | 16.0 | * | 704 | 113.0 | 8.5 | 4513.4 |
| 10 FEB 2003 | 16.7 | * | 715 | 110.5 | 8.4 | 4511.6 |
| 12 MAR 2003 | 16.8 | * | 710 | 112.6 | 8.5 | 4512.1 |
| 14 APR 2003 | 15.5 | * | 695 | 111.9 | 8.5 | 4516.0 |
| 13 MAY 2003 | 14.8 | * | 717 | 100.2 | 8.5 | 4518.9 |
| 09 JUN 2003 | 14.2 | * | 715 | 98.4  | 8.5 | 4516.8 |
| 08 JUL 2003 | 14.3 | * | 706 | 100.2 | 8.6 | 4516.4 |
| 12 AUG 2003 | 13.9 | * | 706 | 99.5  | 8.5 | 4517.1 |
| 08 SEP 2003 | 14.0 | * | 707 | 99.9  | 8.4 | 4518.9 |
| 06 OCT 2003 | 15.4 | * | 703 | 107.6 | 8.4 | 4517.0 |
| 10 NOV 2003 | 14.1 | * | 701 | 110.3 | 8.5 | 4514.2 |
| 08 DEC 2003 | 14.2 | * | 696 | 110.3 | 8.3 | 4513.1 |

\* Values Exceed Upper Control Limit

MW37

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW38

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.4     | 777                  | 129.7                   |    |         |                       |

| Date        |     |     |       |     |        |
|-------------|-----|-----|-------|-----|--------|
| 14 JAN 2003 | 9.6 | 666 | 101.2 | 8.5 | 4513.0 |
| 10 FEB 2003 | 9.5 | 676 | 101.4 | 8.5 | 4511.4 |
| 10 MAR 2003 | 9.8 | 668 | 105.2 | 8.5 | 4512.9 |
| 15 APR 2003 | 9.9 | 658 | 103.9 | 8.6 | 4516.0 |
| 12 MAY 2003 | 9.7 | 692 | 95.4  | 8.6 | 4519.0 |
| 09 JUN 2003 | 9.4 | 685 | 92.8  | 8.5 | 4517.3 |
| 07 JUL 2003 | 9.9 | 678 | 96.8  | 8.6 | 4515.4 |
| 11 AUG 2003 | 9.2 | 676 | 91.0  | 8.6 | 4517.3 |
| 08 SEP 2003 | 9.9 | 679 | 96.6  | 8.6 | 4517.8 |
| 06 OCT 2003 | 8.9 | 676 | 88.7  | 8.6 | 4516.1 |
| 10 NOV 2003 | 9.7 | 674 | 101.4 | 8.6 | 4512.7 |
| 08 DEC 2003 | 9.7 | 671 | 101.0 | 8.5 | 4511.1 |

\* Values Exceed Upper Control Limit

MW38

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW39

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.4     | 777                  | 129.7                   |    |         |                       |

| Date        |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 14 JAN 2003 | 10.2 | 670 | 100.2 | 8.6 |  | 4513.2 |
| 11 FEB 2003 | 10.6 | 662 | 104.8 | 8.8 |  | 4512.1 |
| 10 MAR 2003 | 10.4 | 663 | 105.1 | 8.7 |  | 4513.5 |
| 15 APR 2003 | 10.3 | 659 | 101.1 | 8.7 |  | 4516.0 |
| 12 MAY 2003 | 10.2 | 689 | 94.9  | 8.7 |  | 4519.6 |
| 09 JUN 2003 | 10.0 | 685 | 91.7  | 8.6 |  | 4517.4 |
| 07 JUL 2003 | 10.1 | 678 | 93.7  | 8.7 |  | 4515.8 |
| 11 AUG 2003 | 10.1 | 677 | 92.5  | 8.7 |  | 4517.4 |
| 08 SEP 2003 | 10.1 | 680 | 93.6  | 8.7 |  | 4518.2 |
| 06 OCT 2003 | 9.9  | 677 | 93.6  | 8.7 |  | 4515.9 |
| 10 NOV 2003 | 10.1 | 675 | 101.8 | 8.6 |  | 4512.5 |
| 08 DEC 2003 | 9.9  | 673 | 101.5 | 8.6 |  | 4510.9 |

\* Values Exceed Upper Control Limit

MW39

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW40

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.4     | 777                  | 129.7                   |    |         |                       |

| Date        |      |     |       |     |        |
|-------------|------|-----|-------|-----|--------|
| 13 JAN 2003 | 10.2 | 667 | 98.8  | 8.7 | 4513.1 |
| 11 FEB 2003 | 9.8  | 659 | 94.9  | 8.7 | 4512.2 |
| 10 MAR 2003 | 9.9  | 663 | 95.9  | 8.7 | 4516.7 |
| 14 APR 2003 | 9.8  | 660 | 95.9  | 8.8 | 4517.0 |
| 12 MAY 2003 | 9.8  | 683 | 88.4  | 8.7 | 4519.9 |
| 09 JUN 2003 | 9.9  | 682 | 92.6  | 8.6 | 4517.8 |
| 07 JUL 2003 | 9.4  | 676 | 91.0  | 8.7 | 4516.0 |
| 11 AUG 2003 | 9.5  | 677 | 90.9  | 8.7 | 4516.9 |
| 08 SEP 2003 | 9.6  | 682 | 91.5  | 8.7 | 4518.7 |
| 06 OCT 2003 | 9.8  | 678 | 96.0  | 8.7 | 4514.9 |
| 10 NOV 2003 | 9.7  | 679 | 101.4 | 8.6 | 4512.9 |
| 08 DEC 2003 | 9.5  | 676 | 99.9  | 8.6 | 4510.4 |

\* Values Exceed Upper Control Limit

MW40

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW41

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.4     | 777                  | 129.7                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 14 JAN 2003 | 9.4 | 684 | 105.1 | 8.6 |  | 4512.2 |
| 11 FEB 2003 | 9.5 | 683 | 107.0 | 8.7 |  | 4510.7 |
| 12 MAR 2003 | 9.5 | 678 | 107.3 | 8.6 |  | 4514.1 |
| 14 APR 2003 | 9.4 | 678 | 104.9 | 8.6 |  | 4518.0 |
| 12 MAY 2003 | 9.4 | 698 | 98.8  | 8.6 |  | 4521.5 |
| 10 JUN 2003 | 9.3 | 692 | 97.0  | 8.5 |  | 4520.7 |
| 08 JUL 2003 | 9.4 | 686 | 98.3  | 8.7 |  | 4521.6 |
| 12 AUG 2003 | 9.3 | 684 | 96.5  | 8.6 |  | 4521.9 |
| 09 SEP 2003 | 9.2 | 687 | 97.4  | 8.6 |  | 4523.5 |
| 07 OCT 2003 | 9.3 | 684 | 97.4  | 8.5 |  | 4522.0 |
| 10 NOV 2003 | 9.5 | 682 | 106.9 | 8.6 |  | 4519.2 |
| 09 DEC 2003 | 9.4 | 680 | 106.8 | 8.6 |  | 4518.7 |

\* Values Exceed Upper Control Limit

MW41

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW42

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.4     | 777                  | 129.7                   |    |         |                       |

| Date        |     |     |       |     |        |
|-------------|-----|-----|-------|-----|--------|
| 14 JAN 2003 | 9.6 | 671 | 101.3 | 8.7 | 4512.1 |
| 11 FEB 2003 | 9.4 | 668 | 102.1 | 8.7 | 4510.4 |
| 12 MAR 2003 | 9.5 | 667 | 100.6 | 8.7 | 4514.6 |
| 14 APR 2003 | 9.4 | 658 | 99.7  | 8.7 | 4519.0 |
| 12 MAY 2003 | 9.7 | 685 | 94.6  | 8.7 | 4522.1 |
| 10 JUN 2003 | 9.4 | 677 | 93.0  | 8.5 | 4521.5 |
| 08 JUL 2003 | 9.6 | 673 | 94.1  | 8.7 | 4522.6 |
| 12 AUG 2003 | 9.4 | 673 | 91.7  | 8.7 | 4522.9 |
| 09 SEP 2003 | 9.3 | 676 | 93.8  | 8.6 | 4523.3 |
| 07 OCT 2003 | 9.3 | 673 | 94.3  | 8.6 | 4522.0 |
| 10 NOV 2003 | 9.1 | 669 | 98.1  | 8.6 | 4520.6 |
| 09 DEC 2003 | 9.7 | 667 | 103.1 | 8.6 | 4520.8 |

\* Values Exceed Upper Control Limit

MW42

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW43

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.4     | 777                  | 129.7                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 14 JAN 2003 | 9.5 | 672 | 106.7 | 8.4 |  | 4510.7 |
| 11 FEB 2003 | 9.8 | 667 | 108.9 | 8.5 |  | 4509.7 |
| 13 MAR 2003 | 9.7 | 654 | 107.8 | 8.5 |  | 4514.6 |
| 14 APR 2003 | 9.7 | 661 | 105.4 | 8.5 |  | 4519.0 |
| 12 MAY 2003 | 9.4 | 686 | 97.2  | 8.5 |  | 4522.3 |
| 10 JUN 2003 | 9.2 | 679 | 94.5  | 8.4 |  | 4522.2 |
| 08 JUL 2003 | 9.5 | 676 | 95.9  | 8.5 |  | 4523.4 |
| 12 AUG 2003 | 9.5 | 676 | 95.6  | 8.6 |  | 4524.6 |
| 09 SEP 2003 | 9.6 | 677 | 98.3  | 8.5 |  | 4524.5 |
| 07 OCT 2003 | 9.2 | 672 | 94.3  | 8.5 |  | 4521.4 |
| 11 NOV 2003 | 9.6 | 670 | 103.0 | 8.5 |  | 4521.8 |
| 09 DEC 2003 | 9.2 | 670 | 101.4 | 8.5 |  | 4524.3 |

\* Values Exceed Upper Control Limit

MW43

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW44

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.4     | 777                  | 129.7                   |    |         |                       |

| Date        |      |     |       |     |        |
|-------------|------|-----|-------|-----|--------|
| 14 JAN 2003 | 9.9  | 669 | 99.8  | 8.4 | 4506.6 |
| 10 FEB 2003 | 9.7  | 673 | 100.2 | 8.4 | 4505.7 |
| 12 MAR 2003 | 9.7  | 669 | 101.9 | 8.4 | 4508.7 |
| 14 APR 2003 | 9.7  | 665 | 100.6 | 8.5 | 4512.0 |
| 12 MAY 2003 | 9.9  | 690 | 93.9  | 8.5 | 4515.3 |
| 10 JUN 2003 | 9.7  | 683 | 90.8  | 8.3 | 4514.3 |
| 08 JUL 2003 | 9.7  | 677 | 96.5  | 8.5 | 4514.9 |
| 12 AUG 2003 | 9.4  | 678 | 91.4  | 8.5 | 4516.6 |
| 09 SEP 2003 | 9.8  | 680 | 90.9  | 8.4 | 4516.1 |
| 06 OCT 2003 | 10.8 | 674 | 97.5  | 8.4 | 4514.5 |
| 11 NOV 2003 | 9.5  | 675 | 99.8  | 8.3 | 4513.3 |
| 09 DEC 2003 | 9.9  | 675 | 103.2 | 8.4 | 4513.6 |

\* Values Exceed Upper Control Limit

MW44

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW45

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.4     | 777                  | 129.7                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 14 JAN 2003 | 9.6  | 672 | 102.3 | 8.5 |  | 4511.7 |
| 10 FEB 2003 | 9.7  | 678 | 102.5 | 8.4 |  | 4510.3 |
| 14 APR 2003 | 9.8  | 668 | 102.0 | 8.5 |  | 4517.0 |
| 13 MAY 2003 | 9.5  | 690 | 93.1  | 8.5 |  | 4519.9 |
| 10 JUN 2003 | 9.4  | 686 | 91.6  | 8.4 |  | 4517.5 |
| 08 JUL 2003 | 10.0 | 679 | 97.2  | 8.6 |  | 4518.2 |
| 12 AUG 2003 | 9.1  | 679 | 90.5  | 8.6 |  | 4519.1 |
| 09 SEP 2003 | 9.3  | 681 | 91.0  | 8.5 |  | 4519.6 |
| 06 OCT 2003 | 9.6  | 678 | 93.4  | 8.5 |  | 4518.2 |
| 11 NOV 2003 | 9.4  | 675 | 99.5  | 8.5 |  | 4516.2 |
| 09 DEC 2003 | 9.7  | 677 | 101.2 | 8.5 |  | 4516.2 |

\* Values Exceed Upper Control Limit

MW45

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW62

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.4     | 777                  | 129.7                   |    |         |                       |

| Date        |      |     |      |     |        |
|-------------|------|-----|------|-----|--------|
| 14 JAN 2003 | 9.8  | 664 | 89.3 | 9.2 | 4512.8 |
| 11 FEB 2003 | 9.8  | 671 | 94.1 | 9.2 | 4510.6 |
| 12 MAR 2003 | 9.8  | 664 | 90.3 | 9.3 | 4514.5 |
| 14 APR 2003 | 10.4 | 658 | 91.1 | 9.4 | 4518.0 |
| 12 MAY 2003 | 9.8  | 683 | 85.7 | 9.2 | 4521.1 |
| 10 JUN 2003 | 9.6  | 675 | 81.3 | 9.0 | 4520.3 |
| 08 JUL 2003 | 9.6  | 665 | 79.9 | 9.2 | 4521.1 |
| 12 AUG 2003 | 9.9  | 665 | 81.3 | 9.2 | 4522.0 |
| 09 SEP 2003 | 9.8  | 669 | 82.2 | 9.2 | 4521.6 |
| 07 OCT 2003 | 9.5  | 665 | 80.4 | 9.2 | 4520.2 |
| 10 NOV 2003 | 9.7  | 664 | 88.3 | 9.2 | 4519.6 |
| 10 DEC 2003 | 9.2  | 665 | 85.9 | 9.1 | 4520.3 |

\* Values Exceed Upper Control Limit

MW62

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW63

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.4     | 777                  | 129.7                   |    |         |                       |

| Date        |      |     |      |     |  |        |
|-------------|------|-----|------|-----|--|--------|
| 14 JAN 2003 | 9.5  | 663 | 90.4 | 8.9 |  | 4516.8 |
| 11 FEB 2003 | 9.5  | 659 | 92.1 | 9.0 |  | 4509.1 |
| 12 MAR 2003 | 9.7  | 664 | 93.0 | 8.9 |  | 4514.5 |
| 14 APR 2003 | 9.4  | 659 | 90.6 | 9.0 |  | 4519.0 |
| 12 MAY 2003 | 9.5  | 681 | 84.6 | 8.9 |  | 4521.7 |
| 10 JUN 2003 | 9.1  | 673 | 80.7 | 8.8 |  | 4521.2 |
| 08 JUL 2003 | 9.2  | 675 | 83.3 | 9.0 |  | 4522.3 |
| 12 AUG 2003 | 10.0 | 670 | 88.1 | 9.1 |  | 4523.3 |
| 09 SEP 2003 | 9.4  | 673 | 86.7 | 8.9 |  | 4523.4 |
| 07 OCT 2003 | 9.3  | 667 | 83.2 | 8.8 |  | 4520.3 |
| 10 NOV 2003 | 9.2  | 664 | 88.8 | 8.9 |  | 4521.1 |
| 10 DEC 2003 | 9.5  | 660 | 91.4 | 8.9 |  | 4523.8 |

\* Values Exceed Upper Control Limit

MW63

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW64

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity          | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|---------------------------|----|---------|-----------------------|
| Units                    | mg/l     | μ mho/cm             | mg/l as CaCO <sub>3</sub> |    | mg/l    | msl                   |
| Upper Control Limit      | 13.4     | 777                  | 129.7                     |    |         |                       |

| Date        |     |     |       |     |        |
|-------------|-----|-----|-------|-----|--------|
| 14 JAN 2003 | 9.5 | 679 | 104.7 | 8.4 | 4510.8 |
| 11 FEB 2003 | 9.5 | 676 | 107.5 | 8.5 | 4509.6 |
| 12 MAR 2003 | 9.1 | 679 | 106.1 | 8.5 | 4515.2 |
| 14 APR 2003 | 9.4 | 671 | 106.3 | 8.5 | 4519.0 |
| 12 MAY 2003 | 9.5 | 693 | 97.6  | 8.5 | 4523.1 |
| 10 JUN 2003 | 9.0 | 686 | 95.6  | 8.4 | 4521.7 |
| 08 JUL 2003 | 9.1 | 684 | 96.1  | 8.5 | 4523.9 |
| 12 AUG 2003 | 9.1 | 688 | 95.5  | 8.5 | 4525.0 |
| 09 SEP 2003 | 9.2 | 685 | 97.0  | 8.4 | 4525.0 |
| 07 OCT 2003 | 9.1 | 684 | 95.3  | 8.5 | 4525.0 |
| 10 NOV 2003 | 9.4 | 679 | 106.6 | 8.4 | 4522.6 |
| 10 DEC 2003 | 9.3 | 677 | 103.1 | 8.5 | 4523.5 |

\* Values Exceed Upper Control Limit

MW64

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW73

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.6     | 823                  | 121.3                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 06 JAN 2003 | 9.8  | 672 | 96.5  | 9.0 |  | 4515.3 |
| 03 FEB 2003 | 9.8  | 663 | 92.0  | 8.8 |  | 4513.6 |
| 03 MAR 2003 | 10.1 | 668 | 94.6  | 9.1 |  | 4515.5 |
| 07 APR 2003 | 10.2 | 661 | 99.2  | 8.9 |  | 4517.0 |
| 05 MAY 2003 | 10.1 | 676 | 99.4  | 8.9 |  | 4520.1 |
| 02 JUN 2003 | 10.1 | 687 | 92.3  | 8.8 |  | 4517.5 |
| 01 JUL 2003 | 9.6  | 676 | 91.8  | 8.9 |  | 4517.9 |
| 04 AUG 2003 | 10.1 | 678 | 92.0  | 8.7 |  | 4518.8 |
| 02 SEP 2003 | 9.5  | 679 | 90.2  | 9.0 |  | 4518.8 |
| 29 SEP 2003 | 9.7  | 682 | 93.6  | 8.9 |  | 4516.4 |
| 03 NOV 2003 | 9.8  | 680 | 102.5 | 8.8 |  | 4517.1 |
| 01 DEC 2003 | 9.9  | 677 | 101.8 | 8.8 |  | 4509.3 |

\* Values Exceed Upper Control Limit

MW73

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## PERIMETER ORE ZONE MONITOR WELL

Mine Unit 2  
Well I.D. MW74

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.6     | 823                  | 121.3                   |    |         |                       |

| Date        |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 06 JAN 2003 | 9.7  | 664 | 93.5  | 9.2 |  | 4515.5 |
| 03 FEB 2003 | 9.6  | 652 | 86.2  | 8.8 |  | 4514.0 |
| 03 MAR 2003 | 10.0 | 652 | 91.6  | 9.1 |  | 4515.7 |
| 07 APR 2003 | 9.5  | 666 | 99.3  | 8.8 |  | 4518.0 |
| 05 MAY 2003 | 9.7  | 667 | 97.8  | 8.9 |  | 4520.5 |
| 02 JUN 2003 | 9.6  | 687 | 91.6  | 8.9 |  | 4516.9 |
| 01 JUL 2003 | 9.4  | 674 | 91.8  | 9.0 |  | 4517.3 |
| 04 AUG 2003 | 9.4  | 677 | 91.7  | 8.7 |  | 4518.5 |
| 02 SEP 2003 | 9.6  | 679 | 92.3  | 9.0 |  | 4518.5 |
| 29 SEP 2003 | 9.4  | 681 | 93.0  | 8.9 |  | 4506.4 |
| 03 NOV 2003 | 9.5  | 677 | 99.6  | 8.8 |  | 4509.2 |
| 01 DEC 2003 | 9.6  | 676 | 101.5 | 8.8 |  | 4507.3 |

\* Values Exceed Upper Control Limit

MW74

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW75

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.6     | 823                  | 121.3                   |    |         |                       |

## Date

|             |     |     |      |     |  |        |
|-------------|-----|-----|------|-----|--|--------|
| 06 JAN 2003 | 9.8 | 676 | 93.6 | 8.9 |  | 4515.3 |
| 03 FEB 2003 | 9.6 | 676 | 96.4 | 8.7 |  | 4514.0 |
| 03 MAR 2003 | 9.8 | 667 | 95.6 | 8.8 |  | 4515.7 |
| 07 APR 2003 | 9.6 | 663 | 93.6 | 8.8 |  | 4518.0 |
| 05 MAY 2003 | 9.5 | 676 | 97.7 | 8.7 |  | 4520.1 |
| 02 JUN 2003 | 9.6 | 698 | 92.0 | 8.7 |  | 4515.7 |
| 01 JUL 2003 | 9.4 | 684 | 91.9 | 8.8 |  | 4516.1 |
| 04 AUG 2003 | 9.7 | 687 | 93.2 | 8.5 |  | 4516.1 |
| 02 SEP 2003 | 9.4 | 686 | 90.6 | 8.8 |  | 4517.3 |
| 29 SEP 2003 | 9.4 | 688 | 92.2 | 8.7 |  | 4506.5 |
| 03 NOV 2003 | 9.4 | 683 | 99.7 | 8.6 |  | 4506.5 |
| 01 DEC 2003 | 9.4 | 681 | 99.6 | 8.6 |  | 4503.5 |

\* Values Exceed Upper Control Limit

MW75

Negative U308 Grades Indicate Less Than Detection Limit.

**COGEMA Mining Inc.****CHRISTENSEN RANCH**

Mine Unit 2  
Well I.D. MW76

**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.6     | 823                  | 121.3                   |    |         |                       |

**Date**

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 06 JAN 2003 | 8.8 | 731 | 96.6  | 8.7 |  | 4515.4 |
| 03 FEB 2003 | 8.8 | 721 | 92.8  | 8.4 |  | 4514.4 |
| 03 MAR 2003 | 8.8 | 729 | 95.7  | 8.8 |  | 4513.9 |
| 07 APR 2003 | 8.7 | 718 | 97.1  | 8.6 |  | 4518.0 |
| 05 MAY 2003 | 9.4 | 729 | 105.3 | 8.7 |  | 4520.5 |
| 02 JUN 2003 | 8.7 | 750 | 90.0  | 8.5 |  | 4515.7 |
| 01 JUL 2003 | 8.6 | 733 | 92.0  | 8.7 |  | 4516.2 |
| 04 AUG 2003 | 8.6 | 737 | 89.3  | 8.4 |  | 4516.7 |
| 02 SEP 2003 | 8.6 | 738 | 90.0  | 8.7 |  | 4517.6 |
| 29 SEP 2003 | 8.5 | 739 | 90.4  | 8.7 |  | 4512.3 |
| 03 NOV 2003 | 8.7 | 734 | 97.9  | 8.5 |  | 4507.3 |
| 01 DEC 2003 | 8.7 | 731 | 98.1  | 8.6 |  | 4503.5 |

\* Values Exceed Upper Control Limit

MW76

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW77

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.6     | 823                  | 121.3                   |    |         |                       |

| Date        |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 06 JAN 2003 | 8.8 | 747 | 100.1 | 8.5 |  | 4515.3 |
| 03 FEB 2003 | 8.8 | 739 | 98.3  | 8.3 |  | 4514.7 |
| 03 MAR 2003 | 8.8 | 741 | 99.2  | 8.5 |  | 4514.9 |
| 07 APR 2003 | 8.9 | 730 | 100.6 | 8.4 |  | 4518.0 |
| 05 MAY 2003 | 8.7 | 745 | 99.4  | 8.4 |  | 4519.8 |
| 02 JUN 2003 | 9.0 | 768 | 94.9  | 8.3 |  | 4514.3 |
| 01 JUL 2003 | 8.3 | 752 | 88.9  | 8.5 |  | 4514.8 |
| 04 AUG 2003 | 8.5 | 752 | 89.1  | 8.2 |  | 4515.3 |
| 02 SEP 2003 | 8.5 | 751 | 89.4  | 8.5 |  | 4516.5 |
| 29 SEP 2003 | 8.3 | 757 | 90.0  | 8.5 |  | 4509.5 |
| 03 NOV 2003 | 8.4 | 745 | 95.6  | 8.4 |  | 4504.8 |
| 01 DEC 2003 | 8.5 | 751 | 96.1  | 8.3 |  | 4499.4 |

\* Values Exceed Upper Control Limit

MW77

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW78

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.6     | 823                  | 121.3                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 06 JAN 2003 | 9.4 | 708 | 101.6 | 8.5 |  | 4514.0 |
| 03 FEB 2003 | 9.2 | 704 | 98.7  | 8.3 |  | 4513.3 |
| 03 MAR 2003 | 9.3 | 705 | 100.2 | 8.6 |  | 4514.1 |
| 07 APR 2003 | 9.2 | 694 | 98.8  | 8.5 |  | 4517.0 |
| 05 MAY 2003 | 9.1 | 709 | 98.8  | 8.6 |  | 4516.8 |
| 02 JUN 2003 | 9.1 | 715 | 91.9  | 8.6 |  | 4509.0 |
| 01 JUL 2003 | 9.2 | 702 | 92.8  | 8.6 |  | 4509.6 |
| 04 AUG 2003 | 9.1 | 706 | 91.5  | 8.3 |  | 4510.3 |
| 02 SEP 2003 | 9.2 | 708 | 92.0  | 8.6 |  | 4511.4 |
| 29 SEP 2003 | 9.3 | 697 | 91.3  | 8.6 |  | 4497.8 |
| 03 NOV 2003 | 8.9 | 707 | 97.6  | 8.5 |  | 4493.4 |
| 01 DEC 2003 | 9.4 | 675 | 98.5  | 8.5 |  | 4484.0 |

\* Values Exceed Upper Control Limit

MW78

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW79

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.6     | 823                  | 121.3                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 06 JAN 2003 | 8.9 | 730 | 101.3 | 8.5 |  | 4513.4 |
| 03 FEB 2003 | 8.8 | 727 | 99.1  | 8.3 |  | 4512.8 |
| 03 MAR 2003 | 9.0 | 731 | 101.2 | 8.5 |  | 4513.7 |
| 07 APR 2003 | 9.0 | 719 | 99.7  | 8.3 |  | 4516.0 |
| 05 MAY 2003 | 8.7 | 735 | 100.0 | 8.5 |  | 4514.7 |
| 02 JUN 2003 | 8.7 | 742 | 91.0  | 8.5 |  | 4504.6 |
| 01 JUL 2003 | 8.7 | 728 | 91.3  | 8.5 |  | 4505.5 |
| 04 AUG 2003 | 8.8 | 730 | 92.4  | 8.2 |  | 4506.6 |
| 02 SEP 2003 | 8.8 | 730 | 91.1  | 8.5 |  | 4507.9 |
| 29 SEP 2003 | 8.9 | 724 | 91.4  | 8.5 |  | 4487.6 |
| 03 NOV 2003 | 8.4 | 727 | 94.4  | 8.4 |  | 4487.5 |
| 01 DEC 2003 | 9.0 | 721 | 99.9  | 8.5 |  | 4473.2 |

\* Values Exceed Upper Control Limit

MW79

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW80

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.6     | 823                  | 121.3                   |    |         |                       |

| Date        |      |     |       |     |        |
|-------------|------|-----|-------|-----|--------|
| 06 JAN 2003 | 9.6  | 691 | 101.2 | 8.5 | 4512.4 |
| 03 FEB 2003 | 9.4  | 688 | 99.2  | 8.5 | 4511.9 |
| 03 MAR 2003 | 9.6  | 690 | 99.1  | 8.5 | 4512.8 |
| 07 APR 2003 | 9.6  | 678 | 99.4  | 8.4 | 4515.0 |
| 05 MAY 2003 | 9.7  | 685 | 101.2 | 8.6 | 4511.5 |
| 02 JUN 2003 | 9.3  | 700 | 98.0  | 8.6 | 4498.8 |
| 01 JUL 2003 | 9.8  | 684 | 95.2  | 8.6 | 4500.4 |
| 04 AUG 2003 | 9.4  | 686 | 91.0  | 8.3 | 4500.4 |
| 02 SEP 2003 | 9.7  | 688 | 93.0  | 8.6 | 4503.2 |
| 29 SEP 2003 | 9.4  | 684 | 90.5  | 8.6 | 4483.7 |
| 03 NOV 2003 | 9.4  | 679 | 97.0  | 8.4 | 4484.6 |
| 16 DEC 2003 | 10.3 | 679 | 100.8 | 8.6 | 4476.5 |

\* Values Exceed Upper Control Limit

MW80

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW81

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.6     | 823                  | 121.3                   |    |         |                       |

| Date        |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 06 JAN 2003 | 9.8 | 682 | 100.3 | 8.6 |  | 4512.9 |
| 03 FEB 2003 | 9.5 | 677 | 98.5  | 8.5 |  | 4512.3 |
| 03 MAR 2003 | 9.4 | 680 | 98.0  | 8.6 |  | 4513.1 |
| 07 APR 2003 | 9.7 | 666 | 98.2  | 8.5 |  | 4515.0 |
| 05 MAY 2003 | 9.6 | 684 | 99.7  | 8.6 |  | 4508.5 |
| 02 JUN 2003 | 9.3 | 695 | 95.0  | 8.6 |  | 4494.2 |
| 01 JUL 2003 | 9.4 | 681 | 90.6  | 8.6 |  | 4496.4 |
| 04 AUG 2003 | 9.6 | 682 | 90.8  | 8.3 |  | 4498.2 |
| 02 SEP 2003 | 9.6 | 683 | 90.7  | 8.6 |  | 4499.7 |
| 29 SEP 2003 | 9.6 | 685 | 91.1  | 8.6 |  | 4487.1 |
| 03 NOV 2003 | 9.3 | 679 | 96.5  | 8.4 |  | 4488.3 |
| 01 DEC 2003 | 9.7 | 677 | 100.7 | 8.5 |  | 4485.0 |

\* Values Exceed Upper Control Limit

MW81

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW82

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.6     | 823                  | 121.3                   |    |         |                       |

| Date        |      |     |       |     |        |
|-------------|------|-----|-------|-----|--------|
| 07 JAN 2003 | 10.5 | 660 | 100.5 | 8.6 | 4510.8 |
| 03 FEB 2003 | 10.3 | 660 | 97.7  | 8.5 | 4510.5 |
| 03 MAR 2003 | 10.5 | 659 | 96.6  | 8.5 | 4510.9 |
| 07 APR 2003 | 10.5 | 649 | 96.3  | 8.0 | 4512.0 |
| 05 MAY 2003 | 10.0 | 665 | 95.2  | 8.6 | 4506.6 |
| 02 JUN 2003 | 10.0 | 679 | 87.7  | 8.6 | 4485.3 |
| 01 JUL 2003 | 10.2 | 663 | 90.0  | 8.6 | 4488.2 |
| 04 AUG 2003 | 10.1 | 669 | 89.0  | 8.3 | 4489.6 |
| 02 SEP 2003 | 10.0 | 666 | 88.5  | 8.6 | 4492.8 |
| 29 SEP 2003 | 10.0 | 667 | 88.2  | 8.5 | 4479.5 |
| 03 NOV 2003 | 9.9  | 662 | 95.4  | 8.5 | 4481.3 |
| 01 DEC 2003 | 10.1 | 660 | 95.2  | 8.5 | 4481.2 |

\* Values Exceed Upper Control Limit

MW82

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW83

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.6     | 823                  | 121.3                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 07 JAN 2003 | 10.2 | 671 | 100.6 | 8.7 |  | 4511.1 |
| 03 FEB 2003 | 9.7  | 667 | 95.8  | 8.7 |  | 4510.8 |
| 03 MAR 2003 | 10.0 | 669 | 98.8  | 8.7 |  | 4511.6 |
| 07 APR 2003 | 10.2 | 653 | 95.7  | 8.7 |  | 4513.0 |
| 05 MAY 2003 | 10.2 | 674 | 100.8 | 8.5 |  | 4508.4 |
| 02 JUN 2003 | 10.0 | 687 | 91.8  | 8.6 |  | 4488.9 |
| 01 JUL 2003 | 9.9  | 672 | 90.9  | 8.6 |  | 4491.5 |
| 04 AUG 2003 | 9.7  | 665 | 90.2  | 8.6 |  | 4492.7 |
| 02 SEP 2003 | 9.8  | 672 | 85.7  | 8.6 |  | 4495.5 |
| 29 SEP 2003 | 9.8  | 674 | 89.2  | 8.6 |  | 4474.2 |
| 03 NOV 2003 | 9.8  | 671 | 97.8  | 8.5 |  | 4478.6 |
| 01 DEC 2003 | 10.2 | 670 | 101.0 | 8.5 |  | 4477.1 |

\* Values Exceed Upper Control Limit

MW83

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW84

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.6     | 823                  | 121.3                   |    |         |                       |

| Date        |      |     |       |     |        |
|-------------|------|-----|-------|-----|--------|
| 07 JAN 2003 | 10.2 | 666 | 101.3 | 8.6 | 4511.1 |
| 03 FEB 2003 | 10.1 | 666 | 99.7  | 8.5 | 4510.6 |
| 03 MAR 2003 | 10.4 | 667 | 103.4 | 8.5 | 4511.6 |
| 07 APR 2003 | 10.0 | 672 | 99.6  | 8.5 | 4513.0 |
| 05 MAY 2003 | 10.2 | 672 | 100.3 | 8.6 | 4509.3 |
| 02 JUN 2003 | 9.9  | 687 | 91.7  | 8.5 | 4491.1 |
| 07 JUL 2003 | 10.3 | 670 | 86.0  | 8.6 | 4493.2 |
| 20 AUG 2003 | 9.6  | 672 | 89.6  | 8.6 | 4494.2 |
| 02 SEP 2003 | 10.0 | 671 | 86.3  | 8.6 | 4496.8 |
| 29 SEP 2003 | 10.1 | 672 | 90.9  | 8.6 | 4474.8 |
| 03 NOV 2003 | 10.1 | 671 | 101.5 | 8.5 | 4477.9 |
| 01 DEC 2003 | 9.8  | 670 | 99.5  | 8.5 | 4475.6 |

\* Values Exceed Upper Control Limit

MW84

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW85

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.6     | 823                  | 121.3                   |    |         |                       |

| Date        |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 07 JAN 2003 | 10.2 | 666 | 99.6  | 8.6 |  | 4511.1 |
| 03 FEB 2003 | 10.5 | 666 | 100.8 | 8.3 |  | 4510.6 |
| 03 MAR 2003 | 10.2 | 663 | 98.9  | 8.6 |  | 4511.6 |
| 07 APR 2003 | 10.2 | 666 | 98.8  | 8.5 |  | 4512.0 |
| 05 MAY 2003 | 10.2 | 662 | 98.7  | 8.6 |  | 4508.3 |
| 04 JUN 2003 | 10.1 | 681 | 90.7  | 8.6 |  | 4496.0 |
| 01 JUL 2003 | 9.9  | 671 | 90.0  | 8.6 |  | 4497.3 |
| 04 AUG 2003 | 9.8  | 670 | 89.2  | 8.6 |  | 4498.0 |
| 02 SEP 2003 | 10.2 | 671 | 86.3  | 8.6 |  | 4500.1 |
| 29 SEP 2003 | 10.1 | 672 | 89.5  | 8.5 |  | 4486.2 |
| 03 NOV 2003 | 9.8  | 668 | 97.5  | 8.5 |  | 4488.9 |
| 01 DEC 2003 | 10.1 | 666 | 98.8  | 8.4 |  | 4480.8 |

\* Values Exceed Upper Control Limit

MW85

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW86

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.6     | 823                  | 121.3                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 07 JAN 2003 | 10.2 | 654 | 97.8  | 8.5 |  | 4511.2 |
| 03 FEB 2003 | 10.8 | 667 | 98.7  | 8.3 |  | 4510.3 |
| 03 MAR 2003 | 10.3 | 662 | 98.6  | 8.5 |  | 4511.8 |
| 16 APR 2003 | 10.4 | 657 | 96.3  | 8.6 |  | 4512.0 |
| 05 MAY 2003 | 10.4 | 666 | 98.7  | 8.5 |  | 4510.9 |
| 02 JUN 2003 | 10.6 | 682 | 93.5  | 8.4 |  | 4500.5 |
| 01 JUL 2003 | 9.8  | 670 | 89.7  | 8.6 |  | 4501.3 |
| 04 AUG 2003 | 10.3 | 672 | 93.4  | 8.5 |  | 4501.8 |
| 02 SEP 2003 | 9.9  | 675 | 86.7  | 8.5 |  | 4503.3 |
| 29 SEP 2003 | 10.1 | 674 | 91.0  | 8.5 |  | 4492.3 |
| 03 NOV 2003 | 9.9  | 668 | 97.2  | 8.4 |  | 4483.9 |
| 01 DEC 2003 | 10.3 | 668 | 100.0 | 8.5 |  | 4480.8 |

\* Values Exceed Upper Control Limit

MW86

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW87

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.6     | 823                  | 121.3                   |    |         |                       |

| Date        |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 07 JAN 2003 | 10.0 | 657 | 99.8  | 8.4 |  | 4512.0 |
| 03 FEB 2003 | 10.2 | 672 | 102.7 | 8.3 |  | 4511.1 |
| 03 MAR 2003 | 10.2 | 666 | 101.6 | 8.4 |  | 4512.4 |
| 07 APR 2003 | 10.2 | 668 | 100.8 | 8.5 |  | 4512.0 |
| 05 MAY 2003 | 10.4 | 666 | 102.9 | 8.4 |  | 4513.0 |
| 02 JUN 2003 | 9.9  | 683 | 92.4  | 8.3 |  | 4504.9 |
| 01 JUL 2003 | 10.1 | 669 | 93.1  | 8.5 |  | 4505.1 |
| 04 AUG 2003 | 9.8  | 667 | 93.2  | 8.5 |  | 4505.3 |
| 02 SEP 2003 | 9.9  | 670 | 88.4  | 8.5 |  | 4504.6 |
| 29 SEP 2003 | 9.8  | 673 | 93.2  | 8.5 |  | 4499.3 |
| 03 NOV 2003 | 9.7  | 665 | 98.7  | 8.3 |  | 4488.8 |
| 01 DEC 2003 | 10.6 | 665 | 105.3 | 8.4 |  | 4484.4 |

\* Values Exceed Upper Control Limit

MW87

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW88

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.6     | 823                  | 121.3                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 07 JAN 2003 | 10.2 | 665 | 103.1 | 8.4 |  | 4512.8 |
| 03 FEB 2003 | 9.8  | 670 | 100.5 | 8.4 |  | 4511.5 |
| 03 MAR 2003 | 9.9  | 666 | 100.5 | 8.5 |  | 4513.1 |
| 07 APR 2003 | 9.9  | 671 | 100.5 | 8.6 |  | 4512.0 |
| 05 MAY 2003 | 10.2 | 668 | 101.4 | 8.5 |  | 4515.2 |
| 02 JUN 2003 | 9.6  | 688 | 90.7  | 8.3 |  | 4508.6 |
| 01 JUL 2003 | 9.7  | 674 | 94.1  | 8.5 |  | 4508.9 |
| 04 AUG 2003 | 9.5  | 675 | 91.4  | 8.5 |  | 4508.7 |
| 02 SEP 2003 | 9.8  | 677 | 89.2  | 8.5 |  | 4509.9 |
| 29 SEP 2003 | 9.5  | 678 | 91.9  | 8.5 |  | 4503.9 |
| 03 NOV 2003 | 9.6  | 672 | 99.3  | 8.4 |  | 4495.3 |
| 01 DEC 2003 | 10.2 | 671 | 104.4 | 8.4 |  | 4491.4 |

\* Values Exceed Upper Control Limit

MW88

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW89

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.6     | 823                  | 121.3                   |    |         |                       |

| Date        |      |   |     |       |     |        |
|-------------|------|---|-----|-------|-----|--------|
| 07 JAN 2003 | 14.4 | * | 708 | 122.8 | 8.5 | 4513.5 |
| 09 JAN 2003 | 14.3 | * | 704 | 119.8 | 8.4 | 4508.8 |
| 09 JAN 2003 | 14.2 | * | 710 | 118.2 | 8.4 | 4508.8 |
| 03 FEB 2003 | 14.0 | * | 712 | 112.0 | 8.3 | 4512.0 |
| 03 MAR 2003 | 13.8 | * | 707 | 114.1 | 8.5 | 4514.1 |
| 07 APR 2003 | 14.0 | * | 720 | 118.2 | 8.5 | 4513.0 |
| 05 MAY 2003 | 13.8 | * | 713 | 117.4 | 8.5 | 4517.0 |
| 02 JUN 2003 | 12.9 |   | 731 | 104.5 | 8.4 | 4511.7 |
| 01 JUL 2003 | 12.9 |   | 713 | 107.4 | 8.5 | 4511.9 |
| 04 AUG 2003 | 13.6 |   | 719 | 106.0 | 8.4 | 4511.6 |
| 02 SEP 2003 | 12.9 |   | 718 | 101.8 | 8.4 | 4512.8 |
| 29 SEP 2003 | 12.5 |   | 715 | 106.2 | 8.5 | 4509.0 |
| 03 NOV 2003 | 12.1 |   | 707 | 111.6 | 8.3 | 4500.6 |
| 01 DEC 2003 | 12.2 |   | 702 | 111.9 | 8.4 | 4498.8 |

\* Values Exceed Upper Control Limit

MW89

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW90

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.6     | 823                  | 121.3                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 08 JAN 2003 | 9.4  | 679 | 98.4  | 8.6 |  | 4512.4 |
| 03 FEB 2003 | 9.5  | 681 | 98.1  | 8.5 |  | 4512.1 |
| 03 MAR 2003 | 9.5  | 684 | 98.8  | 8.5 |  | 4512.6 |
| 07 APR 2003 | 9.7  | 686 | 101.9 | 8.6 |  | 4515.0 |
| 05 MAY 2003 | 9.7  | 685 | 99.3  | 8.5 |  | 4502.5 |
| 02 JUN 2003 | 10.0 | 695 | 94.4  | 8.6 |  | 4488.0 |
| 01 JUL 2003 | 9.5  | 683 | 91.5  | 8.6 |  | 4491.5 |
| 04 AUG 2003 | 9.4  | 685 | 89.4  | 8.5 |  | 4493.1 |
| 02 SEP 2003 | 9.7  | 686 | 87.9  | 8.6 |  | 4494.6 |
| 29 SEP 2003 | 9.4  | 686 | 90.1  | 8.6 |  | 4492.7 |
| 03 NOV 2003 | 9.5  | 675 | 96.9  | 8.4 |  | 4493.3 |
| 10 DEC 2003 | 9.3  | 677 | 91.9  | 8.6 |  | 4492.2 |

\* Values Exceed Upper Control Limit

MW90

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW101

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.6     | 778                  | 124.6                   |    |         |                       |

| Date        |      |     |       |     |        |
|-------------|------|-----|-------|-----|--------|
| 07 JAN 2003 | 9.6  | 675 | 96.2  | 8.5 | 4513.1 |
| 03 FEB 2003 | 9.9  | 674 | 100.8 | 8.5 | 4513.5 |
| 04 MAR 2003 | 10.4 | 676 | 103.0 | 8.5 | 4513.2 |
| 07 APR 2003 | 10.2 | 683 | 100.5 | 8.2 | 4515.0 |
| 05 MAY 2003 | 9.7  | 690 | 97.6  | 8.6 | 4494.0 |
| 02 JUN 2003 | 9.7  | 695 | 89.8  | 8.5 | 4481.9 |
| 01 JUL 2003 | 9.6  | 686 | 89.7  | 8.5 | 4483.5 |
| 04 AUG 2003 | 9.7  | 681 | 92.2  | 8.5 | 4487.0 |
| 02 SEP 2003 | 9.5  | 685 | 89.5  | 8.6 | 4489.9 |
| 29 SEP 2003 | 9.4  | 681 | 88.9  | 8.5 | 4498.5 |
| 03 NOV 2003 | 9.6  | 682 | 97.3  | 8.4 | 4498.4 |
| 03 DEC 2003 | 9.7  | 686 | 99.1  | 8.5 | 4498.9 |

\* Values Exceed Upper Control Limit

MW101

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW102

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.6     | 778                  | 124.6                   |    |         |                       |

## Date

|             |      |     |      |     |  |        |
|-------------|------|-----|------|-----|--|--------|
| 07 JAN 2003 | 9.7  | 679 | 96.0 | 8.5 |  | 4511.5 |
| 03 FEB 2003 | 9.7  | 674 | 97.2 | 7.8 |  | 4511.8 |
| 04 MAR 2003 | 9.8  | 674 | 98.6 | 8.6 |  | 4509.3 |
| 07 APR 2003 | 10.2 | 677 | 97.9 | 8.6 |  | 4514.0 |
| 05 MAY 2003 | 10.2 | 670 | 96.1 | 8.6 |  | 4492.3 |
| 02 JUN 2003 | 10.0 | 679 | 88.5 | 8.5 |  | 4476.7 |
| 01 JUL 2003 | 10.1 | 666 | 87.8 | 8.5 |  | 4479.7 |
| 04 AUG 2003 | 10.1 | 668 | 90.8 | 8.5 |  | 4484.4 |
| 02 SEP 2003 | 9.5  | 678 | 88.3 | 8.6 |  | 4487.9 |
| 29 SEP 2003 | 9.5  | 674 | 86.5 | 8.5 |  | 4501.2 |
| 03 NOV 2003 | 9.8  | 668 | 95.8 | 7.5 |  | 4501.0 |
| 03 DEC 2003 | 9.7  | 669 | 95.5 | 8.5 |  | 4502.2 |

\* Values Exceed Upper Control Limit

MW102

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW103

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.6     | 778                  | 124.6                   |    |         |                       |

| Date        |     |     |      |     |        |
|-------------|-----|-----|------|-----|--------|
| 07 JAN 2003 | 9.7 | 677 | 96.9 | 8.8 | 4512.9 |
| 03 FEB 2003 | 9.7 | 670 | 96.0 | 8.1 | 4513.0 |
| 04 MAR 2003 | 9.5 | 684 | 96.8 | 8.7 | 4512.8 |
| 07 APR 2003 | 9.8 | 676 | 97.4 | 8.1 | 4514.0 |
| 05 MAY 2003 | 9.7 | 676 | 95.5 | 8.6 | 4501.7 |
| 02 JUN 2003 | 9.6 | 684 | 86.0 | 8.6 | 4483.7 |
| 01 JUL 2003 | 9.5 | 675 | 87.0 | 8.6 | 4486.4 |
| 04 AUG 2003 | 9.5 | 674 | 88.5 | 8.6 | 4492.1 |
| 02 SEP 2003 | 9.5 | 678 | 88.8 | 7.4 | 4495.1 |
| 29 SEP 2003 | 9.8 | 680 | 92.0 | 8.5 | 4504.3 |
| 03 NOV 2003 | 9.5 | 673 | 94.8 | 7.4 | 4504.3 |
| 03 DEC 2003 | 9.6 | 672 | 95.7 | 8.5 | 4505.3 |

\* Values Exceed Upper Control Limit

MW103

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW104

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.6     | 778                  | 124.6                   |    |         |                       |

| Date        |     |     |      |     |  |        |
|-------------|-----|-----|------|-----|--|--------|
| 07 JAN 2003 | 9.4 | 685 | 97.5 | 8.5 |  | 4510.8 |
| 03 FEB 2003 | 9.3 | 692 | 95.8 | 8.3 |  | 4511.2 |
| 04 MAR 2003 | 9.7 | 685 | 97.4 | 8.7 |  | 4510.5 |
| 07 APR 2003 | 9.5 | 687 | 96.8 | 8.5 |  | 4513.0 |
| 07 MAY 2003 | 9.9 | 695 | 99.0 | 8.7 |  | 4499.0 |
| 02 JUN 2003 | 9.4 | 706 | 88.6 | 8.5 |  | 4479.3 |
| 01 JUL 2003 | 9.1 | 695 | 88.7 | 8.5 |  | 4482.8 |
| 04 AUG 2003 | 9.4 | 691 | 90.5 | 8.5 |  | 4489.8 |
| 02 SEP 2003 | 9.1 | 692 | 89.0 | 8.0 |  | 4493.2 |
| 29 SEP 2003 | 9.1 | 695 | 88.1 | 8.5 |  | 4503.5 |
| 03 NOV 2003 | 9.3 | 689 | 95.2 | 7.9 |  | 4502.9 |
| 03 DEC 2003 | 9.2 | 691 | 94.4 | 8.5 |  | 4504.2 |

\* Values Exceed Upper Control Limit

MW104

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW105

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.6     | 778                  | 124.6                   |    |         |                       |

## Date

|             |     |     |      |     |  |        |
|-------------|-----|-----|------|-----|--|--------|
| 07 JAN 2003 | 9.7 | 669 | 95.9 | 8.4 |  | 4509.8 |
| 03 FEB 2003 | 9.8 | 674 | 96.3 | 8.2 |  | 4510.2 |
| 04 MAR 2003 | 9.9 | 670 | 96.8 | 8.6 |  | 4509.9 |
| 07 APR 2003 | 9.8 | 672 | 95.1 | 8.4 |  | 4512.0 |
| 07 MAY 2003 | 9.9 | 675 | 96.0 | 8.6 |  | 4500.6 |
| 02 JUN 2003 | 9.5 | 692 | 87.3 | 8.6 |  | 4473.3 |
| 01 JUL 2003 | 9.4 | 676 | 85.7 | 8.6 |  | 4478.2 |
| 04 AUG 2003 | 9.4 | 677 | 86.8 | 8.5 |  | 4486.2 |
| 02 SEP 2003 | 9.5 | 680 | 86.3 | 8.6 |  | 4490.5 |
| 29 SEP 2003 | 9.4 | 680 | 86.4 | 8.5 |  | 4501.4 |
| 03 NOV 2003 | 9.7 | 676 | 94.3 | 8.4 |  | 4501.7 |
| 03 DEC 2003 | 9.5 | 673 | 93.1 | 8.5 |  | 4501.8 |

\* Values Exceed Upper Control Limit

MW105

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW106

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.6     | 778                  | 124.6                   |    |         |                       |

## Date

|             |      |     |      |     |  |        |
|-------------|------|-----|------|-----|--|--------|
| 07 JAN 2003 | 10.2 | 657 | 95.2 | 8.5 |  | 4509.3 |
| 03 FEB 2003 | 10.1 | 665 | 93.2 | 8.3 |  | 4509.6 |
| 04 MAR 2003 | 10.1 | 663 | 95.1 | 8.6 |  | 4509.8 |
| 07 APR 2003 | 10.2 | 661 | 94.0 | 8.6 |  | 4511.0 |
| 07 MAY 2003 | 10.2 | 670 | 95.9 | 8.6 |  | 4499.0 |
| 02 JUN 2003 | 10.3 | 682 | 91.7 | 8.6 |  | 4471.3 |
| 01 JUL 2003 | 10.1 | 667 | 87.0 | 8.5 |  | 4476.5 |
| 04 AUG 2003 | 10.1 | 669 | 89.2 | 8.5 |  | 4484.6 |
| 02 SEP 2003 | 9.8  | 671 | 87.4 | 8.6 |  | 4489.1 |
| 29 SEP 2003 | 9.8  | 673 | 86.9 | 8.5 |  | 4500.8 |
| 03 NOV 2003 | 9.9  | 668 | 93.3 | 8.4 |  | 4500.4 |
| 03 DEC 2003 | 9.9  | 667 | 94.8 | 8.4 |  | 4501.6 |

\* Values Exceed Upper Control Limit

MW106

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW107

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.6     | 778                  | 124.6                   |    |         |                       |

| Date        |      |     |      |     |  |        |
|-------------|------|-----|------|-----|--|--------|
| 07 JAN 2003 | 10.3 | 652 | 96.2 | 8.5 |  | 4510.3 |
| 03 FEB 2003 | 10.3 | 661 | 95.8 | 8.3 |  | 4510.6 |
| 04 MAR 2003 | 10.6 | 657 | 99.3 | 8.6 |  | 4510.9 |
| 07 APR 2003 | 10.1 | 657 | 95.1 | 8.6 |  | 4512.0 |
| 07 MAY 2003 | 10.6 | 663 | 96.7 | 8.6 |  | 4498.6 |
| 02 JUN 2003 | 9.8  | 678 | 92.0 | 8.6 |  | 4469.1 |
| 01 JUL 2003 | 10.1 | 666 | 86.4 | 8.6 |  | 4474.9 |
| 04 AUG 2003 | 9.9  | 666 | 87.9 | 8.5 |  | 4483.3 |
| 02 SEP 2003 | 10.1 | 668 | 88.4 | 8.6 |  | 4488.4 |
| 29 SEP 2003 | 10.0 | 669 | 87.4 | 8.5 |  | 4501.1 |
| 03 NOV 2003 | 9.8  | 664 | 93.0 | 8.5 |  | 4500.7 |
| 03 DEC 2003 | 9.9  | 661 | 94.0 | 8.5 |  | 4501.9 |

\* Values Exceed Upper Control Limit

MW107

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW108

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.6     | 778                  | 124.6                   |    |         |                       |

## Date

|             |      |     |      |     |  |        |
|-------------|------|-----|------|-----|--|--------|
| 07 JAN 2003 | 10.3 | 660 | 93.5 | 8.6 |  | 4509.5 |
| 03 FEB 2003 | 10.5 | 657 | 95.5 | 8.6 |  | 4509.8 |
| 04 MAR 2003 | 10.8 | 652 | 96.4 | 8.7 |  | 4511.0 |
| 07 APR 2003 | 10.8 | 659 | 96.5 | 8.2 |  | 4511.0 |
| 05 MAY 2003 | 10.6 | 661 | 93.5 | 8.6 |  | 4493.0 |
| 02 JUN 2003 | 10.3 | 670 | 85.7 | 8.6 |  | 4463.3 |
| 01 JUL 2003 | 10.4 | 660 | 86.0 | 8.5 |  | 4467.9 |
| 04 AUG 2003 | 10.2 | 660 | 86.4 | 8.4 |  | 4476.1 |
| 02 SEP 2003 | 10.1 | 661 | 84.9 | 8.6 |  | 4482.8 |
| 29 SEP 2003 | 10.3 | 663 | 86.8 | 8.5 |  | 4498.8 |
| 03 NOV 2003 | 10.4 | 656 | 92.2 | 8.5 |  | 4498.3 |
| 03 DEC 2003 | 10.2 | 655 | 92.2 | 8.5 |  | 4499.6 |

\* Values Exceed Upper Control Limit

MW108

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW109

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.6     | 778                  | 124.6                   |    |         |                       |

## Date

|             |      |     |      |     |  |        |
|-------------|------|-----|------|-----|--|--------|
| 07 JAN 2003 | 10.6 | 679 | 95.2 | 8.4 |  | 4509.3 |
| 03 FEB 2003 | 10.6 | 675 | 94.6 | 8.4 |  | 4509.5 |
| 04 MAR 2003 | 10.6 | 671 | 94.1 | 8.6 |  | 4509.9 |
| 07 APR 2003 | 10.6 | 676 | 94.1 | 8.5 |  | 4511.0 |
| 05 MAY 2003 | 10.4 | 687 | 92.1 | 8.5 |  | 4495.6 |
| 02 JUN 2003 | 10.2 | 683 | 86.1 | 8.6 |  | 4463.4 |
| 01 JUL 2003 | 10.4 | 674 | 85.9 | 8.5 |  | 4471.4 |
| 04 AUG 2003 | 9.9  | 719 | 83.1 | 8.5 |  | 4473.7 |
| 02 SEP 2003 | 10.2 | 739 | 84.9 | 8.6 |  | 4481.2 |
| 29 SEP 2003 | 10.3 | 762 | 84.0 | 8.4 |  | 4497.0 |
| 03 NOV 2003 | 10.2 | 772 | 89.9 | 8.4 |  | 4496.8 |
| 03 DEC 2003 | 10.2 | 802 | 87.8 | 8.4 |  | 4497.9 |

\* Values Exceed Upper Control Limit

MW109

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW110

COGEMA Mining Inc.  
CHRISTENSEN RANCH  
PERIMETER ORE ZONE MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.6     | 778                  | 124.6                   |    |         |                       |

## Date

|             |      |     |      |     |  |        |
|-------------|------|-----|------|-----|--|--------|
| 07 JAN 2003 | 10.4 | 656 | 94.2 | 8.7 |  | 4510.7 |
| 03 FEB 2003 | 10.3 | 655 | 92.8 | 8.6 |  | 4510.8 |
| 04 MAR 2003 | 10.5 | 654 | 93.9 | 8.7 |  | 4511.0 |
| 07 APR 2003 | 10.6 | 663 | 94.1 | 8.8 |  | 4512.0 |
| 05 MAY 2003 | 10.7 | 668 | 99.7 | 8.6 |  | 4499.8 |
| 02 JUN 2003 | 10.0 | 678 | 87.7 | 8.6 |  | 4464.6 |
| 01 JUL 2003 | 10.3 | 666 | 88.3 | 8.6 |  | 4472.9 |
| 04 AUG 2003 | 10.1 | 667 | 89.7 | 8.5 |  | 4473.1 |
| 02 SEP 2003 | 10.0 | 668 | 88.6 | 8.6 |  | 4481.2 |
| 29 SEP 2003 | 9.9  | 669 | 86.7 | 8.5 |  | 4495.6 |
| 03 NOV 2003 | 10.0 | 663 | 93.4 | 8.4 |  | 4495.6 |
| 03 DEC 2003 | 10.1 | 661 | 93.9 | 8.5 |  | 4496.6 |

\* Values Exceed Upper Control Limit

MW110

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW111

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.6     | 778                  | 124.6                   |    |         |                       |

| Date        |      |     |      |     |  |        |
|-------------|------|-----|------|-----|--|--------|
| 07 JAN 2003 | 10.5 | 659 | 98.0 | 8.5 |  | 4510.8 |
| 03 FEB 2003 | 10.2 | 656 | 98.2 | 7.9 |  | 4510.7 |
| 04 MAR 2003 | 10.6 | 656 | 99.7 | 8.6 |  | 4511.2 |
| 07 APR 2003 | 10.3 | 661 | 98.7 | 7.7 |  | 4512.0 |
| 05 MAY 2003 | 10.1 | 669 | 95.9 | 8.6 |  | 4503.6 |
| 02 JUN 2003 | 10.0 | 678 | 88.0 | 8.6 |  | 4474.3 |
| 01 JUL 2003 | 10.1 | 667 | 89.2 | 8.5 |  | 4479.8 |
| 04 AUG 2003 | 9.9  | 668 | 88.9 | 8.5 |  | 4479.6 |
| 02 SEP 2003 | 10.1 | 669 | 89.6 | 8.6 |  | 4486.0 |
| 29 SEP 2003 | 10.1 | 670 | 90.7 | 8.5 |  | 4489.8 |
| 03 NOV 2003 | 9.8  | 663 | 95.4 | 8.4 |  | 4489.5 |
| 03 DEC 2003 | 10.1 | 661 | 97.2 | 8.5 |  | 4490.8 |

\* Values Exceed Upper Control Limit

MW111

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW114

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.4     | 777                  | 129.7                   |    |         |                       |

| Date        |      |     |       |     |        |
|-------------|------|-----|-------|-----|--------|
| 14 JAN 2003 | 10.5 | 674 | 101.9 | 8.7 | 4512.3 |
| 11 FEB 2003 | 10.2 | 670 | 99.2  | 8.8 | 4511.6 |
| 10 MAR 2003 | 10.2 | 670 | 99.8  | 8.8 | 4511.8 |
| 16 APR 2003 | 10.1 | 674 | 97.3  | 8.7 | 4514.0 |
| 12 MAY 2003 | 10.2 | 691 | 91.2  | 8.7 | 4515.0 |
| 09 JUN 2003 | 10.1 | 685 | 92.6  | 8.7 | 4511.5 |
| 07 JUL 2003 | 9.8  | 680 | 90.6  | 8.9 | 4510.6 |
| 11 AUG 2003 | 10.3 | 680 | 95.1  | 8.8 | 4511.4 |
| 08 SEP 2003 | 10.1 | 683 | 92.8  | 8.7 | 4513.3 |
| 07 OCT 2003 | 10.1 | 677 | 92.4  | 8.8 | 4509.9 |
| 10 NOV 2003 | 10.2 | 675 | 100.4 | 8.7 | 4507.9 |
| 08 DEC 2003 | 9.8  | 676 | 97.8  | 8.7 | 4506.6 |

\* Values Exceed Upper Control Limit

MW114

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW115

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.4     | 777                  | 129.7                   |    |         |                       |

| Date        |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 14 JAN 2003 | 9.9  | 685 | 102.7 | 8.5 |  | 4511.2 |
| 11 FEB 2003 | 10.0 | 674 | 103.8 | 8.5 |  | 4510.7 |
| 10 MAR 2003 | 9.9  | 672 | 105.0 | 8.6 |  | 4510.2 |
| 16 APR 2003 | 10.3 | 675 | 106.6 | 8.4 |  | 4513.0 |
| 12 MAY 2003 | 9.8  | 690 | 94.1  | 8.5 |  | 4514.3 |
| 09 JUN 2003 | 9.4  | 687 | 92.1  | 8.4 |  | 4509.1 |
| 07 JUL 2003 | 9.5  | 681 | 93.8  | 8.6 |  | 4508.3 |
| 11 AUG 2003 | 9.4  | 680 | 92.5  | 8.5 |  | 4509.1 |
| 08 SEP 2003 | 9.7  | 684 | 93.7  | 8.4 |  | 4510.9 |
| 07 OCT 2003 | 9.5  | 680 | 93.3  | 8.5 |  | 4507.7 |
| 10 NOV 2003 | 9.9  | 678 | 108.9 | 8.4 |  | 4505.9 |
| 08 DEC 2003 | 9.8  | 678 | 102.3 | 8.4 |  | 4504.9 |

\* Values Exceed Upper Control Limit

MW115

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW116

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.4     | 777                  | 129.7                   |    |         |                       |

| Date        |      |     |       |     |        |
|-------------|------|-----|-------|-----|--------|
| 14 JAN 2003 | 9.8  | 666 | 96.6  | 8.9 | 4511.3 |
| 11 FEB 2003 | 10.1 | 670 | 95.9  | 8.8 | 4510.9 |
| 10 MAR 2003 | 9.5  | 658 | 96.5  | 8.8 | 4510.5 |
| 16 APR 2003 | 9.8  | 662 | 97.1  | 8.8 | 4513.0 |
| 12 MAY 2003 | 9.8  | 674 | 88.8  | 8.8 | 4514.2 |
| 09 JUN 2003 | 9.7  | 681 | 90.6  | 8.7 | 4508.4 |
| 07 JUL 2003 | 9.5  | 677 | 91.9  | 8.8 | 4507.7 |
| 11 AUG 2003 | 9.5  | 677 | 91.3  | 8.7 | 4508.4 |
| 08 SEP 2003 | 9.8  | 681 | 93.4  | 8.7 | 4510.4 |
| 07 OCT 2003 | 9.8  | 680 | 94.0  | 8.7 | 4506.2 |
| 10 NOV 2003 | 9.5  | 674 | 99.2  | 8.7 | 4504.4 |
| 09 DEC 2003 | 9.9  | 673 | 103.1 | 8.7 | 4502.6 |

\* Values Exceed Upper Control Limit

MW116

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 4  
Well I.D. 4MW-1

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.1     | 825                  | 116.9                   |    |         |                       |

| Date        |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 08 JAN 2003 | 9.3 | 663 | 97.9  | 8.5 |  | 4509.9 |
| 04 FEB 2003 | 9.5 | 667 | 99.7  | 8.4 |  | 4506.6 |
| 04 MAR 2003 | 9.4 | 669 | 100.1 | 8.7 |  | 4517.1 |
| 09 APR 2003 | 9.3 | 665 | 98.1  | 8.7 |  | 4519.0 |
| 06 MAY 2003 | 9.7 | 677 | 99.8  | 8.7 |  | 4521.9 |
| 03 JUN 2003 | 8.7 | 686 | 90.6  | 8.6 |  | 4522.2 |
| 01 JUL 2003 | 9.1 | 673 | 89.0  | 8.6 |  | 4523.4 |
| 04 AUG 2003 | 9.2 | 674 | 85.1  | 8.6 |  | 4523.1 |
| 03 SEP 2003 | 9.3 | 675 | 91.1  | 8.7 |  | 4523.5 |
| 01 OCT 2003 | 9.2 | 677 | 90.8  | 8.7 |  | 4523.9 |
| 05 NOV 2003 | 9.3 | 670 | 97.1  | 8.6 |  | 4523.6 |
| 02 DEC 2003 | 9.2 | 667 | 96.1  | 8.5 |  | 4522.2 |

\* Values Exceed Upper Control Limit

4MW-1

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 4  
Well I.D. 4MW-2

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.1     | 825                  | 116.9                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 08 JAN 2003 | 9.5 | 663 | 105.4 | 8.5 |  | 4511.3 |
| 04 FEB 2003 | 9.5 | 662 | 104.7 | 8.4 |  | 4507.7 |
| 04 MAR 2003 | 9.1 | 672 | 103.1 | 8.7 |  | 4516.9 |
| 09 APR 2003 | 9.6 | 674 | 105.5 | 8.6 |  | 4520.0 |
| 06 MAY 2003 | 9.5 | 677 | 104.3 | 8.6 |  | 4522.0 |
| 03 JUN 2003 | 9.5 | 689 | 98.0  | 8.6 |  | 4523.0 |
| 01 JUL 2003 | 9.2 | 676 | 94.0  | 8.6 |  | 4524.4 |
| 04 AUG 2003 | 9.2 | 676 | 89.2  | 8.6 |  | 4524.3 |
| 03 SEP 2003 | 9.1 | 677 | 96.4  | 8.7 |  | 4524.7 |
| 01 OCT 2003 | 9.0 | 679 | 94.1  | 8.7 |  | 4525.3 |
| 05 NOV 2003 | 9.0 | 672 | 100.3 | 8.6 |  | 4524.5 |
| 02 DEC 2003 | 9.4 | 670 | 103.3 | 8.5 |  | 4522.8 |

\* Values Exceed Upper Control Limit

4MW-2

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 4  
Well I.D. 4MW-3

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.1     | 825                  | 116.9                   |    |         |                       |

## Date

|             |      |   |     |       |     |        |
|-------------|------|---|-----|-------|-----|--------|
| 08 JAN 2003 | 11.4 | * | 670 | 101.6 | 8.5 | 4506.0 |
| 04 FEB 2003 | 10.9 |   | 672 | 99.7  | 8.4 | 4504.9 |
| 04 MAR 2003 | 10.4 |   | 673 | 98.7  | 8.7 | 4515.5 |
| 09 APR 2003 | 11.0 |   | 668 | 100.3 | 8.7 | 4518.0 |
| 06 MAY 2003 | 11.1 |   | 680 | 99.5  | 8.7 | 4521.3 |
| 03 JUN 2003 | 11.1 |   | 691 | 89.2  | 8.6 | 4521.6 |
| 01 JUL 2003 | 11.7 | * | 680 | 89.3  | 8.6 | 4521.3 |
| 04 AUG 2003 | 12.3 | * | 680 | 83.9  | 8.6 | 4522.6 |
| 03 SEP 2003 | 12.8 | * | 683 | 90.9  | 8.7 | 4522.9 |
| 01 OCT 2003 | 11.8 | * | 682 | 88.7  | 8.7 | 4523.6 |
| 05 NOV 2003 | 13.3 | * | 683 | 97.6  | 8.6 | 4523.3 |
| 02 DEC 2003 | 13.8 | * | 685 | 96.9  | 8.5 | 4522.1 |

\* Values Exceed Upper Control Limit

4MW-3

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 4  
Well I.D. 4MW-4

COGEMA Mining Inc.  
CHRISTENSEN RANCH  
PERIMETER ORE ZONE MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.1     | 825                  | 116.9                   |    |         |                       |

| Date        |     |     |       |     |        |
|-------------|-----|-----|-------|-----|--------|
| 01 JAN 2003 | 9.4 | 668 | 107.5 | 8.4 | 4509.7 |
| 04 FEB 2003 | 9.5 | 670 | 109.3 | 8.4 | 4507.0 |
| 04 MAR 2003 | 9.1 | 676 | 105.5 | 8.6 | 4519.5 |
| 09 APR 2003 | 9.3 | 678 | 105.8 | 8.5 | 4519.0 |
| 06 MAY 2003 | 9.3 | 683 | 106.4 | 8.6 | 4523.0 |
| 03 JUN 2003 | 8.9 | 694 | 99.0  | 8.5 | 4523.9 |
| 01 JUL 2003 | 9.0 | 682 | 97.1  | 8.5 | 4525.5 |
| 04 AUG 2003 | 9.2 | 683 | 93.0  | 8.5 | 4525.6 |
| 03 SEP 2003 | 9.0 | 685 | 98.0  | 8.6 | 4525.8 |
| 01 OCT 2003 | 9.1 | 683 | 97.6  | 8.6 | 4526.5 |
| 05 NOV 2003 | 9.1 | 679 | 106.1 | 8.5 | 4525.8 |
| 02 DEC 2003 | 9.1 | 680 | 105.5 | 8.4 | 4524.7 |

\* Values Exceed Upper Control Limit

4MW-4

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 4  
Well I.D. 4MW-5

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.1     | 825                  | 116.9                   |    |         |                       |

| Date        |      |     |       |     |        |
|-------------|------|-----|-------|-----|--------|
| 08 JAN 2003 | 9.4  | 668 | 99.1  | 8.5 | 4506.1 |
| 04 FEB 2003 | 10.0 | 671 | 101.7 | 8.4 | 4503.7 |
| 04 MAR 2003 | 9.8  | 676 | 102.8 | 8.7 | 4515.7 |
| 09 APR 2003 | 10.2 | 671 | 105.5 | 8.7 | 4519.0 |
| 07 MAY 2003 | 9.8  | 681 | 100.8 | 8.7 | 4522.0 |
| 03 JUN 2003 | 9.6  | 690 | 92.5  | 8.6 | 4522.4 |
| 01 JUL 2003 | 9.4  | 676 | 90.2  | 8.7 | 4522.2 |
| 04 AUG 2003 | 9.5  | 674 | 85.9  | 8.6 | 4523.5 |
| 03 SEP 2003 | 9.4  | 678 | 91.9  | 8.7 | 4523.8 |
| 01 OCT 2003 | 9.5  | 684 | 92.6  | 8.6 | 4524.4 |
| 05 NOV 2003 | 9.7  | 675 | 101.0 | 8.6 | 4524.5 |
| 02 DEC 2003 | 9.9  | 675 | 100.0 | 8.5 | 4523.6 |

\* Values Exceed Upper Control Limit

4MW-5

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## PERIMETER ORE ZONE MONITOR WELL

Mine Unit 4  
Well I.D. 4MW-6

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.1     | 825                  | 116.9                   |    |         |                       |

| Date        |      |     |       |     |        |
|-------------|------|-----|-------|-----|--------|
| 08 JAN 2003 | 9.5  | 651 | 102.5 | 8.5 | 4505.1 |
| 04 FEB 2003 | 10.0 | 655 | 102.3 | 8.4 | 4505.0 |
| 04 MAR 2003 | 9.1  | 666 | 102.8 | 8.7 | 4517.0 |
| 09 APR 2003 | 9.4  | 667 | 101.0 | 8.7 | 4517.0 |
| 06 MAY 2003 | 9.4  | 667 | 99.9  | 8.7 | 4523.7 |
| 03 JUN 2003 | 9.1  | 674 | 90.3  | 8.5 | 4524.7 |
| 01 JUL 2003 | 9.2  | 658 | 89.6  | 8.6 | 4526.8 |
| 04 AUG 2003 | 9.2  | 654 | 83.5  | 8.6 | 4526.5 |
| 03 SEP 2003 | 9.1  | 670 | 93.2  | 8.7 | 4526.7 |
| 01 OCT 2003 | 9.4  | 660 | 92.9  | 8.7 | 4527.4 |
| 05 NOV 2003 | 9.3  | 654 | 97.7  | 8.6 | 4527.9 |
| 02 DEC 2003 | 9.1  | 655 | 96.7  | 8.6 | 4526.6 |

\* Values Exceed Upper Control Limit

4MW-6

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 4  
Well I.D. 4MW-7

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.1     | 825                  | 116.9                   |    |         |                       |

## Date

|             |     |     |      |     |  |        |
|-------------|-----|-----|------|-----|--|--------|
| 08 JAN 2003 | 9.3 | 651 | 90.6 | 9.2 |  | 4501.7 |
| 04 FEB 2003 | 9.8 | 662 | 93.7 | 9.0 |  | 4503.6 |
| 04 MAR 2003 | 9.2 | 671 | 98.7 | 8.7 |  | 4516.3 |
| 09 APR 2003 | 9.3 | 660 | 94.4 | 9.5 |  | 4516.0 |
| 07 MAY 2003 | 9.1 | 661 | 88.9 | 8.9 |  | 4522.8 |
| 03 JUN 2003 | 9.2 | 679 | 87.0 | 9.1 |  | 4523.3 |
| 01 JUL 2003 | 9.3 | 661 | 84.7 | 8.8 |  | 4519.8 |
| 04 AUG 2003 | 9.2 | 664 | 80.8 | 8.8 |  | 4524.4 |
| 03 SEP 2003 | 9.1 | 672 | 88.7 | 8.8 |  | 4524.7 |
| 01 OCT 2003 | 9.2 | 683 | 88.4 | 9.1 |  | 4525.3 |
| 05 NOV 2003 | 9.3 | 663 | 95.5 | 8.7 |  | 4527.2 |
| 02 DEC 2003 | 9.1 | 664 | 94.5 | 8.7 |  | 4525.1 |

\* Values Exceed Upper Control Limit

4MW-7

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 4  
Well I.D. 4MW-8

COGEMA Mining Inc.  
CHRISTENSEN RANCH  
PERIMETER ORE ZONE MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.1     | 825                  | 116.9                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 08 JAN 2003 | 9.4 | 671 | 106.4 | 8.4 |  | 4494.4 |
| 04 FEB 2003 | 9.7 | 667 | 104.1 | 8.4 |  | 4498.8 |
| 04 MAR 2003 | 9.7 | 674 | 106.5 | 8.6 |  | 4512.8 |
| 09 APR 2003 | 9.2 | 676 | 101.6 | 8.6 |  | 4512.0 |
| 06 MAY 2003 | 9.3 | 682 | 104.6 | 8.7 |  | 4522.4 |
| 03 JUN 2003 | 9.2 | 692 | 94.9  | 8.5 |  | 4523.5 |
| 01 JUL 2003 | 9.1 | 680 | 95.1  | 8.6 |  | 4525.4 |
| 04 AUG 2003 | 9.1 | 680 | 90.1  | 8.5 |  | 4525.3 |
| 03 SEP 2003 | 9.2 | 683 | 95.8  | 8.6 |  | 4525.5 |
| 01 OCT 2003 | 9.1 | 684 | 95.6  | 8.7 |  | 4526.1 |
| 05 NOV 2003 | 9.3 | 678 | 105.2 | 8.6 |  | 4526.7 |
| 02 DEC 2003 | 9.1 | 676 | 102.4 | 8.5 |  | 4526.5 |

\* Values Exceed Upper Control Limit

4MW-8

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 4  
Well I.D. 4MW-9

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.1     | 825                  | 116.9                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 03 JAN 2003 | 9.1 | 666 | 99.7  | 8.3 |  | 4495.1 |
| 04 FEB 2003 | 9.4 | 668 | 100.5 | 8.3 |  | 4500.2 |
| 04 MAR 2003 | 9.2 | 671 | 101.5 | 8.6 |  | 4515.9 |
| 09 APR 2003 | 9.1 | 667 | 99.9  | 8.6 |  | 4515.0 |
| 07 MAY 2003 | 9.4 | 679 | 102.1 | 8.6 |  | 4522.6 |
| 03 JUN 2003 | 9.2 | 688 | 91.9  | 8.5 |  | 4523.2 |
| 01 JUL 2003 | 9.0 | 675 | 90.6  | 8.5 |  | 4524.9 |
| 04 AUG 2003 | 9.2 | 675 | 86.7  | 8.5 |  | 4524.7 |
| 03 SEP 2003 | 8.8 | 676 | 91.5  | 8.6 |  | 4524.7 |
| 01 OCT 2003 | 9.0 | 675 | 91.8  | 8.6 |  | 4525.3 |
| 05 NOV 2003 | 8.9 | 669 | 99.1  | 8.5 |  | 4525.1 |
| 02 DEC 2003 | 9.1 | 669 | 98.2  | 8.5 |  | 4525.8 |

\* Values Exceed Upper Control Limit

4MW-9

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 4  
Well I.D. 4MW-10

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity          | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|---------------------------|----|---------|-----------------------|
| Units                    | mg/l     | μ mho/cm             | mg/l as CaCO <sub>3</sub> |    | mg/l    | msl                   |
| Upper Control Limit      | 11.1     | 825                  | 116.9                     |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 01 JAN 2003 | 9.5 | 673 | 105.8 | 8.4 |  | 4491.7 |
| 04 FEB 2003 | 9.2 | 673 | 103.8 | 8.5 |  | 4501.3 |
| 04 MAR 2003 | 9.5 | 673 | 107.1 | 8.7 |  | 4514.4 |
| 01 APR 2003 | 9.3 | 662 | 101.4 | 8.8 |  | 4519.0 |
| 06 MAY 2003 | 9.2 | 668 | 95.9  | 8.9 |  | 4513.4 |
| 03 JUN 2003 | 9.1 | 682 | 88.2  | 8.7 |  | 4524.0 |
| 01 JUL 2003 | 9.1 | 672 | 89.9  | 8.8 |  | 4525.7 |
| 06 AUG 2003 | 9.3 | 674 | 90.5  | 8.8 |  | 4525.5 |
| 03 SEP 2003 | 9.2 | 676 | 91.0  | 8.8 |  | 4525.7 |
| 01 OCT 2003 | 9.4 | 681 | 92.4  | 8.8 |  | 4526.4 |
| 05 NOV 2003 | 9.3 | 671 | 100.1 | 8.7 |  | 4525.9 |
| 03 DEC 2003 | 9.0 | 672 | 98.3  | 8.7 |  | 4527.1 |

\* Values Exceed Upper Control Limit

4MW-10

Negative U3O8 Grades Indicate Less Than Detection Limit.

**COGEMA Mining Inc.****CHRISTENSEN RANCH**Mine Unit 4  
Well I.D. 4MW-11**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.1     | 825                  | 116.9                   |    |         |                       |

**Date**

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 08 JAN 2003 | 9.4 | 668 | 98.8  | 8.5 |  | 4491.5 |
| 04 FEB 2003 | 9.9 | 657 | 97.0  | 8.4 |  | 4497.2 |
| 04 MAR 2003 | 9.6 | 673 | 100.7 | 8.6 |  | 4517.2 |
| 09 APR 2003 | 9.7 | 669 | 102.8 | 8.7 |  | 4520.0 |
| 07 MAY 2003 | 9.7 | 679 | 100.6 | 8.6 |  | 4523.8 |
| 03 JUN 2003 | 9.5 | 690 | 91.7  | 8.5 |  | 4524.3 |
| 01 JUL 2003 | 9.4 | 678 | 91.1  | 8.5 |  | 4525.9 |
| 04 AUG 2003 | 9.6 | 679 | 87.2  | 8.5 |  | 4525.8 |
| 03 SEP 2003 | 9.4 | 679 | 93.0  | 8.6 |  | 4525.8 |
| 01 OCT 2003 | 9.4 | 680 | 92.2  | 8.6 |  | 4526.5 |
| 05 NOV 2003 | 9.4 | 673 | 98.8  | 8.5 |  | 4534.0 |
| 02 DEC 2003 | 9.4 | 673 | 98.7  | 8.5 |  | 4532.7 |

\* Values Exceed Upper Control Limit

4MW-11

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 4  
Well I.D. 4MW-12

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.1     | 825                  | 116.9                   |    |         |                       |

| Date        |     |     |       |     |        |
|-------------|-----|-----|-------|-----|--------|
| 08 JAN 2003 | 8.9 | 672 | 103.1 | 8.4 | 4491.5 |
| 04 FEB 2003 | 9.2 | 670 | 100.0 | 8.4 | 4505.6 |
| 04 MAR 2003 | 9.4 | 670 | 102.6 | 8.7 | 4514.1 |
| 08 APR 2003 | 9.0 | 658 | 97.9  | 8.8 | 4519.0 |
| 07 MAY 2003 | 9.2 | 676 | 99.1  | 8.8 | 4522.1 |
| 03 JUN 2003 | 9.2 | 680 | 96.5  | 8.7 | 4523.5 |
| 02 JUL 2003 | 9.1 | 667 | 88.4  | 8.8 | 4522.9 |
| 06 AUG 2003 | 9.3 | 668 | 89.4  | 8.8 | 4525.3 |
| 03 SEP 2003 | 9.0 | 666 | 86.8  | 8.9 | 4525.3 |
| 01 OCT 2003 | 8.9 | 672 | 88.5  | 8.9 | 4526.1 |
| 05 NOV 2003 | 8.8 | 661 | 91.3  | 8.8 | 4526.1 |
| 02 DEC 2003 | 9.1 | 674 | 100.2 | 8.7 | 4527.7 |

\* Values Exceed Upper Control Limit

4MW-12

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 4  
Well I.D. 4MW-13

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.1     | 825                  | 116.9                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 08 JAN 2003 | 9.7  | 669 | 100.2 | 8.4 |  | 4488.3 |
| 04 FEB 2003 | 10.2 | 661 | 96.9  | 8.2 |  | 4504.1 |
| 04 MAR 2003 | 9.9  | 674 | 102.7 | 8.6 |  | 4516.9 |
| 09 APR 2003 | 9.5  | 671 | 101.3 | 8.7 |  | 4520.0 |
| 07 MAY 2003 | 9.7  | 685 | 102.4 | 8.5 |  | 4524.1 |
| 03 JUN 2003 | 9.8  | 693 | 95.9  | 8.4 |  | 4525.3 |
| 01 JUL 2003 | 9.3  | 681 | 92.4  | 8.5 |  | 4525.9 |
| 06 AUG 2003 | 9.5  | 681 | 93.7  | 8.5 |  | 4526.2 |
| 03 SEP 2003 | 9.2  | 682 | 93.0  | 8.6 |  | 4526.2 |
| 01 OCT 2003 | 9.3  | 680 | 92.5  | 8.6 |  | 4526.7 |
| 05 NOV 2003 | 9.1  | 677 | 97.8  | 8.5 |  | 4528.3 |
| 02 DEC 2003 | 9.5  | 674 | 101.3 | 8.4 |  | 4528.7 |

\* Values Exceed Upper Control Limit

4MW-13

Negative U308 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## PERIMETER ORE ZONE MONITOR WELL

2003

Mine Unit 4  
Well I.D. 4MW-14

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.1     | 825                  | 116.9                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 08 JAN 2003 | 9.2 | 663 | 115.9 | 8.4 |  | 4493.0 |
| 04 FEB 2003 | 9.0 | 670 | 112.8 | 8.4 |  | 4510.3 |
| 04 MAR 2003 | 8.9 | 672 | 111.8 | 8.7 |  | 4513.7 |
| 08 APR 2003 | 9.2 | 656 | 113.8 | 8.6 |  | 4519.0 |
| 06 MAY 2003 | 9.2 | 675 | 113.5 | 8.6 |  | 4522.3 |
| 03 JUN 2003 | 8.8 | 682 | 105.5 | 8.5 |  | 4523.6 |
| 02 JUL 2003 | 9.1 | 670 | 105.0 | 8.5 |  | 4524.2 |
| 06 AUG 2003 | 9.2 | 670 | 103.8 | 8.6 |  | 4525.6 |
| 03 SEP 2003 | 8.9 | 670 | 102.4 | 8.6 |  | 4525.6 |
| 01 OCT 2003 | 9.0 | 673 | 103.0 | 8.6 |  | 4526.0 |
| 05 NOV 2003 | 9.0 | 666 | 112.6 | 8.5 |  | 4526.7 |
| 03 DEC 2003 | 8.9 | 666 | 110.6 | 8.4 |  | 4528.1 |

\* Values Exceed Upper Control Limit

4MW-14

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 4  
Well I.D. 4MW-15

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.1     | 825                  | 116.9                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 01 JAN 2003 | 9.7  | 671 | 101.9 | 8.4 |  | 4487.0 |
| 04 FEB 2003 | 9.6  | 670 | 99.0  | 8.5 |  | 4505.2 |
| 04 MAR 2003 | 10.4 | 673 | 108.1 | 8.7 |  | 4512.8 |
| 08 APR 2003 | 9.7  | 662 | 102.5 | 8.6 |  | 4519.0 |
| 07 MAY 2003 | 9.8  | 685 | 101.7 | 8.6 |  | 4523.0 |
| 03 JUN 2003 | 9.5  | 692 | 94.5  | 8.5 |  | 4523.6 |
| 01 JUL 2003 | 9.4  | 680 | 91.7  | 8.5 |  | 4524.1 |
| 06 AUG 2003 | 9.5  | 680 | 92.7  | 8.6 |  | 4524.3 |
| 03 SEP 2003 | 9.3  | 681 | 91.3  | 8.6 |  | 4525.3 |
| 01 OCT 2003 | 9.4  | 681 | 92.8  | 8.6 |  | 4526.0 |
| 05 NOV 2003 | 9.4  | 676 | 100.2 | 8.5 |  | 4525.5 |
| 02 DEC 2003 | 9.4  | 674 | 98.0  | 8.5 |  | 4528.4 |

\* Values Exceed Upper Control Limit

4MW-15

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## PERIMETER ORE ZONE MONITOR WELL

Mine Unit 4

Well I.D. 4MW-16

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.1     | 825                  | 116.9                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 08 JAN 2003 | 9.1 | 670 | 107.2 | 8.3 |  | 4489.1 |
| 04 FEB 2003 | 9.0 | 674 | 106.8 | 8.4 |  | 4512.7 |
| 04 MAR 2003 | 8.8 | 673 | 105.6 | 8.6 |  | 4511.1 |
| 08 APR 2003 | 8.9 | 663 | 104.2 | 8.6 |  | 4519.0 |
| 06 MAY 2003 | 8.6 | 683 | 105.0 | 8.6 |  | 4521.5 |
| 03 JUN 2003 | 8.7 | 691 | 95.9  | 8.5 |  | 4523.0 |
| 02 JUL 2003 | 8.8 | 676 | 97.5  | 8.6 |  | 4523.6 |
| 06 AUG 2003 | 8.9 | 678 | 96.6  | 8.6 |  | 4524.9 |
| 03 SEP 2003 | 8.7 | 678 | 96.9  | 8.6 |  | 4524.8 |
| 01 OCT 2003 | 8.9 | 681 | 98.0  | 8.6 |  | 4525.7 |
| 05 NOV 2003 | 8.7 | 674 | 104.5 | 8.5 |  | 4526.7 |
| 03 DEC 2003 | 9.1 | 673 | 109.0 | 8.5 |  | 4530.0 |

\* Values Exceed Upper Control Limit

4MW-16

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## PERIMETER ORE ZONE MONITOR WELL

Mine Unit 4  
Well I.D. 4MW-17

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.1     | 825                  | 116.9                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 08 JAN 2003 | 9.8 | 670 | 102.4 | 8.4 |  | 4489.1 |
| 04 FEB 2003 | 9.8 | 669 | 98.9  | 8.4 |  | 4508.6 |
| 04 MAR 2003 | 9.6 | 670 | 98.8  | 8.6 |  | 4504.7 |
| 08 APR 2003 | 9.6 | 666 | 102.0 | 8.6 |  | 4519.0 |
| 07 MAY 2003 | 9.9 | 687 | 103.8 | 8.5 |  | 4523.4 |
| 03 JUN 2003 | 9.3 | 693 | 96.0  | 8.5 |  | 4524.2 |
| 01 JUL 2003 | 9.4 | 682 | 93.6  | 8.5 |  | 4524.6 |
| 06 AUG 2003 | 9.9 | 682 | 94.3  | 8.5 |  | 4525.9 |
| 03 SEP 2003 | 9.4 | 683 | 94.0  | 8.6 |  | 4525.9 |
| 01 OCT 2003 | 9.4 | 682 | 94.0  | 8.6 |  | 4526.6 |
| 05 NOV 2003 | 9.5 | 679 | 102.0 | 8.5 |  | 4527.8 |
| 02 DEC 2003 | 9.1 | 676 | 97.0  | 8.5 |  | 4529.6 |

\* Values Exceed Upper Control Limit

4MW-17

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 4  
Well I.D. 4MW-18

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.1     | 825                  | 116.9                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 08 JAN 2003 | 9.4 | 676 | 104.2 | 8.4 |  | 4499.9 |
| 04 FEB 2003 | 9.5 | 679 | 104.3 | 8.4 |  | 4516.1 |
| 04 MAR 2003 | 9.5 | 679 | 104.4 | 8.6 |  | 4508.8 |
| 08 APR 2003 | 9.6 | 671 | 105.2 | 8.6 |  | 4519.0 |
| 07 MAY 2003 | 9.6 | 687 | 104.5 | 8.5 |  | 4521.4 |
| 03 JUN 2003 | 9.3 | 696 | 97.0  | 8.5 |  | 4522.9 |
| 02 JUL 2003 | 9.1 | 681 | 95.7  | 8.5 |  | 4523.5 |
| 06 AUG 2003 | 9.1 | 683 | 94.9  | 8.6 |  | 4524.9 |
| 03 SEP 2003 | 8.9 | 683 | 94.3  | 8.6 |  | 4524.7 |
| 30 SEP 2003 | 9.5 | 690 | 99.7  | 8.7 |  | 4524.7 |
| 05 NOV 2003 | 9.1 | 678 | 103.9 | 8.5 |  | 4526.7 |
| 03 DEC 2003 | 9.1 | 677 | 103.2 | 8.5 |  | 4530.4 |

\* Values Exceed Upper Control Limit

4MW-18

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## PERIMETER ORE ZONE MONITOR WELL

Mine Unit 4  
Well I.D. 4MW-19

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.1     | 825                  | 116.9                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 08 JAN 2003 | 9.5  | 673 | 103.1 | 8.4 |  | 4493.2 |
| 04 FEB 2003 | 10.0 | 669 | 101.4 | 8.4 |  | 4510.4 |
| 04 MAR 2003 | 9.7  | 677 | 104.1 | 8.6 |  | 4505.0 |
| 08 APR 2003 | 9.8  | 668 | 103.6 | 8.5 |  | 4520.0 |
| 07 MAY 2003 | 9.7  | 686 | 102.9 | 8.5 |  | 4523.4 |
| 03 JUN 2003 | 9.3  | 694 | 93.4  | 8.5 |  | 4524.1 |
| 02 JUL 2003 | 9.4  | 682 | 93.8  | 8.5 |  | 4526.1 |
| 06 AUG 2003 | 9.7  | 683 | 95.7  | 8.5 |  | 4525.8 |
| 03 SEP 2003 | 9.4  | 685 | 94.5  | 8.5 |  | 4525.8 |
| 01 OCT 2003 | 9.7  | 684 | 96.2  | 8.5 |  | 4526.4 |
| 05 NOV 2003 | 9.4  | 678 | 101.3 | 8.4 |  | 4527.3 |
| 03 DEC 2003 | 9.2  | 678 | 101.4 | 8.4 |  | 4529.7 |

\* Values Exceed Upper Control Limit

4MW-19

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 4  
Well I.D. 4MW-20

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.1     | 825                  | 116.9                   |    |         |                       |

| Date        |     |     |       |     |        |
|-------------|-----|-----|-------|-----|--------|
| 08 JAN 2003 | 9.0 | 671 | 107.1 | 8.4 | 4511.5 |
| 04 FEB 2003 | 8.9 | 680 | 107.1 | 8.3 | 4516.8 |
| 04 MAR 2003 | 8.8 | 680 | 106.8 | 8.6 | 4514.0 |
| 08 APR 2003 | 9.0 | 671 | 107.9 | 8.5 | 4518.0 |
| 07 MAY 2003 | 9.3 | 689 | 107.3 | 8.5 | 4518.3 |
| 03 JUN 2003 | 8.8 | 699 | 99.0  | 8.5 | 4520.5 |
| 02 JUL 2003 | 8.8 | 688 | 97.4  | 8.5 | 4522.8 |
| 06 AUG 2003 | 9.0 | 686 | 97.7  | 8.5 | 4522.4 |
| 03 SEP 2003 | 8.9 | 684 | 97.4  | 8.6 | 4522.1 |
| 30 SEP 2003 | 8.9 | 690 | 98.5  | 8.6 | 4524.5 |
| 05 NOV 2003 | 9.0 | 681 | 106.7 | 8.5 | 4525.5 |
| 03 DEC 2003 | 8.8 | 681 | 107.1 | 8.4 | 4530.6 |

\* Values Exceed Upper Control Limit

4MW-20

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## PERIMETER ORE ZONE MONITOR WELL

Mine Unit 4  
Well I.D. 4MW-21

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.1     | 825                  | 116.9                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 08 JAN 2003 | 9.8  | 668 | 104.6 | 8.3 |  | 4502.7 |
| 04 FEB 2003 | 9.7  | 668 | 100.9 | 8.3 |  | 4514.0 |
| 04 MAR 2003 | 9.6  | 671 | 102.7 | 8.5 |  | 4510.8 |
| 08 APR 2003 | 9.7  | 663 | 103.0 | 8.5 |  | 4520.0 |
| 07 MAY 2003 | 9.7  | 682 | 102.8 | 8.4 |  | 4523.4 |
| 03 JUN 2003 | 9.3  | 690 | 99.2  | 8.4 |  | 4522.3 |
| 02 JUL 2003 | 9.5  | 677 | 93.7  | 8.4 |  | 4524.6 |
| 06 AUG 2003 | 9.4  | 678 | 93.2  | 8.4 |  | 4526.1 |
| 03 SEP 2003 | 9.4  | 679 | 93.9  | 8.5 |  | 4525.8 |
| 20 OCT 2003 | 11.3 | 674 | 97.3  | 8.5 |  | 4526.5 |
| 05 NOV 2003 | 9.7  | 673 | 101.2 | 8.4 |  | 4528.4 |
| 03 DEC 2003 | 9.5  | 671 | 101.7 | 8.3 |  | 4530.3 |

\* Values Exceed Upper Control Limit

4MW-21

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 4  
Well I.D. 4MW-22

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.1     | 825                  | 116.9                   |    |         |                       |

| Date        |     |     |       |     |        |
|-------------|-----|-----|-------|-----|--------|
| 01 JAN 2003 | 9.5 | 678 | 108.3 | 8.3 | 4512.8 |
| 04 FEB 2003 | 9.5 | 678 | 108.9 | 8.4 | 4517.9 |
| 04 MAR 2003 | 9.5 | 680 | 106.1 | 8.6 | 4515.1 |
| 08 APR 2003 | 9.3 | 672 | 104.1 | 8.5 | 4519.0 |
| 07 MAY 2003 | 9.9 | 691 | 107.4 | 8.5 | 4518.6 |
| 03 JUN 2003 | 9.8 | 700 | 101.2 | 8.5 | 4521.5 |
| 02 JUL 2003 | 9.3 | 686 | 95.4  | 8.5 | 4522.1 |
| 06 AUG 2003 | 9.6 | 688 | 97.6  | 8.5 | 4523.5 |
| 03 SEP 2003 | 9.4 | 687 | 96.3  | 8.6 | 4523.2 |
| 30 SEP 2003 | 9.5 | 691 | 97.3  | 8.6 | 4524.0 |
| 05 NOV 2003 | 9.4 | 684 | 103.8 | 8.4 | 4526.6 |
| 03 DEC 2003 | 9.1 | 679 | 104.0 | 8.4 | 4531.5 |

\* Values Exceed Upper Control Limit

4MW-22

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## PERIMETER ORE ZONE MONITOR WELL

Mine Unit 4  
Well I.D. 4MW-23

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.1     | 825                  | 116.9                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 08 JAN 2003 | 9.5 | 674 | 104.7 | 8.2 |  | 4509.0 |
| 04 FEB 2003 | 9.7 | 677 | 104.7 | 8.3 |  | 4516.9 |
| 04 MAR 2003 | 9.3 | 677 | 102.2 | 8.5 |  | 4516.0 |
| 08 APR 2003 | 9.8 | 668 | 105.0 | 8.5 |  | 4522.0 |
| 06 MAY 2003 | 9.6 | 688 | 103.3 | 8.5 |  | 4524.4 |
| 03 JUN 2003 | 9.2 | 698 | 94.2  | 8.4 |  | 4525.2 |
| 02 JUL 2003 | 9.2 | 687 | 93.5  | 8.4 |  | 4525.7 |
| 06 AUG 2003 | 9.5 | 684 | 93.9  | 8.4 |  | 4527.2 |
| 03 SEP 2003 | 9.3 | 683 | 93.9  | 8.5 |  | 4527.4 |
| 01 OCT 2003 | 9.4 | 683 | 94.9  | 8.5 |  | 4527.7 |
| 05 NOV 2003 | 9.6 | 679 | 104.0 | 8.4 |  | 4530.5 |
| 03 DEC 2003 | 9.2 | 680 | 102.8 | 8.3 |  | 4532.1 |

\* Values Exceed Upper Control Limit

4MW-23

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 4  
Well I.D. 4MW-24

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.1     | 825                  | 116.9                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 08 JAN 2003 | 9.5 | 675 | 105.7 | 8.3 |  | 4513.9 |
| 04 FEB 2003 | 9.4 | 676 | 103.5 | 8.3 |  | 4519.4 |
| 04 MAR 2003 | 9.3 | 678 | 102.4 | 8.5 |  | 4517.4 |
| 08 APR 2003 | 9.6 | 687 | 104.6 | 8.5 |  | 4522.0 |
| 06 MAY 2003 | 9.3 | 706 | 102.4 | 8.5 |  | 4522.5 |
| 03 JUN 2003 | 9.2 | 712 | 92.8  | 8.4 |  | 4523.5 |
| 02 JUL 2003 | 9.4 | 691 | 94.9  | 8.5 |  | 4527.0 |
| 06 AUG 2003 | 9.3 | 700 | 91.6  | 8.4 |  | 4525.8 |
| 03 SEP 2003 | 9.2 | 696 | 94.0  | 8.6 |  | 4525.5 |
| 30 SEP 2003 | 9.2 | 701 | 92.7  | 8.5 |  | 4526.3 |
| 05 NOV 2003 | 9.2 | 695 | 101.8 | 8.4 |  | 4528.6 |
| 03 DEC 2003 | 9.2 | 694 | 101.5 | 8.3 |  | 4532.8 |

\* Values Exceed Upper Control Limit

4MW-24

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## PERIMETER ORE ZONE MONITOR WELL

Mine Unit 4  
Well I.D. 4MW-25

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 11.1     | 825                  | 116.9                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 08 JAN 2003 | 9.4 | 676 | 104.5 | 8.3 |  | 4514.9 |
| 04 FEB 2003 | 9.4 | 681 | 104.2 | 8.3 |  | 4519.1 |
| 04 MAR 2003 | 9.4 | 680 | 105.1 | 8.5 |  | 4518.1 |
| 08 APR 2003 | 9.5 | 672 | 103.7 | 8.5 |  | 4523.0 |
| 06 MAY 2003 | 9.5 | 691 | 104.1 | 8.4 |  | 4524.1 |
| 03 JUN 2003 | 9.2 | 698 | 94.4  | 8.4 |  | 4524.7 |
| 02 JUL 2003 | 9.8 | 681 | 97.3  | 8.5 |  | 4527.3 |
| 06 AUG 2003 | 9.4 | 683 | 93.9  | 8.5 |  | 4526.9 |
| 03 SEP 2003 | 9.6 | 683 | 94.9  | 8.5 |  | 4526.8 |
| 30 SEP 2003 | 9.4 | 686 | 94.0  | 8.5 |  | 4528.5 |
| 05 NOV 2003 | 9.2 | 680 | 100.9 | 8.4 |  | 4529.3 |
| 03 DEC 2003 | 9.2 | 679 | 101.7 | 8.3 |  | 4532.8 |

\* Values Exceed Upper Control Limit

4MW-25

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## PERIMETER ORE ZONE MONITOR WELL

2003

Mine Unit 5  
Well I.D. 5MW1

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

| Date        |     |        |       |     |  |        |
|-------------|-----|--------|-------|-----|--|--------|
| 21 JAN 2003 | 8.7 | 777    | 105.8 | 8.2 |  | 4540.0 |
| 18 FEB 2003 | 7.9 | 849    | 99.4  | 8.3 |  | 4546.1 |
| 18 MAR 2003 | 7.6 | 886    | 96.0  | 8.3 |  | 4543.0 |
| 22 APR 2003 | 7.3 | 911    | 93.3  | 8.4 |  | 4542.8 |
| 19 MAY 2003 | 7.5 | 994    | 87.3  | 8.3 |  | 4548.7 |
| 17 JUN 2003 | 7.0 | 1015 * | 85.2  | 8.4 |  | 4542.5 |
| 21 JUL 2003 | 7.3 | 1052 * | 87.0  | 8.2 |  | 4545.7 |
| 18 AUG 2003 | 7.1 | 1066 * | 85.8  | 8.3 |  | 4549.6 |
| 15 SEP 2003 | 7.1 | 1084 * | 85.1  | 8.3 |  | 4546.6 |
| 20 OCT 2003 | 7.4 | 1082 * | 94.6  | 8.1 |  | 4550.0 |
| 17 NOV 2003 | 7.2 | 1036 * | 93.4  | 8.3 |  | 4549.2 |
| 15 DEC 2003 | 8.3 | 819    | 102.1 | 8.3 |  | 4561.7 |

\* Values Exceed Upper Control Limit

5MW1

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## PERIMETER ORE ZONE MONITOR WELL

Mine Unit 5  
Well I.D. 5MW2

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

## Date

|             |     |      |       |     |  |        |
|-------------|-----|------|-------|-----|--|--------|
| 20 JAN 2003 | 8.2 | 1119 | 106.6 | 8.2 |  | 4533.4 |
| 18 FEB 2003 | 7.8 | 1071 | 99.6  | 8.3 |  | 4533.6 |
| 18 MAR 2003 | 8.2 | 1133 | 103.4 | 8.2 |  | 4527.0 |
| 22 APR 2003 | 8.2 | 1182 | 104.7 | 8.3 |  | 4525.3 |
| 19 MAY 2003 | 7.9 | 1291 | 97.8  | 8.1 |  | 4533.8 |
| 17 JUN 2003 | 7.8 | 1276 | 98.1  | 8.3 |  | 4532.0 |
| 21 JUL 2003 | 7.8 | 1321 | 98.8  | 8.2 |  | 4530.5 |
| 19 AUG 2003 | 8.0 | 1226 | 99.9  | 8.2 |  | 4530.5 |
| 15 SEP 2003 | 7.6 | 1209 | 93.2  | 8.2 |  | 4530.4 |
| 20 OCT 2003 | 7.6 | 1341 | 100.2 | 8.1 |  | 4535.8 |
| 17 NOV 2003 | 7.7 | 1165 | 102.8 | 8.3 |  | 4539.8 |
| 15 DEC 2003 | 8.2 | 1170 | 107.1 | 8.2 |  | 4555.1 |

\* Values Exceed Upper Control Limit

5MW2

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW3

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 21 JAN 2003 | 8.7 | 738 | 108.7 | 8.2 |  | 4566.9 |
| 18 FEB 2003 | 8.3 | 738 | 103.6 | 8.3 |  | 4546.6 |
| 18 MAR 2003 | 8.1 | 835 | 102.4 | 8.2 |  | 4543.0 |
| 22 APR 2003 | 7.2 | 873 | 95.8  | 8.3 |  | 4540.8 |
| 19 MAY 2003 | 7.6 | 857 | 91.6  | 8.2 |  | 4550.1 |
| 17 JUN 2003 | 7.0 | 900 | 87.0  | 8.3 |  | 4543.9 |
| 21 JUL 2003 | 7.8 | 830 | 93.1  | 8.2 |  | 4547.5 |
| 18 AUG 2003 | 6.8 | 915 | 87.5  | 8.2 |  | 4547.9 |
| 15 SEP 2003 | 7.5 | 830 | 90.6  | 8.3 |  | 4548.2 |
| 20 OCT 2003 | 6.6 | 899 | 91.3  | 8.1 |  | 4553.2 |
| 17 NOV 2003 | 7.7 | 774 | 98.8  | 8.3 |  | 4551.4 |
| 15 DEC 2003 | 8.1 | 759 | 102.0 | 8.3 |  | 4561.6 |

\* Values Exceed Upper Control Limit

5MW3

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW4

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

## Date

|             |      |      |       |     |  |        |
|-------------|------|------|-------|-----|--|--------|
| 20 JAN 2003 | 9.8  | 866  | 115.2 | 8.3 |  | 4535.9 |
| 18 FEB 2003 | 9.3  | 955  | 111.5 | 8.4 |  | 4539.8 |
| 18 MAR 2003 | 10.4 | 963  | 116.9 | 8.3 |  | 4535.0 |
| 22 APR 2003 | 10.1 | 948  | 115.8 | 8.3 |  | 4534.0 |
| 19 MAY 2003 | 9.8  | 951  | 107.0 | 8.4 |  | 4541.2 |
| 17 JUN 2003 | 9.3  | 946  | 104.1 | 8.4 |  | 4537.8 |
| 21 JUL 2003 | 9.3  | 943  | 105.1 | 8.4 |  | 4536.6 |
| 19 AUG 2003 | 9.3  | 956  | 105.6 | 8.3 |  | 4537.9 |
| 15 SEP 2003 | 9.2  | 878  | 104.1 | 8.5 |  | 4537.5 |
| 20 OCT 2003 | 9.4  | 1053 | 105.6 | 8.3 |  | 4543.9 |
| 17 NOV 2003 | 9.7  | 999  | 114.6 | 8.3 |  | 4544.8 |
| 15 DEC 2003 | 9.5  | 962  | 114.1 | 8.3 |  | 4558.1 |

\* Values Exceed Upper Control Limit

5MW4

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW5

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 21 JAN 2003 | 8.2 | 759 | 103.7 | 8.3 |  | 4539.6 |
| 18 FEB 2003 | 8.0 | 761 | 102.4 | 8.2 |  | 4545.5 |
| 18 MAR 2003 | 8.3 | 779 | 104.0 | 8.3 |  | 4543.0 |
| 22 APR 2003 | 7.8 | 818 | 100.2 | 8.3 |  | 4542.1 |
| 19 MAY 2003 | 8.1 | 785 | 93.3  | 8.3 |  | 4550.0 |
| 17 JUN 2003 | 7.8 | 803 | 92.0  | 8.4 |  | 4544.4 |
| 21 JUL 2003 | 8.0 | 770 | 94.6  | 8.3 |  | 4548.5 |
| 18 AUG 2003 | 7.8 | 786 | 92.7  | 8.4 |  | 4548.5 |
| 15 SEP 2003 | 8.1 | 770 | 95.0  | 8.4 |  | 4549.5 |
| 20 OCT 2003 | 7.5 | 799 | 98.0  | 8.2 |  | 4555.4 |
| 17 NOV 2003 | 6.7 | 911 | 92.2  | 8.3 |  | 4549.9 |
| 15 DEC 2003 | 6.9 | 939 | 91.6  | 8.2 |  | 4558.9 |

\* Values Exceed Upper Control Limit

5MW5

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW6

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 20 JAN 2003 | 9.8 | 673 | 118.9 | 8.5 |  | 4535.2 |
| 18 FEB 2003 | 9.8 | 651 | 120.7 | 8.6 |  | 4540.5 |
| 18 MAR 2003 | 9.3 | 829 | 115.3 | 8.3 |  | 4537.0 |
| 22 APR 2003 | 9.0 | 879 | 112.8 | 8.4 |  | 4535.7 |
| 19 MAY 2003 | 9.1 | 789 | 104.5 | 8.5 |  | 4542.4 |
| 17 JUN 2003 | 9.0 | 759 | 96.2  | 8.2 |  | 4538.3 |
| 21 JUL 2003 | 9.1 | 728 | 107.1 | 8.5 |  | 4538.3 |
| 19 AUG 2003 | 9.3 | 768 | 108.8 | 8.4 |  | 4537.8 |
| 15 SEP 2003 | 9.4 | 699 | 108.0 | 8.5 |  | 4538.4 |
| 20 OCT 2003 | 8.9 | 889 | 104.5 | 8.3 |  | 4546.1 |
| 17 NOV 2003 | 8.7 | 902 | 109.2 | 8.4 |  | 4545.6 |
| 15 DEC 2003 | 9.0 | 917 | 109.7 | 8.3 |  | 4558.0 |

\* Values Exceed Upper Control Limit

5MW6

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW7

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

| Date        |     |     |       |     |        |
|-------------|-----|-----|-------|-----|--------|
| 22 JAN 2003 | 7.9 | 848 | 98.2  | 8.2 | 4538.3 |
| 18 FEB 2003 | 7.5 | 857 | 95.8  | 8.3 | 4543.9 |
| 18 MAR 2003 | 7.6 | 879 | 98.2  | 8.3 | 4543.0 |
| 22 APR 2003 | 7.4 | 876 | 100.7 | 8.4 | 4543.0 |
| 19 MAY 2003 | 7.0 | 905 | 101.7 | 8.4 | 4548.9 |
| 17 JUN 2003 | 6.9 | 903 | 89.4  | 8.4 | 4543.8 |
| 21 JUL 2003 | 7.0 | 913 | 89.5  | 8.3 | 4548.4 |
| 18 AUG 2003 | 6.8 | 909 | 88.2  | 8.4 | 4548.7 |
| 15 SEP 2003 | 6.9 | 913 | 87.0  | 8.4 | 4549.6 |
| 20 OCT 2003 | 6.8 | 918 | 93.9  | 8.2 | 4553.9 |
| 17 NOV 2003 | 6.4 | 953 | 91.9  | 8.4 | 4548.1 |
| 15 DEC 2003 | 6.8 | 927 | 91.3  | 8.2 | 4556.9 |

\* Values Exceed Upper Control Limit

5MW7

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## PERIMETER ORE ZONE MONITOR WELL

2003

Mine Unit 5  
Well I.D. 5MW8

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 23       | 1423                 | 122.5                   |    |         |                       |

## Date

|             |      |   |      |   |       |   |     |        |
|-------------|------|---|------|---|-------|---|-----|--------|
| 06 JAN 2003 | 49.4 | * | 1677 | * | 479.6 | * | 7.6 | 4530.5 |
| 13 JAN 2003 | 49.0 | * | 1657 | * | 479.6 | * | 7.5 | 4533.9 |
| 20 JAN 2003 | 44.0 | * | 1545 | * | 412.2 | * | 7.5 | 4534.0 |
| 27 JAN 2003 | 42.4 | * | 1421 | * | 382.8 | * | 7.5 | 4534.0 |
| 03 FEB 2003 | 35.4 | * | 1348 | * | 302.8 | * | 7.5 | 4536.1 |
| 10 FEB 2003 | 34.6 | * | 1223 | * | 294.6 | * | 7.6 | 4535.6 |
| 18 FEB 2003 | 40.6 | * | 1351 | * | 339.2 | * | 7.8 | 4542.0 |
| 24 FEB 2003 | 42.2 | * | 1349 | * | 344.0 | * | 7.7 | 4542.5 |
| 04 MAR 2003 | 38.4 | * | 1307 | * | 307.8 | * | 7.6 | 4541.7 |
| 12 MAR 2003 | 39.6 | * | 1308 | * | 319.2 | * | 7.6 | 4541.1 |
| 18 MAR 2003 | 37.4 | * | 1310 | * | 304.2 | * | 7.7 | 4540.0 |
| 25 MAR 2003 | 37.8 | * | 1341 | * | 309.0 | * | 7.6 | 4540.0 |
| 01 APR 2003 | 34.4 | * | 1280 | * | 289.6 | * | 7.7 | 4536.0 |
| 09 APR 2003 | 33.6 | * | 1245 | * | 270.2 | * | 7.7 | 4539.0 |
| 14 APR 2003 | 31.4 | * | 1221 | * | 267.6 | * | 7.8 | 4535.0 |
| 22 APR 2003 | 32.4 | * | 1228 | * | 283.7 | * | 7.9 | 4538.3 |
| 29 APR 2003 | 30.3 | * | 1186 | * | 264.7 | * | 7.8 | 4533.4 |
| 06 MAY 2003 | 29.8 | * | 1184 | * | 257.9 | * | 7.7 | 4541.6 |
| 12 MAY 2003 | 29.5 | * | 1212 | * | 250.8 | * | 7.7 | 4543.6 |
| 19 MAY 2003 | 27.9 | * | 1144 | * | 237.9 | * | 7.9 | 4544.2 |
| 27 MAY 2003 | 26.1 | * | 1137 | * | 229.9 | * | 7.7 | 4541.2 |
| 02 JUN 2003 | 25.7 | * | 1123 | * | 223.6 | * | 7.7 | 4541.1 |
| 10 JUN 2003 | 25.5 | * | 1089 | * | 204.1 | * | 7.8 | 4540.9 |
| 17 JUN 2003 | 23.3 | * | 1055 | * | 208.1 | * | 8.0 | 4539.9 |
| 26 JUN 2003 | 23.2 | * | 1037 | * | 201.1 | * | 7.8 | 4540.8 |
| 02 JUL 2003 | 22.1 | * | 1019 | * | 194.6 | * | 7.8 | 4542.0 |
| 07 JUL 2003 | 21.9 | * | 1006 | * | 191.1 | * | 7.9 | 4542.1 |
| 16 JUL 2003 | 20.6 | * | 989  | * | 176.5 | * | 8.0 | 4540.9 |
| 21 JUL 2003 | 20.1 | * | 976  | * | 176.6 | * | 7.9 | 4540.1 |
| 19 AUG 2003 | 18.0 | * | 921  | * | 166.2 | * | 8.0 | 4540.8 |
| 15 SEP 2003 | 18.6 | * | 885  | * | 154.8 | * | 8.1 | 4540.3 |
| 20 OCT 2003 | 15.6 | * | 838  | * | 149.6 | * | 8.0 | 4548.4 |
| 17 NOV 2003 | 15.6 | * | 843  | * | 159.0 | * | 8.1 | 4546.5 |
| 15 DEC 2003 | 16.1 | * | 896  | * | 173.1 | * | 8.0 | 4557.8 |

\* Values Exceed Upper Control Limit

5MW8

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW10

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity          | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|---------------------------|----|---------|-----------------------|
| Units                    | mg/l     | μ mho/cm             | mg/l as CaCO <sub>3</sub> |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                     |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 23 JAN 2003 | 9.9  | 762 | 121.1 | 8.2 |  | 4535.7 |
| 18 FEB 2003 | 9.6  | 739 | 118.6 | 8.3 |  | 4542.7 |
| 18 MAR 2003 | 10.2 | 763 | 120.7 | 8.3 |  | 4541.0 |
| 22 APR 2003 | 11.1 | 774 | 130.9 | 8.4 |  | 4539.4 |
| 19 MAY 2003 | 11.5 | 765 | 113.4 | 8.4 |  | 4545.6 |
| 17 JUN 2003 | 9.8  | 760 | 112.3 | 8.5 |  | 4542.0 |
| 21 JUL 2003 | 9.3  | 748 | 108.0 | 8.5 |  | 4542.4 |
| 19 AUG 2003 | 9.2  | 747 | 107.0 | 8.4 |  | 4543.1 |
| 15 SEP 2003 | 8.9  | 740 | 105.3 | 8.5 |  | 4543.2 |
| 20 OCT 2003 | 9.8  | 754 | 113.0 | 8.4 |  | 4549.2 |
| 17 NOV 2003 | 9.3  | 736 | 116.7 | 8.4 |  | 4545.5 |
| 15 DEC 2003 | 10.4 | 774 | 127.6 | 8.4 |  | 4557.9 |

\* Values Exceed Upper Control Limit

5MW10

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## PERIMETER ORE ZONE MONITOR WELL

Mine Unit 5  
Well I.D. 5MW12

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.8     | 1725                 | 145.4                   |    |         |                       |

| Date        |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 21 JAN 2003 | 9.1 | 842 | 115.0 | 8.1 |  | 4532.8 |
| 18 FEB 2003 | 8.8 | 826 | 108.6 | 8.3 |  | 4537.6 |
| 18 MAR 2003 | 8.7 | 815 | 107.2 | 8.2 |  | 4536.0 |
| 22 APR 2003 | 8.9 | 793 | 106.7 | 8.3 |  | 4534.2 |
| 19 MAY 2003 | 8.9 | 954 | 109.8 | 8.2 |  | 4541.2 |
| 17 JUN 2003 | 8.5 | 804 | 97.5  | 8.3 |  | 4538.6 |
| 21 JUL 2003 | 8.7 | 973 | 107.8 | 8.2 |  | 4539.5 |
| 19 AUG 2003 | 8.6 | 790 | 98.5  | 8.3 |  | 4539.7 |
| 15 SEP 2003 | 8.5 | 791 | 97.8  | 8.3 |  | 4540.4 |
| 20 OCT 2003 | 8.6 | 810 | 98.6  | 8.2 |  | 4544.0 |
| 17 NOV 2003 | 9.0 | 899 | 111.6 | 8.2 |  | 4540.0 |
| 15 DEC 2003 | 9.1 | 866 | 112.9 | 8.2 |  | 4552.5 |

\* Values Exceed Upper Control Limit

5MW12

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW14

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 21 JAN 2003 | 9.2 | 679 | 118.7 | 8.4 |  | 4535.1 |
| 18 FEB 2003 | 9.5 | 685 | 120.7 | 8.5 |  | 4538.0 |
| 18 MAR 2003 | 9.4 | 693 | 114.9 | 8.4 |  | 4537.0 |
| 22 APR 2003 | 8.7 | 685 | 109.5 | 8.5 |  | 4535.5 |
| 19 MAY 2003 | 9.0 | 702 | 104.2 | 8.5 |  | 4542.3 |
| 17 JUN 2003 | 9.0 | 695 | 104.8 | 8.5 |  | 4540.6 |
| 21 JUL 2003 | 8.7 | 699 | 103.5 | 8.5 |  | 4542.3 |
| 19 AUG 2003 | 8.7 | 707 | 102.6 | 8.4 |  | 4541.9 |
| 15 SEP 2003 | 8.7 | 700 | 102.9 | 8.4 |  | 4542.8 |
| 20 OCT 2003 | 8.9 | 696 | 103.8 | 8.4 |  | 4545.2 |
| 17 NOV 2003 | 9.9 | 838 | 119.5 | 8.2 |  | 4541.7 |
| 15 DEC 2003 | 8.9 | 733 | 113.9 | 8.4 |  | 4551.7 |

\* Values Exceed Upper Control Limit

5MW14

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

CHRISTENSEN RANCH

Mine Unit 5  
Well I.D. 5MW16

PERIMETER ORE ZONE MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 21 JAN 2003 | 8.4 | 715 | 105.7 | 8.3 |  | 4533.7 |
| 18 FEB 2003 | 8.6 | 729 | 109.4 | 8.4 |  | 4538.4 |
| 18 MAR 2003 | 9.2 | 723 | 108.4 | 8.3 |  | 4538.0 |
| 22 APR 2003 | 8.7 | 730 | 107.6 | 8.5 |  | 4536.9 |
| 19 MAY 2003 | 8.5 | 746 | 98.5  | 8.5 |  | 4543.4 |
| 17 JUN 2003 | 8.3 | 760 | 96.4  | 8.4 |  | 4541.5 |
| 21 JUL 2003 | 8.4 | 746 | 99.6  | 8.4 |  | 4543.0 |
| 19 AUG 2003 | 8.7 | 728 | 102.6 | 8.4 |  | 4543.2 |
| 15 SEP 2003 | 8.3 | 732 | 97.3  | 8.5 |  | 4545.1 |
| 20 OCT 2003 | 8.4 | 729 | 97.6  | 8.3 |  | 4546.4 |
| 19 NOV 2003 | 8.2 | 729 | 96.7  | 8.3 |  | 4541.2 |
| 15 DEC 2003 | 8.5 | 731 | 106.6 | 8.4 |  | 4552.1 |

\* Values Exceed Upper Control Limit

5MW16

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW18

COGEMA Mining Inc.  
CHRISTENSEN RANCH  
PERIMETER ORE ZONE MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

| Date        |     |     |       |     |        |
|-------------|-----|-----|-------|-----|--------|
| 21 JAN 2003 | 8.2 | 773 | 103.1 | 8.3 | 4536.6 |
| 18 FEB 2003 | 7.6 | 851 | 100.7 | 8.3 | 4537.1 |
| 18 MAR 2003 | 7.3 | 847 | 97.4  | 8.4 | 4537.0 |
| 22 APR 2003 | 7.5 | 877 | 97.9  | 8.4 | 4536.3 |
| 19 MAY 2003 | 7.4 | 905 | 89.8  | 8.4 | 4542.7 |
| 17 JUN 2003 | 7.2 | 880 | 88.3  | 8.2 | 4540.6 |
| 21 JUL 2003 | 7.2 | 867 | 90.6  | 8.4 | 4542.9 |
| 19 AUG 2003 | 7.4 | 865 | 90.9  | 8.3 | 4542.6 |
| 15 SEP 2003 | 7.3 | 858 | 89.4  | 8.4 | 4543.6 |
| 20 OCT 2003 | 7.4 | 865 | 91.6  | 8.2 | 4545.6 |
| 19 NOV 2003 | 6.7 | 899 | 92.9  | 8.4 | 4541.8 |
| 15 DEC 2003 | 7.4 | 926 | 97.9  | 8.3 | 4550.1 |

\* Values Exceed Upper Control Limit

5MW18

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW20

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

## Date

|             |     |     |      |     |  |        |
|-------------|-----|-----|------|-----|--|--------|
| 22 JAN 2003 | 8.7 | 795 | 95.6 | 8.5 |  | 4535.6 |
| 18 FEB 2003 | 7.9 | 910 | 87.9 | 8.5 |  | 4541.2 |
| 18 MAR 2003 | 7.0 | 888 | 83.9 | 8.6 |  | 4542.0 |
| 22 APR 2003 | 6.7 | 920 | 88.7 | 8.5 |  | 4540.6 |
| 19 MAY 2003 | 6.8 | 964 | 86.7 | 8.3 |  | 4546.7 |
| 17 JUN 2003 | 6.7 | 957 | 85.0 | 8.4 |  | 4539.8 |
| 21 JUL 2003 | 7.1 | 921 | 90.2 | 8.3 |  | 4550.8 |
| 18 AUG 2003 | 7.1 | 903 | 90.7 | 8.4 |  | 4547.0 |
| 15 SEP 2003 | 7.1 | 911 | 87.8 | 8.4 |  | 4547.6 |
| 20 OCT 2003 | 6.9 | 919 | 94.2 | 8.2 |  | 4550.0 |
| 17 NOV 2003 | 6.8 | 960 | 94.5 | 8.4 |  | 4545.2 |
| 15 DEC 2003 | 6.5 | 953 | 90.2 | 8.3 |  | 4553.6 |

\* Values Exceed Upper Control Limit

5MW20

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW30A

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 21 JAN 2003 | 8.4 | 644 | 103.3 | 8.7 |  | 4523.2 |
| 18 FEB 2003 | 8.3 | 673 | 111.8 | 8.6 |  | 4514.6 |
| 17 MAR 2003 | 8.4 | 678 | 111.9 | 8.6 |  | 4487.0 |
| 21 APR 2003 | 8.2 | 673 | 110.7 | 8.6 |  | 4472.0 |
| 19 MAY 2003 | 8.2 | 691 | 101.7 | 8.5 |  | 4485.1 |
| 17 JUN 2003 | 8.6 | 690 | 106.8 | 8.5 |  | 4483.6 |
| 21 JUL 2003 | 8.0 | 682 | 100.9 | 8.5 |  | 4482.8 |
| 18 AUG 2003 | 8.3 | 681 | 103.8 | 8.5 |  | 4483.7 |
| 15 SEP 2003 | 8.4 | 684 | 105.5 | 8.6 |  | 4487.1 |
| 20 OCT 2003 | 8.3 | 678 | 103.5 | 8.4 |  | 4500.8 |
| 17 NOV 2003 | 8.0 | 674 | 108.6 | 8.5 |  | 4525.5 |
| 15 DEC 2003 | 7.9 | 670 | 104.9 | 8.6 |  | 4543.4 |

\* Values Exceed Upper Control Limit

5MW30A

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW31

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 21 JAN 2003 | 8.7 | 632 | 109.2 | 8.6 |  | 4528.6 |
| 18 FEB 2003 | 8.6 | 668 | 111.4 | 8.6 |  | 4515.7 |
| 17 MAR 2003 | 8.7 | 670 | 111.2 | 8.6 |  | 4490.0 |
| 21 APR 2003 | 9.0 | 660 | 115.9 | 8.6 |  | 4477.0 |
| 19 MAY 2003 | 8.7 | 684 | 111.5 | 8.5 |  | 4488.5 |
| 17 JUN 2003 | 8.5 | 683 | 99.2  | 8.6 |  | 4487.7 |
| 21 JUL 2003 | 8.7 | 672 | 105.0 | 8.6 |  | 4479.6 |
| 18 AUG 2003 | 8.4 | 676 | 100.8 | 8.6 |  | 4498.9 |
| 15 SEP 2003 | 8.5 | 672 | 101.8 | 8.6 |  | 4491.8 |
| 20 OCT 2003 | 8.5 | 671 | 101.5 | 8.5 |  | 4505.9 |
| 17 NOV 2003 | 8.6 | 665 | 107.8 | 8.5 |  | 4526.8 |
| 15 DEC 2003 | 8.8 | 669 | 110.4 | 8.5 |  | 4544.4 |

\* Values Exceed Upper Control Limit

5MW31

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW32A

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 21 JAN 2003 | 9.1 | 655 | 105.0 | 8.7 |  | 4522.8 |
| 18 FEB 2003 | 8.2 | 675 | 109.2 | 8.7 |  | 4513.9 |
| 17 MAR 2003 | 8.4 | 677 | 109.7 | 8.6 |  | 4489.0 |
| 21 APR 2003 | 8.4 | 672 | 111.4 | 8.6 |  | 4480.0 |
| 19 MAY 2003 | 8.4 | 690 | 101.0 | 8.5 |  | 4490.1 |
| 17 JUN 2003 | 8.3 | 689 | 102.1 | 8.5 |  | 4490.0 |
| 21 JUL 2003 | 8.2 | 683 | 100.6 | 8.6 |  | 4485.6 |
| 18 AUG 2003 | 8.4 | 681 | 102.5 | 8.5 |  | 4486.1 |
| 15 SEP 2003 | 8.2 | 682 | 101.6 | 8.6 |  | 4487.0 |
| 20 OCT 2003 | 8.4 | 676 | 102.3 | 8.4 |  | 4499.5 |
| 17 NOV 2003 | 8.1 | 674 | 107.4 | 8.6 |  | 4587.1 |
| 15 DEC 2003 | 8.2 | 678 | 108.8 | 8.5 |  | 4542.8 |

\* Values Exceed Upper Control Limit

5MW32A

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## PERIMETER ORE ZONE MONITOR WELL

Mine Unit 5  
Well I.D. 5MW33

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 21 JAN 2003 | 8.6 | 660 | 106.6 | 8.4 |  | 4527.3 |
| 18 FEB 2003 | 8.7 | 676 | 107.6 | 8.5 |  | 4517.5 |
| 17 MAR 2003 | 8.8 | 676 | 107.1 | 8.5 |  | 4495.0 |
| 21 APR 2003 | 8.8 | 670 | 107.4 | 8.6 |  | 4483.0 |
| 19 MAY 2003 | 8.8 | 688 | 98.6  | 8.5 |  | 4491.8 |
| 17 JUN 2003 | 8.6 | 687 | 98.3  | 8.5 |  | 4491.3 |
| 21 JUL 2003 | 8.4 | 673 | 97.1  | 8.5 |  | 4496.4 |
| 18 AUG 2003 | 8.3 | 678 | 95.5  | 8.5 |  | 4495.3 |
| 15 SEP 2003 | 8.6 | 678 | 98.4  | 8.5 |  | 4496.2 |
| 20 OCT 2003 | 8.7 | 675 | 98.4  | 8.4 |  | 4512.5 |
| 17 NOV 2003 | 8.5 | 669 | 104.9 | 8.5 |  | 4530.5 |
| 15 DEC 2003 | 8.7 | 674 | 106.0 | 8.4 |  | 4545.7 |

\* Values Exceed Upper Control Limit

5MW33

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW34

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity          | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|---------------------------|----|---------|-----------------------|
| Units                    | mg/l     | μ mho/cm             | mg/l as CaCO <sub>3</sub> |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                     |    |         |                       |

## Date

|             |     |     |       |     |        |
|-------------|-----|-----|-------|-----|--------|
| 21 JAN 2003 | 8.3 | 668 | 110.4 | 8.4 | 4522.4 |
| 18 FEB 2003 | 8.5 | 677 | 113.2 | 8.5 | 4513.3 |
| 17 MAR 2003 | 8.7 | 678 | 112.0 | 8.5 | 4490.0 |
| 21 APR 2003 | 8.5 | 672 | 111.2 | 8.5 | 4479.0 |
| 19 MAY 2003 | 8.1 | 693 | 97.7  | 8.5 | 4492.0 |
| 17 JUN 2003 | 8.1 | 691 | 99.4  | 8.5 | 4496.5 |
| 21 JUL 2003 | 8.3 | 682 | 101.7 | 8.5 | 4486.4 |
| 18 AUG 2003 | 8.3 | 682 | 102.1 | 8.5 | 4487.1 |
| 15 SEP 2003 | 8.3 | 683 | 100.4 | 8.5 | 4488.7 |
| 20 OCT 2003 | 8.4 | 682 | 101.4 | 8.4 | 4500.3 |
| 17 NOV 2003 | 8.2 | 677 | 107.2 | 8.5 | 4523.7 |
| 15 DEC 2003 | 8.4 | 676 | 109.4 | 8.3 | 4543.5 |

\* Values Exceed Upper Control Limit

5MW34

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW35A

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 21 JAN 2003 | 8.5 | 663 | 108.4 | 8.4 |  | 4532.1 |
| 18 FEB 2003 | 8.5 | 677 | 109.2 | 8.6 |  | 4513.3 |
| 17 MAR 2003 | 8.9 | 678 | 110.8 | 8.5 |  | 4491.0 |
| 21 APR 2003 | 8.6 | 667 | 110.3 | 8.7 |  | 4478.0 |
| 19 MAY 2003 | 8.6 | 689 | 99.9  | 8.3 |  | 4487.1 |
| 17 JUN 2003 | 8.5 | 688 | 99.1  | 8.5 |  | 4487.7 |
| 21 JUL 2003 | 8.6 | 679 | 102.0 | 8.6 |  | 4500.8 |
| 18 AUG 2003 | 8.4 | 679 | 99.9  | 8.5 |  | 4493.5 |
| 15 SEP 2003 | 8.5 | 683 | 99.3  | 8.5 |  | 4494.7 |
| 21 OCT 2003 | 8.6 | 677 | 107.9 | 8.4 |  | 4509.3 |
| 17 NOV 2003 | 8.4 | 674 | 106.6 | 8.6 |  | 4532.4 |
| 15 DEC 2003 | 8.3 | 674 | 104.8 | 8.4 |  | 4546.2 |

\* Values Exceed Upper Control Limit

5MW35A

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW36

COGEMA Mining Inc.  
CHRISTENSEN RANCH  
PERIMETER ORE ZONE MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity          | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|---------------------------|----|---------|-----------------------|
| Units                    | mg/l     | μ mho/cm             | mg/l as CaCO <sub>3</sub> |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                     |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 21 JAN 2003 | 8.3 | 671 | 110.6 | 8.4 |  | 4522.1 |
| 18 FEB 2003 | 8.3 | 679 | 113.0 | 8.6 |  | 4511.7 |
| 17 MAR 2003 | 8.4 | 679 | 112.0 | 8.6 |  | 4486.0 |
| 21 APR 2003 | 8.6 | 676 | 111.6 | 8.7 |  | 4479.0 |
| 19 MAY 2003 | 9.0 | 693 | 107.3 | 8.6 |  | 4491.4 |
| 17 JUN 2003 | 8.5 | 691 | 102.9 | 8.6 |  | 4496.8 |
| 21 JUL 2003 | 8.4 | 684 | 103.0 | 8.6 |  | 4483.1 |
| 18 AUG 2003 | 8.4 | 682 | 102.1 | 8.6 |  | 4484.5 |
| 15 SEP 2003 | 8.5 | 682 | 103.2 | 8.7 |  | 4486.1 |
| 21 OCT 2003 | 8.4 | 681 | 109.8 | 8.5 |  | 4497.7 |
| 17 NOV 2003 | 8.1 | 676 | 108.2 | 8.8 |  | 4523.5 |
| 15 DEC 2003 | 8.3 | 677 | 108.8 | 8.4 |  | 4544.2 |

\* Values Exceed Upper Control Limit

5MW36

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW37

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 21 JAN 2003 | 8.7 | 652 | 117.0 | 8.5 |  | 4525.2 |
| 18 FEB 2003 | 8.4 | 664 | 115.2 | 8.6 |  | 4511.7 |
| 17 MAR 2003 | 9.3 | 656 | 123.5 | 8.7 |  | 4488.0 |
| 21 APR 2003 | 8.7 | 659 | 115.8 | 8.6 |  | 4475.0 |
| 19 MAY 2003 | 8.7 | 657 | 111.0 | 8.5 |  | 4485.0 |
| 17 JUN 2003 | 8.3 | 680 | 104.4 | 8.5 |  | 4487.7 |
| 21 JUL 2003 | 8.8 | 669 | 109.3 | 8.6 |  | 4498.6 |
| 18 AUG 2003 | 8.9 | 671 | 113.4 | 8.5 |  | 4493.5 |
| 15 SEP 2003 | 8.7 | 652 | 111.0 | 8.6 |  | 4494.1 |
| 21 OCT 2003 | 8.4 | 668 | 113.1 | 8.4 |  | 4515.0 |
| 17 NOV 2003 | 8.2 | 670 | 109.5 | 8.4 |  | 4534.4 |
| 15 DEC 2003 | 8.4 | 671 | 110.3 | 8.3 |  | 4548.7 |

\* Values Exceed Upper Control Limit

5MW37

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

Mine Unit 5  
Well I.D. 5MW38

## PERIMETER ORE ZONE MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 21 JAN 2003 | 8.5 | 679 | 116.6 | 8.3 |  | 4521.8 |
| 18 FEB 2003 | 8.6 | 688 | 118.7 | 8.4 |  | 4509.4 |
| 17 MAR 2003 | 8.9 | 683 | 117.4 | 8.5 |  | 4479.0 |
| 21 APR 2003 | 9.1 | 670 | 115.2 | 8.6 |  | 4475.0 |
| 19 MAY 2003 | 8.7 | 686 | 110.8 | 8.6 |  | 4489.3 |
| 17 JUN 2003 | 8.3 | 689 | 101.0 | 8.5 |  | 4497.3 |
| 21 JUL 2003 | 8.3 | 683 | 101.3 | 8.5 |  | 4481.4 |
| 18 AUG 2003 | 8.4 | 683 | 103.5 | 8.4 |  | 4485.1 |
| 15 SEP 2003 | 8.4 | 682 | 102.4 | 8.5 |  | 4485.5 |
| 21 OCT 2003 | 8.7 | 679 | 114.0 | 8.3 |  | 4498.0 |
| 17 NOV 2003 | 8.8 | 676 | 113.9 | 8.6 |  | 4523.0 |
| 15 DEC 2003 | 8.4 | 680 | 109.8 | 8.3 |  | 4545.4 |

\* Values Exceed Upper Control Limit

5MW38

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW39A

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 21 JAN 2003 | 8.5 | 662 | 122.6 | 8.4 |  | 4519.5 |
| 18 FEB 2003 | 8.4 | 682 | 120.7 | 8.5 |  | 4499.0 |
| 17 MAR 2003 | 8.6 | 679 | 121.0 | 8.5 |  | 4481.0 |
| 29 APR 2003 | 8.4 | 685 | 117.8 | 8.5 |  | 4465.0 |
| 19 MAY 2003 | 8.7 | 709 | 109.9 | 8.5 |  | 4478.6 |
| 17 JUN 2003 | 8.4 | 709 | 109.1 | 8.5 |  | 4482.0 |
| 21 JUL 2003 | 8.6 | 719 | 109.3 | 8.3 |  | 4489.7 |
| 18 AUG 2003 | 8.3 | 719 | 107.1 | 8.5 |  | 4487.5 |
| 15 SEP 2003 | 8.3 | 737 | 108.0 | 8.5 |  | 4487.8 |
| 21 OCT 2003 | 8.7 | 739 | 117.9 | 8.3 |  | 4513.8 |
| 19 NOV 2003 | 8.2 | 736 | 112.9 | 8.6 |  | 4534.6 |
| 16 DEC 2003 | 8.2 | 733 | 111.9 | 8.5 |  | 4550.6 |

\* Values Exceed Upper Control Limit

5MW39A

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW40

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

| Date        |     |     |       |     |        |
|-------------|-----|-----|-------|-----|--------|
| 21 JAN 2003 | 9.1 | 660 | 112.4 | 8.5 | 4521.6 |
| 18 FEB 2003 | 9.3 | 671 | 116.1 | 8.6 | 4508.7 |
| 17 MAR 2003 | 9.3 | 671 | 110.9 | 8.5 | 4480.0 |
| 21 APR 2003 | 9.2 | 663 | 107.5 | 8.5 | 4476.0 |
| 19 MAY 2003 | 9.2 | 681 | 97.9  | 8.5 | 4491.5 |
| 17 JUN 2003 | 9.1 | 680 | 100.6 | 8.5 | 4499.8 |
| 21 JUL 2003 | 8.8 | 672 | 97.6  | 8.5 | 4484.7 |
| 18 AUG 2003 | 8.8 | 672 | 97.7  | 8.5 | 4488.9 |
| 15 SEP 2003 | 8.8 | 674 | 98.0  | 8.5 | 4487.5 |
| 21 OCT 2003 | 8.9 | 669 | 105.2 | 8.3 | 4500.1 |
| 17 NOV 2003 | 8.6 | 666 | 104.9 | 8.6 | 4522.1 |
| 15 DEC 2003 | 8.8 | 667 | 104.8 | 8.4 | 4545.7 |

\* Values Exceed Upper Control Limit

5MW40

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW41A

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 21 JAN 2003 | 8.3 | 665 | 114.0 | 8.4 |  | 4523.2 |
| 18 FEB 2003 | 8.7 | 680 | 120.0 | 8.5 |  | 4505.3 |
| 17 MAR 2003 | 8.4 | 679 | 114.2 | 8.5 |  | 4488.0 |
| 21 APR 2003 | 8.3 | 673 | 112.8 | 8.5 |  | 4473.0 |
| 19 MAY 2003 | 8.1 | 688 | 103.2 | 8.6 |  | 4483.7 |
| 17 JUN 2003 | 8.1 | 691 | 103.5 | 8.5 |  | 4484.5 |
| 21 JUL 2003 | 8.2 | 682 | 103.9 | 8.5 |  | 4491.6 |
| 18 AUG 2003 | 8.0 | 682 | 104.0 | 8.5 |  | 4496.9 |
| 15 SEP 2003 | 8.0 | 683 | 103.9 | 8.5 |  | 4496.0 |
| 21 OCT 2003 | 8.0 | 680 | 110.9 | 8.4 |  | 4522.1 |
| 17 NOV 2003 | 8.1 | 678 | 109.1 | 8.6 |  | 4539.6 |
| 16 DEC 2003 | 8.3 | 678 | 107.8 | 8.4 |  | 4553.1 |

\* Values Exceed Upper Control Limit

5MW41A

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW42

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 21 JAN 2003 | 8.8 | 662 | 112.7 | 8.5 |  | 4523.7 |
| 18 FEB 2003 | 9.1 | 675 | 115.4 | 8.5 |  | 4507.6 |
| 17 MAR 2003 | 9.4 | 660 | 111.1 | 8.7 |  | 4483.0 |
| 21 APR 2003 | 9.7 | 655 | 111.6 | 8.6 |  | 4480.0 |
| 19 MAY 2003 | 9.3 | 679 | 105.0 | 8.5 |  | 4495.9 |
| 17 JUN 2003 | 8.9 | 682 | 101.9 | 8.5 |  | 4502.0 |
| 21 JUL 2003 | 9.2 | 666 | 101.1 | 8.6 |  | 4489.7 |
| 18 AUG 2003 | 9.1 | 670 | 103.1 | 8.5 |  | 4495.1 |
| 16 SEP 2003 | 8.7 | 674 | 100.8 | 8.5 |  | 4489.3 |
| 21 OCT 2003 | 9.0 | 672 | 109.5 | 8.3 |  | 4502.3 |
| 17 NOV 2003 | 8.6 | 671 | 109.9 | 8.6 |  | 4521.5 |
| 15 DEC 2003 | 8.6 | 680 | 111.9 | 8.3 |  | 4547.7 |

\* Values Exceed Upper Control Limit

5MW42

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## PERIMETER ORE ZONE MONITOR WELL

2003

Mine Unit 5  
Well I.D. 5MW43

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

## Date

|             |     |     |       |      |  |        |
|-------------|-----|-----|-------|------|--|--------|
| 21 JAN 2003 | 7.8 | 671 | 108.3 | 8.8  |  | 4521.7 |
| 18 FEB 2003 | 8.2 | 684 | 117.6 | 8.8  |  | 4504.7 |
| 17 MAR 2003 | 8.8 | 687 | 117.6 | 8.8  |  | 4486.0 |
| 21 APR 2003 | 8.5 | 874 | 117.1 | 10.9 |  | 4473.0 |
| 19 MAY 2003 | 7.8 | 694 | 111.0 | 9.1  |  | 4484.7 |
| 17 JUN 2003 | 8.1 | 699 | 105.9 | 8.7  |  | 4484.6 |
| 21 JUL 2003 | 8.3 | 691 | 110.4 | 8.8  |  | 4491.1 |
| 18 AUG 2003 | 8.3 | 688 | 110.5 | 8.9  |  | 4503.7 |
| 16 SEP 2003 | 8.0 | 693 | 106.9 | 8.8  |  | 4502.7 |
| 21 OCT 2003 | 8.4 | 691 | 116.8 | 8.4  |  | 4511.5 |
| 17 NOV 2003 | 8.2 | 686 | 113.3 | 8.6  |  | 4541.2 |
| 16 DEC 2003 | 8.0 | 683 | 112.1 | 8.6  |  | 4554.5 |

\* Values Exceed Upper Control Limit

5MW43

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW44

COGEMA Mining Inc.  
CHRISTENSEN RANCH  
PERIMETER ORE ZONE MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

| Date        |     |     |       |     |        |
|-------------|-----|-----|-------|-----|--------|
| 21 JAN 2003 | 9.0 | 657 | 110.1 | 8.6 | 4520.8 |
| 18 FEB 2003 | 8.9 | 667 | 110.0 | 8.5 | 4498.9 |
| 17 MAR 2003 | 9.1 | 661 | 106.8 | 8.6 | 4474.0 |
| 29 APR 2003 | 8.8 | 649 | 95.1  | 9.4 | 4474.4 |
| 19 MAY 2003 | 8.9 | 670 | 97.9  | 8.5 | 4489.8 |
| 17 JUN 2003 | 9.0 | 674 | 99.2  | 8.5 | 4497.3 |
| 21 JUL 2003 | 9.1 | 663 | 98.7  | 8.5 | 4483.0 |
| 18 AUG 2003 | 9.1 | 663 | 101.5 | 8.5 | 4488.4 |
| 16 SEP 2003 | 9.1 | 663 | 99.5  | 8.4 | 4481.3 |
| 21 OCT 2003 | 9.1 | 661 | 106.3 | 8.5 | 4498.7 |
| 17 NOV 2003 | 8.8 | 664 | 107.3 | 8.9 | 4522.1 |
| 15 DEC 2003 | 8.9 | 660 | 103.9 | 8.3 | 4548.6 |

\* Values Exceed Upper Control Limit

5MW44

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW45

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 21 JAN 2003 | 8.2 | 673 | 115.9 | 8.4 |  | 4520.5 |
| 18 FEB 2003 | 8.4 | 684 | 120.4 | 8.5 |  | 4502.0 |
| 17 MAR 2003 | 8.3 | 684 | 116.6 | 8.6 |  | 4479.0 |
| 21 APR 2003 | 8.5 | 673 | 116.6 | 8.7 |  | 4493.0 |
| 19 MAY 2003 | 8.4 | 693 | 109.3 | 8.5 |  | 4484.2 |
| 17 JUN 2003 | 8.4 | 696 | 107.9 | 8.6 |  | 4487.9 |
| 21 JUL 2003 | 8.5 | 691 | 110.8 | 8.4 |  | 4493.3 |
| 18 AUG 2003 | 7.9 | 691 | 108.0 | 8.5 |  | 4509.9 |
| 16 SEP 2003 | 8.1 | 692 | 108.8 | 8.4 |  | 4510.4 |
| 21 OCT 2003 | 8.0 | 686 | 114.4 | 8.3 |  | 4522.8 |
| 17 NOV 2003 | 8.1 | 687 | 114.3 | 8.5 |  | 4542.2 |
| 15 DEC 2003 | 8.3 | 684 | 113.8 | 8.3 |  | 4556.6 |

\* Values Exceed Upper Control Limit

5MW45

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW46

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 21 JAN 2003 | 8.8 | 664 | 110.8 | 8.4 |  | 4516.5 |
| 18 FEB 2003 | 8.5 | 675 | 111.4 | 8.4 |  | 4490.1 |
| 17 MAR 2003 |     |     |       |     |  | 4473.5 |
| 21 APR 2003 |     |     |       |     |  | 4472.6 |
| 19 MAY 2003 | 8.5 | 683 | 100.3 | 8.5 |  | 4483.4 |
| 16 JUN 2003 | 8.6 | 682 | 100.7 | 8.5 |  | 4490.8 |
| 21 JUL 2003 | 8.4 | 676 | 100.7 | 8.5 |  | 4483.8 |
| 18 AUG 2003 | 8.5 | 676 | 102.3 | 8.5 |  | 4490.8 |
| 16 SEP 2003 | 8.3 | 678 | 100.3 | 8.4 |  | 4486.1 |
| 20 OCT 2003 | 8.4 | 673 | 106.1 | 8.3 |  | 4499.2 |
| 19 NOV 2003 | 8.3 | 668 | 106.7 | 8.6 |  | 4524.6 |
| 16 DEC 2003 | 8.4 | 672 | 106.9 | 8.5 |  | 4551.1 |

\* Values Exceed Upper Control Limit

5MW46

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## PERIMETER ORE ZONE MONITOR WELL

Mine Unit 5  
Well I.D. 5MW47B

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

| Date        |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 22 JAN 2003 | 8.2 | 684 | 116.9 | 8.3 |  | 4532.4 |
| 18 FEB 2003 | 8.4 | 693 | 121.8 | 8.4 |  | 4514.3 |
| 17 MAR 2003 | 8.1 | 693 | 118.3 | 8.6 |  | 4490.0 |
| 21 APR 2003 | 8.1 | 684 | 117.9 | 8.7 |  | 4485.0 |
| 19 MAY 2003 | 8.2 | 698 | 107.6 | 8.4 |  | 4496.6 |
| 17 JUN 2003 | 7.9 | 702 | 105.8 | 8.5 |  | 4503.9 |
| 21 JUL 2003 | 8.3 | 693 | 109.5 | 8.4 |  | 4517.9 |
| 18 AUG 2003 | 7.9 | 691 | 108.4 | 8.5 |  | 4526.0 |
| 16 SEP 2003 | 7.7 | 694 | 104.6 | 8.4 |  | 4522.9 |
| 21 OCT 2003 | 7.9 | 688 | 114.0 | 8.3 |  | 4531.0 |
| 17 NOV 2003 | 7.9 | 686 | 115.1 | 8.5 |  | 4546.7 |
| 15 DEC 2003 | 7.9 | 685 | 114.0 | 8.3 |  | 4561.2 |

\* Values Exceed Upper Control Limit

5MW47B

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW48

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

## Date

|             |      |     |       |   |     |        |
|-------------|------|-----|-------|---|-----|--------|
| 21 JAN 2003 | 11.7 | 507 | 263.7 | * | 8.2 | 4521.4 |
| 19 FEB 2003 |      |     |       |   |     | 4507.7 |
| 17 MAR 2003 |      |     |       |   |     | 4505.6 |
| 21 APR 2003 |      |     |       |   |     | 4506.7 |
| 20 MAY 2003 |      |     |       |   |     | 4506.7 |
| 16 JUN 2003 |      |     |       |   |     | 4519.1 |
| 22 JUL 2003 |      |     |       |   |     | 4503.2 |
| 27 AUG 2003 | 10.1 | 613 | 159.2 | * | 8.3 | 4494.3 |
| 16 SEP 2003 | 10.8 | 561 | 167.0 | * | 8.5 | 4494.3 |
| 21 OCT 2003 | 10.5 | 563 | 189.1 | * | 8.6 | 4494.3 |
| 19 NOV 2003 | 11.0 | 221 | 230.1 | * | 8.5 | 4494.3 |
| 29 DEC 2003 | 11.8 | 662 | 175.3 | * | 8.2 | 4552.6 |

\* Values Exceed Upper Control Limit

5MW48

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW49

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 22 JAN 2003 | 8.2 | 684 | 116.7 | 8.4 |  | 4529.2 |
| 18 FEB 2003 | 8.2 | 687 | 117.1 | 8.4 |  | 4511.4 |
| 17 MAR 2003 | 8.5 | 690 | 121.8 | 8.7 |  | 4486.0 |
| 21 APR 2003 | 8.1 | 682 | 115.9 | 8.7 |  | 4486.0 |
| 19 MAY 2003 | 8.6 | 698 | 112.7 | 8.4 |  | 4497.5 |
| 16 JUN 2003 | 8.2 | 702 | 110.3 | 8.5 |  | 4504.7 |
| 21 JUL 2003 | 8.3 | 694 | 108.2 | 8.3 |  | 4517.7 |
| 18 AUG 2003 | 7.9 | 693 | 107.3 | 8.5 |  | 4525.0 |
| 16 SEP 2003 | 8.1 | 695 | 110.8 | 8.4 |  | 4521.3 |
| 21 OCT 2003 | 8.0 | 689 | 113.6 | 8.2 |  | 4533.9 |
| 17 NOV 2003 | 8.0 | 687 | 116.1 | 8.4 |  | 4545.0 |
| 15 DEC 2003 | 8.2 | 688 | 114.2 | 8.3 |  | 4561.2 |

\* Values Exceed Upper Control Limit

5MW49

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

Mine Unit 5  
Well I.D. 5MW50

## PERIMETER ORE ZONE MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

| Date        |      |     |       |     |        |
|-------------|------|-----|-------|-----|--------|
| 21 JAN 2003 | 9.1  | 660 | 103.7 | 7.2 | 4522.9 |
| 18 FEB 2003 | 10.3 | 653 | 112.0 | 8.4 | 4497.2 |
| 17 MAR 2003 |      |     |       |     | 4476.8 |
| 29 APR 2003 | 10.6 | 625 | 107.7 | 8.4 | 4481.2 |
| 19 MAY 2003 | 10.5 | 642 | 105.6 | 8.5 | 4492.2 |
| 16 JUN 2003 | 9.9  | 658 | 96.2  | 8.4 | 4494.1 |
| 21 JUL 2003 | 10.0 | 652 | 95.9  | 8.4 | 4493.8 |
| 19 AUG 2003 | 9.8  | 654 | 96.5  | 8.4 | 4498.8 |
| 16 SEP 2003 | 9.9  | 654 | 95.7  | 8.5 | 4490.5 |
| 20 OCT 2003 | 10.1 | 649 | 104.3 | 8.3 | 4499.6 |
| 19 NOV 2003 | 9.1  | 666 | 108.5 | 8.6 | 4519.8 |
| 16 DEC 2003 | 8.8  | 675 | 107.1 | 8.4 | 4551.1 |

\* Values Exceed Upper Control Limit

5MW50

Negative U3O8 Grades Indicate Less Than Detection Limit.

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

Mine Unit 5  
 Well I.D. 5MW51

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 22 JAN 2003 | 8.4 | 680 | 119.1 | 8.2 |  | 4536.9 |
| 18 FEB 2003 | 8.1 | 689 | 118.1 | 8.4 |  | 4530.8 |
| 17 MAR 2003 | 8.2 | 690 | 117.7 | 8.4 |  | 4502.0 |
| 22 APR 2003 | 8.4 | 683 | 120.7 | 8.4 |  | 4505.9 |
| 19 MAY 2003 | 8.1 | 698 | 116.8 | 8.4 |  | 4514.2 |
| 16 JUN 2003 | 8.0 | 701 | 106.7 | 8.4 |  | 4511.5 |
| 21 JUL 2003 | 8.3 | 694 | 110.4 | 8.3 |  | 4526.4 |
| 18 AUG 2003 | 8.0 | 694 | 109.6 | 8.4 |  | 4530.8 |
| 16 SEP 2003 | 7.9 | 695 | 106.8 | 8.4 |  | 4524.2 |
| 21 OCT 2003 | 8.0 | 690 | 114.9 | 8.2 |  | 4537.4 |
| 19 NOV 2003 | 8.0 | 687 | 115.6 | 8.5 |  | 4549.7 |
| 16 DEC 2003 | 7.8 | 687 | 113.1 | 8.3 |  | 4564.0 |

\* Values Exceed Upper Control Limit

5MW51

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW52

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

| Date        |     |     |       |     |        |
|-------------|-----|-----|-------|-----|--------|
| 21 JAN 2003 | 9.6 | 684 | 121.8 | 8.3 | 4526.7 |
| 18 FEB 2003 | 9.1 | 693 | 118.5 | 8.4 | 4503.5 |
| 18 MAR 2003 | 4.9 | 570 | 97.1  | 7.8 | 4487.0 |
| 22 APR 2003 | 9.7 | 676 | 114.4 | 8.5 | 4490.6 |
| 19 MAY 2003 | 9.1 | 697 | 107.1 | 8.4 | 4501.5 |
| 16 JUN 2003 | 8.8 | 699 | 104.5 | 8.4 | 4500.6 |
| 21 JUL 2003 | 8.7 | 693 | 105.8 | 8.4 | 4496.8 |
| 19 AUG 2003 | 8.9 | 739 | 109.1 | 8.3 | 4498.4 |
| 16 SEP 2003 | 8.7 | 699 | 109.0 | 8.5 | 4494.8 |
| 21 OCT 2003 | 8.9 | 693 | 114.3 | 8.3 | 4502.8 |
| 19 NOV 2003 | 8.5 | 691 | 116.6 | 8.5 | 4519.6 |
| 15 DEC 2003 | 8.7 | 693 | 114.0 | 8.3 | 4553.3 |

\* Values Exceed Upper Control Limit

5MW52

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW53

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 22 JAN 2003 | 8.9 | 684 | 122.7 | 8.2 |  | 4534.2 |
| 18 FEB 2003 | 8.5 | 692 | 114.8 | 8.4 |  | 4529.9 |
| 17 MAR 2003 | 8.7 | 694 | 119.0 | 8.4 |  | 4503.0 |
| 22 APR 2003 | 8.3 | 684 | 116.6 | 8.4 |  | 4512.2 |
| 19 MAY 2003 | 8.4 | 702 | 110.4 | 8.4 |  | 4517.7 |
| 16 JUN 2003 | 8.2 | 704 | 107.7 | 8.4 |  | 4517.4 |
| 21 JUL 2003 | 8.2 | 696 | 107.3 | 8.3 |  | 4527.0 |
| 18 AUG 2003 | 8.3 | 697 | 110.5 | 8.4 |  | 4531.0 |
| 16 SEP 2003 | 8.1 | 698 | 108.6 | 8.4 |  | 4529.2 |
| 21 OCT 2003 | 8.3 | 694 | 117.7 | 8.4 |  | 4536.8 |
| 19 NOV 2003 | 8.4 | 689 | 116.1 | 8.5 |  | 4547.4 |
| 16 DEC 2003 | 8.3 | 691 | 114.2 | 8.2 |  | 4563.9 |

\* Values Exceed Upper Control Limit

5MW53

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW54

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity          | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|---------------------------|----|---------|-----------------------|
| Units                    | mg/l     | μ mho/cm             | mg/l as CaCO <sub>3</sub> |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                     |    |         |                       |

## Date

|             |      |   |      |   |       |   |      |        |
|-------------|------|---|------|---|-------|---|------|--------|
| 06 JAN 2003 | 32.2 | * | 1179 | * | 303.6 | * | 7.5  | 4522.3 |
| 13 JAN 2003 | 39.9 | * | 1267 | * | 376.2 | * | 7.5  | 4516.7 |
| 21 JAN 2003 | 9.9  |   | 692  |   | 125.6 |   | 8.3  | 4528.1 |
| 27 JAN 2003 | 9.9  |   | 712  |   | 131.4 |   | 8.4  | 4528.1 |
| 03 FEB 2003 | 25.1 | * | 1032 | * | 276.2 | * | 7.7  | 4521.2 |
| 10 FEB 2003 | 33.6 | * | 1154 | * | 319.4 | * | 7.4  | 4516.1 |
| 18 FEB 2003 | 46.8 | * | 1468 | * | 431.4 | * | 7.6  | 4504.2 |
| 24 FEB 2003 | 37.0 | * | 936  | * | 210.6 | * | 8.4  | 4498.3 |
| 06 MAR 2003 | 19.2 |   | 722  |   | 127.4 |   | 9.2  | 4495.3 |
| 12 MAR 2003 |      |   |      |   |       |   |      | 4495.0 |
| 18 MAR 2003 | 15.5 |   | 745  |   | 111.5 |   | 9.6  | 4493.0 |
| 25 MAR 2003 | 15.3 |   | 728  |   | 91.1  |   | 10.1 | 4493.0 |
| 01 APR 2003 | 15.2 |   | 838  |   | 107.4 |   | 10.9 | 4500.0 |
| 12 APR 2003 | 15.0 |   | 722  |   | 79.6  |   | 10.7 | 4489.0 |
| 14 APR 2003 | 14.9 |   | 745  |   | 79.8  |   | 10.7 | 4497.0 |
| 22 APR 2003 | 15.8 |   | 752  |   | 81.6  |   | 10.8 | 4498.4 |
| 19 MAY 2003 | 34.0 | * | 1327 | * | 322.0 | * | 7.3  | 4506.7 |
| 21 MAY 2003 | 40.9 | * | 1536 | * | 389.9 | * | 7.4  | 4508.5 |
| 27 MAY 2003 | 35.3 | * | 1383 | * | 338.9 | * | 7.2  | 4512.1 |
| 02 JUN 2003 | 43.0 | * | 1666 | * | 421.8 | * | 7.3  | 4508.3 |
| 10 JUN 2003 | 48.6 | * | 1667 | * | 463.2 | * | 7.3  | 4508.3 |
| 16 JUN 2003 | 38.2 | * | 1504 | * | 375.0 | * | 7.5  | 4503.4 |
| 26 JUN 2003 | 50.2 | * | 1795 | * | 508.6 | * | 7.2  | 4506.5 |
| 02 JUL 2003 | 45.8 | * | 1289 | * | 316.6 | * | 7.9  | 4509.9 |
| 07 JUL 2003 | 42.8 | * | 1138 | * | 255.8 | * | 8.3  | 4496.8 |
| 16 JUL 2003 | 35.1 | * | 984  | * | 175.0 | * | 8.8  | 4499.6 |
| 21 JUL 2003 | 36.0 | * | 948  | * | 167.2 | * | 9.3  | 4498.0 |
| 29 JUL 2003 | 27.2 | * | 992  | * | 188.9 | * | 8.7  | 4500.7 |
| 06 AUG 2003 | 22.5 |   | 973  |   | 190.6 | * | 8.2  | 4502.1 |
| 12 AUG 2003 | 35.8 | * | 1314 | * | 355.2 | * | 7.7  | 4502.8 |
| 19 AUG 2003 | 9.4  |   | 699  |   | 112.6 |   | 8.1  | 4498.9 |
| 27 AUG 2003 | 13.2 |   | 789  |   | 136.4 | * | 7.7  | 4511.5 |
| 02 SEP 2003 | 28.2 | * | 791  |   | 264.4 | * | 7.9  | 4511.5 |
| 10 SEP 2003 | 10.0 |   | 724  |   | 119.3 |   | 8.6  | 4490.3 |
| 16 SEP 2003 | 10.0 |   | 718  |   | 120.0 |   | 8.8  | 4495.4 |
| 22 SEP 2003 | 13.4 |   | 717  |   | 113.9 |   | 8.7  | 4495.4 |
| 30 SEP 2003 | 9.9  |   | 715  |   | 113.1 |   | 8.7  | 4495.4 |
| 20 OCT 2003 | 10.0 |   | 708  |   | 116.4 |   | 8.3  | 4502.4 |
| 17 NOV 2003 | 10.2 |   | 716  |   | 126.9 |   | 8.2  | 4517.1 |
| 15 DEC 2003 | 10.8 |   | 725  |   | 127.8 |   | 8.0  | 4553.2 |

\* Values Exceed Upper Control Limit

5MW54

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## PERIMETER ORE ZONE MONITOR WELL

2003

Mine Unit 5  
Well I.D. 5MW55

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 22 JAN 2003 | 8.6 | 681 | 113.9 | 8.2 |  | 4530.1 |
| 18 FEB 2003 | 8.7 | 691 | 117.1 | 8.4 |  | 4513.0 |
| 17 MAR 2003 | 8.7 | 689 | 116.8 | 8.4 |  | 4493.0 |
| 22 APR 2003 | 8.8 | 681 | 114.4 | 8.4 |  | 4507.3 |
| 19 MAY 2003 | 9.1 | 700 | 110.1 | 8.3 |  | 4513.9 |
| 16 JUN 2003 | 8.5 | 703 | 104.2 | 8.4 |  | 4512.7 |
| 21 JUL 2003 | 8.4 | 693 | 104.9 | 8.3 |  | 4521.7 |
| 18 AUG 2003 | 8.6 | 695 | 106.7 | 8.4 |  | 4525.5 |
| 16 SEP 2003 | 8.6 | 698 | 106.7 | 8.4 |  | 4522.1 |
| 21 OCT 2003 | 8.4 | 692 | 112.7 | 8.3 |  | 4527.8 |
| 19 NOV 2003 | 8.2 | 689 | 112.6 | 8.5 |  | 4541.1 |
| 16 DEC 2003 | 8.2 | 692 | 112.6 | 8.3 |  | 4561.5 |

\* Values Exceed Upper Control Limit

5MW55

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW56

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 21 JAN 2003 | 13.6 | 742 | 129.8 | 8.2 |  | 4528.0 |
| 18 FEB 2003 | 11.9 | 716 | 120.3 | 8.5 |  | 4510.6 |
| 18 MAR 2003 | 10.1 | 701 | 118.6 | 8.6 |  | 4499.0 |
| 22 APR 2003 | 10.7 | 703 | 119.7 | 8.6 |  | 4500.2 |
| 19 MAY 2003 | 14.8 | 769 | 122.4 | 8.4 |  | 4512.0 |
| 16 JUN 2003 | 10.0 | 722 | 107.7 | 8.4 |  | 4506.2 |
| 21 JUL 2003 | 9.0  | 702 | 107.4 | 8.4 |  | 4504.0 |
| 19 AUG 2003 | 10.1 | 739 | 117.1 | 8.5 |  | 4500.8 |
| 16 SEP 2003 | 11.1 | 737 | 117.2 | 8.2 |  | 4498.9 |
| 21 OCT 2003 | 10.3 | 717 | 122.0 | 8.2 |  | 4506.8 |
| 19 NOV 2003 | 10.0 | 712 | 119.6 | 8.5 |  | 4519.6 |
| 16 DEC 2003 | 10.8 | 727 | 123.3 | 8.3 |  | 4552.6 |

\* Values Exceed Upper Control Limit

5MW56

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW57

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

| Date        |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 22 JAN 2003 | 8.7 | 686 | 115.8 | 8.2 |  | 4533.9 |
| 18 FEB 2003 | 8.5 | 696 | 116.5 | 8.4 |  | 4517.7 |
| 17 MAR 2003 | 9.6 | 697 | 113.3 | 7.3 |  | 4499.0 |
| 22 APR 2003 | 9.0 | 688 | 122.4 | 8.4 |  | 4508.9 |
| 19 MAY 2003 | 8.8 | 707 | 110.4 | 8.4 |  | 4515.8 |
| 16 JUN 2003 | 8.5 | 709 | 105.6 | 8.4 |  | 4515.4 |
| 21 JUL 2003 | 8.4 | 701 | 107.0 | 8.3 |  | 4521.4 |
| 18 AUG 2003 | 8.7 | 701 | 109.3 | 8.4 |  | 4518.9 |
| 16 SEP 2003 | 8.6 | 703 | 108.4 | 8.3 |  | 4518.5 |
| 20 OCT 2003 | 8.6 | 698 | 114.3 | 8.2 |  | 4526.0 |
| 19 NOV 2003 | 8.3 | 694 | 114.0 | 8.4 |  | 4538.3 |
| 16 DEC 2003 | 8.3 | 696 | 113.7 | 8.3 |  | 4560.9 |

\* Values Exceed Upper Control Limit

5MW57

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW58

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

| Date        |     |     |       |     |        |
|-------------|-----|-----|-------|-----|--------|
| 20 JAN 2003 | 9.1 | 691 | 118.6 | 8.5 | 4529.1 |
| 18 FEB 2003 | 8.7 | 698 | 117.2 | 8.6 | 4516.1 |
| 18 MAR 2003 | 8.6 | 701 | 114.9 | 8.6 | 4504.0 |
| 22 APR 2003 | 8.9 | 695 | 115.1 | 8.5 | 4505.1 |
| 19 MAY 2003 | 8.3 | 713 | 110.7 | 8.5 | 4515.9 |
| 16 JUN 2003 | 8.6 | 715 | 105.8 | 8.5 | 4511.6 |
| 21 JUL 2003 | 8.5 | 704 | 105.9 | 8.5 | 4509.3 |
| 18 AUG 2003 | 8.3 | 714 | 103.6 | 8.5 | 4506.5 |
| 16 SEP 2003 | 8.6 | 718 | 106.8 | 8.4 | 4505.0 |
| 21 OCT 2003 | 8.5 | 715 | 113.0 | 8.4 | 4512.1 |
| 17 NOV 2003 | 8.4 | 719 | 113.3 | 8.5 | 4517.7 |
| 16 DEC 2003 | 8.4 | 713 | 113.0 | 8.4 | 4553.0 |

\* Values Exceed Upper Control Limit

5MW58

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW59

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

| Date        |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 22 JAN 2003 | 8.8 | 682 | 117.0 | 8.2 |  | 4531.4 |
| 18 FEB 2003 | 8.8 | 695 | 118.3 | 8.4 |  | 4516.4 |
| 17 MAR 2003 | 8.6 | 697 | 114.1 | 8.2 |  | 4503.0 |
| 22 APR 2003 | 8.8 | 688 | 115.8 | 8.4 |  | 4510.9 |
| 19 MAY 2003 | 9.1 | 707 | 114.3 | 8.4 |  | 4518.4 |
| 16 JUN 2003 | 8.6 | 708 | 107.4 | 8.4 |  | 4513.4 |
| 21 JUL 2003 | 8.8 | 699 | 109.8 | 8.3 |  | 4515.6 |
| 18 AUG 2003 | 8.6 | 699 | 108.1 | 8.4 |  | 4519.3 |
| 16 SEP 2003 | 8.7 | 701 | 107.1 | 8.4 |  | 4511.8 |
| 20 OCT 2003 | 8.9 | 696 | 119.3 | 8.2 |  | 4519.2 |
| 19 NOV 2003 | 8.5 | 693 | 115.2 | 8.5 |  | 4526.4 |
| 16 DEC 2003 | 8.5 | 694 | 114.6 | 8.3 |  | 4558.0 |

\* Values Exceed Upper Control Limit

5MW59

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW60

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 23.7     | 779                  | 191.3                   |    |         |                       |

| Date        |      |     |   |       |     |        |
|-------------|------|-----|---|-------|-----|--------|
| 20 JAN 2003 | 9.4  | 834 | * | 182.9 | 8.3 | 4529.7 |
| 18 FEB 2003 | 9.0  | 848 | * | 178.1 | 8.4 | 4519.8 |
| 18 MAR 2003 | 9.1  | 820 | * | 176.6 | 8.2 | 4508.0 |
| 22 APR 2003 | 11.5 | 498 |   | 253.4 | 8.5 | 4508.4 |
| 19 MAY 2003 | 8.7  | 915 | * | 141.2 | 8.3 | 4518.6 |
| 16 JUN 2003 | 8.7  | 890 | * | 140.2 | 8.3 | 4514.4 |
| 21 JUL 2003 | 8.5  | 873 | * | 137.3 | 8.3 | 4512.8 |
| 18 AUG 2003 | 8.7  | 857 | * | 140.4 | 8.3 | 4510.8 |
| 16 SEP 2003 | 8.9  | 863 | * | 137.0 | 8.2 | 4509.6 |
| 21 OCT 2003 | 9.0  | 856 | * | 145.0 | 8.0 | 4516.0 |
| 17 NOV 2003 | 9.0  | 845 | * | 145.1 | 8.3 | 4525.2 |
| 16 DEC 2003 | 8.7  | 875 | * | 136.5 | 8.1 | 4552.8 |

\* Values Exceed Upper Control Limit

5MW60

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW61

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 22 JAN 2003 | 8.7 | 684 | 117.0 | 8.2 |  | 4536.0 |
| 18 FEB 2003 | 9.0 | 695 | 121.3 | 8.3 |  | 4525.6 |
| 17 MAR 2003 | 9.0 | 696 | 119.9 | 8.3 |  | 4516.0 |
| 22 APR 2003 | 8.9 | 686 | 117.5 | 8.3 |  | 4519.9 |
| 19 MAY 2003 | 8.7 | 705 | 114.9 | 8.3 |  | 4524.4 |
| 17 JUN 2003 | 8.2 | 698 | 104.0 | 8.4 |  | 4521.8 |
| 21 JUL 2003 | 8.4 | 698 | 105.6 | 8.3 |  | 4522.3 |
| 18 AUG 2003 | 8.5 | 699 | 106.5 | 8.3 |  | 4525.4 |
| 16 SEP 2003 | 8.6 | 701 | 107.6 | 8.3 |  | 4519.7 |
| 20 OCT 2003 | 9.0 | 696 | 120.3 | 8.2 |  | 4526.3 |
| 17 NOV 2003 | 8.2 | 693 | 114.5 | 8.4 |  | 4534.7 |
| 16 DEC 2003 | 8.4 | 695 | 113.4 | 8.2 |  | 4559.7 |

\* Values Exceed Upper Control Limit

5MW61

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW62

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 20 JAN 2003 | 9.9  | 769 | 121.4 | 8.3 |  | 4531.4 |
| 18 FEB 2003 | 10.1 | 774 | 123.6 | 8.3 |  | 4521.9 |
| 18 MAR 2003 | 10.0 | 755 | 119.5 | 8.3 |  | 4511.0 |
| 22 APR 2003 | 9.9  | 747 | 118.4 | 8.3 |  | 4511.1 |
| 19 MAY 2003 | 10.4 | 790 | 112.8 | 8.2 |  | 4520.9 |
| 16 JUN 2003 | 10.2 | 793 | 115.6 | 8.3 |  | 4516.7 |
| 21 JUL 2003 | 9.3  | 774 | 111.8 | 8.4 |  | 4515.5 |
| 18 AUG 2003 | 9.2  | 765 | 111.3 | 8.3 |  | 4514.1 |
| 16 SEP 2003 | 9.1  | 755 | 111.4 | 8.3 |  | 4513.0 |
| 21 OCT 2003 | 9.5  | 781 | 125.9 | 8.3 |  | 4519.0 |
| 17 NOV 2003 | 9.7  | 781 | 130.8 | 8.4 |  | 4526.7 |
| 16 DEC 2003 | 9.1  | 770 | 127.1 | 8.2 |  | 4552.7 |

\* Values Exceed Upper Control Limit

5MW62

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW63

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

| Date        |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 20 JAN 2003 | 9.4  | 671 | 115.5 | 8.4 |  | 4537.0 |
| 18 FEB 2003 | 11.1 | 619 | 105.6 | 8.7 |  | 4507.6 |
| 18 MAR 2003 | 11.2 | 614 | 103.4 | 8.6 |  | 4520.0 |
| 22 APR 2003 | 11.2 | 610 | 105.2 | 8.4 |  | 4521.9 |
| 19 MAY 2003 | 11.1 | 628 | 94.8  | 8.7 |  | 4529.7 |
| 16 JUN 2003 | 10.9 | 629 | 93.7  | 8.7 |  | 4524.6 |
| 21 JUL 2003 | 10.8 | 619 | 95.2  | 8.7 |  | 4525.0 |
| 18 AUG 2003 | 10.8 | 619 | 94.0  | 8.7 |  | 4527.7 |
| 16 SEP 2003 | 11.1 | 621 | 97.4  | 8.6 |  | 4521.2 |
| 20 OCT 2003 | 11.0 | 622 | 103.0 | 8.5 |  | 4529.8 |
| 17 NOV 2003 | 9.8  | 685 | 112.2 | 8.4 |  | 4536.3 |
| 16 DEC 2003 | 8.6  | 691 | 112.2 | 8.3 |  | 4559.3 |

\* Values Exceed Upper Control Limit

5MW63

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW64

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

| Date        |     |     |       |     |        |
|-------------|-----|-----|-------|-----|--------|
| 20 JAN 2003 | 9.0 | 751 | 113.8 | 8.5 | 4531.4 |
| 18 FEB 2003 | 8.8 | 765 | 113.0 | 8.4 | 4527.9 |
| 18 MAR 2003 | 9.0 | 772 | 112.2 | 8.4 | 4519.0 |
| 22 APR 2003 | 9.0 | 743 | 111.3 | 8.5 | 4518.2 |
| 19 MAY 2003 | 9.1 | 782 | 103.2 | 8.4 | 4527.1 |
| 16 JUN 2003 | 8.7 | 783 | 101.5 | 8.4 | 4522.7 |
| 21 JUL 2003 | 8.6 | 770 | 101.8 | 8.5 | 4523.1 |
| 18 AUG 2003 | 8.7 | 771 | 101.7 | 8.4 | 4522.6 |
| 16 SEP 2003 | 8.7 | 777 | 102.8 | 8.5 | 4521.9 |
| 21 OCT 2003 | 8.8 | 774 | 111.2 | 8.4 | 4526.7 |
| 17 NOV 2003 | 8.9 | 771 | 113.2 | 8.4 | 4531.4 |
| 16 DEC 2003 | 8.6 | 773 | 110.2 | 8.3 | 4554.4 |

\* Values Exceed Upper Control Limit

5MW64

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW65

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 24.9     | 734                  | 128.1                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 20 JAN 2003 | 11.1 | 699 | 114.8 | 8.4 |  | 4538.3 |
| 18 FEB 2003 | 11.9 | 702 | 115.1 | 8.4 |  | 4506.3 |
| 18 MAR 2003 | 11.9 | 707 | 114.1 | 8.4 |  | 4527.0 |
| 22 APR 2003 | 11.3 | 699 | 112.7 | 8.4 |  | 4527.7 |
| 19 MAY 2003 | 10.9 | 715 | 104.3 | 8.4 |  | 4535.1 |
| 17 JUN 2003 | 10.7 | 707 | 100.8 | 8.3 |  | 4530.1 |
| 21 JUL 2003 | 10.5 | 717 | 104.4 | 8.4 |  | 4531.2 |
| 18 AUG 2003 | 10.7 | 709 | 104.2 | 8.4 |  | 4533.9 |
| 16 SEP 2003 | 10.4 | 715 | 104.3 | 8.4 |  | 4532.0 |
| 20 OCT 2003 | 11.0 | 707 | 115.3 | 8.1 |  | 4536.3 |
| 17 NOV 2003 | 10.1 | 719 | 111.7 | 8.4 |  | 4540.5 |
| 16 DEC 2003 | 9.4  | 708 | 114.5 | 8.2 |  | 4560.1 |

\* Values Exceed Upper Control Limit

5MW65

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW66

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

| Date        |      |     |       |     |        |
|-------------|------|-----|-------|-----|--------|
| 20 JAN 2003 | 16.0 | 876 | 109.7 | 8.3 | 4533.6 |
| 18 FEB 2003 | 17.6 | 917 | 109.9 | 8.2 | 4531.9 |
| 18 MAR 2003 | 17.8 | 934 | 109.7 | 8.2 | 4524.0 |
| 22 APR 2003 | 16.5 | 917 | 103.6 | 8.3 | 4523.4 |
| 19 MAY 2003 | 16.0 | 939 | 95.7  | 8.3 | 4531.7 |
| 17 JUN 2003 | 11.6 | 912 | 87.2  | 8.3 | 4525.5 |
| 21 JUL 2003 | 11.8 | 906 | 93.3  | 8.3 | 4527.4 |
| 18 AUG 2003 | 11.4 | 866 | 94.1  | 8.3 | 4527.8 |
| 16 SEP 2003 | 10.8 | 862 | 90.4  | 8.3 | 4527.5 |
| 21 OCT 2003 | 13.0 | 903 | 98.6  | 8.2 | 4530.7 |
| 17 NOV 2003 | 13.0 | 901 | 100.7 | 8.3 | 4537.7 |
| 16 DEC 2003 | 14.8 | 927 | 106.3 | 8.1 | 4555.8 |

\* Values Exceed Upper Control Limit

5MW66

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW67

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 20 JAN 2003 | 7.7 | 838 | 94.9  | 8.3 |  | 4541.6 |
| 18 FEB 2003 | 7.5 | 847 | 95.6  | 8.2 |  | 4540.1 |
| 18 MAR 2003 | 7.6 | 845 | 94.7  | 8.2 |  | 4534.0 |
| 22 APR 2003 | 7.5 | 840 | 94.5  | 8.3 |  | 4541.3 |
| 19 MAY 2003 | 7.7 | 861 | 91.0  | 8.2 |  | 4541.0 |
| 17 JUN 2003 | 7.1 | 851 | 106.9 | 8.5 |  | 4534.8 |
| 21 JUL 2003 | 7.4 | 840 | 88.8  | 8.3 |  | 4507.6 |
| 18 AUG 2003 | 7.4 | 849 | 87.9  | 8.2 |  | 4540.5 |
| 16 SEP 2003 | 7.2 | 856 | 86.0  | 8.3 |  | 4539.1 |
| 20 OCT 2003 | 7.3 | 850 | 92.5  | 8.0 |  | 4543.2 |
| 17 NOV 2003 | 7.7 | 840 | 98.4  | 8.3 |  | 4548.6 |
| 16 DEC 2003 | 7.4 | 843 | 91.4  | 8.1 |  | 4561.4 |

\* Values Exceed Upper Control Limit

5MW67

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5MW69

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.7     | 1004                 | 134.3                   |    |         |                       |

| Date        |     |     |       |     |        |
|-------------|-----|-----|-------|-----|--------|
| 22 JAN 2003 | 9.2 | 670 | 115.6 | 8.3 | 4540.8 |
| 18 FEB 2003 | 9.2 | 664 | 115.5 | 8.4 | 4544.2 |
| 18 MAR 2003 | 9.3 | 670 | 116.6 | 8.4 | 4539.0 |
| 22 APR 2003 | 9.1 | 662 | 116.4 | 8.5 | 4538.6 |
| 19 MAY 2003 | 9.2 | 678 | 106.6 | 8.5 | 4545.9 |
| 18 JUN 2003 | 8.9 | 671 | 105.2 | 8.5 | 4540.4 |
| 21 JUL 2003 | 9.0 | 671 | 105.1 | 8.4 | 4544.0 |
| 18 AUG 2003 | 9.0 | 672 | 106.7 | 8.5 | 4544.3 |
| 16 SEP 2003 | 9.1 | 679 | 106.2 | 8.5 | 4544.5 |
| 21 OCT 2003 | 9.1 | 669 | 113.6 | 8.4 | 4549.5 |
| 17 NOV 2003 | 9.0 | 660 | 114.6 | 8.5 | 4548.6 |
| 15 DEC 2003 | 9.3 | 667 | 114.2 | 8.6 | 4561.4 |

\* Values Exceed Upper Control Limit

5MW69

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6MW17-2

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 20       | 1576                 | 95.2                    |    |         |                       |

| Date        |     |      |      |     |  |        |
|-------------|-----|------|------|-----|--|--------|
| 27 JAN 2003 | 5.6 | 1290 | 71.1 | 8.1 |  | 4499.1 |
| 24 FEB 2003 | 5.6 | 1298 | 73.1 | 8.1 |  | 4502.2 |
| 25 MAR 2003 | 5.1 | 1309 | 72.1 | 8.2 |  | 4520.1 |
| 28 APR 2003 | 5.1 | 1300 | 72.1 | 8.1 |  | 4521.7 |
| 27 MAY 2003 | 5.1 | 1331 | 64.8 | 8.2 |  | 4532.0 |
| 23 JUN 2003 | 5.1 | 1329 | 62.4 | 8.1 |  | 4531.8 |
| 29 JUL 2003 | 5.0 | 1320 | 65.5 | 8.2 |  | 4531.1 |
| 25 AUG 2003 | 5.0 | 1330 | 65.4 | 8.2 |  | 4531.4 |
| 22 SEP 2003 | 5.0 | 1339 | 65.9 | 8.1 |  | 4537.6 |
| 27 OCT 2003 | 5.0 | 1322 | 69.8 | 8.2 |  | 4519.2 |
| 25 NOV 2003 | 5.1 | 1322 | 71.2 | 8.2 |  | 4488.1 |
| 29 DEC 2003 | 5.0 | 1312 | 71.4 | 8.1 |  | 4474.9 |

\* Values Exceed Upper Control Limit

6MW17-2

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6MW19

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 20       | 1576                 | 95.2                    |    |         |                       |

| Date        |     |      |      |     |        |
|-------------|-----|------|------|-----|--------|
| 27 JAN 2003 | 5.2 | 1320 | 74.1 | 8.0 | 4539.9 |
| 24 FEB 2003 | 5.3 | 1324 | 74.5 | 8.1 | 4545.0 |
| 25 MAR 2003 | 5.2 | 1323 | 75.8 | 8.2 | 4564.0 |
| 28 APR 2003 | 5.2 | 1306 | 74.6 | 8.0 | 4566.1 |
| 27 MAY 2003 | 5.1 | 1340 | 68.4 | 8.1 | 4575.9 |
| 23 JUN 2003 | 5.2 | 1338 | 65.5 | 8.1 | 4577.0 |
| 29 JUL 2003 | 5.1 | 1340 | 68.7 | 8.1 | 4575.2 |
| 25 AUG 2003 | 4.9 | 1342 | 68.0 | 8.2 | 4575.2 |
| 22 SEP 2003 | 5.3 | 1353 | 71.2 | 8.1 | 4576.6 |
| 27 OCT 2003 | 5.4 | 1336 | 76.1 | 8.1 | 4561.8 |
| 25 NOV 2003 | 5.3 | 1323 | 73.0 | 8.2 | 4541.2 |
| 29 DEC 2003 | 5.1 | 1330 | 74.4 | 8.1 | 4527.6 |

\* Values Exceed Upper Control Limit

6MW19

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6MW21

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 20       | 1576                 | 95.2                    |    |         |                       |

| Date        |     |      |      |     |  |        |
|-------------|-----|------|------|-----|--|--------|
| 27 JAN 2003 | 5.3 | 1228 | 70.6 | 8.0 |  | 4534.5 |
| 24 FEB 2003 | 5.6 | 1229 | 79.0 | 8.1 |  | 4540.1 |
| 25 MAR 2003 | 5.7 | 1164 | 80.8 | 8.2 |  | 4561.0 |
| 28 APR 2003 | 6.0 | 1149 | 80.2 | 8.1 |  | 4566.0 |
| 27 MAY 2003 | 5.7 | 1207 | 71.9 | 8.2 |  | 4573.7 |
| 23 JUN 2003 | 6.0 | 1144 | 70.3 | 8.2 |  | 4574.4 |
| 29 JUL 2003 | 6.2 | 1134 | 76.4 | 8.3 |  | 4572.7 |
| 25 AUG 2003 | 5.8 | 1139 | 74.2 | 8.3 |  | 4572.7 |
| 22 SEP 2003 | 6.0 | 1137 | 74.3 | 8.2 |  | 4579.0 |
| 27 OCT 2003 | 5.2 | 1243 | 76.5 | 8.1 |  | 4567.9 |
| 25 NOV 2003 | 5.3 | 1242 | 77.2 | 8.2 |  | 4543.5 |
| 29 DEC 2003 | 5.3 | 1252 | 78.3 | 8.1 |  | 4528.7 |

\* Values Exceed Upper Control Limit

6MW21

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6MW23

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 20       | 1576                 | 95.2                    |    |         |                       |

| Date        |     |      |      |     |        |
|-------------|-----|------|------|-----|--------|
| 27 JAN 2003 | 5.6 | 1256 | 72.9 | 8.2 | 4531.7 |
| 24 FEB 2003 | 5.6 | 1257 | 74.3 | 8.3 | 4534.8 |
| 25 MAR 2003 | 5.2 | 1251 | 68.9 | 8.6 | 4558.0 |
| 28 APR 2003 | 5.6 | 1249 | 65.1 | 8.4 | 4561.4 |
| 27 MAY 2003 | 5.1 | 1268 | 64.1 | 8.3 | 4569.0 |
| 23 JUN 2003 | 5.1 | 1267 | 60.2 | 8.4 | 4570.7 |
| 29 JUL 2003 | 5.4 | 1254 | 60.9 | 8.5 | 4569.1 |
| 25 AUG 2003 | 5.1 | 1267 | 62.8 | 8.5 | 4569.1 |
| 22 SEP 2003 | 5.1 | 1274 | 63.5 | 8.4 | 4575.4 |
| 27 OCT 2003 | 5.4 | 1259 | 70.8 | 8.4 | 4578.2 |
| 25 NOV 2003 | 5.7 | 1241 | 70.0 | 8.5 | 4551.4 |
| 29 DEC 2003 | 5.3 | 1236 | 68.3 | 8.4 | 4539.5 |

\* Values Exceed Upper Control Limit

6MW23

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6MW25

COGEMA Mining Inc.  
CHRISTENSEN RANCH  
PERIMETER ORE ZONE MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 20       | 1576                 | 95.2                    |    |         |                       |

## Date

|             |     |      |      |     |  |        |
|-------------|-----|------|------|-----|--|--------|
| 27 JAN 2003 | 5.6 | 1261 | 74.6 | 8.2 |  | 4526.5 |
| 24 FEB 2003 | 5.6 | 1257 | 74.8 | 8.3 |  | 4537.2 |
| 25 MAR 2003 | 6.1 | 1254 | 67.2 | 8.0 |  | 4556.0 |
| 28 APR 2003 | 5.3 | 1251 | 70.2 | 8.3 |  | 4559.2 |
| 27 MAY 2003 | 5.3 | 1263 | 64.9 | 8.4 |  | 4567.3 |
| 24 JUN 2003 | 5.6 | 1257 | 64.4 | 8.5 |  | 4566.2 |
| 29 JUL 2003 | 5.2 | 1261 | 63.1 | 8.4 |  | 4566.5 |
| 25 AUG 2003 | 5.3 | 1268 | 64.8 | 8.3 |  | 4566.5 |
| 23 SEP 2003 | 5.3 | 1270 | 64.7 | 8.0 |  | 4572.8 |
| 27 OCT 2003 | 5.4 | 1264 | 73.8 | 8.1 |  | 4588.9 |
| 25 NOV 2003 | 5.3 | 1263 | 73.4 | 8.3 |  | 4561.8 |
| 29 DEC 2003 | 5.4 | 1258 | 72.0 | 8.1 |  | 4551.8 |

\* Values Exceed Upper Control Limit

6MW25

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6MW27

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 20       | 1576                 | 95.2                    |    |         |                       |

## Date

|             |     |      |      |     |  |        |
|-------------|-----|------|------|-----|--|--------|
| 27 JAN 2003 | 5.5 | 1259 | 68.2 | 8.2 |  | 4519.7 |
| 24 FEB 2003 | 5.6 | 1257 | 67.9 | 8.3 |  | 4534.1 |
| 23 MAR 2003 | 5.6 | 1256 | 71.3 | 8.2 |  | 4555.0 |
| 21 APR 2003 | 5.6 | 1252 | 73.1 | 8.3 |  | 4559.9 |
| 27 MAY 2003 | 5.6 | 1266 | 65.7 | 8.5 |  | 4570.3 |
| 24 JUN 2003 | 5.4 | 1265 | 63.7 | 8.6 |  | 4568.0 |
| 29 JUL 2003 | 5.4 | 1265 | 66.1 | 8.5 |  | 4566.4 |
| 25 AUG 2003 | 6.1 | 1274 | 70.7 | 8.4 |  | 4565.9 |
| 23 SEP 2003 | 5.4 | 1280 | 68.9 | 8.4 |  | 4572.6 |
| 27 OCT 2003 | 5.7 | 1272 | 73.1 | 8.3 |  | 4609.1 |
| 25 NOV 2003 | 5.8 | 1275 | 74.0 | 8.4 |  | 4590.0 |
| 29 DEC 2003 | 5.7 | 1282 | 73.4 | 8.2 |  | 4590.9 |

\* Values Exceed Upper Control Limit

6MW27

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6MW29

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 20       | 1576                 | 95.2                    |    |         |                       |

## Date

|             |     |      |      |      |  |        |
|-------------|-----|------|------|------|--|--------|
| 27 JAN 2003 | 6.0 | 1300 | 86.6 | 10.5 |  | 4513.8 |
| 24 FEB 2003 | 5.4 | 1244 | 77.5 | 9.1  |  | 4533.4 |
| 30 MAR 2003 | 5.3 | 1106 | 68.3 | 8.5  |  | 4554.0 |
| 28 MAY 2003 | 5.7 | 1271 | 63.9 | 8.9  |  | 4566.5 |
| 23 JUN 2003 | 5.7 | 1258 | 62.1 | 8.9  |  | 4567.3 |
| 29 JUL 2003 | 5.5 | 1259 | 65.2 | 8.9  |  | 4565.4 |
| 25 AUG 2003 | 5.4 | 1258 | 62.8 | 8.9  |  | 4565.7 |
| 23 SEP 2003 | 5.4 | 1264 | 64.5 | 8.8  |  | 4572.0 |
| 27 OCT 2003 | 5.6 | 1282 | 75.5 | 8.7  |  | 4614.5 |
| 25 NOV 2003 | 5.8 | 1309 | 84.1 | 8.7  |  | 4600.6 |
| 29 DEC 2003 | 6.3 | 1320 | 86.9 | 8.5  |  | 4625.1 |

\* Values Exceed Upper Control Limit

6MW29

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## PERIMETER ORE ZONE MONITOR WELL

Mine Unit 6  
Well I.D. 6MW31

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 20       | 1576                 | 95.2                    |    |         |                       |

| Date        |     |      |      |     |        |
|-------------|-----|------|------|-----|--------|
| 27 JAN 2003 | 5.5 | 1268 | 68.9 | 8.5 | 4517.8 |
| 24 FEB 2003 | 5.2 | 1283 | 73.9 | 8.3 | 4529.0 |
| 30 MAR 2003 | 5.7 | 1262 | 67.3 | 8.5 | 4555.0 |
| 28 APR 2003 | 5.4 | 1272 | 72.9 | 8.6 | 4559.3 |
| 27 MAY 2003 | 5.6 | 1306 | 66.8 | 8.5 | 4567.2 |
| 23 JUN 2003 | 5.7 | 1293 | 66.4 | 8.5 | 4568.0 |
| 29 JUL 2003 | 5.9 | 1285 | 70.1 | 8.5 | 4568.9 |
| 25 AUG 2003 | 6.2 | 1299 | 71.3 | 8.4 | 4569.8 |
| 22 SEP 2003 | 6.1 | 1307 | 70.0 | 8.4 | 4577.1 |
| 29 OCT 2003 | 7.0 | 1321 | 83.0 | 8.2 | 4578.2 |
| 24 NOV 2003 | 8.3 | 1326 | 83.5 | 8.1 | 4547.2 |
| 28 DEC 2003 | 8.4 | 1329 | 81.2 | 7.9 | 4532.6 |

\* Values Exceed Upper Control Limit

6MW31

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6MW33

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 20       | 1576                 | 95.2                    |    |         |                       |

| Date        |     |      |      |     |  |        |
|-------------|-----|------|------|-----|--|--------|
| 27 JAN 2003 | 5.4 | 1284 | 75.0 | 8.1 |  | 4507.4 |
| 24 FEB 2003 | 5.5 | 1270 | 76.8 | 8.1 |  | 4529.4 |
| 25 MAR 2003 | 5.1 | 1283 | 74.5 | 8.2 |  | 4550.0 |
| 28 APR 2003 | 5.3 | 1276 | 71.1 | 8.6 |  | 4555.2 |
| 27 MAY 2003 | 5.4 | 1306 | 68.9 | 8.2 |  | 4562.6 |
| 23 JUN 2003 | 5.3 | 1288 | 66.1 | 8.1 |  | 4563.3 |
| 29 JUL 2003 | 5.4 | 1287 | 71.6 | 8.2 |  | 4561.6 |
| 25 AUG 2003 | 5.1 | 1291 | 69.8 | 8.1 |  | 4564.9 |
| 22 SEP 2003 | 5.2 | 1293 | 68.5 | 8.1 |  | 4570.8 |
| 27 OCT 2003 | 5.0 | 1296 | 73.1 | 8.0 |  | 4568.0 |
| 24 NOV 2003 | 5.4 | 1282 | 74.5 | 8.2 |  | 4549.0 |
| 29 DEC 2003 | 5.2 | 1291 | 73.0 | 7.9 |  | 4540.3 |

\* Values Exceed Upper Control Limit

6MW33

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## PERIMETER ORE ZONE MONITOR WELL

Mine Unit 6  
Well I.D. 6MW34

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 20       | 1576                 | 95.2                    |    |         |                       |

## Date

|             |     |      |      |     |  |        |
|-------------|-----|------|------|-----|--|--------|
| 27 JAN 2003 | 5.1 | 1345 | 69.7 | 8.0 |  | 4544.1 |
| 24 FEB 2003 | 5.2 | 1348 | 70.3 | 8.1 |  | 4550.6 |
| 25 MAR 2003 | 5.1 | 1341 | 73.2 | 8.2 |  | 4567.0 |
| 28 APR 2003 | 5.6 | 1340 | 79.1 | 8.0 |  | 4569.5 |
| 27 MAY 2003 | 5.1 | 1379 | 67.0 | 8.1 |  | 4579.6 |
| 23 JUN 2003 | 4.9 | 1364 | 61.3 | 8.2 |  | 4580.4 |
| 29 JUL 2003 | 5.0 | 1355 | 65.3 | 8.1 |  | 4579.1 |
| 25 AUG 2003 | 4.9 | 1365 | 64.5 | 8.2 |  | 4579.2 |
| 22 SEP 2003 | 5.1 | 1370 | 66.8 | 8.1 |  | 4585.3 |
| 27 OCT 2003 | 4.9 | 1354 | 70.0 | 8.1 |  | 4556.4 |
| 25 NOV 2003 | 4.9 | 1353 | 70.4 | 8.2 |  | 4532.9 |
| 29 DEC 2003 | 4.9 | 1355 | 69.2 | 8.1 |  | 4520.2 |

\* Values Exceed Upper Control Limit

6MW34

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6MW35

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 20       | 1576                 | 95.2                    |    |         |                       |

| Date        |     |      |      |     |  |        |
|-------------|-----|------|------|-----|--|--------|
| 27 JAN 2003 | 5.5 | 1286 | 77.3 | 7.9 |  | 4504.9 |
| 24 FEB 2003 | 5.5 | 1266 | 78.2 | 7.9 |  | 4527.0 |
| 25 MAR 2003 | 5.2 | 1280 | 77.5 | 7.9 |  | 4548.0 |
| 28 APR 2003 | 6.0 | 1277 | 72.1 | 8.1 |  | 4552.7 |
| 27 MAY 2003 | 5.1 | 1307 | 69.6 | 8.0 |  | 4559.5 |
| 23 JUN 2003 | 5.1 | 1289 | 66.5 | 8.0 |  | 4559.5 |
| 29 JUL 2003 | 5.2 | 1290 | 71.4 | 7.9 |  | 4559.1 |
| 25 AUG 2003 | 5.3 | 1294 | 71.1 | 7.9 |  | 4561.2 |
| 22 SEP 2003 | 5.1 | 1294 | 69.1 | 7.9 |  | 4567.0 |
| 27 OCT 2003 | 4.9 | 1291 | 73.8 | 7.8 |  | 4564.9 |
| 24 NOV 2003 | 5.0 | 1284 | 75.9 | 7.9 |  | 4550.1 |
| 29 DEC 2003 | 5.0 | 1286 | 76.3 | 7.8 |  | 4540.9 |

\* Values Exceed Upper Control Limit

6MW35

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6MW36

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 20       | 1576                 | 95.2                    |    |         |                       |

## Date

|             |     |      |      |     |  |        |
|-------------|-----|------|------|-----|--|--------|
| 27 JAN 2003 | 6.0 | 1212 | 73.7 | 8.1 |  | 4545.3 |
| 24 FEB 2003 | 6.3 | 1208 | 73.3 | 8.0 |  | 4550.6 |
| 30 MAR 2003 | 6.3 | 1211 | 75.2 | 8.0 |  | 4568.0 |
| 28 APR 2003 | 5.2 | 1208 | 77.5 | 7.9 |  | 4571.8 |
| 27 MAY 2003 | 6.0 | 1222 | 67.1 | 8.1 |  | 4579.2 |
| 25 JUN 2003 | 5.8 | 1231 | 67.0 | 8.2 |  | 4580.5 |
| 28 JUL 2003 | 5.8 | 1202 | 69.9 | 8.2 |  | 4578.7 |
| 25 AUG 2003 | 5.8 | 1222 | 66.6 | 8.2 |  | 4578.7 |
| 22 SEP 2003 | 5.8 | 1227 | 67.7 | 8.2 |  | 4585.1 |
| 27 OCT 2003 | 5.9 | 1220 | 73.3 | 8.0 |  | 4560.7 |
| 25 NOV 2003 | 5.9 | 1212 | 73.6 | 8.2 |  | 4532.0 |
| 29 DEC 2003 | 5.8 | 1214 | 73.2 | 8.1 |  | 4518.7 |

\* Values Exceed Upper Control Limit

6MW36

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6MW37

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 20       | 1576                 | 95.2                    |    |         |                       |

## Date

|             |     |      |      |     |  |        |
|-------------|-----|------|------|-----|--|--------|
| 27 JAN 2003 | 5.7 | 1233 | 68.4 | 8.2 |  | 4509.1 |
| 24 FEB 2003 | 6.0 | 1215 | 68.7 | 8.3 |  | 4525.6 |
| 25 MAR 2003 | 5.3 | 1265 | 73.1 | 8.2 |  | 4546.0 |
| 28 APR 2003 | 5.2 | 1271 | 74.2 | 8.0 |  | 4550.7 |
| 27 MAY 2003 | 5.2 | 1300 | 67.9 | 8.1 |  | 4558.1 |
| 23 JUN 2003 | 5.3 | 1287 | 65.6 | 8.1 |  | 4557.0 |
| 28 JUL 2003 | 5.0 | 1290 | 68.6 | 8.0 |  | 4557.0 |
| 25 AUG 2003 | 5.1 | 1293 | 69.4 | 8.1 |  | 4558.2 |
| 22 SEP 2003 | 5.1 | 1294 | 69.6 | 8.0 |  | 4564.8 |
| 27 OCT 2003 | 5.0 | 1289 | 73.3 | 8.0 |  | 4561.7 |
| 24 NOV 2003 | 5.3 | 1271 | 71.2 | 8.0 |  | 4545.2 |
| 29 DEC 2003 | 5.4 | 1214 | 58.9 | 8.1 |  | 4534.6 |

\* Values Exceed Upper Control Limit

6MW37

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6MW38

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 20       | 1576                 | 95.2                    |    |         |                       |

## Date

|             |     |      |      |     |  |        |
|-------------|-----|------|------|-----|--|--------|
| 27 JAN 2003 | 5.0 | 1326 | 72.0 | 8.2 |  | 4542.5 |
| 24 FEB 2003 | 5.8 | 1327 | 76.5 | 8.1 |  | 4547.2 |
| 30 MAR 2003 | 5.3 | 1329 | 72.4 | 8.0 |  | 4567.0 |
| 28 APR 2003 | 6.0 | 1330 | 73.3 | 8.2 |  | 4571.2 |
| 27 MAY 2003 | 5.8 | 1355 | 66.7 | 8.1 |  | 4577.9 |
| 25 JUN 2003 | 4.9 | 1346 | 66.9 | 8.2 |  | 4579.1 |
| 28 JUL 2003 | 4.9 | 1350 | 67.1 | 8.2 |  | 4578.3 |
| 25 AUG 2003 | 5.0 | 1350 | 67.9 | 8.1 |  | 4577.7 |
| 22 SEP 2003 | 4.9 | 1350 | 67.8 | 8.2 |  | 4583.8 |
| 27 OCT 2003 | 5.1 | 1333 | 71.2 | 8.0 |  | 4563.6 |
| 25 NOV 2003 | 5.4 | 1325 | 70.6 | 8.2 |  | 4534.2 |
| 29 DEC 2003 | 5.1 | 1328 | 70.9 | 8.1 |  | 4520.8 |

\* Values Exceed Upper Control Limit

6MW38

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6MW39

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 20       | 1576                 | 95.2                    |    |         |                       |

## Date

|             |     |      |      |     |  |        |
|-------------|-----|------|------|-----|--|--------|
| 27 JAN 2003 | 5.6 | 1248 | 59.4 | 8.5 |  | 4514.0 |
| 24 FEB 2003 | 5.6 | 1230 | 60.3 | 8.5 |  | 4523.9 |
| 25 MAR 2003 | 5.6 | 1243 | 61.6 | 8.4 |  | 4543.0 |
| 28 APR 2003 | 5.4 | 1252 | 65.0 | 8.3 |  | 4545.0 |
| 27 MAY 2003 | 5.4 | 1287 | 59.5 | 8.2 |  | 4554.3 |
| 23 JUN 2003 | 5.2 | 1263 | 54.6 | 8.4 |  | 4553.1 |
| 28 JUL 2003 | 5.8 | 1266 | 57.7 | 8.3 |  | 4554.9 |
| 25 AUG 2003 | 5.3 | 1284 | 62.6 | 8.1 |  | 4552.9 |
| 22 SEP 2003 | 6.4 | 1284 | 66.2 | 7.9 |  | 4558.8 |
| 27 OCT 2003 | 5.4 | 1273 | 67.1 | 8.3 |  | 4557.5 |
| 24 NOV 2003 | 5.3 | 1260 | 64.8 | 8.5 |  | 4538.0 |
| 28 DEC 2003 | 5.5 | 1260 | 61.8 | 8.0 |  | 4536.0 |

\* Values Exceed Upper Control Limit

6MW39

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6MW40

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 20       | 1576                 | 95.2                    |    |         |                       |

| Date        |     |      |      |     |        |
|-------------|-----|------|------|-----|--------|
| 27 JAN 2003 | 5.2 | 1340 | 65.8 | 8.3 | 4539.7 |
| 24 FEB 2003 | 5.3 | 1343 | 67.2 | 8.2 | 4546.0 |
| 30 MAR 2003 | 5.3 | 1344 | 66.7 | 8.1 | 4563.0 |
| 28 APR 2003 | 4.9 | 1342 | 72.3 | 8.1 | 4567.3 |
| 27 MAY 2003 | 5.1 | 1361 | 65.0 | 8.3 | 4575.5 |
| 25 JUN 2003 | 4.9 | 1363 | 61.2 | 8.4 | 4576.9 |
| 28 JUL 2003 | 4.9 | 1362 | 62.8 | 8.3 | 4574.2 |
| 25 AUG 2003 | 5.0 | 1366 | 62.0 | 8.2 | 4575.4 |
| 22 SEP 2003 | 5.0 | 1368 | 62.0 | 8.3 | 4581.5 |
| 27 OCT 2003 | 5.1 | 1349 | 69.7 | 8.0 | 4565.1 |
| 25 NOV 2003 | 5.4 | 1340 | 72.2 | 8.3 | 4550.8 |
| 29 DEC 2003 | 5.3 | 1342 | 71.9 | 8.1 | 4525.5 |

\* Values Exceed Upper Control Limit

6MW40

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

Mine Unit 6  
Well I.D. 6MW41

## PERIMETER ORE ZONE MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 20       | 1576                 | 95.2                    |    |         |                       |

## Date

|             |     |      |      |     |  |        |
|-------------|-----|------|------|-----|--|--------|
| 27 JAN 2003 | 5.6 | 1280 | 78.4 | 7.9 |  | 4502.5 |
| 24 FEB 2003 | 5.6 | 1265 | 78.7 | 8.1 |  | 4521.9 |
| 25 MAR 2003 | 5.6 | 1273 | 79.0 | 8.1 |  | 4545.0 |
| 28 APR 2003 | 5.5 | 1273 | 77.6 | 8.1 |  | 4546.1 |
| 27 MAY 2003 | 5.8 | 1302 | 73.0 | 8.1 |  | 4553.9 |
| 23 JUN 2003 | 5.4 | 1283 | 69.0 | 8.2 |  | 4552.7 |
| 28 JUL 2003 | 5.4 | 1287 | 73.3 | 8.1 |  | 4552.2 |
| 25 AUG 2003 | 5.5 | 1293 | 75.2 | 8.2 |  | 4552.3 |
| 22 SEP 2003 | 5.5 | 1294 | 75.1 | 8.1 |  | 4557.7 |
| 27 OCT 2003 | 5.3 | 1291 | 79.3 | 8.1 |  | 4557.4 |
| 24 NOV 2003 | 5.3 | 1280 | 80.5 | 8.1 |  | 4537.3 |
| 28 DEC 2003 | 5.8 | 1280 | 79.8 | 7.8 |  | 4534.1 |

\* Values Exceed Upper Control Limit

6MW41

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6MW42

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 20       | 1576                 | 95.2                    |    |         |                       |

## Date

|             |     |      |      |     |  |        |
|-------------|-----|------|------|-----|--|--------|
| 27 JAN 2003 | 5.1 | 1340 | 70.4 | 8.0 |  | 4539.7 |
| 24 FEB 2003 | 5.2 | 1339 | 69.6 | 8.1 |  | 4544.3 |
| 30 MAR 2003 | 5.5 | 1339 | 69.0 | 7.9 |  | 4562.0 |
| 28 APR 2003 | 4.9 | 1338 | 66.6 | 8.3 |  | 4567.2 |
| 27 MAY 2003 | 5.1 | 1358 | 65.7 | 8.1 |  | 4575.2 |
| 23 JUN 2003 | 5.2 | 1354 | 62.2 | 8.1 |  | 4575.9 |
| 29 JUL 2003 | 4.9 | 1355 | 63.5 | 8.1 |  | 4574.3 |
| 25 AUG 2003 | 5.0 | 1357 | 65.4 | 8.1 |  | 4574.5 |
| 22 SEP 2003 | 5.0 | 1359 | 63.2 | 8.1 |  | 4579.1 |
| 27 OCT 2003 | 5.0 | 1357 | 69.7 | 7.9 |  | 4566.5 |
| 25 NOV 2003 | 4.8 | 1355 | 70.0 | 8.1 |  | 4543.5 |
| 29 DEC 2003 | 4.9 | 1352 | 68.5 | 7.8 |  | 4531.4 |

\* Values Exceed Upper Control Limit

6MW42

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6MW43

COGEMA Mining Inc.  
CHRISTENSEN RANCH  
PERIMETER ORE ZONE MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 20       | 1576                 | 95.2                    |    |         |                       |

## Date

|             |     |      |      |     |  |        |
|-------------|-----|------|------|-----|--|--------|
| 27 JAN 2003 | 5.2 | 1288 | 77.1 | 8.1 |  | 4500.8 |
| 24 FEB 2003 | 5.5 | 1271 | 78.7 | 8.1 |  | 4522.6 |
| 25 MAR 2003 | 5.6 | 1281 | 78.6 | 8.1 |  | 4543.0 |
| 28 APR 2003 | 5.5 | 1283 | 78.4 | 8.1 |  | 4548.7 |
| 27 MAY 2003 | 5.5 | 1321 | 71.9 | 8.0 |  | 4553.2 |
| 23 JUN 2003 | 5.2 | 1293 | 68.5 | 8.2 |  | 4552.0 |
| 28 JUL 2003 | 5.4 | 1296 | 71.8 | 8.1 |  | 4551.8 |
| 25 AUG 2003 | 5.1 | 1300 | 71.1 | 8.2 |  | 4551.8 |
| 22 SEP 2003 | 5.3 | 1302 | 72.4 | 8.0 |  | 4558.1 |
| 27 OCT 2003 | 5.4 | 1297 | 79.5 | 8.1 |  | 4556.7 |
| 24 NOV 2003 | 5.3 | 1291 | 78.7 | 8.1 |  | 4540.4 |
| 28 DEC 2003 | 5.8 | 1290 | 78.6 | 7.8 |  | 4537.2 |

\* Values Exceed Upper Control Limit

6MW43

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6MW44

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 20       | 1576                 | 95.2                    |    |         |                       |

## Date

|             |     |      |      |     |  |        |
|-------------|-----|------|------|-----|--|--------|
| 27 JAN 2003 | 5.5 | 1327 | 71.5 | 8.2 |  | 4537.0 |
| 24 FEB 2003 | 5.3 | 1336 | 71.6 | 8.2 |  | 4542.8 |
| 25 MAR 2003 | 5.1 | 1339 | 69.4 | 8.3 |  | 4560.0 |
| 28 APR 2003 | 5.2 | 1328 | 70.6 | 8.1 |  | 4565.2 |
| 27 MAY 2003 | 5.2 | 1352 | 63.4 | 8.2 |  | 4570.9 |
| 23 JUN 2003 | 5.0 | 1347 | 60.8 | 8.3 |  | 4573.6 |
| 28 JUL 2003 | 5.1 | 1345 | 62.5 | 8.3 |  | 4572.3 |
| 25 AUG 2003 | 4.9 | 1346 | 62.3 | 8.5 |  | 4575.0 |
| 22 SEP 2003 | 5.1 | 1353 | 62.8 | 8.2 |  | 4578.8 |
| 27 OCT 2003 | 5.0 | 1359 | 69.6 | 8.2 |  | 4566.9 |
| 25 NOV 2003 | 5.2 | 1354 | 70.2 | 8.3 |  | 4542.6 |
| 29 DEC 2003 | 5.0 | 1358 | 69.2 | 8.1 |  | 4529.9 |

\* Values Exceed Upper Control Limit

6MW44

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6MW45

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 20       | 1576                 | 95.2                    |    |         |                       |

| Date        |     |      |      |     |        |
|-------------|-----|------|------|-----|--------|
| 27 JAN 2003 | 5.5 | 1289 | 74.9 | 8.0 | 4495.4 |
| 24 FEB 2003 | 5.6 | 1274 | 76.7 | 7.9 | 4530.1 |
| 25 MAR 2003 | 5.5 | 1282 | 76.5 | 8.0 | 4538.0 |
| 28 APR 2003 | 5.3 | 1280 | 75.1 | 8.0 | 4544.0 |
| 27 MAY 2003 | 5.4 | 1310 | 69.4 | 7.9 | 4552.3 |
| 23 JUN 2003 | 5.1 | 1292 | 65.9 | 8.1 | 4551.2 |
| 28 JUL 2003 | 5.4 | 1293 | 69.9 | 7.9 | 4550.7 |
| 25 AUG 2003 | 5.2 | 1297 | 69.9 | 8.0 | 4551.0 |
| 22 SEP 2003 | 5.3 | 1301 | 71.1 | 8.0 | 4555.4 |
| 27 OCT 2003 | 5.3 | 1295 | 75.2 | 7.8 | 4554.5 |
| 24 NOV 2003 | 5.3 | 1287 | 76.1 | 7.8 | 4555.4 |
| 28 DEC 2003 | 5.5 | 1285 | 73.4 | 7.5 | 4533.1 |

\* Values Exceed Upper Control Limit

6MW45

Negative U308 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## PERIMETER ORE ZONE MONITOR WELL

2003

Mine Unit 6  
Well I.D. 6MW46

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 20.6     | 2427                 | 89.2                    |    |         |                       |

## Date

|             |     |      |      |     |  |        |
|-------------|-----|------|------|-----|--|--------|
| 27 JAN 2003 | 6.6 | 1410 | 78.3 | 8.0 |  | 4529.8 |
| 24 FEB 2003 | 6.4 | 1418 | 76.5 | 7.9 |  | 4540.1 |
| 25 MAR 2003 | 5.7 | 1395 | 74.0 | 8.2 |  | 4558.0 |
| 28 APR 2003 | 5.1 | 1403 | 67.8 | 8.2 |  | 4562.8 |
| 27 MAY 2003 | 5.7 | 1441 | 66.9 | 8.4 |  | 4570.9 |
| 23 JUN 2003 | 5.7 | 1420 | 65.1 | 8.3 |  | 4571.8 |
| 28 JUL 2003 | 5.9 | 1422 | 70.6 | 8.2 |  | 4570.3 |
| 25 AUG 2003 | 6.1 | 1421 | 69.9 | 8.3 |  | 4573.8 |
| 22 SEP 2003 | 5.7 | 1416 | 68.0 | 8.2 |  | 4576.9 |
| 27 OCT 2003 | 5.1 | 1395 | 70.9 | 8.0 |  | 4575.6 |
| 25 NOV 2003 | 5.8 | 1417 | 73.8 | 8.1 |  | 4550.3 |
| 29 DEC 2003 | 6.5 | 1450 | 75.4 | 7.9 |  | 4535.5 |

\* Values Exceed Upper Control Limit

6MW46

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6MW47

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 20       | 1576                 | 95.2                    |    |         |                       |

| Date        |     |      |      |     |  |        |
|-------------|-----|------|------|-----|--|--------|
| 27 JAN 2003 | 5.6 | 1270 | 75.8 | 8.0 |  | 4493.3 |
| 24 FEB 2003 | 5.8 | 1253 | 76.1 | 8.0 |  | 4519.0 |
| 23 MAR 2003 | 5.5 | 1265 | 77.1 | 8.1 |  | 4541.0 |
| 21 APR 2003 | 5.6 | 1266 | 75.9 | 8.1 |  | 4546.2 |
| 27 MAY 2003 | 5.4 | 1306 | 69.2 | 8.2 |  | 4553.2 |
| 23 JUN 2003 | 5.3 | 1280 | 66.6 | 8.2 |  | 4552.4 |
| 28 JUL 2003 | 5.5 | 1283 | 72.3 | 8.1 |  | 4551.6 |
| 25 AUG 2003 | 5.3 | 1287 | 70.8 | 8.1 |  | 4552.3 |
| 22 SEP 2003 | 5.2 | 1287 | 68.9 | 8.1 |  | 4556.1 |
| 27 OCT 2003 | 5.3 | 1284 | 75.4 | 7.9 |  | 4556.2 |
| 24 NOV 2003 | 5.8 | 1272 | 78.0 | 8.0 |  | 4543.5 |
| 21 DEC 2003 | 5.8 | 1272 | 74.1 | 7.6 |  | 4540.5 |

\* Values Exceed Upper Control Limit

6MW47

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

Mine Unit 6  
Well I.D. 6MW48-3

## PERIMETER ORE ZONE MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezomet. Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|---------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                 |
| Upper Control Limit      | 20       | 1576                 | 95.2                    |    |         |                     |

## Date

|             |     |      |      |     |  |        |
|-------------|-----|------|------|-----|--|--------|
| 27 JAN 2003 | 5.3 | 1329 | 68.4 | 8.4 |  | 4527.0 |
| 24 FEB 2003 | 5.6 | 1326 | 69.6 | 8.0 |  | 4538.8 |
| 25 MAR 2003 | 5.3 | 1331 | 72.8 | 8.8 |  | 4558.8 |
| 28 APR 2003 | 5.9 | 1338 | 73.4 | 8.2 |  | 4560.8 |
| 27 MAY 2003 | 5.3 | 1358 | 67.9 | 8.8 |  | 4570.0 |
| 23 JUN 2003 | 5.2 | 1358 | 65.1 | 8.1 |  | 4571.1 |
| 28 JUL 2003 | 5.2 | 1360 | 69.3 | 8.2 |  | 4570.2 |
| 25 AUG 2003 | 5.4 | 1365 | 71.2 | 8.4 |  | 4572.6 |
| 22 SEP 2003 | 5.5 | 1368 | 71.3 | 8.1 |  | 4576.9 |
| 27 OCT 2003 | 5.4 | 1361 | 76.5 | 8.0 |  | 4576.6 |
| 25 NOV 2003 | 5.5 | 1349 | 72.3 | 8.2 |  | 4560.7 |
| 29 DEC 2003 | 5.2 | 1348 | 67.7 | 8.0 |  | 4527.4 |

\* Values Exceed Upper Control Limit

6MW48-3

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6MW49

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 20       | 1576                 | 95.2                    |    |         |                       |

| Date        |     |      |      |     |  |        |
|-------------|-----|------|------|-----|--|--------|
| 27 JAN 2003 | 5.6 | 1283 | 75.2 | 7.9 |  | 4489.2 |
| 24 FEB 2003 | 5.7 | 1269 | 76.1 | 7.8 |  | 4520.1 |
| 25 MAR 2003 | 5.6 | 1285 | 76.1 | 7.9 |  | 4543.0 |
| 28 APR 2003 | 5.6 | 1275 | 75.0 | 7.9 |  | 4548.9 |
| 27 MAY 2003 | 5.7 | 1303 | 69.3 | 7.8 |  | 4555.1 |
| 23 JUN 2003 | 5.7 | 1287 | 67.8 | 7.9 |  | 4553.9 |
| 28 JUL 2003 | 5.4 | 1290 | 67.9 | 7.8 |  | 4553.8 |
| 25 AUG 2003 | 5.3 | 1296 | 68.4 | 7.9 |  | 4553.3 |
| 22 SEP 2003 | 5.3 | 1295 | 68.5 | 7.9 |  | 4556.6 |
| 27 OCT 2003 | 5.3 | 1292 | 71.9 | 7.7 |  | 4557.9 |
| 24 NOV 2003 | 5.4 | 1285 | 74.9 | 7.7 |  | 4547.4 |
| 28 DEC 2003 | 5.9 | 1287 | 74.1 | 7.4 |  | 4544.9 |

\* Values Exceed Upper Control Limit

6MW49

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## PERIMETER ORE ZONE MONITOR WELL

Mine Unit 6  
Well I.D. 6MW50

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 20       | 1576                 | 95.2                    |    |         |                       |

## Date

|             |     |      |      |     |  |        |
|-------------|-----|------|------|-----|--|--------|
| 27 JAN 2003 | 5.1 | 1325 | 72.7 | 8.1 |  | 4524.4 |
| 24 FEB 2003 | 5.6 | 1318 | 72.6 | 7.9 |  | 4533.3 |
| 25 MAR 2003 | 7.3 | 1336 | 70.5 | 7.9 |  | 4556.0 |
| 28 APR 2003 | 5.8 | 1324 | 72.7 | 8.1 |  | 4560.6 |
| 27 MAY 2003 | 5.1 | 1359 | 67.1 | 8.2 |  | 4568.2 |
| 23 JUN 2003 | 5.2 | 1342 | 63.5 | 8.1 |  | 4567.9 |
| 28 JUL 2003 | 5.5 | 1345 | 67.3 | 8.0 |  | 4567.5 |
| 25 AUG 2003 | 5.2 | 1346 | 67.4 | 8.2 |  | 4570.7 |
| 22 SEP 2003 | 5.0 | 1349 | 67.5 | 8.1 |  | 4574.0 |
| 27 OCT 2003 | 5.4 | 1346 | 72.3 | 8.0 |  | 4572.5 |
| 24 NOV 2003 | 5.7 | 1334 | 74.5 | 8.0 |  | 4542.0 |
| 29 DEC 2003 | 5.2 | 1336 | 71.6 | 8.0 |  | 4530.9 |

\* Values Exceed Upper Control Limit

6MW50

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6MW51

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 20       | 1576                 | 95.2                    |    |         |                       |

| Date        |     |      |      |     |  |        |
|-------------|-----|------|------|-----|--|--------|
| 27 JAN 2003 | 5.7 | 1284 | 75.9 | 8.0 |  | 4498.0 |
| 24 FEB 2003 | 5.7 | 1275 | 74.8 | 8.0 |  | 4520.5 |
| 25 MAR 2003 | 5.7 | 1286 | 75.0 | 7.9 |  | 4543.0 |
| 28 APR 2003 | 5.6 | 1282 | 73.4 | 8.1 |  | 4545.2 |
| 27 MAY 2003 | 5.7 | 1310 | 68.5 | 8.0 |  | 4554.8 |
| 23 JUN 2003 | 5.4 | 1295 | 65.0 | 8.1 |  | 4553.6 |
| 28 JUL 2003 | 5.6 | 1296 | 68.2 | 8.0 |  | 4553.5 |
| 25 AUG 2003 | 5.4 | 1298 | 68.7 | 8.2 |  | 4553.4 |
| 22 SEP 2003 | 5.4 | 1302 | 69.6 | 8.1 |  | 4557.2 |
| 27 OCT 2003 | 5.4 | 1295 | 74.4 | 8.0 |  | 4558.2 |
| 24 NOV 2003 | 5.3 | 1287 | 73.3 | 8.0 |  | 4545.2 |
| 28 DEC 2003 | 5.8 | 1290 | 73.1 | 7.6 |  | 4533.9 |

\* Values Exceed Upper Control Limit

6MW51

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6MW52

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 20       | 1576                 | 95.2                    |    |         |                       |

## Date

|             |     |      |      |     |  |        |
|-------------|-----|------|------|-----|--|--------|
| 27 JAN 2003 | 6.0 | 1217 | 79.1 | 8.1 |  | 4521.1 |
| 24 FEB 2003 | 6.0 | 1214 | 79.7 | 8.2 |  | 4530.8 |
| 25 MAR 2003 | 6.0 | 1236 | 78.4 | 8.1 |  | 4550.0 |
| 28 APR 2003 | 5.2 | 1236 | 73.6 | 8.1 |  | 4554.9 |
| 27 MAY 2003 | 5.7 | 1276 | 69.5 | 8.4 |  | 4563.2 |
| 23 JUN 2003 | 5.7 | 1262 | 66.6 | 8.3 |  | 4562.0 |
| 28 JUL 2003 | 5.9 | 1268 | 74.1 | 8.1 |  | 4562.2 |
| 25 AUG 2003 | 7.1 | 1268 | 75.3 | 8.1 |  | 4564.2 |
| 22 SEP 2003 | 5.7 | 1270 | 70.0 | 8.1 |  | 4568.7 |
| 27 OCT 2003 | 6.3 | 1265 | 77.9 | 8.0 |  | 4562.2 |
| 24 NOV 2003 | 6.4 | 1249 | 76.8 | 8.2 |  | 4545.8 |
| 29 DEC 2003 | 5.8 | 1251 | 80.4 | 8.2 |  | 4537.9 |

\* Values Exceed Upper Control Limit

6MW52

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6MW53

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 20       | 1576                 | 95.2                    |    |         |                       |

## Date

|             |     |      |      |     |  |        |
|-------------|-----|------|------|-----|--|--------|
| 27 JAN 2003 | 6.2 | 1183 | 63.1 | 8.7 |  | 4465.3 |
| 24 FEB 2003 | 6.3 | 1193 | 71.7 | 8.5 |  | 4522.6 |
| 25 MAR 2003 | 6.3 | 1195 | 68.5 | 8.7 |  | 4511.0 |
| 28 APR 2003 | 6.0 | 1186 | 77.1 | 8.3 |  | 4515.6 |
| 27 MAY 2003 | 6.0 | 1212 | 63.0 | 8.8 |  | 4554.6 |
| 23 JUN 2003 | 6.0 | 1206 | 60.3 | 8.6 |  | 4553.5 |
| 28 JUL 2003 | 6.3 | 1206 | 65.4 | 8.7 |  | 4553.3 |
| 25 AUG 2003 | 6.1 | 1212 | 64.4 | 8.8 |  | 4552.7 |
| 22 SEP 2003 | 6.1 | 1211 | 63.6 | 8.7 |  | 4556.4 |
| 27 OCT 2003 | 6.4 | 1210 | 71.0 | 8.6 |  | 4556.6 |
| 24 NOV 2003 | 6.5 | 1170 | 48.2 | 9.2 |  | 4544.8 |
| 29 DEC 2003 | 5.9 | 1193 | 59.6 | 8.7 |  | 4535.6 |

\* Values Exceed Upper Control Limit

6MW53

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6MW54

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 20       | 1576                 | 95.2                    |    |         |                       |

## Date

|             |     |      |      |     |  |        |
|-------------|-----|------|------|-----|--|--------|
| 27 JAN 2003 | 5.7 | 1245 | 73.9 | 8.1 |  | 4514.5 |
| 24 FEB 2003 | 6.3 | 1251 | 77.4 | 8.2 |  | 4528.2 |
| 25 MAR 2003 | 6.0 | 1264 | 75.6 | 8.2 |  | 4548.0 |
| 28 APR 2003 | 6.2 | 1257 | 73.8 | 8.7 |  | 4553.4 |
| 27 MAY 2003 | 5.6 | 1293 | 65.7 | 8.3 |  | 4560.9 |
| 23 JUN 2003 | 5.9 | 1277 | 65.7 | 8.1 |  | 4560.0 |
| 28 JUL 2003 | 5.5 | 1280 | 66.5 | 8.1 |  | 4558.7 |
| 25 AUG 2003 | 5.6 | 1285 | 67.7 | 8.3 |  | 4559.1 |
| 22 SEP 2003 | 5.5 | 1292 | 66.8 | 8.2 |  | 4566.2 |
| 27 OCT 2003 | 5.7 | 1285 | 73.4 | 8.0 |  | 4560.9 |
| 24 NOV 2003 | 5.7 | 1277 | 69.9 | 8.1 |  | 4546.6 |
| 29 DEC 2003 | 5.7 | 1268 | 70.8 | 8.2 |  | 4535.2 |

\* Values Exceed Upper Control Limit

6MW54

Negative U3O8 Grades Indicate Less Than Detection Limit.

# **CHRISTENSEN RANCH PROJECT**

## ***Interior Shallow Sand Monitor Wells***

Mine Unit 5  
V.I.D. MW-11S

COGEMA Mining Inc.  
CHRISTENSEN RANCH  
INTERIOR SHALLOW SAND MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.1     | 2922                 | 316.6                   |    |         |                       |

| Date        |     |      |       |     |        |
|-------------|-----|------|-------|-----|--------|
| 22 JAN 2003 | 6.7 | 1270 | 103.3 | 8.0 | 4635.0 |
| 18 FEB 2003 | 6.6 | 1299 | 102.4 | 8.2 | 4635.0 |
| 17 MAR 2003 | 6.6 | 1295 | 102.8 | 8.2 | 4633.0 |
| 21 APR 2003 | 6.6 | 1220 | 103.4 | 8.3 | 4632.0 |
| 19 MAY 2003 | 6.4 | 1332 | 91.1  | 8.1 | 4629.9 |
| 18 JUN 2003 | 6.6 | 1236 | 96.1  | 8.2 | 4628.1 |
| 21 JUL 2003 | 7.1 | 1340 | 97.0  | 8.1 | 4625.6 |
| 18 AUG 2003 | 6.6 | 1339 | 96.0  | 8.2 | 4625.4 |
| 15 SEP 2003 | 6.5 | 1332 | 93.3  | 8.2 | 4628.4 |
| 21 OCT 2003 | 6.6 | 1339 | 99.7  | 8.0 | 4626.9 |
| 19 NOV 2003 | 6.6 | 1322 | 102.7 | 8.2 | 4626.2 |
| 16 DEC 2003 | 6.4 | 1313 | 97.9  | 8.2 | 4630.2 |

\* Values Exceed Upper Control Limit

MW-11S

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

Mine Unit 3  
Well I.D. MW46S

## INTERIOR SHALLOW SAND MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.5     | 1087                 | 184.4                   |    |         |                       |

| Date        |      |      |   |       |     |        |
|-------------|------|------|---|-------|-----|--------|
| 13 JAN 2003 | 11.4 | 1728 | * | 148.9 | 8.0 | 4551.2 |
| 10 FEB 2003 | 11.2 | 1720 | * | 146.3 | 7.9 | 4551.7 |
| 10 MAR 2003 | 11.2 | 1709 | * | 149.5 | 7.9 | 4548.9 |
| 15 APR 2003 | 11.4 | 1726 | * | 146.7 | 8.0 | 4551.0 |
| 12 MAY 2003 | 11.3 | 1783 | * | 138.7 | 8.1 | 4552.5 |
| 09 JUN 2003 | 10.9 | 1757 | * | 135.7 | 8.0 | 4551.3 |
| 07 JUL 2003 | 10.7 | 1741 | * | 133.6 | 8.1 | 4550.1 |
| 11 AUG 2003 | 10.7 | 1736 | * | 134.2 | 8.0 | 4550.6 |
| 08 SEP 2003 | 11.3 | 1712 | * | 139.7 | 8.1 | 4550.2 |
| 06 OCT 2003 | 10.8 | 1725 | * | 136.2 | 8.0 | 4550.0 |
| 10 NOV 2003 | 11.4 | 1703 | * | 153.4 | 8.0 | 4548.9 |
| 08 DEC 2003 | 10.8 | 1700 | * | 145.9 | 8.0 | 4549.9 |

\* Values Exceed Upper Control Limit

MW46S

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
V.I.D. MW48S

COGEMA Mining Inc.  
CHRISTENSEN RANCH  
INTERIOR SHALLOW SAND MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.2     | 1775                 | 268.3                   |    |         |                       |

## Date

|             |      |      |   |       |     |        |
|-------------|------|------|---|-------|-----|--------|
| 13 JAN 2003 | 10.1 | 1911 | • | 133.0 | 7.8 | 4553.2 |
| 10 FEB 2003 | 10.1 | 1900 | • | 131.2 | 7.8 | 4554.1 |
| 10 MAR 2003 | 10.1 | 1886 | • | 131.9 | 7.9 | 4551.7 |
| 15 APR 2003 | 10.1 | 1865 | • | 130.7 | 7.8 | 4553.0 |
| 12 MAY 2003 | 10.1 | 1941 | • | 122.8 | 7.9 | 4554.8 |
| 09 JUN 2003 | 9.7  | 1927 | • | 118.9 | 7.9 | 4553.8 |
| 07 JUL 2003 | 10.0 | 1912 | • | 123.7 | 8.0 | 4552.5 |
| 11 AUG 2003 | 9.7  | 1902 | • | 120.9 | 7.9 | 4553.1 |
| 08 SEP 2003 | 9.9  | 1915 | • | 121.6 | 7.8 | 4552.6 |
| 06 OCT 2003 | 9.7  | 1905 | • | 121.2 | 7.9 | 4552.6 |
| 10 NOV 2003 | 10.3 | 1888 | • | 127.7 | 7.9 | 4551.3 |
| 08 DEC 2003 | 9.7  | 1889 | • | 129.5 | 7.8 | 4552.2 |

\* Values Exceed Upper Control Limit

MW48S

Negative U308 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

Mine Unit 3  
Well I.D. MW50S

## INTERIOR SHALLOW SAND MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.2     | 1775                 | 268.3                   |    |         |                       |

| Date        |      |      |       |     |        |
|-------------|------|------|-------|-----|--------|
| 14 JAN 2003 | 10.1 | 1387 | 155.1 | 7.9 | 4556.2 |
| 10 FEB 2003 | 9.4  | 1383 | 150.5 | 7.9 | 4555.1 |
| 10 MAR 2003 | 10.0 | 1389 | 155.2 | 7.8 | 4553.4 |
| 15 APR 2003 | 9.3  | 1379 | 153.8 | 8.0 | 4555.0 |
| 12 MAY 2003 | 10.0 | 1418 | 141.8 | 7.9 | 4556.5 |
| 09 JUN 2003 | 9.0  | 1423 | 140.8 | 8.0 | 4555.3 |
| 07 JUL 2003 | 8.9  | 1403 | 140.3 | 8.0 | 4554.2 |
| 11 AUG 2003 | 9.2  | 1398 | 148.9 | 8.0 | 4554.8 |
| 08 SEP 2003 | 9.3  | 1402 | 153.4 | 7.8 | 4554.4 |
| 06 OCT 2003 | 9.3  | 1397 | 169.7 | 7.9 | 4554.3 |
| 10 NOV 2003 | 9.3  | 1374 | 183.9 | 7.9 | 4553.1 |
| 08 DEC 2003 | 9.6  | 1368 | 182.9 | 7.9 | 4553.9 |

\* Values Exceed Upper Control Limit

MW50S

Negative U308 Grades Indicate Less Than Detection Limit.

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR SHALLOW SAND MONITOR WELL**

Mine Unit 3  
 W.D. MW52S

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.2     | 1775                 | 268.3                   |    |         |                       |

## Date

|             |     |      |       |     |  |        |
|-------------|-----|------|-------|-----|--|--------|
| 13 JAN 2003 | 7.6 | 1425 | 111.3 | 8.1 |  | 4546.6 |
| 11 FEB 2003 | 7.5 | 1426 | 106.9 | 8.0 |  | 4547.7 |
| 12 MAR 2003 | 7.8 | 1434 | 116.2 | 8.1 |  | 4545.7 |
| 16 APR 2003 | 7.8 | 1428 | 110.3 | 7.9 |  | 4548.0 |
| 12 MAY 2003 | 7.6 | 1451 | 102.8 | 8.1 |  | 4549.0 |
| 11 JUN 2003 | 7.3 | 1446 | 101.6 | 8.1 |  | 4546.9 |
| 07 JUL 2003 | 7.4 | 1437 | 102.8 | 8.2 |  | 4546.6 |
| 11 AUG 2003 | 7.1 | 1439 | 100.4 | 8.1 |  | 4546.0 |
| 08 SEP 2003 | 7.7 | 1455 | 110.5 | 8.0 |  | 4546.6 |
| 07 OCT 2003 | 7.9 | 1449 | 118.8 | 8.1 |  | 4545.6 |
| 10 NOV 2003 | 7.4 | 1440 | 116.2 | 8.0 |  | 4545.4 |
| 08 DEC 2003 | 7.4 | 1434 | 120.8 | 8.0 |  | 4546.5 |

\* Values Exceed Upper Control Limit

MW52S

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW54S

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR SHALLOW SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.2     | 1775                 | 268.3                   |    |         |                       |

| Date        |     |      |       |     |        |
|-------------|-----|------|-------|-----|--------|
| 14 JAN 2003 | 7.9 | 1494 | 129.7 | 8.0 | 4558.2 |
| 10 FEB 2003 | 7.8 | 1476 | 127.1 | 8.0 | 4558.5 |
| 10 MAR 2003 | 7.4 | 1481 | 124.0 | 8.0 | 4556.3 |
| 14 APR 2003 | 7.3 | 1485 | 121.4 | 8.1 | 4558.0 |
| 12 MAY 2003 | 7.5 | 1533 | 114.3 | 8.0 | 4558.9 |
| 11 JUN 2003 | 7.2 | 1524 | 114.1 | 8.1 | 4557.6 |
| 08 JUL 2003 | 7.3 | 1512 | 115.3 | 8.2 | 4558.3 |
| 12 AUG 2003 | 7.4 | 1531 | 116.5 | 8.1 | 4558.2 |
| 09 SEP 2003 | 7.3 | 1539 | 115.3 | 7.9 | 4557.7 |
| 07 OCT 2003 | 7.3 | 1530 | 115.3 | 8.0 | 4557.7 |
| 11 NOV 2003 | 7.3 | 1510 | 124.3 | 8.1 | 4556.5 |
| 10 DEC 2003 | 7.3 | 1493 | 125.0 | 8.0 | 4557.4 |

\* Values Exceed Upper Control Limit

MW54S

Negative U3O8 Grades Indicate Less Than Detection Limit.

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR SHALLOW SAND MONITOR WELL**

Mine Unit 3  
 W-1.D. MW56S

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.5     | 1087                 | 184.4                   |    |         |                       |

| Date        |      |     |       |     |        |
|-------------|------|-----|-------|-----|--------|
| 14 JAN 2003 | 6.3  | 948 | 148.0 | 8.4 | 4555.9 |
| 10 FEB 2003 | 6.5  | 938 | 151.2 | 8.3 | 4556.7 |
| 12 MAR 2003 | 6.4  | 945 | 149.1 | 8.4 | 4554.3 |
| 16 APR 2003 | 6.1  | 940 | 143.2 | 8.3 | 4556.0 |
| 13 MAY 2003 | 6.4  | 962 | 132.6 | 8.4 | 4556.7 |
| 11 JUN 2003 | 6.2  | 965 | 133.2 | 8.4 | 4555.5 |
| 07 JUL 2003 | 6.3  | 955 | 134.8 | 8.5 | 4556.1 |
| 12 AUG 2003 | 6.3  | 954 | 134.9 | 8.4 | 4556.1 |
| 09 SEP 2003 | 6.6  | 955 | 134.1 | 8.3 | 4555.8 |
| 07 OCT 2003 | 8.6  | 959 | 143.2 | 8.0 | 4555.7 |
| 11 NOV 2003 | 10.7 | 952 | 159.0 | 8.0 | 4554.3 |
| 09 DEC 2003 | 7.9  | 948 | 147.3 | 8.2 | 4555.5 |

\* Values Exceed Upper Control Limit

MW56S

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW58S

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR SHALLOW SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.5     | 1087                 | 184.4                   |    |         |                       |

| Date        |     |      |       |     |        |
|-------------|-----|------|-------|-----|--------|
| 14 JAN 2003 | 7.3 | 985  | 126.4 | 8.6 | 4564.9 |
| 11 FEB 2003 | 7.2 | 990  | 123.7 | 8.4 | 4565.9 |
| 12 MAR 2003 | 7.7 | 976  | 130.2 | 8.6 | 4563.2 |
| 16 APR 2003 | 7.6 | 985  | 128.1 | 8.4 | 4565.0 |
| 13 MAY 2003 | 7.6 | 1008 | 119.4 | 8.6 | 4565.6 |
| 11 JUN 2003 | 7.2 | 997  | 116.7 | 8.6 | 4564.5 |
| 07 JUL 2003 | 7.4 | 995  | 117.8 | 8.7 | 4565.2 |
| 12 AUG 2003 | 7.1 | 987  | 113.0 | 8.6 | 4565.1 |
| 09 SEP 2003 | 7.3 | 978  | 114.9 | 8.6 | 4564.8 |
| 07 OCT 2003 | 7.1 | 989  | 117.7 | 8.5 | 4564.8 |
| 11 NOV 2003 | 7.4 | 977  | 126.9 | 8.6 | 4563.5 |
| 09 DEC 2003 | 7.1 | 980  | 128.6 | 8.5 | 4564.5 |

\* Values Exceed Upper Control Limit

MW58S

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## INTERIOR SHALLOW SAND MONITOR WELL

Mine Unit 3  
W.D. MW66S-2

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.2     | 1775                 | 268.3                   |    |         |                       |

## Date

|             |     |      |       |     |  |        |
|-------------|-----|------|-------|-----|--|--------|
| 15 JAN 2003 | 7.3 | 1515 | 125.6 | 8.2 |  | 4571.0 |
| 12 FEB 2003 | 7.1 | 1473 | 121.9 | 8.1 |  | 4571.4 |
| 12 MAR 2003 | 7.1 | 1483 | 123.6 | 8.2 |  | 4569.3 |
| 16 APR 2003 | 7.6 | 1484 | 122.1 | 8.1 |  | 4571.3 |
| 13 MAY 2003 | 7.4 | 1530 | 113.4 | 8.1 |  | 4571.4 |
| 11 JUN 2003 | 7.3 | 1522 | 114.0 | 8.1 |  | 4570.1 |
| 07 JUL 2003 | 7.0 | 1507 | 109.7 | 8.3 |  | 4570.9 |
| 12 AUG 2003 | 7.3 | 1508 | 114.4 | 8.1 |  | 4570.8 |
| 09 SEP 2003 | 8.3 | 1514 | 119.1 | 8.0 |  | 4570.4 |
| 07 OCT 2003 | 7.6 | 1507 | 115.3 | 8.1 |  | 4570.4 |
| 11 NOV 2003 | 7.5 | 1496 | 124.8 | 8.2 |  | 4569.3 |
| 09 DEC 2003 | 7.1 | 1500 | 122.0 | 8.1 |  | 4570.4 |

\* Values Exceed Upper Control Limit

MW66S-2

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW68S

COGEMA Mining Inc.  
CHRISTENSEN RANCH  
INTERIOR SHALLOW SAND MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity          | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|---------------------------|----|---------|-----------------------|
| Units                    | mg/l     | μ mho/cm             | mg/l as CaCO <sub>3</sub> |    | mg/l    | msl                   |
| Upper Control Limit      | 23.5     | 3560                 | 304                       |    |         |                       |

| Date        |        |      |         |     |        |
|-------------|--------|------|---------|-----|--------|
| 06 JAN 2003 | 23.5   | 2394 | 281.0   | 7.4 | 4574.9 |
| 03 FEB 2003 | 18.9   | 2370 | 230.0   | 7.4 | 4575.0 |
| 03 MAR 2003 | 30.4 * | 2546 | 354.6 * | 7.3 | 4574.8 |
| 04 MAR 2003 | 26.2 * | 2446 | 310.0 * | 7.1 | 4574.8 |
| 12 MAR 2003 | 26.1 * | 2469 | 309.6 * | 7.3 | 4575.2 |
| 18 MAR 2003 | 18.1   | 2392 | 224.6   | 7.4 | 4575.0 |
| 25 MAR 2003 | 19.5   | 2415 | 235.2   | 7.4 | 4575.0 |
| 01 APR 2003 | 23.4   | 2463 | 296.0   | 7.3 | 4575.0 |
| 07 APR 2003 | 21.0   | 2431 | 261.8   | 7.3 | 4574.0 |
| 14 APR 2003 | 24.2 * | 2435 | 289.7   | 7.2 | 4575.0 |
| 05 MAY 2003 | 19.6   | 2414 | 254.2   | 7.5 | 4574.3 |
| 04 JUN 2003 | 30.6 * | 2598 | 355.4 * | 7.2 | 4573.8 |
| 05 JUN 2003 | 26.2 * | 2539 | 274.8   | 6.9 | 4573.8 |
| 05 JUN 2003 | 18.4   | 2478 | 212.8   | 7.3 | 4573.8 |
| 01 JUL 2003 | 19.8   | 2436 | 237.2   | 7.2 | 4574.9 |
| 04 AUG 2003 | 18.2   | 2430 | 232.2   | 7.4 | 4574.8 |
| 02 SEP 2003 | 19.5   | 2458 | 234.9   | 7.5 | 4573.7 |
| 30 SEP 2003 | 17.9   | 2439 | 233.9   | 7.4 | 4574.6 |
| 03 NOV 2003 | 18.7   | 2424 | 239.5   | 7.4 | 4573.6 |
| 01 DEC 2003 | 32.6 * | 2572 | 375.4 * | 7.2 | 4574.7 |
| 01 DEC 2003 | 35.2 * | 2585 | 409.8 * | 7.0 | 4574   |
| 09 DEC 2003 | 21.6   | 2454 | 266.8   | 7.1 | 4574   |
| 17 DEC 2003 | 22.5   | 2502 | 280.2   | 6.9 | 4574.7 |
| 22 DEC 2003 | 32.6 * | 2579 | 389.2 * | 7.0 | 4574.7 |
| 29 DEC 2003 | 16.6   | 2428 | 220.8   | 7.3 | 4575.7 |

\* Values Exceed Upper Control Limit

MW68S

Negative U308 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## INTERIOR SHALLOW SAND MONITOR WELL

2003

Mine Unit 2  
V17-11 I.D. MW70S

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 63.4     | 21365                | 5861.3                  |    |         |                       |

## Date

|             |      |      |      |     |  |        |
|-------------|------|------|------|-----|--|--------|
| 06 JAN 2003 | 10.7 | 1724 | 20.8 | 9.5 |  | 4559.6 |
| 03 FEB 2003 | 10.6 | 1730 | 17.8 | 9.1 |  | 4559.6 |
| 03 MAR 2003 | 11.1 | 1755 | 23.2 | 9.4 |  | 4559.8 |
| 07 APR 2003 | 11.5 | 1739 | 20.8 | 9.3 |  | 4560.0 |
| 05 MAY 2003 | 11.3 | 1771 | 20.3 | 9.3 |  | 4560.3 |
| 02 JUN 2003 | 10.9 | 1823 | 17.0 | 9.2 |  | 4558.8 |
| 01 JUL 2003 | 11.2 | 1782 | 18.7 | 9.2 |  | 4559.6 |
| 04 AUG 2003 | 11.1 | 1804 | 28.3 | 8.9 |  | 4560.1 |
| 02 SEP 2003 | 10.9 | 1808 | 25.6 | 9.0 |  | 4558.1 |
| 30 SEP 2003 | 10.9 | 1811 | 21.2 | 8.9 |  | 4559.2 |
| 03 NOV 2003 | 10.6 | 1788 | 23.1 | 8.9 |  | 4558.9 |
| 01 DEC 2003 | 11.1 | 1796 | 23.3 | 8.7 |  | 4559.3 |

\* Values Exceed Upper Control Limit

MW70S

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW72S

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR SHALLOW SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 63.4     | 21365                | 5861.3                  |    |         |                       |

| Date        |      |      |       |     |        |
|-------------|------|------|-------|-----|--------|
| 06 JAN 2003 | 12.6 | 2191 | 166.8 | 8.0 | 4566.2 |
| 03 FEB 2003 | 12.3 | 2195 | 159.2 | 7.8 | 4566.3 |
| 03 MAR 2003 | 12.7 | 2187 | 162.0 | 7.9 | 4566.6 |
| 07 APR 2003 | 12.9 | 2170 | 168.5 | 7.9 | 4566.0 |
| 05 MAY 2003 | 12.4 | 2200 | 162.9 | 7.9 | 4566.6 |
| 02 JUN 2003 | 12.0 | 2270 | 148.8 | 7.9 | 4565.6 |
| 01 JUL 2003 | 12.1 | 2202 | 151.2 | 7.9 | 4566.7 |
| 04 AUG 2003 | 12.2 | 2227 | 150.2 | 7.7 | 4566.3 |
| 02 SEP 2003 | 11.7 | 2220 | 148.0 | 8.0 | 4566.1 |
| 30 SEP 2003 | 11.9 | 2232 | 138.9 | 7.8 | 4565.7 |
| 03 NOV 2003 | 11.9 | 2208 | 157.4 | 7.7 | 4564.8 |
| 01 DEC 2003 | 11.9 | 2196 | 158.4 | 7.8 | 4565.5 |

\* Values Exceed Upper Control Limit

MW72S

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
W.D. MW92S

COGEMA Mining Inc.  
CHRISTENSEN RANCH  
INTERIOR SHALLOW SAND MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 23.5     | 3560                 | 304                     |    |         |                       |

## Date

|             |      |      |       |     |  |        |
|-------------|------|------|-------|-----|--|--------|
| 07 JAN 2003 | 12.0 | 2395 | 147.0 | 7.6 |  | 4572.0 |
| 03 FEB 2003 | 12.0 | 2417 | 146.9 | 7.4 |  | 4572.2 |
| 03 MAR 2003 | 12.1 | 2417 | 149.7 | 7.6 |  | 4571.7 |
| 07 APR 2003 | 12.2 | 2428 | 150.1 | 7.6 |  | 4571.0 |
| 05 MAY 2003 | 12.0 | 2421 | 143.9 | 7.7 |  | 4572.0 |
| 04 JUN 2003 | 11.7 | 2467 | 133.5 | 7.5 |  | 4570.7 |
| 01 JUL 2003 | 11.8 | 2417 | 134.8 | 7.7 |  | 4571.7 |
| 04 AUG 2003 | 11.9 | 2424 | 137.5 | 7.6 |  | 4571.9 |
| 02 SEP 2003 | 11.8 | 2434 | 128.1 | 7.7 |  | 4570.7 |
| 30 SEP 2003 | 12.0 | 2438 | 129.9 | 7.6 |  | 4571.6 |
| 03 NOV 2003 | 12.0 | 2411 | 148.7 | 7.5 |  | 4570.4 |
| 01 DEC 2003 | 11.9 | 2410 | 145.7 | 7.5 |  | 4571.7 |

\* Values Exceed Upper Control Limit

MW92S

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

Mine Unit 2  
Well I.D. MW94S

## INTERIOR SHALLOW SAND MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 23.5     | 3560                 | 304                     |    |         |                       |

| Date        |      |      |       |     |        |
|-------------|------|------|-------|-----|--------|
| 06 JAN 2003 | 14.5 | 2661 | 197.6 | 7.4 | 4552.6 |
| 03 FEB 2003 | 13.8 | 2648 | 190.7 | 7.3 | 4552.5 |
| 03 MAR 2003 | 14.0 | 2654 | 191.1 | 7.5 | 4552.6 |
| 07 APR 2003 | 14.2 | 2667 | 196.4 | 7.5 | 4552.0 |
| 05 MAY 2003 | 14.2 | 2665 | 195.1 | 7.5 | 4554.8 |
| 04 JUN 2003 | 14.1 | 2718 | 181.3 | 7.5 | 4551.6 |
| 01 JUL 2003 | 14.1 | 2660 | 185.5 | 7.5 | 4552.6 |
| 04 AUG 2003 | 13.7 | 2672 | 177.7 | 7.6 | 4552.3 |
| 02 SEP 2003 | 14.0 | 2680 | 171.5 | 7.6 | 4551.0 |
| 29 SEP 2003 | 13.9 | 2686 | 167.9 | 7.5 | 4552.1 |
| 03 NOV 2003 | 13.8 | 2656 | 191.4 | 7.4 | 4550.8 |
| 01 DEC 2003 | 13.9 | 2650 | 191.2 | 7.5 | 4551.5 |

\* Values Exceed Upper Control Limit

MW94S

Negative U3O8 Grades Indicate Less Than Detection Limit.

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR SHALLOW SAND MONITOR WELL**

Mine Unit 2  
 Well I.D. MW96S

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 23.5     | 3560                 | 304                     |    |         |                       |

| Date        |      |      |       |     |  |        |
|-------------|------|------|-------|-----|--|--------|
| 07 JAN 2003 | 12.2 | 2756 | 235.6 | 7.3 |  | 4568.3 |
| 03 FEB 2003 | 12.0 | 2759 | 239.8 | 7.5 |  | 4568.4 |
| 03 MAR 2003 | 12.0 | 2741 | 236.2 | 7.5 |  | 4568.2 |
| 07 APR 2003 | 12.0 | 2759 | 236.2 | 7.5 |  | 4568.0 |
| 05 MAY 2003 | 12.1 | 2736 | 235.2 | 7.5 |  | 4571.1 |
| 04 JUN 2003 | 11.7 | 2796 | 215.1 | 7.4 |  | 4567.1 |
| 01 JUL 2003 | 11.9 | 2747 | 221.7 | 7.5 |  | 4568.2 |
| 04 AUG 2003 | 11.6 | 2755 | 217.0 | 7.5 |  | 4568.1 |
| 02 SEP 2003 | 12.0 | 2767 | 210.0 | 7.6 |  | 4567.1 |
| 29 SEP 2003 | 11.8 | 2777 | 210.3 | 7.5 |  | 4568.1 |
| 03 NOV 2003 | 11.8 | 2739 | 224.5 | 7.4 |  | 4567.0 |
| 01 DEC 2003 | 11.7 | 2732 | 230.2 | 7.5 |  | 4568.2 |

\* Values Exceed Upper Control Limit

MW96S

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## INTERIOR SHALLOW SAND MONITOR WELL

2003

Mine Unit 2  
Well I.D. MW98S

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 63.4     | 21365                | 5861.3                  |    |         |                       |

| Date        |      |      |       |     |  |        |
|-------------|------|------|-------|-----|--|--------|
| 07 JAN 2003 | 13.5 | 2646 | 177.9 | 7.5 |  | 4558.1 |
| 03 FEB 2003 | 13.4 | 2651 | 166.4 | 7.4 |  | 4558.1 |
| 04 MAR 2003 | 13.8 | 2641 | 170.5 | 7.6 |  | 4558.1 |
| 07 APR 2003 | 13.8 | 2644 | 171.1 | 7.5 |  | 4555.0 |
| 05 MAY 2003 | 13.4 | 2673 | 174.0 | 7.7 |  | 4558.2 |
| 02 JUN 2003 | 12.5 | 2728 | 170.0 | 7.6 |  | 4557.1 |
| 01 JUL 2003 | 13.0 | 2668 | 162.7 | 7.7 |  | 4557.3 |
| 04 AUG 2003 | 13.0 | 2668 | 160.8 | 7.7 |  | 4558.4 |
| 02 SEP 2003 | 13.4 | 2691 | 156.2 | 7.7 |  | 4557.1 |
| 29 SEP 2003 | 13.0 | 2695 | 152.8 | 7.6 |  | 4558.1 |
| 03 NOV 2003 | 13.2 | 2664 | 176.8 | 7.5 |  | 4556.9 |
| 01 DEC 2003 | 13.2 | 2650 | 174.6 | 7.6 |  | 4557.3 |

\* Values Exceed Upper Control Limit

MW98S

Negative U308 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## INTERIOR SHALLOW SAND MONITOR WELL

2003

Mine Unit 2

W.D. MW100S

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 23.5     | 3560                 | 304                     |    |         |                       |

| Date        |      |      |       |     |        |
|-------------|------|------|-------|-----|--------|
| 06 JAN 2003 | 13.3 | 2587 | 179.4 | 7.6 | 4555.7 |
| 03 FEB 2003 | 12.8 | 2622 | 172.6 | 7.4 | 4555.6 |
| 04 MAR 2003 | 13.2 | 2615 | 176.4 | 7.6 | 4555.6 |
| 07 APR 2003 | 13.0 | 2623 | 175.4 | 7.5 | 4556.0 |
| 05 MAY 2003 | 13.1 | 2644 | 174.8 | 7.6 | 4556.2 |
| 02 JUN 2003 | 12.9 | 2681 | 170.9 | 7.6 | 4554.4 |
| 01 JUL 2003 | 12.8 | 2621 | 158.9 | 7.5 | 4554.2 |
| 04 AUG 2003 | 12.6 | 2618 | 159.6 | 7.5 | 4554.5 |
| 02 SEP 2003 | 12.6 | 2645 | 160.0 | 7.6 | 4554.6 |
| 29 SEP 2003 | 12.7 | 2648 | 151.8 | 7.6 | 4555.4 |
| 03 NOV 2003 | 12.8 | 2610 | 171.7 | 7.5 | 4554.5 |
| 03 DEC 2003 | 12.7 | 2600 | 170.3 | 7.5 | 4554.7 |

\* Values Exceed Upper Control Limit

MW100S

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## INTERIOR SHALLOW SAND MONITOR WELL

2003

Mine Unit 2  
Well I.D. MW112S

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 63.4     | 21365                | 5861.3                  |    |         |                       |

| Date        |      |      |       |      |        |
|-------------|------|------|-------|------|--------|
| 07 JAN 2003 | 14.9 | 3638 | 465.6 | 11.2 | 4553.5 |
| 03 FEB 2003 | 14.0 | 3356 | 388.2 | 11.0 | 4553.5 |
| 04 MAR 2003 | 14.9 | 3629 | 509.0 | 11.4 | 4553.3 |
| 07 APR 2003 | 13.9 | 3285 | 325.6 | 11.3 | 4553.0 |
| 05 MAY 2003 | 14.5 | 3452 | 472.2 | 11.3 | 4553.0 |
| 02 JUN 2003 | 14.6 | 3336 | 373.2 | 11.3 | 4552.1 |
| 01 JUL 2003 | 13.3 | 3160 | 321.8 | 11.2 | 4552.2 |
| 04 AUG 2003 | 13.5 | 3440 | 370.6 | 11.2 | 4552.2 |
| 02 SEP 2003 | 13.8 | 3390 | 422.8 | 11.4 | 4552.2 |
| 29 SEP 2003 | 14.5 | 3580 | 376.2 | 11.5 | 4553.1 |
| 03 NOV 2003 | 13.9 | 3300 | 335.2 | 11.0 | 4552.2 |
| 03 DEC 2003 | 14.1 | 3600 | 477.8 | 11.3 | 4552.4 |

\* Values Exceed Upper Control Limit

MW112S

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## INTERIOR SHALLOW SAND MONITOR WELL

2003

Mine Unit 2

Well I.D. MW117S

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.6     | 768                  | 144.5                   |    |         |                       |

| Date        |     |     |       |     |        |
|-------------|-----|-----|-------|-----|--------|
| 07 JAN 2003 | 8.3 | 733 | 141.4 | 8.1 | 4531.7 |
| 03 FEB 2003 | 7.8 | 731 | 139.4 | 8.1 | 4531.6 |
| 04 MAR 2003 | 8.0 | 732 | 136.5 | 8.2 | 4531.7 |
| 07 APR 2003 | 7.7 | 733 | 136.8 | 7.9 | 4532.0 |
| 05 MAY 2003 | 8.5 | 741 | 144.0 | 8.2 | 4532.4 |
| 02 JUN 2003 | 7.8 | 752 | 127.1 | 8.1 | 4531.2 |
| 01 JUL 2003 | 8.0 | 739 | 127.1 | 8.3 | 4530.6 |
| 04 AUG 2003 | 8.0 | 740 | 131.5 | 8.2 | 4532.3 |
| 02 SEP 2003 | 8.0 | 741 | 127.6 | 8.3 | 4530.4 |
| 29 SEP 2003 | 8.1 | 744 | 129.7 | 8.1 | 4531.0 |
| 03 NOV 2003 | 7.8 | 736 | 135.8 | 8.1 | 4529.8 |
| 03 DEC 2003 | 7.9 | 735 | 138.4 | 8.0 | 4530.7 |

\* Values Exceed Upper Control Limit

MW117S

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## INTERIOR SHALLOW SAND MONITOR WELL

Mine Unit 4  
Well I.D. 4SM-1

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 8.8      | 1570                 | 142.7                   |    |         |                       |

| Date        |     |      |      |     |        |
|-------------|-----|------|------|-----|--------|
| 08 JAN 2003 | 6.5 | 1205 | 91.1 | 7.9 | 4607.3 |
| 04 FEB 2003 | 6.6 | 1195 | 92.4 | 8.0 | 4607.0 |
| 04 MAR 2003 | 6.7 | 1200 | 91.2 | 8.2 | 4607.1 |
| 09 APR 2003 | 6.7 | 1189 | 94.4 | 8.2 | 4607.0 |
| 06 MAY 2003 | 6.9 | 1275 | 89.9 | 8.1 | 4607.1 |
| 03 JUN 2003 | 6.5 | 1252 | 83.6 | 8.2 | 4605.9 |
| 02 JUL 2003 | 6.5 | 1224 | 84.4 | 8.2 | 4607.0 |
| 06 AUG 2003 | 6.6 | 1251 | 87.9 | 8.2 | 4607.0 |
| 03 SEP 2003 | 6.5 | 1238 | 85.0 | 8.3 | 4605.6 |
| 01 OCT 2003 | 6.7 | 1226 | 85.2 | 8.3 | 4605.5 |
| 05 NOV 2003 | 6.5 | 1225 | 92.3 | 8.2 | 4606.0 |
| 03 DEC 2003 | 6.8 | 1262 | 89.5 | 8.1 | 4605.6 |

\* Values Exceed Upper Control Limit

4SM-1

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## INTERIOR SHALLOW SAND MONITOR WELL

2003

Mine Unit 4

I.D. 4SM-4

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 8.8      | 1570                 | 142.7                   |    |         |                       |

## Date

|             |     |      |       |     |  |        |
|-------------|-----|------|-------|-----|--|--------|
| 08 JAN 2003 | 6.4 | 1085 | 102.9 | 7.7 |  | 4595.0 |
| 04 FEB 2003 | 6.8 | 1084 | 107.8 | 7.8 |  | 4594.1 |
| 04 MAR 2003 | 6.6 | 1088 | 107.6 | 8.0 |  | 4594.3 |
| 09 APR 2003 | 6.6 | 1106 | 105.1 | 8.0 |  | 4594.0 |
| 06 MAY 2003 | 6.8 | 1092 | 105.5 | 7.9 |  | 4594.2 |
| 03 JUN 2003 | 6.4 | 1108 | 95.8  | 8.0 |  | 4593.1 |
| 02 JUL 2003 | 6.5 | 1079 | 96.0  | 7.9 |  | 4594.3 |
| 06 AUG 2003 | 6.6 | 1096 | 104.5 | 7.8 |  | 4593.1 |
| 03 SEP 2003 | 6.5 | 1101 | 103.4 | 7.9 |  | 4593.1 |
| 01 OCT 2003 | 6.8 | 1093 | 100.4 | 7.9 |  | 4593.1 |
| 05 NOV 2003 | 6.5 | 1089 | 107.9 | 7.9 |  | 4593.7 |
| 03 DEC 2003 | 6.5 | 1085 | 107.2 | 7.8 |  | 4593.0 |

\* Values Exceed Upper Control Limit

4SM-4

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## INTERIOR SHALLOW SAND MONITOR WELL

2003

Mine Unit 4  
Well I.D. 4SM-8

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 8.8      | 1570                 | 142.7                   |    |         |                       |

| Date        |     |     |       |     |        |
|-------------|-----|-----|-------|-----|--------|
| 08 JAN 2003 | 6.7 | 868 | 127.3 | 7.8 | 4591.4 |
| 04 FEB 2003 | 6.6 | 890 | 125.0 | 7.9 | 4591.0 |
| 04 MAR 2003 | 6.7 | 869 | 125.7 | 8.0 | 4590.9 |
| 09 APR 2003 | 6.6 | 865 | 122.4 | 8.1 | 4590.0 |
| 06 MAY 2003 | 6.6 | 868 | 124.7 | 8.0 | 4590.9 |
| 03 JUN 2003 | 6.4 | 882 | 117.1 | 8.0 | 4589.8 |
| 02 JUL 2003 | 6.6 | 853 | 112.1 | 7.9 | 4590.8 |
| 04 AUG 2003 | 6.5 | 873 | 106.4 | 8.0 | 4589.7 |
| 03 SEP 2003 | 6.6 | 877 | 113.9 | 8.1 | 4589.7 |
| 01 OCT 2003 | 6.4 | 868 | 113.0 | 7.9 | 4589.6 |
| 05 NOV 2003 | 6.5 | 864 | 125.0 | 8.1 | 4589.9 |
| 02 DEC 2003 | 6.5 | 860 | 125.2 | 8.1 | 4584.6 |

\* Values Exceed Upper Control Limit

4SM-8

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## INTERIOR SHALLOW SAND MONITOR WELL

2003

Mine Unit 4

W.D. 4SRM-07

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 19.4     | 1175                 | 447.1                   |    |         |                       |

| Date        |      |     |       |     |        |
|-------------|------|-----|-------|-----|--------|
| 08 JAN 2003 | 10.3 | 495 | 256.8 | 8.1 | 4581.5 |
| 04 FEB 2003 | 8.9  | 494 | 258.2 | 8.1 | 4580.0 |
| 04 MAR 2003 | 9.1  | 494 | 257.8 | 8.6 | 4581.3 |
| 09 APR 2003 | 9.2  | 491 | 256.0 | 8.1 | 4580.3 |
| 06 MAY 2003 | 8.8  | 502 | 246.7 | 8.2 | 4580.1 |
| 03 JUN 2003 | 8.9  | 507 | 244.6 | 8.1 | 4579.1 |
| 02 JUL 2003 | 9.0  | 498 | 239.6 | 8.1 | 4580.2 |
| 06 AUG 2003 | 8.7  | 499 | 232.4 | 8.1 | 4578.9 |
| 03 SEP 2003 | 9.1  | 500 | 233.6 | 8.2 | 4578.8 |
| 01 OCT 2003 | 9.4  | 497 | 233.4 | 8.3 | 4578.7 |
| 05 NOV 2003 | 8.9  | 494 | 269.7 | 7.9 | 4579.1 |
| 03 DEC 2003 | 9.2  | 496 | 248.0 | 8.1 | 4578.6 |

\* Values Exceed Upper Control Limit

4SRM-07

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## INTERIOR SHALLOW SAND MONITOR WELL

Mine Unit 5  
Well I.D. 5SM1

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.1     | 2922                 | 316.6                   |    |         |                       |

| Date        |      |      |       |     |        |
|-------------|------|------|-------|-----|--------|
| 21 JAN 2003 | 7.5  | 1218 | 98.2  | 7.9 | 4626.7 |
| 18 FEB 2003 | 7.6  | 1233 | 101.7 | 7.8 | 4627.4 |
| 17 MAR 2003 | 8.0  | 1212 | 107.2 | 7.8 | 4626.0 |
| 21 APR 2003 | 7.5  | 1193 | 100.0 | 7.9 | 4626.0 |
| 19 MAY 2003 | 7.4  | 1217 | 90.2  | 8.1 | 4626.3 |
| 17 JUN 2003 | 7.3  | 1201 | 93.3  | 8.0 | 4626.3 |
| 21 JUL 2003 | 7.4  | 1216 | 98.3  | 7.6 | 4624.4 |
| 18 AUG 2003 | 8.4  | 1216 | 100.9 | 7.9 | 4626.1 |
| 16 SEP 2003 | 9.0  | 1221 | 112.9 | 8.2 | 4624.9 |
| 21 OCT 2003 | 12.0 | 1212 | 118.5 | 7.9 | 4625.3 |
| 19 NOV 2003 | 11.0 | 1208 | 107.3 | 8.0 | 4624.2 |
| 16 DEC 2003 | 12.0 | 1217 | 105.1 | 7.6 | 4625.3 |

\* Values Exceed Upper Control Limit

5SM1

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
W. I.D. SSM2

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR SHALLOW SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.1     | 2922                 | 316.6                   |    |         |                       |

| Date        |     |      |       |     |        |
|-------------|-----|------|-------|-----|--------|
| 22 JAN 2003 | 6.8 | 1203 | 103.7 | 7.8 | 4670.6 |
| 18 FEB 2003 | 7.0 | 1187 | 106.7 | 7.9 | 4670.7 |
| 18 MAR 2003 | 7.3 | 1189 | 109.6 | 7.9 | 4670.0 |
| 22 APR 2003 | 7.4 | 1176 | 111.0 | 7.8 | 4670.3 |
| 19 MAY 2003 | 7.0 | 1205 | 100.8 | 8.0 | 4671.1 |
| 17 JUN 2003 | 6.8 | 1192 | 96.3  | 8.1 | 4670.3 |
| 21 JUL 2003 | 6.8 | 1192 | 95.6  | 8.0 | 4668.3 |
| 18 AUG 2003 | 6.9 | 1192 | 96.8  | 8.0 | 4668.2 |
| 16 SEP 2003 | 6.8 | 1197 | 97.4  | 8.0 | 4667.6 |
| 21 OCT 2003 | 7.1 | 1188 | 106.2 | 7.9 | 4669.4 |
| 19 NOV 2003 | 7.2 | 1182 | 109.2 | 8.0 | 4669.0 |
| 16 DEC 2003 | 6.8 | 1186 | 102.3 | 8.0 | 4668.8 |

\* Values Exceed Upper Control Limit

SSM2

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## INTERIOR SHALLOW SAND MONITOR WELL

2003

Mine Unit 5  
Well I.D. 5SM3

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.1     | 2922                 | 316.6                   |    |         |                       |

| Date        |     |      |      |     |        |
|-------------|-----|------|------|-----|--------|
| 22 JAN 2003 | 7.3 | 1347 | 91.5 | 8.0 | 4669.0 |
| 18 FEB 2003 | 7.2 | 1375 | 85.7 | 8.3 | 4669.5 |
| 17 MAR 2003 | 7.2 | 1378 | 86.5 | 8.4 | 4669.0 |
| 22 APR 2003 | 7.1 | 1363 | 86.9 | 8.5 | 4669.2 |
| 19 MAY 2003 | 7.1 | 1393 | 78.7 | 8.4 | 4670.1 |
| 18 JUN 2003 | 7.0 | 1371 | 84.2 | 8.2 | 4668.5 |
| 21 JUL 2003 | 7.3 | 1375 | 84.6 | 8.3 | 4667.4 |
| 18 AUG 2003 | 7.2 | 1390 | 79.7 | 8.3 | 4668.9 |
| 16 SEP 2003 | 6.8 | 1391 | 80.6 | 8.4 | 4666.9 |
| 21 OCT 2003 | 7.0 | 1391 | 86.7 | 8.5 | 4668.4 |
| 25 NOV 2003 | 6.8 | 1382 | 89.0 | 8.0 | 4668.3 |
| 16 DEC 2003 | 6.8 | 1378 | 87.2 | 8.3 | 4668.7 |

\* Values Exceed Upper Control Limit

5SM3

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## INTERIOR SHALLOW SAND MONITOR WELL

2003

Mine Unit 5

Well I.D. 5SM5

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.1     | 2922                 | 316.6                   |    |         |                       |

| Date        |     |      |       |     |        |
|-------------|-----|------|-------|-----|--------|
| 20 JAN 2003 | 5.7 | 1343 | 107.5 | 7.8 | 4678.4 |
| 18 FEB 2003 | 6.3 | 1354 | 113.4 | 7.8 | 4679.9 |
| 18 MAR 2003 | 6.3 | 1360 | 111.7 | 7.8 | 4678.0 |
| 22 APR 2003 | 6.0 | 1338 | 107.5 | 7.8 | 4679.1 |
| 19 MAY 2003 | 6.3 | 1366 | 104.2 | 7.8 | 4680.3 |
| 17 JUN 2003 | 6.3 | 1350 | 104.9 | 7.9 | 4679.3 |
| 21 JUL 2003 | 6.1 | 1352 | 100.9 | 7.8 | 4677.5 |
| 18 AUG 2003 | 5.9 | 1349 | 101.7 | 7.8 | 4678.8 |
| 16 SEP 2003 | 6.1 | 1362 | 103.6 | 7.8 | 4677.8 |
| 21 OCT 2003 | 6.0 | 1351 | 108.7 | 7.7 | 4678.2 |
| 17 NOV 2003 | 6.2 | 1345 | 111.0 | 7.9 | 4677.1 |
| 16 DEC 2003 | 5.8 | 1343 | 108.3 | 7.8 | 4677.2 |

\* Values Exceed Upper Control Limit

5SM5

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5SM6

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR SHALLOW SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.1     | 2922                 | 316.6                   |    |         |                       |

| Date        |     |     |       |     |        |
|-------------|-----|-----|-------|-----|--------|
| 21 JAN 2003 | 9.8 | 628 | 187.3 | 8.4 | 4662.1 |
| 18 FEB 2003 | 9.5 | 632 | 188.3 | 8.5 | 4663.0 |
| 18 MAR 2003 | 9.5 | 632 | 185.6 | 8.4 | 4661.0 |
| 22 APR 2003 | 9.6 | 628 | 188.0 | 8.6 | 4661.4 |
| 19 MAY 2003 | 9.7 | 639 | 187.7 | 8.5 | 4663.2 |
| 17 JUN 2003 | 9.3 | 635 | 171.8 | 8.6 | 4658.9 |
| 21 JUL 2003 | 9.4 | 636 | 170.5 | 8.5 | 4661.4 |
| 18 AUG 2003 | 9.3 | 636 | 176.3 | 8.5 | 4661.5 |
| 16 SEP 2003 | 9.6 | 634 | 172.9 | 8.5 | 4660.2 |
| 21 OCT 2003 | 9.6 | 637 | 191.3 | 8.5 | 4661.4 |
| 19 NOV 2003 | 9.4 | 625 | 184.6 | 8.6 | 4661.8 |
| 16 DEC 2003 | 9.1 | 627 | 182.3 | 8.5 | 4662.8 |

\* Values Exceed Upper Control Limit

5SM6

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
V.I.D. 5SM7

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR SHALLOW SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.1     | 2922                 | 316.6                   |    |         |                       |

| Date        |     |      |       |     |        |
|-------------|-----|------|-------|-----|--------|
| 21 JAN 2003 | 8.4 | 1307 | 170.3 | 7.9 | 4659.2 |
| 18 FEB 2003 | 8.0 | 1312 | 171.4 | 7.9 | 4660.2 |
| 18 MAR 2003 | 8.3 | 1310 | 169.9 | 7.9 | 4659.0 |
| 22 APR 2003 | 8.2 | 1336 | 169.3 | 8.1 | 4659.6 |
| 19 MAY 2003 | 8.2 | 1369 | 165.5 | 8.1 | 4661.0 |
| 17 JUN 2003 | 7.8 | 1355 | 149.6 | 8.1 | 4655.7 |
| 21 JUL 2003 | 8.3 | 1395 | 150.4 | 7.9 | 4659.4 |
| 18 AUG 2003 | 8.6 | 1414 | 158.7 | 8.1 | 4658.5 |
| 16 SEP 2003 | 8.2 | 1393 | 160.0 | 8.0 | 4658.2 |
| 21 OCT 2003 | 8.9 | 1361 | 169.9 | 8.1 | 4659.2 |
| 19 NOV 2003 | 9.9 | 1320 | 206.0 | 8.3 | 4658.4 |
| 16 DEC 2003 | 8.6 | 1357 | 182.9 | 7.8 | 4659.0 |

\* Values Exceed Upper Control Limit

5SM7

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

Mine Unit 5  
Well I.D. WCOW-04

## INTERIOR SHALLOW SAND MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.1     | 2922                 | 316.6                   |    |         |                       |

| Date        |     |      |       |     |        |
|-------------|-----|------|-------|-----|--------|
| 21 JAN 2003 | 6.6 | 961  | 115.3 | 8.1 | 4636.1 |
| 18 FEB 2003 | 6.5 | 981  | 117.6 | 8.2 | 4535.6 |
| 17 MAR 2003 | 6.7 | 984  | 116.9 | 8.3 | 4633.7 |
| 21 APR 2003 | 6.7 | 1011 | 117.2 | 8.3 | 4633.0 |
| 19 MAY 2003 | 6.7 | 980  | 108.6 | 8.2 | 4638.0 |
| 18 JUN 2003 | 6.5 | 1214 | 103.1 | 8.3 | 4627.5 |
| 21 JUL 2003 | 6.5 | 993  | 107.0 | 8.2 | 4624.7 |
| 18 AUG 2003 | 6.6 | 1087 | 104.1 | 8.2 | 4625.7 |
| 16 SEP 2003 | 6.7 | 1322 | 101.8 | 8.2 | 4624.3 |
| 21 OCT 2003 | 6.6 | 1210 | 112.4 | 8.2 | 4626.7 |
| 19 NOV 2003 | 6.4 | 1210 | 108.7 | 8.2 | 4627.2 |
| 16 DEC 2003 | 6.4 | 1177 | 107.6 | 8.2 | 4630.8 |

\* Values Exceed Upper Control Limit

WCOW-04

Negative U3O8 Grades Indicate Less Than Detection Limit.

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR SHALLOW SAND MONITOR WELL**

Mine Unit 6  
 I.D. 6SM1

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22       | 1966                 | 289.1                   |    |         |                       |

| Date        |     |      |       |     |        |
|-------------|-----|------|-------|-----|--------|
| 27 JAN 2003 | 6.6 | 998  | 105.2 | 8.3 | 4700.9 |
| 24 FEB 2003 | 6.5 | 1000 | 108.8 | 8.3 | 4701.9 |
| 25 MAR 2003 | 6.7 | 1058 | 111.7 | 8.3 | 4699.0 |
| 28 APR 2003 | 6.8 | 1064 | 110.4 | 8.3 | 4699.8 |
| 27 MAY 2003 | 7.2 | 1125 | 102.6 | 8.3 | 4701.6 |
| 24 JUN 2003 | 6.8 | 1069 | 101.1 | 8.3 | 4700.9 |
| 28 JUL 2003 | 6.4 | 1023 | 100.9 | 8.4 | 4699.4 |
| 25 AUG 2003 | 6.6 | 1032 | 102.3 | 8.4 | 4701.0 |
| 22 SEP 2003 | 6.7 | 1062 | 102.6 | 8.3 | 4701.7 |
| 27 OCT 2003 | 6.8 | 1082 | 112.0 | 8.2 | 4701.1 |
| 24 NOV 2003 | 6.6 | 1065 | 111.8 | 8.3 | 4700.8 |
| 28 DEC 2003 | 7.3 | 1048 | 113.7 | 8.1 | 4700.5 |

\* Values Exceed Upper Control Limit

6SM1

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6SM2

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR SHALLOW SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 24.2     | 3574                 | 238.2                   |    |         |                       |

| Date        |     |      |      |     |        |
|-------------|-----|------|------|-----|--------|
| 27 JAN 2003 | 8.3 | 1969 | 88.2 | 7.7 | 4705.1 |
| 24 FEB 2003 | 8.3 | 1970 | 88.6 | 7.8 | 4703.2 |
| 25 MAR 2003 | 8.2 | 1979 | 88.4 | 7.7 | 4703.0 |
| 28 APR 2003 | 8.5 | 1974 | 89.0 | 7.8 | 4703.5 |
| 27 MAY 2003 | 8.0 | 2011 | 80.3 | 7.9 | 4706.2 |
| 24 JUN 2003 | 8.3 | 1992 | 78.5 | 8.0 | 4705.0 |
| 28 JUL 2003 | 8.0 | 1976 | 77.8 | 7.9 | 4705.0 |
| 25 AUG 2003 | 8.0 | 1993 | 81.4 | 8.0 | 4704.8 |
| 22 SEP 2003 | 8.0 | 2000 | 80.0 | 7.9 | 4706.0 |
| 27 OCT 2003 | 8.1 | 1979 | 86.2 | 7.7 | 4704.9 |
| 24 NOV 2003 | 8.0 | 1971 | 87.9 | 7.8 | 4706.0 |
| 28 DEC 2003 | 8.3 | 1967 | 84.4 | 7.5 | 4705.7 |

\* Values Exceed Upper Control Limit

6SM2

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
W-1 I.D. 6SM3

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR SHALLOW SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 24.2     | 3574                 | 238.2                   |    |         |                       |

| Date        |     |      |      |     |        |
|-------------|-----|------|------|-----|--------|
| 27 JAN 2003 | 8.4 | 1982 | 73.8 | 7.7 | 4715.3 |
| 24 FEB 2003 | 8.4 | 2042 | 74.8 | 7.8 | 4714.6 |
| 25 MAR 2003 | 8.7 | 2075 | 73.7 | 7.8 | 4715.0 |
| 28 APR 2003 | 8.6 | 2028 | 70.5 | 7.7 | 4716.0 |
| 27 MAY 2003 | 8.6 | 2066 | 65.9 | 7.7 | 4717.1 |
| 24 JUN 2003 | 8.3 | 2096 | 62.1 | 7.9 | 4716.2 |
| 28 JUL 2003 | 8.2 | 2080 | 64.6 | 7.8 | 4716.0 |
| 25 AUG 2003 | 8.2 | 2065 | 66.4 | 7.9 | 4716.3 |
| 22 SEP 2003 | 8.4 | 2071 | 67.2 | 7.8 | 4716.6 |
| 27 OCT 2003 | 8.4 | 2063 | 73.2 | 7.7 | 4715.7 |
| 24 NOV 2003 | 9.1 | 2058 | 70.5 | 7.6 | 4715.4 |
| 28 DEC 2003 | 8.8 | 2050 | 70.9 | 7.3 | 4716.1 |

\* Values Exceed Upper Control Limit

6SM3

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6SM4

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR SHALLOW SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 24.2     | 3574                 | 238.2                   |    |         |                       |

| Date        |     |      |      |     |        |
|-------------|-----|------|------|-----|--------|
| 27 JAN 2003 | 7.0 | 1564 | 33.0 | 8.2 | 4715.8 |
| 24 FEB 2003 | 7.1 | 1581 | 36.9 | 8.2 | 4714.6 |
| 25 MAR 2003 | 7.2 | 1586 | 38.9 | 7.8 | 4714.0 |
| 28 APR 2003 | 7.0 | 1585 | 38.9 | 8.3 | 4715.3 |
| 27 MAY 2003 | 7.3 | 1675 | 49.1 | 8.3 | 4718.2 |
| 24 JUN 2003 | 6.7 | 1691 | 62.7 | 8.1 | 4717.1 |
| 28 JUL 2003 | 7.3 | 1593 | 43.5 | 7.8 | 4716.6 |
| 25 AUG 2003 | 7.1 | 1635 | 48.3 | 8.1 | 4716.3 |
| 22 SEP 2003 | 7.5 | 1577 | 52.0 | 8.1 | 4716.8 |
| 27 OCT 2003 | 7.1 | 1621 | 53.1 | 8.3 | 4716.2 |
| 24 NOV 2003 | 7.9 | 1609 | 51.8 | 8.3 | 4716.8 |
| 28 DEC 2003 | 7.1 | 1614 | 43.9 | 7.9 | 4716.5 |

\* Values Exceed Upper Control Limit

6SM4

Negative U308 Grades Indicate Less Than Detection Limit.

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR SHALLOW SAND MONITOR WELL**

Mine Unit 6  
 I.D. 6SM5

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22       | 1966                 | 289.1                   |    |         |                       |

| Date        |     |      |      |     |        |
|-------------|-----|------|------|-----|--------|
| 27 JAN 2003 | 7.9 | 1620 | 97.8 | 7.9 | 4708.2 |
| 24 FEB 2003 | 8.1 | 1616 | 98.9 | 7.9 | 4705.8 |
| 26 MAR 2003 | 8.0 | 1604 | 97.6 | 7.9 | 4705.0 |
| 28 APR 2003 | 8.2 | 1601 | 98.5 | 7.9 | 4706.6 |
| 27 MAY 2003 | 8.0 | 1599 | 89.0 | 7.9 | 4708.6 |
| 24 JUN 2003 | 8.0 | 1610 | 84.3 | 8.0 | 4707.1 |
| 29 JUL 2003 | 8.1 | 1629 | 92.0 | 8.1 | 4710.2 |
| 25 AUG 2003 | 7.7 | 1637 | 90.4 | 8.0 | 4707.0 |
| 22 SEP 2003 | 8.2 | 1638 | 90.0 | 7.9 | 4707.3 |
| 27 OCT 2003 | 7.7 | 1636 | 97.3 | 7.8 | 4707.0 |
| 24 NOV 2003 | 8.3 | 1624 | 99.6 | 7.9 | 4707.8 |
| 29 DEC 2003 | 7.7 | 1635 | 96.7 | 7.7 | 4707.4 |

\* Values Exceed Upper Control Limit

6SM5

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6SM6

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR SHALLOW SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22       | 1966                 | 289.1                   |    |         |                       |

| Date        |      |     |       |     |        |
|-------------|------|-----|-------|-----|--------|
| 27 JAN 2003 | 11.8 | 497 | 260.1 | 8.1 | 4690.9 |
| 25 FEB 2003 | 11.5 | 511 | 254.8 | 8.3 | 4688.2 |
| 30 MAR 2003 | 12.2 | 498 | 263.6 | 8.0 | 4689.0 |
| 29 APR 2003 | 12.0 | 498 | 261.1 | 8.2 | 4688.2 |
| 27 MAY 2003 | 11.7 | 513 | 238.0 | 8.1 | 4691.0 |
| 24 JUN 2003 | 12.1 | 502 | 227.8 | 8.3 | 4689.7 |
| 29 JUL 2003 | 11.7 | 525 | 244.7 | 8.2 | 4689.9 |
| 25 AUG 2003 | 11.6 | 517 | 243.1 | 8.1 | 4689.7 |
| 22 SEP 2003 | 11.6 | 513 | 244.0 | 8.1 | 4690.6 |
| 27 OCT 2003 | 11.8 | 508 | 261.5 | 8.2 | 4689.8 |
| 24 NOV 2003 | 11.8 | 504 | 258.8 | 8.2 | 4691.2 |
| 29 DEC 2003 | 11.7 | 505 | 258.4 | 7.7 | 4691.2 |

\* Values Exceed Upper Control Limit

6SM6

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## INTERIOR SHALLOW SAND MONITOR WELL

Mine Unit 6

Well I.D. 6SM7

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 25.6     | 889                  | 330                     |    |         |                       |

| Date        |      |     |       |     |        |
|-------------|------|-----|-------|-----|--------|
| 28 JAN 2003 | 11.7 | 501 | 258.8 | 8.1 | 4690.3 |
| 25 FEB 2003 | 11.6 | 497 | 263.8 | 8.5 | 4688.0 |
| 30 MAR 2003 | 11.7 | 483 | 256.2 | 8.1 | 4689.0 |
| 29 APR 2003 | 11.5 | 492 | 259.3 | 8.2 | 4688.2 |
| 27 MAY 2003 | 11.6 | 509 | 240.9 | 8.3 | 4690.9 |
| 24 JUN 2003 | 11.2 | 503 | 227.6 | 8.4 | 4689.5 |
| 29 JUL 2003 | 11.5 | 507 | 241.4 | 8.4 | 4689.7 |
| 25 AUG 2003 | 11.2 | 504 | 238.3 | 8.4 | 4689.5 |
| 22 SEP 2003 | 11.3 | 502 | 236.4 | 8.4 | 4690.1 |
| 27 OCT 2003 | 11.4 | 497 | 255.0 | 8.4 | 4689.7 |
| 24 NOV 2003 | 11.6 | 497 | 256.4 | 8.4 | 4690.9 |
| 29 DEC 2003 | 11.3 | 498 | 258.7 | 8.2 | 4690.7 |

\* Values Exceed Upper Control Limit

6SM7

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## INTERIOR SHALLOW SAND MONITOR WELL

2003

Mine Unit 6  
Well I.D. 6SM8

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 24.2     | 3574                 | 238.2                   |    |         |                       |

| Date        |      |      |      |     |        |
|-------------|------|------|------|-----|--------|
| 28 JAN 2003 | 10.8 | 2244 | 55.6 | 7.6 | 4731.0 |
| 25 FEB 2003 | 10.5 | 2245 | 56.3 | 7.9 | 4730.0 |
| 30 MAR 2003 | 10.9 | 2241 | 56.0 | 7.5 | 4729.0 |
| 29 APR 2003 | 9.7  | 2257 | 51.4 | 7.7 | 4729.6 |
| 28 MAY 2003 | 10.6 | 2297 | 51.4 | 7.6 | 4731.7 |
| 24 JUN 2003 | 10.1 | 2270 | 47.5 | 7.9 | 4730.1 |
| 28 JUL 2003 | 10.2 | 2266 | 50.2 | 7.8 | 4726.8 |
| 25 AUG 2003 | 10.3 | 2267 | 51.4 | 7.8 | 4730.0 |
| 22 SEP 2003 | 10.8 | 2289 | 54.9 | 7.7 | 4730.9 |
| 27 OCT 2003 | 11.1 | 2271 | 57.3 | 7.5 | 4730.3 |
| 25 NOV 2003 | 10.7 | 2248 | 56.4 | 7.9 | 4730.8 |
| 29 DEC 2003 | 10.1 | 2277 | 55.0 | 7.7 | 4730.9 |

\* Values Exceed Upper Control Limit

6SM8

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
W.D. 6SM9

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR SHALLOW SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 24.2     | 3574                 | 238.2                   |    |         |                       |

| Date        |      |      |      |     |        |
|-------------|------|------|------|-----|--------|
| 28 JAN 2003 | 9.8  | 2112 | 16.3 | 9.1 | 4731.0 |
| 25 FEB 2003 | 9.6  | 2112 | 17.9 | 9.1 | 4730.6 |
| 30 MAR 2003 | 10.7 | 2100 | 15.7 | 8.3 | 4730.0 |
| 29 APR 2003 | 9.7  | 2105 | 19.4 | 9.0 | 4729.4 |
| 28 MAY 2003 | 9.6  | 2056 | 21.9 | 8.8 | 4732.8 |
| 24 JUN 2003 | 9.2  | 2159 | 15.8 | 8.8 | 4730.8 |
| 28 JUL 2003 | 9.3  | 2145 | 14.7 | 9.2 | 4726.9 |
| 25 AUG 2003 | 9.3  | 2129 | 18.5 | 9.4 | 4730.7 |
| 22 SEP 2003 | 10.0 | 2126 | 16.6 | 9.0 | 4732.0 |
| 27 OCT 2003 | 9.7  | 2136 | 17.1 | 9.0 | 4731.0 |
| 25 NOV 2003 | 9.9  | 2115 | 18.3 | 8.9 | 4731.6 |
| 29 DEC 2003 | 9.0  | 2136 | 15.7 | 8.9 | 4731.7 |

\* Values Exceed Upper Control Limit

6SM9

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## INTERIOR SHALLOW SAND MONITOR WELL

Mine Unit 6  
Well I.D. 6SM10

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 25.6     | 889                  | 330                     |    |         |                       |

| Date        |      |     |       |     |        |
|-------------|------|-----|-------|-----|--------|
| 28 JAN 2003 | 10.6 | 773 | 247.5 | 8.1 | 4680.1 |
| 25 FEB 2003 | 10.4 | 791 | 242.4 | 8.2 | 4680.3 |
| 26 MAR 2003 | 10.7 | 795 | 251.1 | 8.2 | 4678.0 |
| 29 APR 2003 | 10.4 | 779 | 247.2 | 8.2 | 4679.3 |
| 28 MAY 2003 | 10.8 | 803 | 227.3 | 8.3 | 4681.1 |
| 25 JUN 2003 | 10.8 | 796 | 227.4 | 8.3 | 4680.1 |
| 29 JUL 2003 | 11.1 | 800 | 226.6 | 8.2 | 4677.0 |
| 25 AUG 2003 | 12.8 | 810 | 238.9 | 8.0 | 4676.3 |
| 23 SEP 2003 | 12.3 | 815 | 237.0 | 8.0 | 4680.4 |
| 27 OCT 2003 | 15.0 | 799 | 258.9 | 7.8 | 4680.4 |
| 25 NOV 2003 | 12.4 | 802 | 251.9 | 8.2 | 4681.3 |
| 29 DEC 2003 | 10.6 | 799 | 255.2 | 8.2 | 4681.4 |

\* Values Exceed Upper Control Limit

6SM10

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
V.I.D. 6SM11

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR SHALLOW SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 24.2     | 3574                 | 238.2                   |    |         |                       |

| Date        |      |      |      |     |        |
|-------------|------|------|------|-----|--------|
| 28 JAN 2003 | 13.9 | 2610 | 63.8 | 8.1 | 4730.9 |
| 25 FEB 2003 | 13.7 | 2625 | 70.3 | 8.3 | 4729.9 |
| 30 MAR 2003 | 14.1 | 2624 | 70.9 | 7.9 | 4730.0 |
| 29 APR 2003 | 13.7 | 2616 | 66.3 | 8.2 | 4728.4 |
| 28 MAY 2003 | 13.6 | 2671 | 64.1 | 8.1 | 4731.5 |
| 25 JUN 2003 | 13.4 | 2655 | 71.6 | 8.3 | 4730.2 |
| 29 JUL 2003 | 13.2 | 2647 | 69.8 | 8.2 | 4725.5 |
| 25 AUG 2003 | 13.7 | 2652 | 67.8 | 8.1 | 4725.5 |
| 22 SEP 2003 | 13.5 | 2669 | 70.8 | 8.3 | 4730.8 |
| 27 OCT 2003 | 13.6 | 2639 | 71.5 | 8.2 | 4730.4 |
| 25 NOV 2003 | 13.9 | 2647 | 90.9 | 8.4 | 4730.0 |
| 29 DEC 2003 | 13.1 | 2645 | 84.0 | 8.1 | 4730.1 |

\* Values Exceed Upper Control Limit

6SM11

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## INTERIOR SHALLOW SAND MONITOR WELL

Mine Unit 6  
Well I.D. 6SM12

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH  | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|-----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |     | mg/l    | msl                   |
| Upper Control Limit      | 24.2     | 3574                 | 238.2                   | 8.5 |         |                       |

| Date        |      |      |       |     |        |
|-------------|------|------|-------|-----|--------|
| 28 JAN 2003 | 13.5 | 2764 | 135.4 | 7.8 | 4730.5 |
| 25 FEB 2003 | 12.8 | 2759 | 115.5 | 7.6 | 4729.7 |
| 30 MAR 2003 | 13.0 | 2754 | 114.1 | 7.5 | 4729.0 |
| 29 APR 2003 | 12.8 | 2766 | 107.8 | 7.7 | 4728.5 |
| 28 MAY 2003 | 12.9 | 2812 | 106.2 | 7.7 | 4731.6 |
| 24 JUN 2003 | 12.9 | 2763 | 98.9  | 7.7 | 4729.8 |
| 29 JUL 2003 | 14.2 | 2748 | 100.9 | 7.7 | 4726.6 |
| 25 AUG 2003 | 14.3 | 2775 | 111.1 | 7.6 | 4725.6 |
| 22 SEP 2003 | 13.1 | 2753 | 101.7 | 7.6 | 4725.6 |
| 27 OCT 2003 | 12.4 | 2788 | 109.7 | 7.7 | 4730.0 |
| 25 NOV 2003 | 14.6 | 2771 | 110.0 | 7.8 | 4731.6 |
| 29 DEC 2003 | 12.3 | 2784 | 109.5 | 7.6 | 4730.4 |

\* Values Exceed Upper Control Limit

6SM12

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
W-11 I.D. 6SM13

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR SHALLOW SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 24.2     | 3574                 | 238.2                   |    |         |                       |

| Date        |      |      |      |     |        |
|-------------|------|------|------|-----|--------|
| 28 JAN 2003 | 12.6 | 2269 | 76.0 | 7.7 | 4730.8 |
| 25 FEB 2003 | 12.7 | 2283 | 78.0 | 8.0 | 4730.1 |
| 30 MAR 2003 | 13.2 | 2272 | 78.3 | 7.5 | 4730.0 |
| 29 APR 2003 | 13.0 | 2274 | 78.1 | 7.8 | 4730.4 |
| 28 MAY 2003 | 12.5 | 2294 | 70.0 | 7.8 | 4731.8 |
| 24 JUN 2003 | 12.3 | 2278 | 66.4 | 7.9 | 4730.2 |
| 29 JUL 2003 | 12.6 | 2298 | 72.4 | 7.8 | 4726.7 |
| 25 AUG 2003 | 12.3 | 2306 | 72.5 | 7.9 | 4729.9 |
| 22 SEP 2003 | 12.5 | 2317 | 72.1 | 7.8 | 4730.8 |
| 27 OCT 2003 | 11.9 | 2194 | 73.2 | 7.9 | 4730.4 |
| 25 NOV 2003 | 12.3 | 2200 | 77.5 | 7.8 | 4730.8 |
| 29 DEC 2003 | 12.3 | 2285 | 76.5 | 7.7 | 4730.8 |

\* Values Exceed Upper Control Limit

6SM13

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6SM14

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR SHALLOW SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22       | 1966                 | 289.1                   |    |         |                       |

| Date        |     |      |       |     |        |
|-------------|-----|------|-------|-----|--------|
| 28 JAN 2003 | 7.9 | 1115 | 140.8 | 8.2 | 4704.4 |
| 25 FEB 2003 | 7.7 | 1132 | 138.9 | 8.4 | 4703.5 |
| 26 MAR 2003 | 7.5 | 1122 | 135.1 | 8.3 | 4703.0 |
| 29 APR 2003 | 7.9 | 1133 | 138.6 | 8.3 | 4703.9 |
| 28 MAY 2003 | 7.9 | 1166 | 132.8 | 8.3 | 4705.5 |
| 24 JUN 2003 | 7.5 | 1151 | 116.3 | 8.4 | 4704.1 |
| 29 JUL 2003 | 7.7 | 1137 | 123.2 | 8.3 | 4700.9 |
| 25 AUG 2003 | 8.7 | 1155 | 121.8 | 8.0 | 4700.0 |
| 23 SEP 2003 | 7.3 | 1162 | 121.1 | 8.2 | 4705.0 |
| 27 OCT 2003 | 7.1 | 1152 | 129.8 | 8.3 | 4704.7 |
| 25 NOV 2003 | 7.4 | 1155 | 131.4 | 8.4 | 4705.4 |
| 29 DEC 2003 | 7.5 | 1154 | 134.2 | 8.3 | 4705.4 |

\* Values Exceed Upper Control Limit

6SM14

Negative U3O8 Grades Indicate Less Than Detection Limit.

**CHRISTENSEN RANCH PROJECT**

**Interior Deep Sand Monitor Wells**

Mine Unit 5  
Well I.D. MW-12D

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.8     | 1017                 | 420.9                   |    |         |                       |

| Date        |      |     |       |     |        |
|-------------|------|-----|-------|-----|--------|
| 22 JAN 2003 | 11.4 | 612 | 151.4 | 8.2 | 4593.2 |
| 18 FEB 2003 | 11.5 | 609 | 156.0 | 8.4 | 4594.3 |
| 17 MAR 2003 | 10.9 | 604 | 165.6 | 8.5 | 4594.0 |
| 21 APR 2003 | 10.5 | 593 | 162.9 | 8.5 | 4593.0 |
| 19 MAY 2003 | 10.7 | 611 | 163.5 | 8.4 | 4595.9 |
| 18 JUN 2003 | 10.5 | 609 | 147.3 | 8.5 | 4592.6 |
| 21 JUL 2003 | 10.4 | 606 | 143.2 | 8.4 | 4590.1 |
| 18 AUG 2003 | 10.6 | 606 | 151.8 | 8.4 | 4590.7 |
| 15 SEP 2003 | 10.2 | 611 | 146.8 | 8.5 | 4590.5 |
| 21 OCT 2003 | 10.8 | 606 | 155.8 | 8.3 | 4591.7 |
| 17 NOV 2003 | 11.1 | 606 | 154.9 | 8.5 | 4590.8 |
| 16 DEC 2003 | 10.8 | 602 | 160.5 | 8.4 | 4591.8 |

\* Values Exceed Upper Control Limit

MW-12D

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## INTERIOR DEEP SAND MONITOR WELL

Mine Unit 3

Well I.D. MW45D

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.7     | 753                  | 153.3                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 13 JAN 2003 | 9.7  | 615 | 135.9 | 8.6 |  | 4527.5 |
| 10 FEB 2003 | 9.8  | 617 | 133.3 | 8.5 |  | 4527.6 |
| 10 MAR 2003 | 9.9  | 612 | 132.8 | 8.5 |  | 4525.8 |
| 12 MAR 2003 | 9.8  | 635 | 110.8 | 8.5 |  | 4525.8 |
| 15 APR 2003 | 9.8  | 620 | 134.4 | 8.6 |  | 4527.0 |
| 12 MAY 2003 | 10.0 | 634 | 123.7 | 8.6 |  | 4528.4 |
| 09 JUN 2003 | 10.0 | 632 | 123.6 | 8.5 |  | 4526.5 |
| 07 JUL 2003 | 9.9  | 625 | 123.9 | 8.6 |  | 4526.0 |
| 11 AUG 2003 | 9.5  | 617 | 122.9 | 8.6 |  | 4526.6 |
| 08 SEP 2003 | 9.7  | 625 | 124.9 | 8.6 |  | 4525.4 |
| 06 OCT 2003 | 9.5  | 610 | 128.3 | 8.6 |  | 4524.8 |
| 11 NOV 2003 | 9.8  | 630 | 115.7 | 8.5 |  | 4526.1 |
| 08 DEC 2003 | 9.8  | 630 | 126.4 | 8.5 |  | 4527.0 |

\* Values Exceed Upper Control Limit

MW45D

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW47D

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.7     | 753                  | 153.5                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 13 JAN 2003 | 9.7  | 616 | 142.1 | 8.7 |  | 4528.9 |
| 11 FEB 2003 | 9.8  | 612 | 139.8 | 8.7 |  | 4528.9 |
| 10 MAR 2003 | 9.4  | 610 | 133.6 | 8.7 |  | 4527.0 |
| 15 APR 2003 | 10.0 | 604 | 139.4 | 8.7 |  | 4528.0 |
| 12 MAY 2003 | 9.7  | 652 | 117.0 | 8.7 |  | 4529.7 |
| 09 JUN 2003 | 9.5  | 636 | 119.8 | 8.6 |  | 4528.8 |
| 07 JUL 2003 | 9.5  | 629 | 122.5 | 8.7 |  | 4527.3 |
| 11 AUG 2003 | 9.7  | 616 | 130.5 | 8.7 |  | 4527.9 |
| 08 SEP 2003 | 9.7  | 628 | 124.9 | 8.6 |  | 4528.0 |
| 06 OCT 2003 | 9.5  | 621 | 126.1 | 8.7 |  | 4525.7 |
| 10 NOV 2003 | 9.7  | 630 | 129.3 | 8.6 |  | 4527.6 |
| 08 DEC 2003 | 9.5  | 625 | 130.3 | 8.6 |  | 4528.3 |

\* Values Exceed Upper Control Limit

MW47D

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW49D

COGEMA Mining Inc.  
CHRISTENSEN RANCH  
INTERIOR DEEP SAND MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.7     | 753                  | 153.3                   |    |         |                       |

| Date        |     |     |       |   |     |        |
|-------------|-----|-----|-------|---|-----|--------|
| 14 JAN 2003 | 9.0 | 530 | 184.0 | * | 8.7 | 4530.7 |
| 10 FEB 2003 | 9.1 | 545 | 173.2 | * | 8.6 | 4531.1 |
| 10 MAR 2003 | 9.4 | 554 | 174.7 | * | 8.6 | 4528.1 |
| 15 APR 2003 | 9.2 | 541 | 181.5 | * | 8.7 | 4530.0 |
| 12 MAY 2003 | 9.6 | 600 | 148.8 |   | 8.7 | 4531.4 |
| 09 JUN 2003 | 9.2 | 598 | 140.9 |   | 8.6 | 4530.7 |
| 07 JUL 2003 | 9.3 | 589 | 144.2 |   | 8.7 | 4529.1 |
| 11 AUG 2003 | 9.1 | 594 | 138.2 |   | 8.6 | 4529.9 |
| 08 SEP 2003 | 9.6 | 599 | 145.0 |   | 8.6 | 4530.0 |
| 06 OCT 2003 | 8.8 | 523 | 175.4 | * | 8.7 | 4526.9 |
| 10 NOV 2003 | 9.0 | 524 | 193.4 | * | 8.7 | 4529.6 |
| 08 DEC 2003 | 9.2 | 567 | 179.5 | * | 8.6 | 4530.0 |

\* Values Exceed Upper Control Limit

MW49D

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW51D

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.7     | 753                  | 153.3                   |    |         |                       |

| Date        |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 13 JAN 2003 | 10.5 | 649 | 120.5 | 8.6 |  | 4526.3 |
| 11 FEB 2003 | 10.3 | 639 | 120.8 | 8.6 |  | 4526.8 |
| 12 MAR 2003 | 10.3 | 633 | 123.5 | 8.6 |  | 4524.6 |
| 15 APR 2003 | 10.3 | 633 | 122.8 | 8.6 |  | 4526.0 |
| 12 MAY 2003 | 9.9  | 656 | 110.9 | 8.6 |  | 4527.0 |
| 11 JUN 2003 | 10.0 | 649 | 110.0 | 8.6 |  | 4525.1 |
| 07 JUL 2003 | 10.0 | 639 | 110.8 | 8.7 |  | 4524.8 |
| 11 AUG 2003 | 10.1 | 644 | 109.9 | 8.6 |  | 4523.8 |
| 08 SEP 2003 | 10.2 | 640 | 113.7 | 8.5 |  | 4525.4 |
| 07 OCT 2003 | 10.3 | 642 | 109.8 | 8.5 |  | 4522.6 |
| 10 NOV 2003 | 9.5  | 620 | 131.8 | 8.5 |  | 4524.6 |
| 08 DEC 2003 | 10.1 | 638 | 124.9 | 8.5 |  | 4525.6 |

\* Values Exceed Upper Control Limit

MW51D

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW53D

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.7     | 753                  | 153.3                   |    |         |                       |

| Date        |      |     |       |     |        |
|-------------|------|-----|-------|-----|--------|
| 14 JAN 2003 | 10.4 | 652 | 110.5 | 8.7 | 4533.7 |
| 10 FEB 2003 | 10.2 | 644 | 108.4 | 8.6 | 4533.7 |
| 10 MAR 2003 | 10.2 | 647 | 109.3 | 8.7 | 4531.3 |
| 14 APR 2003 | 10.4 | 644 | 109.3 | 8.8 | 4533.0 |
| 12 MAY 2003 | 10.4 | 666 | 100.8 | 8.6 | 4533.3 |
| 11 JUN 2003 | 9.9  | 666 | 99.7  | 8.7 | 4532.3 |
| 08 JUL 2003 | 10.2 | 659 | 101.6 | 8.7 | 4532.9 |
| 12 AUG 2003 | 9.8  | 655 | 99.1  | 8.7 | 4533.5 |
| 09 SEP 2003 | 10.3 | 659 | 103.2 | 8.7 | 4532.9 |
| 07 OCT 2003 | 9.9  | 663 | 100.1 | 8.5 | 4529.1 |
| 10 NOV 2003 | 10.0 | 649 | 121.0 | 8.6 | 4531.9 |
| 10 DEC 2003 | 10.3 | 650 | 119.9 | 8.7 | 4532.9 |

\* Values Exceed Upper Control Limit

MW53D

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW55D

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.7     | 753                  | 153.3                   |    |         |                       |

| Date        |     |     |       |   |     |        |
|-------------|-----|-----|-------|---|-----|--------|
| 15 JAN 2003 | 8.9 | 543 | 171.6 | * | 8.8 | 4532.0 |
| 12 FEB 2003 | 9.2 | 529 | 171.7 | * | 8.6 | 4532.7 |
| 12 MAR 2003 | 9.2 | 542 | 167.1 | * | 8.8 | 4530.0 |
| 16 APR 2003 | 9.4 | 549 | 161.9 | * | 8.8 | 4532.0 |
| 13 MAY 2003 | 9.1 | 579 | 148.0 |   | 8.8 | 4532.3 |
| 11 JUN 2003 | 9.2 | 576 | 145.1 |   | 8.8 | 4531.1 |
| 07 JUL 2003 | 9.3 | 574 | 144.5 |   | 8.9 | 4531.9 |
| 12 AUG 2003 | 9.2 | 570 | 142.3 |   | 8.8 | 4531.7 |
| 09 SEP 2003 | 9.1 | 572 | 141.8 |   | 8.7 | 4531.8 |
| 07 OCT 2003 | 9.4 | 575 | 139.2 |   | 8.7 | 4528.5 |
| 11 NOV 2003 | 9.6 | 563 | 155.2 | * | 8.8 | 4530.8 |
| 09 DEC 2003 | 9.7 | 547 | 167.0 | * | 8.8 | 4531.8 |

\* Values Exceed Upper Control Limit

MW55D

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## INTERIOR DEEP SAND MONITOR WELL

2003

Mine Unit 3  
Well I.D. MW57D

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.7     | 753                  | 153.3                   |    |         |                       |

| Date        |      |     |       |     |        |
|-------------|------|-----|-------|-----|--------|
| 15 JAN 2003 | 11.0 | 643 | 112.6 | 8.8 | 4537.0 |
| 12 FEB 2003 | 10.9 | 622 | 116.6 | 8.7 | 4536.7 |
| 12 MAR 2003 | 11.0 | 628 | 115.3 | 8.6 | 4534.8 |
| 16 APR 2003 | 11.2 | 632 | 113.6 | 8.7 | 4537.0 |
| 13 MAY 2003 | 10.8 | 652 | 104.6 | 8.6 | 4537.1 |
| 11 JUN 2003 | 10.6 | 648 | 103.4 | 8.7 | 4535.9 |
| 07 JUL 2003 | 10.6 | 640 | 104.4 | 8.8 | 4536.8 |
| 12 AUG 2003 | 10.7 | 642 | 103.7 | 8.7 | 4538.6 |
| 09 SEP 2003 | 10.7 | 643 | 104.5 | 8.6 | 4536.5 |
| 07 OCT 2003 | 10.8 | 640 | 103.6 | 8.6 | 4533.5 |
| 11 NOV 2003 | 11.2 | 640 | 110.4 | 8.7 | 4535.3 |
| 09 DEC 2003 | 11.2 | 637 | 115.8 | 8.6 | 4536.7 |

\* Values Exceed Upper Control Limit

MW57D

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 3  
Well I.D. MW65D

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.7     | 753                  | 153.3                   |    |         |                       |

| Date        |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 15 JAN 2003 | 8.1 | 518 | 139.6 | 9.1 |  | 4541.1 |
| 12 FEB 2003 | 9.1 | 551 | 150.6 | 9.1 |  | 4541.3 |
| 12 MAR 2003 | 9.1 | 584 | 139.7 | 9.2 |  | 4538.6 |
| 16 APR 2003 | 9.3 | 548 | 163.3 | 9.1 |  | 4541.0 |
| 13 MAY 2003 | 9.7 | 603 | 131.3 | 9.1 |  | 4541.2 |
| 11 JUN 2003 | 9.0 | 590 | 131.5 | 9.1 |  | 4540.2 |
| 07 JUL 2003 | 9.3 | 597 | 126.3 | 9.2 |  | 4541.1 |
| 12 AUG 2003 | 8.9 | 579 | 132.9 | 9.1 |  | 4540.3 |
| 09 SEP 2003 | 8.2 | 532 | 157.0 | 9.0 |  | 4541.3 |
| 07 OCT 2003 | 9.1 | 581 | 131.0 | 9.0 |  | 4541.3 |
| 11 NOV 2003 | 8.9 | 575 | 174.2 | 9.1 |  | 4540.0 |
| 09 DEC 2003 | 9.4 | 580 | 144.2 | 9.1 |  | 4541.0 |

\* Values Exceed Upper Control Limit

MW65D

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW67D

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 12.9     | 789                  | 134                     |    |         |                       |

## Date

|             |     |     |       |   |     |        |
|-------------|-----|-----|-------|---|-----|--------|
| 06 JAN 2003 | 9.6 | 558 | 184.6 | * | 8.9 | 4524.1 |
| 03 FEB 2003 | 9.5 | 569 | 180.1 | * | 8.6 | 4523.9 |
| 03 MAR 2003 | 9.8 | 572 | 182.4 | * | 8.9 | 4523.9 |
| 07 APR 2003 | 9.5 | 563 | 181.2 | * | 8.8 | 4524.0 |
| 05 MAY 2003 | 9.7 | 576 | 189.1 | * | 8.8 | 4524.0 |
| 02 JUN 2003 | 9.2 | 580 | 164.2 | * | 8.8 | 4523.0 |
| 01 JUL 2003 | 9.1 | 569 | 165.0 | * | 8.8 | 4524.1 |
| 04 AUG 2003 | 9.3 | 570 | 164.9 | * | 8.7 | 4523.8 |
| 02 SEP 2003 | 9.3 | 575 | 162.9 | * | 8.9 | 4522.7 |
| 30 SEP 2003 | 9.3 | 573 | 156.3 | * | 8.8 | 4523.4 |
| 03 NOV 2003 | 9.1 | 576 | 162.9 | * | 8.7 | 4522.3 |
| 01 DEC 2003 | 9.6 | 567 | 172.0 | * | 8.8 | 4523.8 |

\* Values Exceed Upper Control Limit

MW67D

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW69D

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 12.9     | 789                  | 134                     |    |         |                       |

## Date

|             |      |     |       |     |        |
|-------------|------|-----|-------|-----|--------|
| 07 JAN 2003 | 9.2  | 616 | 140.8 | 8.9 | 4525.0 |
| 03 FEB 2003 | 9.5  | 618 | 142.0 | 8.7 | 4525.1 |
| 03 MAR 2003 | 9.7  | 642 | 138.9 | 8.9 | 4524.8 |
| 07 APR 2003 | 9.8  | 624 | 137.8 | 8.9 | 4525.0 |
| 05 MAY 2003 | 9.4  | 631 | 136.0 | 8.9 | 4524.4 |
| 02 JUN 2003 | 9.6  | 651 | 120.5 | 8.8 | 4523.9 |
| 01 JUL 2003 | 9.4  | 631 | 125.6 | 8.9 | 4525.1 |
| 04 AUG 2003 | 9.5  | 630 | 132.1 | 8.7 | 4524.7 |
| 02 SEP 2003 | 9.5  | 644 | 127.5 | 8.9 | 4523.6 |
| 30 SEP 2003 | 8.8  | 619 | 124.5 | 8.8 | 4524.0 |
| 03 NOV 2003 | 9.1  | 625 | 135.9 | 8.8 | 4523.3 |
| 01 DEC 2003 | 10.0 | 633 | 133.4 | 8.7 | 4525.1 |

\* Values Exceed Upper Control Limit

MW69D

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

Mine Unit 2  
Well I.D. MW71D

## INTERIOR DEEP SAND MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 12.9     | 789                  | 134                     |    |         |                       |

| Date        |      |     |       |   |     |        |
|-------------|------|-----|-------|---|-----|--------|
| 06 JAN 2003 | 9.5  | 624 | 143.6 | • | 9.0 | 4526.4 |
| 03 FEB 2003 | 9.3  | 631 | 134.5 | • | 8.7 | 4526.2 |
| 03 MAR 2003 | 9.8  | 635 | 131.8 |   | 9.0 | 4526.3 |
| 07 APR 2003 | 10.0 | 645 | 124.2 |   | 8.9 | 4526.0 |
| 05 MAY 2003 | 9.8  | 653 | 118.1 |   | 8.9 | 4525.8 |
| 02 JUN 2003 | 9.4  | 660 | 114.2 |   | 8.9 | 4525.3 |
| 01 JUL 2003 | 9.6  | 639 | 117.0 |   | 9.0 | 4526.7 |
| 04 AUG 2003 | 9.8  | 645 | 121.3 |   | 8.7 | 4526.2 |
| 02 SEP 2003 | 9.7  | 666 | 117.5 |   | 8.8 | 4526.1 |
| 30 SEP 2003 | 9.8  | 652 | 110.4 |   | 8.8 | 4525.1 |
| 03 NOV 2003 | 9.4  | 639 | 130.0 |   | 8.8 | 4504.9 |
| 01 DEC 2003 | 9.7  | 645 | 126.6 |   | 8.8 | 4526.1 |

\* Values Exceed Upper Control Limit

MW71D

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW91D

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 12.9     | 789                  | 134                     |    |         |                       |

| Date        |     |     |       |   |     |        |
|-------------|-----|-----|-------|---|-----|--------|
| 07 JAN 2003 | 9.1 | 552 | 183.3 | * | 8.7 | 4524.1 |
| 03 FEB 2003 | 9.2 | 561 | 173.8 | * | 8.5 | 4524.0 |
| 03 MAR 2003 | 9.4 | 571 | 168.7 | * | 8.6 | 4523.9 |
| 07 APR 2003 | 9.3 | 559 | 181.8 | * | 8.7 | 4524.0 |
| 05 MAY 2003 | 9.5 | 560 | 180.3 | * | 8.6 | 4523.9 |
| 02 JUN 2003 | 9.2 | 583 | 154.6 | * | 8.6 | 4523.0 |
| 01 JUL 2003 | 9.4 | 578 | 153.8 | * | 8.6 | 4524.0 |
| 04 AUG 2003 | 9.5 | 573 | 163.7 | * | 8.6 | 4523.7 |
| 02 SEP 2003 | 9.2 | 572 | 153.5 | * | 8.6 | 4522.5 |
| 30 SEP 2003 | 9.1 | 577 | 146.8 | * | 8.6 | 4523.5 |
| 03 NOV 2003 | 9.1 | 565 | 174.3 | * | 8.5 | 4522.2 |
| 01 DEC 2003 | 9.4 | 571 | 167.0 | * | 8.5 | 4523.8 |

\* Values Exceed Upper Control Limit

MW91D

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW93D

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 12.9     | 789                  | 134                     |    |         |                       |

| Date        |      |     |       |     |        |
|-------------|------|-----|-------|-----|--------|
| 07 JAN 2003 | 10.4 | 663 | 114.8 | 8.6 | 4523.1 |
| 03 FEB 2003 | 9.9  | 662 | 108.4 | 8.4 | 4522.9 |
| 03 MAR 2003 | 10.1 | 663 | 111.0 | 8.5 | 4522.8 |
| 07 APR 2003 | 10.2 | 663 | 111.1 | 8.7 | 4523.0 |
| 05 MAY 2003 | 10.2 | 665 | 111.5 | 8.6 | 4522.8 |
| 04 JUN 2003 | 9.7  | 675 | 98.8  | 8.5 | 4521.8 |
| 01 JUL 2003 | 10.1 | 667 | 102.6 | 8.6 | 4522.9 |
| 04 AUG 2003 | 9.7  | 666 | 99.8  | 8.6 | 4522.6 |
| 02 SEP 2003 | 10.0 | 667 | 96.8  | 8.6 | 4521.5 |
| 29 SEP 2003 | 9.9  | 673 | 95.8  | 8.5 | 4522.4 |
| 03 NOV 2003 | 9.7  | 661 | 106.7 | 8.5 | 4521.1 |
| 01 DEC 2003 | 9.9  | 661 | 108.3 | 8.4 | 4522.4 |

\* Values Exceed Upper Control Limit

MW93D

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW95D

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 12.9     | 789                  | 134                     |    |         |                       |

| Date        |      |     |       |     |        |
|-------------|------|-----|-------|-----|--------|
| 07 JAN 2003 | 10.1 | 656 | 115.6 | 8.6 | 4523.1 |
| 03 FEB 2003 | 9.9  | 657 | 114.3 | 8.4 | 4523.1 |
| 03 MAR 2003 | 9.8  | 658 | 115.3 | 8.5 | 4523.0 |
| 07 APR 2003 | 10.1 | 658 | 125.1 | 8.6 | 4523.0 |
| 05 MAY 2003 | 10.1 | 665 | 115.5 | 8.6 | 4522.6 |
| 04 JUN 2003 | 9.8  | 670 | 104.2 | 8.5 | 4522.1 |
| 01 JUL 2003 | 10.1 | 659 | 108.5 | 8.6 | 4523.1 |
| 04 AUG 2003 | 9.9  | 659 | 105.7 | 8.5 | 4523.0 |
| 02 SEP 2003 | 10.0 | 664 | 100.2 | 8.6 | 4521.7 |
| 29 SEP 2003 | 9.8  | 666 | 99.1  | 8.5 | 4522.7 |
| 03 NOV 2003 | 9.8  | 659 | 113.4 | 8.5 | 4521.4 |
| 01 DEC 2003 | 9.8  | 656 | 112.1 | 8.4 | 4522.7 |

\* Values Exceed Upper Control Limit

MW95D

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW97D

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.8     | 723                  | 143.3                   |    |         |                       |

| Date        |      |     |       |     |        |
|-------------|------|-----|-------|-----|--------|
| 07 JAN 2003 | 10.9 | 625 | 124.1 | 8.5 | 4522.6 |
| 03 FEB 2003 | 10.5 | 633 | 114.2 | 8.4 | 4522.4 |
| 03 MAR 2003 | 10.7 | 626 | 119.1 | 8.5 | 4522.8 |
| 07 APR 2003 | 10.5 | 629 | 109.2 | 8.7 | 4522.0 |
| 05 MAY 2003 | 10.7 | 638 | 112.4 | 8.6 | 4522.6 |
| 02 JUN 2003 | 10.3 | 642 | 105.3 | 8.6 | 4521.7 |
| 01 JUL 2003 | 10.5 | 633 | 105.6 | 8.6 | 4521.4 |
| 04 AUG 2003 | 10.4 | 627 | 111.3 | 8.6 | 4522.7 |
| 02 SEP 2003 | 10.4 | 634 | 109.3 | 8.6 | 4521.4 |
| 29 SEP 2003 | 10.4 | 640 | 108.5 | 8.5 | 4522.4 |
| 03 NOV 2003 | 10.2 | 626 | 108.0 | 8.5 | 4521.0 |
| 01 DEC 2003 | 10.8 | 627 | 114.9 | 8.4 | 4522.0 |

\* Values Exceed Upper Control Limit

MW97D

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. : MW99D

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.8     | 723                  | 143.3                   |    |         |                       |

| Date        |      |     |       |   |     |        |
|-------------|------|-----|-------|---|-----|--------|
| 07 JAN 2003 | 10.8 | 543 | 185.2 | * | 8.6 | 4519.9 |
| 03 FEB 2003 | 11.0 | 549 | 189.5 | * | 8.4 | 4519.6 |
| 04 MAR 2003 | 11.0 | 555 | 182.6 | * | 8.7 | 4519.6 |
| 07 APR 2003 | 10.6 | 594 | 145.9 | * | 8.7 | 4519.0 |
| 05 MAY 2003 | 10.9 | 576 | 162.0 | * | 8.7 | 4520.1 |
| 02 JUN 2003 | 10.5 | 573 | 150.6 | * | 8.7 | 4518.9 |
| 01 JUL 2003 | 10.5 | 565 | 152.5 | * | 8.6 | 4522.6 |
| 04 AUG 2003 | 10.3 | 559 | 159.2 | * | 8.6 | 4518.8 |
| 02 SEP 2003 | 10.4 | 559 | 156.9 | * | 8.7 | 4518.7 |
| 29 SEP 2003 | 10.6 | 586 | 149.5 | * | 8.6 | 4519.5 |
| 03 NOV 2003 | 10.2 | 583 | 143.8 | * | 8.6 | 4518.5 |
| 03 DEC 2003 | 10.7 | 614 | 129.9 |   | 8.6 | 4522.8 |

\* Values Exceed Upper Control Limit

MW99D

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

Mine Unit 2  
Well I.D. MW113D

## INTERIOR DEEP SAND MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 13.8     | 723                  | 143.3                   |    |         |                       |

| Date        |      |     |       |   |     |        |
|-------------|------|-----|-------|---|-----|--------|
| 07 JAN 2003 | 11.4 | 488 | 233.0 | * | 8.8 | 4520.5 |
| 03 FEB 2003 | 11.3 | 486 | 233.0 | * | 8.7 | 4520.4 |
| 04 MAR 2003 | 11.7 | 495 | 234.6 | * | 8.9 | 4520.3 |
| 07 APR 2003 | 11.2 | 504 | 233.5 | * | 8.9 | 4520.0 |
| 05 MAY 2003 | 11.4 | 515 | 213.9 | * | 8.8 | 4514.6 |
| 02 JUN 2003 | 10.8 | 527 | 191.5 | * | 8.9 | 4519.6 |
| 01 JUL 2003 | 11.0 | 519 | 192.8 | * | 8.9 | 4519.3 |
| 04 AUG 2003 | 10.8 | 517 | 192.4 | * | 8.8 | 4519.5 |
| 02 SEP 2003 | 11.1 | 522 | 194.0 | * | 8.9 | 4519.3 |
| 29 SEP 2003 | 11.1 | 531 | 185.7 | * | 8.8 | 4520.1 |
| 03 NOV 2003 | 11.0 | 517 | 206.7 | * | 8.8 | 4529.1 |
| 03 DEC 2003 | 10.9 | 521 | 203.8 | * | 8.8 | 4519.8 |

\* Values Exceed Upper Control Limit

MW113D

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 4  
Well I.D. 4DM-1

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 14.1     | 712                  | 189.2                   |    |         |                       |

| Date        |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 03 JAN 2003 | 8.9 | 564 | 129.4 | 8.4 |  | 4562.8 |
| 04 FEB 2003 | 8.8 | 572 | 126.1 | 8.5 |  | 4562.4 |
| 04 MAR 2003 | 8.7 | 573 | 126.6 | 8.8 |  | 4562.0 |
| 05 APR 2003 | 8.9 | 558 | 128.7 | 8.7 |  | 4562.0 |
| 07 MAY 2003 | 9.1 | 576 | 129.1 | 8.7 |  | 4561.8 |
| 03 JUN 2003 | 8.3 | 583 | 125.5 | 8.6 |  | 4560.8 |
| 01 JUL 2003 | 8.9 | 573 | 117.0 | 8.7 |  | 4561.8 |
| 06 AUG 2003 | 8.5 | 574 | 113.8 | 8.7 |  | 4560.7 |
| 03 SEP 2003 | 8.6 | 573 | 116.5 | 8.7 |  | 4560.7 |
| 01 OCT 2003 | 8.7 | 573 | 115.6 | 8.7 |  | 4561.3 |
| 05 NOV 2003 | 8.7 | 570 | 126.2 | 8.6 |  | 4561.7 |
| 03 DEC 2003 | 8.5 | 566 | 125.2 | 8.6 |  | 4560.4 |

\* Values Exceed Upper Control Limit

4DM-1

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## INTERIOR DEEP SAND MONITOR WELL

Mine Unit 4  
Well I.D. 4DM-4

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 14.1     | 712                  | 189.2                   |    |         |                       |

| Date        |     |     |       |     |        |
|-------------|-----|-----|-------|-----|--------|
| 08 JAN 2003 | 8.2 | 518 | 147.8 | 8.6 | 4551.3 |
| 04 FEB 2003 | 8.3 | 514 | 146.1 | 8.5 | 4550.2 |
| 04 MAR 2003 | 8.2 | 519 | 147.7 | 8.8 | 4550.2 |
| 09 APR 2003 | 8.3 | 528 | 145.8 | 8.7 | 4550.0 |
| 07 MAY 2003 | 8.3 | 521 | 146.8 | 8.7 | 4550.2 |
| 03 JUN 2003 | 8.0 | 530 | 131.4 | 8.7 | 4549.4 |
| 02 JUL 2003 | 8.1 | 517 | 134.2 | 8.7 | 4550.4 |
| 06 AUG 2003 | 8.0 | 521 | 131.2 | 8.7 | 4549.6 |
| 03 SEP 2003 | 8.0 | 523 | 134.1 | 8.7 | 4549.6 |
| 01 OCT 2003 | 8.2 | 524 | 135.0 | 8.8 | 4549.4 |
| 05 NOV 2003 | 8.3 | 518 | 149.3 | 8.7 | 4550.1 |
| 03 DEC 2003 | 8.0 | 516 | 145.3 | 8.6 | 4549.5 |

\* Values Exceed Upper Control Limit

4DM-4

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 4  
Well I.D. 4DM-8

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 14.1     | 712                  | 189.2                   |    |         |                       |

| Date        |     |     |       |     |        |
|-------------|-----|-----|-------|-----|--------|
| 08 JAN 2003 | 8.9 | 515 | 157.5 | 8.6 | 4544.5 |
| 04 FEB 2003 | 8.8 | 514 | 154.9 | 8.5 | 4544.3 |
| 04 MAR 2003 | 8.5 | 518 | 154.2 | 8.8 | 4543.8 |
| 09 APR 2003 | 9.0 | 518 | 160.6 | 8.7 | 4543.0 |
| 07 MAY 2003 | 8.7 | 522 | 154.4 | 8.7 | 4543.7 |
| 03 JUN 2003 | 8.4 | 530 | 139.5 | 8.6 | 4543.0 |
| 01 JUL 2003 | 8.6 | 519 | 141.8 | 8.7 | 4544.4 |
| 04 AUG 2003 | 8.7 | 520 | 133.7 | 8.6 | 4543.3 |
| 03 SEP 2003 | 8.4 | 522 | 140.6 | 8.7 | 4543.5 |
| 01 OCT 2003 | 8.6 | 523 | 140.8 | 8.7 | 4542.6 |
| 05 NOV 2003 | 8.7 | 518 | 155.1 | 8.6 | 4542.7 |
| 02 DEC 2003 | 8.7 | 517 | 146.4 | 8.6 | 4543.4 |

\* Values Exceed Upper Control Limit

4DM-8

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 4  
Well I.D. 4DRM-07

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 14.1     | 712                  | 189.2                   |    |         |                       |

| Date        |     |     |       |     |        |
|-------------|-----|-----|-------|-----|--------|
| 08 JAN 2003 | 8.4 | 526 | 141.2 | 8.5 | 4556.6 |
| 04 FEB 2003 | 8.7 | 528 | 140.3 | 8.5 | 4555.6 |
| 04 MAR 2003 | 8.5 | 528 | 140.2 | 8.3 | 4556.2 |
| 08 APR 2003 | 8.4 | 522 | 139.3 | 8.7 | 4555.5 |
| 07 MAY 2003 | 8.6 | 538 | 140.9 | 8.7 | 4555.4 |
| 03 JUN 2003 | 8.5 | 545 | 130.1 | 8.6 | 4554.6 |
| 01 JUL 2003 | 8.3 | 534 | 127.5 | 8.6 | 4555.7 |
| 06 AUG 2003 | 8.3 | 535 | 127.2 | 8.7 | 4554.7 |
| 03 SEP 2003 | 8.6 | 536 | 133.1 | 8.7 | 4554.7 |
| 01 OCT 2003 | 8.3 | 540 | 128.4 | 8.7 | 4554.7 |
| 05 NOV 2003 | 8.3 | 531 | 137.8 | 8.6 | 4555.1 |
| 03 DEC 2003 | 8.2 | 531 | 138.4 | 8.5 | 4554.5 |

\* Values Exceed Upper Control Limit

4DRM-07

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5DM1A

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.8     | 1017                 | 420.9                   |    |         |                       |

| Date        |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 22 JAN 2003 | 5.7 | 418 | 217.8 | 8.7 |  | 4597.4 |
| 18 FEB 2003 | 5.6 | 417 | 210.7 | 8.9 |  | 4594.4 |
| 17 MAR 2003 | 5.7 | 420 | 214.3 | 8.9 |  | 4596.0 |
| 21 APR 2003 | 5.6 | 412 | 212.5 | 8.9 |  | 4595.0 |
| 19 MAY 2003 | 5.5 | 423 | 199.1 | 8.9 |  | 4600.7 |
| 18 JUN 2003 | 5.4 | 421 | 192.4 | 8.9 |  | 4595.6 |
| 21 JUL 2003 | 5.5 | 417 | 200.2 | 8.8 |  | 4594.2 |
| 18 AUG 2003 | 5.3 | 420 | 203.0 | 8.9 |  | 4594.9 |
| 15 SEP 2003 | 5.3 | 420 | 197.7 | 8.9 |  | 4594.7 |
| 20 OCT 2003 | 5.6 | 418 | 211.9 | 8.7 |  | 4595.5 |
| 19 NOV 2003 | 5.5 | 419 | 209.3 | 8.9 |  | 4593.9 |
| 16 DEC 2003 | 5.3 | 415 | 212.5 | 8.8 |  | 4594.1 |

\* Values Exceed Upper Control Limit

5DM1A

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5DM2

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.8     | 1017                 | 420.9                   |    |         |                       |

| Date        |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 22 JAN 2003 | 11.3 | 621 | 124.1 | 8.7 |  | 4589.2 |
| 18 FEB 2003 | 10.9 | 622 | 121.6 | 8.9 |  | 4590.5 |
| 18 MAR 2003 | 11.3 | 631 | 123.6 | 8.6 |  | 4590.0 |
| 22 APR 2003 | 11.2 | 612 | 120.6 | 9.1 |  | 4586.8 |
| 19 MAY 2003 | 11.2 | 639 | 112.1 | 8.8 |  | 4588.9 |
| 18 JUN 2003 | 11.0 | 627 | 112.8 | 8.6 |  | 4587.4 |
| 21 JUL 2003 | 10.9 | 622 | 110.4 | 8.9 |  | 4584.8 |
| 19 AUG 2003 | 11.1 | 625 | 113.1 | 8.9 |  | 4584.3 |
| 16 SEP 2003 | 13.2 | 630 | 112.5 | 8.9 |  | 4583.3 |
| 21 OCT 2003 | 12.4 | 628 | 123.6 | 8.9 |  | 4583.5 |
| 19 NOV 2003 | 10.9 | 622 | 122.5 | 8.8 |  | 4584.1 |
| 16 DEC 2003 | 10.7 | 624 | 118.7 | 8.9 |  | 4584.6 |

\* Values Exceed Upper Control Limit

5DM2

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5DM3

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.8     | 1017                 | 420.9                   |    |         |                       |

| Date        |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 22 JAN 2003 | 10.9 | 559 | 130.3 | 8.4 |  | 4594.7 |
| 18 FEB 2003 | 10.9 | 561 | 135.6 | 8.8 |  | 4594.0 |
| 17 MAR 2003 | 10.5 | 562 | 132.6 | 8.7 |  | 4593.0 |
| 22 APR 2003 | 11.1 | 556 | 137.6 | 8.8 |  | 4593.3 |
| 19 MAY 2003 | 10.5 | 574 | 119.9 | 8.7 |  | 4593.2 |
| 18 JUN 2003 | 10.8 | 568 | 120.9 | 8.7 |  | 4591.1 |
| 21 JUL 2003 | 10.4 | 567 | 120.2 | 8.6 |  | 4590.0 |
| 19 AUG 2003 | 10.1 | 565 | 119.0 | 8.7 |  | 4591.9 |
| 16 SEP 2003 | 10.2 | 566 | 117.7 | 8.7 |  | 4589.1 |
| 21 OCT 2003 | 10.1 | 562 | 127.3 | 8.7 |  | 4592.1 |
| 19 NOV 2003 | 10.0 | 561 | 129.1 | 8.8 |  | 4591.7 |
| 16 DEC 2003 | 9.7  | 559 | 129.0 | 8.7 |  | 4590.6 |

\* Values Exceed Upper Control Limit

5DM3

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5DM4

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.8     | 1017                 | 420.9                   |    |         |                       |

| Date        |     |     |       |     |        |
|-------------|-----|-----|-------|-----|--------|
| 22 JAN 2003 | 5.8 | 424 | 229.1 | 8.6 | 4597.6 |
| 18 FEB 2003 | 5.8 | 428 | 227.4 | 8.7 | 4596.0 |
| 17 MAR 2003 | 5.8 | 427 | 226.6 | 8.7 | 4595.0 |
| 21 APR 2003 | 5.6 | 423 | 221.2 | 8.8 | 4594.0 |
| 19 MAY 2003 | 5.7 | 437 | 204.2 | 8.7 | 4595.4 |
| 17 JUN 2003 | 6.1 | 430 | 227.5 | 8.7 | 4594.8 |
| 21 JUL 2003 | 5.5 | 431 | 207.7 | 8.7 | 4593.2 |
| 19 AUG 2003 | 5.3 | 429 | 211.3 | 8.7 | 4594.7 |
| 15 SEP 2003 | 5.4 | 431 | 206.0 | 8.8 | 4593.8 |
| 20 OCT 2003 | 5.5 | 428 | 201.1 | 8.6 | 4594.8 |
| 19 NOV 2003 | 5.5 | 425 | 221.4 | 8.7 | 4594.0 |
| 16 DEC 2003 | 5.6 | 426 | 227.8 | 8.7 | 4593.8 |

\* Values Exceed Upper Control Limit

5DM4

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5DM5

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.8     | 1017                 | 420.9                   |    |         |                       |

| Date        |     |     |       |     |        |
|-------------|-----|-----|-------|-----|--------|
| 20 JAN 2003 | 6.0 | 445 | 246.3 | 8.6 | 4596.4 |
| 18 FEB 2003 | 5.7 | 448 | 244.9 | 8.6 | 4591.6 |
| 18 MAR 2003 | 6.0 | 450 | 240.9 | 8.5 | 4589.0 |
| 22 APR 2003 | 6.1 | 445 | 241.8 | 8.7 | 4589.8 |
| 19 MAY 2003 | 6.1 | 459 | 229.0 | 8.7 | 4591.0 |
| 17 JUN 2003 | 5.9 | 451 | 233.9 | 8.6 | 4590.0 |
| 21 JUL 2003 | 5.7 | 451 | 222.3 | 8.7 | 4588.5 |
| 18 AUG 2003 | 5.7 | 451 | 230.0 | 8.6 | 4590.6 |
| 15 SEP 2003 | 5.6 | 452 | 231.5 | 8.7 | 4589.3 |
| 20 OCT 2003 | 6.2 | 454 | 223.2 | 8.6 | 4589.6 |
| 17 NOV 2003 | 6.1 | 448 | 232.0 | 8.6 | 4588.6 |
| 16 DEC 2003 | 5.6 | 447 | 234.8 | 8.6 | 4588.3 |

\* Values Exceed Upper Control Limit

5DM5

Negative U308 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

Mine Unit 5  
Well I.D. 5DM7

## INTERIOR DEEP SAND MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.8     | 1017                 | 420.9                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 21 JAN 2003 | 7.7 | 520 | 256.3 | 8.5 |  | 4587.3 |
| 18 FEB 2003 | 7.6 | 513 | 251.7 | 8.5 |  | 4586.6 |
| 18 MAR 2003 | 8.1 | 524 | 250.7 | 8.4 |  | 4585.0 |
| 22 APR 2003 | 7.7 | 517 | 252.3 | 8.6 |  | 4587.3 |
| 19 MAY 2003 | 7.9 | 533 | 242.5 | 8.6 |  | 4588.8 |
| 18 JUN 2003 | 7.9 | 539 | 236.8 | 8.5 |  | 4582.9 |
| 21 JUL 2003 | 7.5 | 521 | 235.4 | 8.5 |  | 4587.5 |
| 18 AUG 2003 | 8.2 | 525 | 236.6 | 8.4 |  | 4587.1 |
| 15 SEP 2003 | 7.4 | 525 | 233.7 | 8.5 |  | 4587.4 |
| 21 OCT 2003 | 7.8 | 527 | 258.3 | 8.3 |  | 4588.4 |
| 19 NOV 2003 | 8.3 | 523 | 247.6 | 8.5 |  | 4587.5 |
| 16 DEC 2003 | 7.6 | 521 | 257.2 | 8.4 |  | 4585.0 |

\* Values Exceed Upper Control Limit

5DM7

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

Mine Unit 5  
Well I.D. WCOW-37D INTERIOR DEEP SAND MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.8     | 1017                 | 420.9                   |    |         |                       |

| Date        |     |     |       |     |        |
|-------------|-----|-----|-------|-----|--------|
| 21 JAN 2003 | 8.7 | 459 | 241.5 | 8.4 | 4595.3 |
| 18 FEB 2003 | 8.8 | 453 | 246.6 | 8.5 | 4588.6 |
| 18 MAR 2003 | 8.9 | 462 | 244.2 | 8.5 | 4587.5 |
| 22 APR 2003 | 8.7 | 458 | 243.9 | 8.6 | 4587.9 |
| 19 MAY 2003 | 9.1 | 471 | 227.1 | 8.6 | 4589.2 |
| 18 JUN 2003 | 8.8 | 467 | 232.0 | 8.6 | 4583.5 |
| 21 JUL 2003 | 8.4 | 466 | 234.6 | 8.6 | 4588.1 |
| 18 AUG 2003 | 8.5 | 465 | 223.7 | 8.6 | 4588.6 |
| 16 SEP 2003 | 8.7 | 467 | 224.4 | 8.5 | 4588.6 |
| 21 OCT 2003 | 8.6 | 463 | 228.4 | 8.6 | 4588.8 |
| 19 NOV 2003 | 8.6 | 461 | 238.7 | 8.6 | 4588.3 |
| 16 DEC 2003 | 8.7 | 460 | 241.2 | 8.6 | 4586.2 |

\* Values Exceed Upper Control Limit

WCOW-37D

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6DM1

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 21.9     | 1682                 | 129.4                   |    |         |                       |

## Date

|             |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 27 JAN 2003 | 8.5 | 795 | 98.8  | 8.3 |  | 4519.7 |
| 24 FEB 2003 | 8.7 | 797 | 101.8 | 8.3 |  | 4525.2 |
| 25 MAR 2003 | 8.5 | 799 | 101.5 | 8.3 |  | 4538.0 |
| 28 APR 2003 | 8.6 | 795 | 98.2  | 7.9 |  | 4538.4 |
| 27 MAY 2003 | 8.5 | 821 | 89.3  | 8.3 |  | 4550.9 |
| 23 JUN 2003 | 8.3 | 812 | 84.6  | 8.3 |  | 4552.1 |
| 28 JUL 2003 | 8.7 | 810 | 94.1  | 8.2 |  | 4550.3 |
| 25 AUG 2003 | 8.3 | 807 | 91.2  | 8.3 |  | 4552.5 |
| 22 SEP 2003 | 8.6 | 815 | 91.8  | 8.2 |  | 4553.7 |
| 27 OCT 2003 | 8.4 | 804 | 96.6  | 8.2 |  | 4554.1 |
| 24 NOV 2003 | 8.3 | 800 | 96.9  | 8.3 |  | 4532.4 |
| 28 DEC 2003 | 8.7 | 817 | 95.1  | 8.0 |  | 4533.7 |

\* Values Exceed Upper Control Limit

6DM1

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6DM2

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 21.9     | 1682                 | 129.4                   |    |         |                       |

## Date

|             |     |      |      |     |  |        |
|-------------|-----|------|------|-----|--|--------|
| 27 JAN 2003 | 6.7 | 1122 | 69.0 | 9.1 |  | 4518.4 |
| 24 FEB 2003 | 6.5 | 1112 | 70.7 | 9.0 |  | 4525.1 |
| 25 MAR 2003 | 6.4 | 1117 | 67.8 | 9.0 |  | 4539.0 |
| 28 APR 2003 | 6.9 | 1120 | 69.7 | 8.9 |  | 4540.4 |
| 27 MAY 2003 | 6.5 | 1146 | 64.9 | 8.8 |  | 4553.1 |
| 23 JUN 2003 | 6.4 | 1139 | 59.7 | 9.1 |  | 4551.4 |
| 28 JUL 2003 | 6.4 | 1137 | 60.8 | 8.9 |  | 4553.8 |
| 25 AUG 2003 | 6.5 | 1140 | 61.6 | 9.0 |  | 4555.1 |
| 22 SEP 2003 | 6.5 | 1145 | 62.8 | 9.0 |  | 4558.3 |
| 27 OCT 2003 | 6.4 | 1139 | 65.4 | 8.9 |  | 4555.4 |
| 24 NOV 2003 | 6.4 | 1134 | 69.1 | 9.0 |  | 4544.7 |
| 28 DEC 2003 | 6.5 | 1131 | 63.7 | 8.8 |  | 4537.1 |

\* Values Exceed Upper Control Limit

6DM2

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6DM3-2

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 21.9     | 1682                 | 129.4                   |    |         |                       |

## Date

|             |     |      |      |     |  |        |
|-------------|-----|------|------|-----|--|--------|
| 27 JAN 2003 | 6.6 | 1099 | 81.2 | 7.9 |  | 4517.3 |
| 24 FEB 2003 | 6.7 | 1086 | 83.0 | 7.8 |  | 4524.2 |
| 25 MAR 2003 | 6.8 | 1096 | 84.1 | 8.1 |  | 4541.0 |
| 28 APR 2003 | 6.7 | 1098 | 82.1 | 7.9 |  | 4541.9 |
| 27 MAY 2003 | 6.4 | 1130 | 72.8 | 7.9 |  | 4553.9 |
| 23 JUN 2003 | 6.4 | 1112 | 69.8 | 8.0 |  | 4555.7 |
| 28 JUL 2003 | 6.6 | 1110 | 74.3 | 8.0 |  | 4553.5 |
| 25 AUG 2003 | 6.4 | 1118 | 72.3 | 8.1 |  | 4558.0 |
| 22 SEP 2003 | 6.8 | 1121 | 77.1 | 8.0 |  | 4558.9 |
| 27 OCT 2003 | 6.7 | 1117 | 82.0 | 7.9 |  | 4556.8 |
| 24 NOV 2003 | 6.4 | 1105 | 76.3 | 7.9 |  | 4544.7 |
| 28 DEC 2003 | 6.8 | 1116 | 77.2 | 7.6 |  | 4533.3 |

\* Values Exceed Upper Control Limit

6DM3-2

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6DM4-2

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 21.9     | 1682                 | 129.4                   |    |         |                       |

| Date        |     |      |      |     |  |        |
|-------------|-----|------|------|-----|--|--------|
| 27 JAN 2003 | 6.8 | 1068 | 84.1 | 8.3 |  | 4521.2 |
| 24 FEB 2003 | 7.0 | 1069 | 87.7 | 8.3 |  | 4525.0 |
| 25 MAR 2003 | 6.8 | 1119 | 84.9 | 8.4 |  | 4541.0 |
| 28 APR 2003 | 6.4 | 1131 | 80.6 | 8.3 |  | 4542.3 |
| 27 MAY 2003 | 6.4 | 1139 | 74.1 | 8.4 |  | 4554.5 |
| 23 JUN 2003 | 6.3 | 1152 | 69.3 | 8.3 |  | 4555.9 |
| 28 JUL 2003 | 6.4 | 1147 | 73.1 | 8.4 |  | 4556.5 |
| 25 AUG 2003 | 6.4 | 1157 | 75.0 | 8.4 |  | 4558.7 |
| 22 SEP 2003 | 6.4 | 1160 | 74.9 | 8.3 |  | 4559.5 |
| 27 OCT 2003 | 6.5 | 1154 | 80.3 | 8.2 |  | 4557.1 |
| 24 NOV 2003 | 6.4 | 1137 | 79.3 | 8.3 |  | 4543.5 |
| 28 DEC 2003 | 7.1 | 1095 | 82.5 | 8.1 |  | 4530.8 |

\* Values Exceed Upper Control Limit

6DM4-2

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6DM5

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 21.9     | 1682                 | 129.4                   |    |         |                       |

| Date        |     |      |      |     |        |
|-------------|-----|------|------|-----|--------|
| 27 JAN 2003 | 6.4 | 1157 | 79.2 | 7.9 | 4516.1 |
| 24 FEB 2003 | 6.8 | 1146 | 81.8 | 7.9 | 4526.2 |
| 25 MAR 2003 | 6.4 | 1159 | 79.5 | 8.0 | 4544.0 |
| 28 APR 2003 | 6.4 | 1158 | 79.5 | 7.8 | 4545.1 |
| 27 MAY 2003 | 6.5 | 1186 | 72.7 | 7.9 | 4558.2 |
| 23 JUN 2003 | 6.4 | 1169 | 69.4 | 7.8 | 4558.7 |
| 29 JUL 2003 | 6.6 | 1169 | 74.8 | 8.2 | 4560.1 |
| 25 AUG 2003 | 6.6 | 1172 | 74.3 | 7.9 | 4561.0 |
| 22 SEP 2003 | 6.4 | 1174 | 72.8 | 7.9 | 4561.4 |
| 27 OCT 2003 | 6.5 | 1161 | 80.6 | 7.9 | 4559.1 |
| 24 NOV 2003 | 6.7 | 1145 | 82.2 | 7.7 | 4544.8 |
| 28 DEC 2003 | 6.8 | 1144 | 75.9 | 7.5 | 4532.6 |

\* Values Exceed Upper Control Limit

6DM5

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6DM6

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 21.9     | 1682                 | 129.4                   |    |         |                       |

| Date        |     |     |      |     |  |        |
|-------------|-----|-----|------|-----|--|--------|
| 27 JAN 2003 | 7.7 | 847 | 93.7 | 8.4 |  | 4528.0 |
| 24 FEB 2003 | 7.7 | 840 | 93.3 | 8.5 |  | 4536.7 |
| 25 MAR 2003 | 7.6 | 842 | 93.7 | 8.5 |  | 4552.0 |
| 28 APR 2003 | 7.8 | 840 | 94.7 | 8.5 |  | 4558.8 |
| 28 MAY 2003 | 7.6 | 858 | 86.1 | 8.5 |  | 4563.3 |
| 23 JUN 2003 | 7.6 | 849 | 83.3 | 8.5 |  | 4566.1 |
| 29 JUL 2003 | 7.5 | 845 | 86.4 | 8.5 |  | 4564.5 |
| 25 AUG 2003 | 7.4 | 855 | 85.5 | 8.5 |  | 4564.7 |
| 23 SEP 2003 | 7.6 | 849 | 87.3 | 8.4 |  | 4571.2 |
| 27 OCT 2003 | 7.9 | 846 | 92.9 | 8.4 |  | 4559.5 |
| 25 NOV 2003 | 7.9 | 846 | 94.0 | 8.5 |  | 4545.6 |
| 29 DEC 2003 | 7.4 | 843 | 91.9 | 8.3 |  | 4523.5 |

\* Values Exceed Upper Control Limit

6DM6

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6DM7

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 21.9     | 1682                 | 129.4                   |    |         |                       |

| Date        |     |     |      |     |        |
|-------------|-----|-----|------|-----|--------|
| 27 JAN 2003 | 7.3 | 867 | 89.7 | 8.3 | 4539.6 |
| 24 FEB 2003 | 7.6 | 866 | 92.4 | 8.4 | 4547.5 |
| 25 MAR 2003 | 8.0 | 865 | 90.6 | 8.5 | 4565.0 |
| 28 APR 2003 | 7.6 | 853 | 92.8 | 8.4 | 4564.7 |
| 27 MAY 2003 | 7.3 | 894 | 94.2 | 8.4 | 4575.6 |
| 23 JUN 2003 | 7.2 | 877 | 79.3 | 8.4 | 4576.9 |
| 29 JUL 2003 | 7.8 | 871 | 85.0 | 8.4 | 4575.3 |
| 25 AUG 2003 | 7.7 | 856 | 83.4 | 8.4 | 4575.3 |
| 22 SEP 2003 | 7.5 | 888 | 83.6 | 8.4 | 4581.5 |
| 27 OCT 2003 | 7.6 | 874 | 90.2 | 8.3 | 4554.6 |
| 25 NOV 2003 | 7.3 | 873 | 90.5 | 8.3 | 4528.8 |
| 29 DEC 2003 | 7.1 | 881 | 90.9 | 8.3 | 4515.0 |

\* Values Exceed Upper Control Limit

6DM7

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6DM8

COGEMA Mining Inc.  
CHRISTENSEN RANCH  
INTERIOR DEEP SAND MONITOR WELL

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 21.9     | 1682                 | 129.4                   |    |         |                       |

| Date        |      |     |      |     |  |        |
|-------------|------|-----|------|-----|--|--------|
| 27 JAN 2003 | 7.7  | 830 | 86.6 | 8.5 |  | 4533.2 |
| 24 FEB 2003 | 7.8  | 843 | 90.3 | 8.6 |  | 4539.3 |
| 25 MAR 2003 | 10.8 | 855 | 87.1 | 8.5 |  | 4556.0 |
| 28 APR 2003 | 7.6  | 852 | 92.6 | 8.4 |  | 4563.7 |
| 28 MAY 2003 | 7.5  | 873 | 84.8 | 8.5 |  | 4570.0 |
| 25 JUN 2003 | 7.8  | 860 | 84.8 | 8.5 |  | 4571.1 |
| 29 JUL 2003 | 7.4  | 859 | 84.8 | 8.5 |  | 4569.3 |
| 25 AUG 2003 | 7.5  | 859 | 85.8 | 8.4 |  | 4569.4 |
| 23 SEP 2003 | 7.4  | 864 | 85.2 | 8.4 |  | 4575.8 |
| 27 OCT 2003 | 8.2  | 831 | 90.9 | 8.5 |  | 4557.5 |
| 25 NOV 2003 | 7.9  | 819 | 88.0 | 8.6 |  | 4533.2 |
| 29 DEC 2003 | 7.6  | 815 | 83.2 | 8.4 |  | 4518.5 |

\* Values Exceed Upper Control Limit

6DM8

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6DM9

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 21.9     | 1682                 | 129.4                   |    |         |                       |

| Date        |     |     |      |     |        |
|-------------|-----|-----|------|-----|--------|
| 27 JAN 2003 | 7.3 | 832 | 88.8 | 8.0 | 4529.4 |
| 24 FEB 2003 | 7.8 | 829 | 93.3 | 8.1 | 4537.0 |
| 25 MAR 2003 | 8.0 | 836 | 93.4 | 7.7 | 4551.0 |
| 28 APR 2003 | 7.6 | 832 | 92.3 | 8.1 | 4558.7 |
| 28 MAY 2003 | 7.7 | 858 | 84.3 | 8.2 | 4565.0 |
| 25 JUN 2003 | 7.6 | 842 | 85.7 | 8.2 | 4565.3 |
| 29 JUL 2003 | 7.8 | 841 | 87.2 | 8.2 | 4563.4 |
| 25 AUG 2003 | 7.7 | 847 | 85.5 | 8.1 | 4564.6 |
| 23 SEP 2003 | 7.4 | 849 | 85.2 | 8.0 | 4571.0 |
| 27 OCT 2003 | 7.9 | 841 | 94.8 | 8.1 | 4558.9 |
| 25 NOV 2003 | 7.9 | 835 | 92.3 | 8.2 | 4540.4 |
| 29 DEC 2003 | 7.4 | 838 | 90.2 | 8.1 | 4525.6 |

\* Values Exceed Upper Control Limit

6DM9

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6DM10

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 21.9     | 1682                 | 129.4                   |    |         |                       |

| Date        |     |     |      |     |        |
|-------------|-----|-----|------|-----|--------|
| 27 JAN 2003 | 7.5 | 842 | 91.4 | 8.4 | 4527.7 |
| 24 FEB 2003 | 7.8 | 840 | 90.8 | 8.3 | 4536.8 |
| 25 MAR 2003 | 7.6 | 847 | 91.4 | 8.2 | 4552.0 |
| 28 APR 2003 | 7.6 | 844 | 94.0 | 8.5 | 4559.1 |
| 28 MAY 2003 | 7.6 | 864 | 85.2 | 8.3 | 4563.6 |
| 25 JUN 2003 | 7.5 | 849 | 84.9 | 8.5 | 4566.3 |
| 29 JUL 2003 | 7.5 | 853 | 86.3 | 8.5 | 4564.7 |
| 25 AUG 2003 | 7.4 | 855 | 86.2 | 8.5 | 4565.3 |
| 23 SEP 2003 | 7.4 | 860 | 85.2 | 8.4 | 4571.4 |
| 27 OCT 2003 | 7.3 | 854 | 90.9 | 8.5 | 4563.4 |
| 25 NOV 2003 | 7.2 | 845 | 86.5 | 8.5 | 4541.8 |
| 29 DEC 2003 | 7.6 | 839 | 91.5 | 8.5 | 4527.2 |

\* Values Exceed Upper Control Limit

6DM10

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6DM11

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.9     | 1101                 | 385.3                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 27 JAN 2003 | 9.0  | 581 | 284.1 | 8.5 |  | 4543.3 |
| 24 FEB 2003 | 10.4 | 575 | 340.0 | 8.6 |  | 4549.9 |
| 30 MAR 2003 | 9.0  | 572 | 295.4 | 8.6 |  | 4561.0 |
| 28 APR 2003 | 8.7  | 563 | 286.3 | 8.7 |  | 4567.8 |
| 28 MAY 2003 | 8.9  | 596 | 261.9 | 8.7 |  | 4573.0 |
| 25 JUN 2003 | 10.0 | 584 | 252.7 | 8.6 |  | 4575.3 |
| 29 JUL 2003 | 9.7  | 586 | 237.1 | 8.5 |  | 4573.9 |
| 25 AUG 2003 | 9.8  | 586 | 236.4 | 8.4 |  | 4574.2 |
| 22 SEP 2003 | 10.3 | 602 | 222.2 | 8.5 |  | 4580.2 |
| 27 OCT 2003 | 9.3  | 605 | 205.9 | 8.6 |  | 4568.6 |
| 25 NOV 2003 | 12.9 | 601 | 239.1 | 8.3 |  | 4547.7 |
| 29 DEC 2003 | 8.9  | 589 | 260.0 | 8.2 |  | 4533.4 |

\* Values Exceed Upper Control Limit

6DM11

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6DM12

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.9     | 1101                 | 385.3                   |    |         |                       |

| Date        |     |     |       |     |        |
|-------------|-----|-----|-------|-----|--------|
| 27 JAN 2003 | 8.3 | 533 | 134.8 | 8.5 | 4543.8 |
| 24 FEB 2003 | 8.1 | 534 | 137.5 | 8.7 | 4550.6 |
| 30 MAR 2003 | 8.4 | 534 | 130.5 | 8.6 | 4561.0 |
| 28 APR 2003 | 8.3 | 534 | 132.9 | 8.6 | 4568.1 |
| 28 MAY 2003 | 8.3 | 549 | 120.2 | 8.6 | 4574.6 |
| 24 JUN 2003 | 8.3 | 540 | 117.4 | 8.7 | 4574.2 |
| 29 JUL 2003 | 7.8 | 542 | 116.7 | 8.6 | 4574.5 |
| 25 AUG 2003 | 8.2 | 541 | 122.1 | 8.7 | 4574.9 |
| 22 SEP 2003 | 7.9 | 543 | 117.4 | 8.6 | 4581.1 |
| 27 OCT 2003 | 8.2 | 537 | 132.0 | 8.6 | 4570.1 |
| 25 NOV 2003 | 8.4 | 539 | 133.5 | 8.7 | 4550.0 |
| 29 DEC 2003 | 8.1 | 536 | 130.6 | 8.5 | 4538.6 |

\* Values Exceed Upper Control Limit

6DM12

Negative U3O8 Grades Indicate Less Than Detection Limit.

## COGEMA Mining Inc.

## CHRISTENSEN RANCH

## INTERIOR DEEP SAND MONITOR WELL

Mine Unit 6  
Well I.D. 6DM13

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 22.9     | 1101                 | 385.3                   |    |         |                       |

## Date

|             |      |      |       |     |  |        |
|-------------|------|------|-------|-----|--|--------|
| 27 JAN 2003 | 8.3  | 629  | 203.0 | 8.3 |  | 4541.7 |
| 24 FEB 2003 | 8.5  | 628  | 198.8 | 8.4 |  | 4549.7 |
| 30 MAR 2003 | 8.4  | 629  | 200.2 | 8.1 |  | 4558.0 |
| 28 APR 2003 | 8.2  | 629  | 198.9 | 8.3 |  | 4558.8 |
| 28 MAY 2003 | 8.1  | 649  | 195.0 | 8.3 |  | 4571.7 |
| 23 JUN 2003 | 7.7  | 640  | 170.3 | 8.4 |  | 4570.4 |
| 29 JUL 2003 | 8.3  | 641  | 181.0 | 8.3 |  | 4571.4 |
| 25 AUG 2003 | 9.6  | 643  | 182.6 | 8.3 |  | 4576.3 |
| 22 SEP 2003 | 8.5  | 643  | 180.4 | 8.3 |  | 4578.2 |
| 27 OCT 2003 | 8.4  | 642  | 202.4 | 8.1 |  | 4567.4 |
| 25 NOV 2003 | 34.8 | 1810 | 379.6 | 7.8 |  | 4549.0 |
| 26 NOV 2003 | 12.4 | 812  | 223.9 | 8.2 |  | 4549.0 |
| 29 DEC 2003 | 8.9  | 664  | 196.7 | 8.2 |  | 4534.3 |

\* Values Exceed Upper Control Limit

6DM13

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6DM14

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND MONITOR WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Upper Control Limit      | 21.9     | 1682                 | 129.4                   |    |         |                       |

| Date        |     |     |      |     |        |
|-------------|-----|-----|------|-----|--------|
| 27 JAN 2003 | 7.8 | 820 | 96.7 | 8.2 | 4523.0 |
| 24 FEB 2003 | 7.6 | 831 | 93.2 | 8.4 | 4532.3 |
| 25 MAR 2003 | 8.0 | 811 | 99.3 | 8.6 | 4548.0 |
| 28 APR 2003 | 7.7 | 829 | 93.4 | 8.4 | 4549.3 |
| 28 MAY 2003 | 7.7 | 849 | 86.6 | 8.4 | 4561.1 |
| 24 JUN 2003 | 7.9 | 839 | 83.3 | 8.5 | 4562.1 |
| 29 JUL 2003 | 7.5 | 838 | 85.3 | 8.4 | 4560.1 |
| 25 AUG 2003 | 7.7 | 842 | 86.5 | 8.4 | 4559.4 |
| 23 SEP 2003 | 7.6 | 846 | 85.8 | 8.3 | 4566.8 |
| 27 OCT 2003 | 7.6 | 837 | 92.6 | 8.3 | 4561.1 |
| 25 NOV 2003 | 8.3 | 817 | 97.4 | 8.5 | 4542.0 |
| 29 DEC 2003 | 7.7 | 805 | 96.5 | 8.5 | 4527.9 |

\* Values Exceed Upper Control Limit

6DM14

Negative U3O8 Grades Indicate Less Than Detection Limit.

# **CHRISTENSEN RANCH PROJECT**

## **Perimeter Ore Zone Trend Wells**

Mine Unit 2  
Well I.D. MW78T

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE TREND WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Action Level             | 13.6     | 823                  | 121.3                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 06 JAN 2003 | 9.8  | 677 | 103.8 | 8.4 |  | 4513.6 |
| 03 FEB 2003 | 9.6  | 687 | 101.8 | 7.9 |  | 4513.0 |
| 03 MAR 2003 | 10.5 | 675 | 100.9 | 8.5 |  | 4513.4 |
| 09 APR 2003 | 9.0  | 690 | 96.1  | 8.6 |  | 4516.0 |
| 05 MAY 2003 | 10.2 | 684 | 102.5 | 8.6 |  | 4515.7 |
| 02 JUN 2003 | 9.6  | 690 | 91.5  | 8.6 |  | 4506.5 |
| 01 JUL 2003 | 9.9  | 674 | 93.7  | 8.5 |  | 4507.3 |
| 04 AUG 2003 | 9.7  | 675 | 92.5  | 8.3 |  | 4508.0 |
| 02 SEP 2003 | 9.7  | 676 | 92.8  | 8.6 |  | 4509.3 |
| 29 SEP 2003 | 9.7  | 677 | 91.9  | 8.6 |  | 4487.1 |
| 03 NOV 2003 | 9.8  | 669 | 98.9  | 8.4 |  | 4487.0 |
| 01 DEC 2003 | 10.0 | 669 | 100.9 | 8.5 |  | 4467.6 |

\* Values Exceed Action Level

MW78T

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2  
Well I.D. MW87T

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE TREND WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Action Level             | 13.6     | 823                  | 121.3                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 07 JAN 2003 | 10.2 | 662 | 101.0 | 8.5 |  | 4512.2 |
| 03 FEB 2003 | 9.8  | 672 | 99.7  | 8.4 |  | 4511.3 |
| 03 MAR 2003 | 10.1 | 671 | 101.3 | 8.5 |  | 4512.7 |
| 07 APR 2003 | 10.2 | 656 | 100.4 | 8.6 |  | 4512.0 |
| 05 MAY 2003 | 10.1 | 669 | 99.4  | 8.5 |  | 4513.9 |
| 02 JUN 2003 | 10.0 | 687 | 91.7  | 8.4 |  | 4505.8 |
| 01 JUL 2003 | 9.9  | 673 | 92.5  | 8.6 |  | 4506.1 |
| 04 AUG 2003 | 10.1 | 674 | 93.2  | 8.5 |  | 4506.3 |
| 02 SEP 2003 | 10.1 | 675 | 88.5  | 8.5 |  | 4506.8 |
| 29 SEP 2003 | 9.8  | 678 | 91.2  | 8.6 |  | 4499.0 |
| 03 NOV 2003 | 9.7  | 671 | 97.8  | 8.4 |  | 4488.4 |
| 01 DEC 2003 | 9.9  | 670 | 100.3 | 8.4 |  | 4481.2 |

\* Values Exceed Action Level

MW87T

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5TW-1

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE TREND WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Action Level             | 22.7     | 1004                 | 134.3                   |    |         |                       |

| Date        |     |     |       |     |  |        |
|-------------|-----|-----|-------|-----|--|--------|
| 21 JAN 2003 | 8.7 | 717 | 109.6 | 8.5 |  | 4536.7 |
| 18 FEB 2003 | 8.3 | 720 | 108.2 | 8.6 |  | 4541.7 |
| 18 MAR 2003 | 8.4 | 723 | 106.9 | 8.6 |  | 4541.0 |
| 22 APR 2003 | 8.3 | 714 | 106.4 | 8.6 |  | 4539.5 |
| 19 MAY 2003 | 8.6 | 733 | 98.0  | 8.5 |  | 4545.8 |
| 17 JUN 2003 | 8.3 | 725 | 98.2  | 8.5 |  | 4540.7 |
| 21 JUL 2003 | 8.4 | 728 | 98.0  | 8.4 |  | 4545.1 |
| 18 AUG 2003 | 8.2 | 730 | 97.8  | 8.6 |  | 4544.8 |
| 16 SEP 2003 | 8.4 | 730 | 98.6  | 8.5 |  | 4545.5 |
| 21 OCT 2003 | 8.4 | 728 | 105.6 | 8.5 |  | 4549.6 |
| 19 NOV 2003 | 8.6 | 724 | 106.4 | 8.5 |  | 4538.8 |
| 16 DEC 2003 | 8.8 | 723 | 108.7 | 8.5 |  | 4555.7 |

\* Values Exceed Action Level

5TW-1

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6TW1

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE TREND WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Action Level             | 20       | 1576                 | 95.2                    |    |         |                       |

## Date

|             |      |   |      |   |        |   |     |        |
|-------------|------|---|------|---|--------|---|-----|--------|
| 28 JAN 2003 | 12.7 |   | 1437 |   | 158.1  | * | 8.0 | 4522.3 |
| 25 FEB 2003 | 24.0 | * | 1868 | * | 344.2  | * | 7.5 | 4533.9 |
| 30 MAR 2003 | 46.3 | * | 2541 | * | 642.6  | * | 7.0 | 4559.0 |
| 29 APR 2003 | 63.9 | * | 2970 | * | 825.2  | * | 7.1 | 4565.1 |
| 28 MAY 2003 | 48.3 | * | 2550 | * | 583.6  | * | 7.2 | 4571.6 |
| 24 JUN 2003 | 93.1 | * | 3750 | * | 1004.0 | * | 6.8 | 4572.2 |
| 29 JUL 2003 | 68.3 | * | 3100 | * | 792.5  | * | 7.0 | 4570.7 |
| 25 AUG 2003 | 62.9 | * | 2960 | * | 738.5  | * | 7.1 | 4573.7 |
| 23 SEP 2003 | 66.3 | * | 3100 | * | 776.2  | * | 6.9 | 4578.7 |
| 27 OCT 2003 | 68.3 | * | 3190 | * | 882.2  | * | 7.0 | 4567.0 |
| 25 NOV 2003 | 39.2 | * | 2305 | * | 514.4  | * | 7.3 | 4539.2 |
| 29 DEC 2003 | 17.8 |   | 1662 | * | 256.0  | * | 7.6 | 4529.1 |

\* Values Exceed Action Level

6TW1

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6TW2

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE TREND WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Action Level             | 20       | 1576                 | 95.2                    |    |         |                       |

## Date

|             |      |      |       |   |     |        |
|-------------|------|------|-------|---|-----|--------|
| 28 JAN 2003 | 14.3 | 1470 | 140.8 | * | 8.0 | 4517.7 |
| 25 FEB 2003 | 14.1 | 1480 | 140.1 | * | 8.2 | 4535.5 |
| 30 MAR 2003 | 14.9 | 1467 | 137.9 | * | 7.9 | 4558.0 |
| 29 APR 2003 | 15.8 | 1473 | 149.1 | * | 8.1 | 4564.4 |
| 27 MAY 2003 | 15.5 | 1506 | 136.9 | * | 8.1 | 4570.8 |
| 24 JUN 2003 | 15.8 | 1485 | 129.8 | * | 8.2 | 4571.5 |
| 29 JUL 2003 | 15.2 | 1501 | 133.7 | * | 8.1 | 4572.2 |
| 25 AUG 2003 | 15.4 | 1518 | 138.7 | * | 8.1 | 4573.5 |
| 22 SEP 2003 | 15.8 | 1522 | 138.8 | * | 8.1 | 4576.6 |
| 27 OCT 2003 | 9.6  | 1402 | 98.3  | * | 8.1 | 4577.6 |
| 24 NOV 2003 | 8.5  | 1368 | 91.5  |   | 8.0 | 4558.2 |
| 29 DEC 2003 | 7.5  | 1366 | 85.8  |   | 7.9 | 4526.4 |

\* Values Exceed Action Level

6TW2

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6TW3

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE TREND WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Action Level             | 20       | 1576                 | 95.2                    |    |         |                       |

| Date        |     |      |      |     |        |
|-------------|-----|------|------|-----|--------|
| 28 JAN 2003 | 5.7 | 1301 | 75.8 | 7.8 | 4522.5 |
| 25 FEB 2003 | 5.5 | 1307 | 77.1 | 8.1 | 4532.8 |
| 26 MAR 2003 | 5.5 | 1299 | 77.6 | 8.1 | 4559.0 |
| 29 APR 2003 | 5.8 | 1296 | 79.1 | 7.9 | 4564.9 |
| 27 MAY 2003 | 5.6 | 1324 | 71.3 | 8.0 | 4572.1 |
| 25 JUN 2003 | 5.4 | 1308 | 69.6 | 8.0 | 4573.3 |
| 29 JUL 2003 | 5.0 | 1307 | 70.0 | 8.1 | 4570.1 |
| 25 AUG 2003 | 5.3 | 1307 | 71.4 | 8.0 | 4570.4 |
| 23 SEP 2003 | 5.3 | 1309 | 71.9 | 7.9 | 4576.7 |
| 27 OCT 2003 | 6.5 | 1310 | 72.2 | 7.7 | 4570.3 |
| 25 NOV 2003 | 5.4 | 1307 | 74.9 | 8.1 | 4537.1 |
| 29 DEC 2003 | 5.2 | 1311 | 73.1 | 7.8 | 4519.8 |

\* Values Exceed Action Level

6TW3

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6TW4

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE TREND WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Action Level             | 20       | 1576                 | 95.2                    |    |         |                       |

| Date        |        |        |         |     |  |        |
|-------------|--------|--------|---------|-----|--|--------|
| 28 JAN 2003 | 9.0    | 1115   | 84.1    | 8.2 |  | 4518.8 |
| 25 FEB 2003 | 15.1   | 1215   | 98.3 *  | 8.4 |  | 4535.5 |
| 30 MAR 2003 | 16.8   | 1317   | 111.5 * | 8.0 |  | 4557.0 |
| 29 APR 2003 | 17.5   | 1356   | 117.1 * | 8.1 |  | 4563.0 |
| 27 MAY 2003 | 16.7   | 1397   | 116.6 * | 8.1 |  | 4569.4 |
| 24 JUN 2003 | 16.8   | 1401   | 102.9 * | 8.2 |  | 4570.2 |
| 29 JUL 2003 | 16.0   | 1405   | 106.1 * | 8.1 |  | 4571.7 |
| 25 AUG 2003 | 15.8   | 1415   | 106.6 * | 8.0 |  | 4572.1 |
| 23 SEP 2003 | 14.8   | 1419   | 101.6 * | 8.0 |  | 4575.1 |
| 27 OCT 2003 | 21.9 * | 1743 * | 223.1 * | 7.9 |  | 4583.2 |
| 24 NOV 2003 | 37.8 * | 1902 * | 286.0 * | 7.4 |  | 4549.9 |
| 29 DEC 2003 | 48.0 * | 2213 * | 391.2 * | 7.6 |  | 4533.3 |

\* Values Exceed Action Level

6TW4

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6TW5

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**PERIMETER ORE ZONE TREND WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Action Level             | 20       | 1576                 | 95.2                    |    |         |                       |

| Date        |      |      |       |   |     |        |
|-------------|------|------|-------|---|-----|--------|
| 28 JAN 2003 | 7.9  | 1554 | 146.2 | * | 7.7 | 4527.3 |
| 25 FEB 2003 | 8.2  | 1566 | 153.9 | * | 7.9 | 4541.1 |
| 26 MAR 2003 | 10.5 | 1645 | 185.2 | * | 7.8 | 4558.0 |
| 29 APR 2003 | 19.3 | 1898 | 278.8 | * | 7.4 | 4567.4 |
| 27 MAY 2003 | 23.4 | 1949 | 296.8 | * | 7.5 | 4573.3 |
| 24 JUN 2003 | 10.0 | 1648 | 149.5 | * | 7.7 | 4573.8 |
| 29 JUL 2003 | 23.0 | 1915 | 295.2 | * | 7.5 | 4572.6 |
| 25 AUG 2003 | 10.9 | 1640 | 167.0 | * | 7.6 | 4575.4 |
| 23 SEP 2003 | 22.6 | 1935 | 280.6 | * | 7.7 | 4579.1 |
| 27 OCT 2003 | 13.2 | 1654 | 186.6 | * | 7.5 | 4567.6 |
| 25 NOV 2003 | 16.8 | 1831 | 245.4 | * | 7.6 | 4541.1 |
| 29 DEC 2003 | 9.3  | 1580 | 164.0 | * | 7.6 | 4526.4 |

\* Values Exceed Action Level

6TW5

Negative U3O8 Grades Indicate Less Than Detection Limit.

# **CHRISTENSEN RANCH PROJECT**

**Interior Deep Sand Trend Wells**

Mine Unit 5  
Well I.D. SDM8T

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND TREND WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Action Level             | 22.8     | 1017                 | 420.9                   |    |         |                       |

## Date

|             |     |     |       |     |        |
|-------------|-----|-----|-------|-----|--------|
| 20 JAN 2003 | 9.0 | 590 | 140.3 | 8.4 | 4561.5 |
| 18 FEB 2003 | 9.2 | 596 | 144.3 | 8.5 | 4562.2 |
| 18 MAR 2003 | 9.0 | 597 | 138.9 | 8.3 | 4558.0 |
| 22 APR 2003 | 8.7 | 590 | 135.8 | 8.5 | 4559.3 |
| 19 MAY 2003 | 9.4 | 605 | 132.8 | 8.5 | 4560.7 |
| 18 JUN 2003 | 8.7 | 596 | 124.2 | 8.5 | 4560.2 |
| 21 JUL 2003 | 8.9 | 607 | 131.3 | 8.4 | 4558.2 |
| 18 AUG 2003 | 8.7 | 599 | 128.0 | 8.2 | 4558.8 |
| 15 SEP 2003 | 8.9 | 601 | 126.1 | 8.3 | 4559.9 |
| 20 OCT 2003 | 9.1 | 600 | 131.3 | 8.2 | 4561.6 |
| 17 NOV 2003 | 9.2 | 597 | 139.1 | 8.3 | 4560.4 |
| 16 DEC 2003 | 8.7 | 595 | 135.1 | 8.4 | 4562.1 |

\* Values Exceed Action Level

SDM8T

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5  
Well I.D. 5DM9T

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND TREND WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Action Level             | 22.8     | 1017                 | 420.9                   |    |         |                       |

## Date

|             |      |     |       |     |  |        |
|-------------|------|-----|-------|-----|--|--------|
| 20 JAN 2003 | 10.8 | 519 | 132.7 | 8.6 |  | 4555.9 |
| 18 FEB 2003 | 10.2 | 537 | 149.5 | 8.6 |  | 4556.6 |
| 18 MAR 2003 | 10.9 | 515 | 122.9 | 8.4 |  | 4551.0 |
| 22 APR 2003 | 10.2 | 533 | 129.9 | 8.7 |  | 4553.3 |
| 19 MAY 2003 | 10.4 | 538 | 126.5 | 8.6 |  | 4556.8 |
| 16 JUN 2003 | 10.2 | 541 | 128.4 | 8.6 |  | 4551.9 |
| 21 JUL 2003 | 10.6 | 521 | 113.4 | 8.5 |  | 4556.2 |
| 19 AUG 2003 | 9.8  | 544 | 130.5 | 8.4 |  | 4555.6 |
| 16 SEP 2003 | 9.8  | 540 | 134.7 | 8.5 |  | 4556.8 |
| 20 OCT 2003 | 9.7  | 543 | 148.4 | 8.3 |  | 4558.8 |
| 17 NOV 2003 | 10.2 | 540 | 160.2 | 8.6 |  | 4561.3 |
| 15 DEC 2003 | 9.8  | 538 | 149.2 | 8.3 |  | 4560.8 |

\* Values Exceed Action Level

5DM9T

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6  
Well I.D. 6DT1

**COGEMA Mining Inc.**  
**CHRISTENSEN RANCH**  
**INTERIOR DEEP SAND TREND WELL**

2003

| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity        | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|-------------------------|----|---------|-----------------------|
| Units                    | mg/l     | $\mu$ mho/cm         | mg/l as $\text{CaCO}_3$ |    | mg/l    | msl                   |
| Action Level             | 21.3     | 1802                 | 121.7                   |    |         |                       |

| Date        |     |     |      |     |        |
|-------------|-----|-----|------|-----|--------|
| 27 JAN 2003 | 8.2 | 817 | 97.6 | 8.4 | 4522.0 |
| 24 FEB 2003 | 8.0 | 819 | 96.6 | 8.3 | 4527.2 |
| 25 MAR 2003 | 8.1 | 821 | 97.6 | 8.4 | 4548.0 |
| 28 APR 2003 | 8.3 | 817 | 98.3 | 8.3 | 4552.2 |
| 27 MAY 2003 | 8.1 | 844 | 88.9 | 8.4 | 4556.8 |
| 23 JUN 2003 | 8.2 | 830 | 86.0 | 8.4 | 4558.3 |
| 29 JUL 2003 | 8.3 | 827 | 89.4 | 8.4 | 4556.9 |
| 25 AUG 2003 | 8.2 | 829 | 88.6 | 8.3 | 4561.1 |
| 22 SEP 2003 | 8.0 | 834 | 89.8 | 8.4 | 4566.4 |
| 27 OCT 2003 | 8.4 | 828 | 96.8 | 8.3 | 4559.1 |
| 24 NOV 2003 | 8.1 | 825 | 94.6 | 8.4 | 4540.7 |
| 29 DEC 2003 | 8.0 | 816 | 94.4 | 8.2 | 4532.3 |

\* Values Exceed Action Level

6DT1

Negative U3O8 Grades Indicate Less Than Detection Limit.

## **IRIGARAY PROJECT**

**5-I-7 & USMT Monitor wells**

Mine Unit USMT  
Well I.D. M-219

COGEMA Mining Inc.  
IRIGARY RANCH  
MONITOR WELLS 5-I-7 & USMT SITES \*\*

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| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|------------------|----|---------|-----------------------|
| Units                    | mg/l     | u mho/cm             | mg/l as CaCO3    |    |         |                       |
| Upper Control Limit      | *        | *                    | *                |    |         |                       |

Date 1/7/04\*\*

11

672

N/R

N/R

N/R

N/A

NOTES:

N/R = Not Recorded

N/A = Not Available

\* No UCL's established for these wells.

\*\* These samples were for 2003 sample year. Wells are sampled only once per year.

\*\*Per NRC License SUA-1341 Section 10.17.

Mine Unit USMT  
Well I.D. M-220

COGEMA Mining Inc.  
IRIGARY RANCH  
MONITOR WELLS 5-I-7 & USMT SITES \*\*

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| Water Quality<br>Parameters | Chloride | Specific<br>Conductance | Total<br>Alkalinity | pH | Uranium | Piezometric<br>Elevation |
|-----------------------------|----------|-------------------------|---------------------|----|---------|--------------------------|
| Units                       | mg/l     | u mho/cm                | mg/l as CaCO3       |    |         |                          |
| Upper Control Limit         | *        | *                       | *                   |    |         |                          |

Date 1/7/04\*\*

18.6

983

N/R

N/R

N/R

N/A

NOTES:

N/R = Not Recorded

N/A = Not Available

\* No UCL's established for these wells.

\*\* These samples were for 2003 sample year. Wells are sampled only once per year.

\*\*Per NRC License SUA-1341 Section 10.17.

Mine Unit USMT  
Well I.D. M-221

COGEMA Mining Inc.  
IRIGARY RANCH  
MONITOR WELLS 5-I-7 & USMT SITES \*\*

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| Water Quality Parameters | Chloride | Specific Conductance | Total Alkalinity | pH | Uranium | Piezometric Elevation |
|--------------------------|----------|----------------------|------------------|----|---------|-----------------------|
| Units                    | mg/l     | u mho/cm             | mg/l as CaCO3    |    |         |                       |
| Upper Control Limit      | *        | *                    | *                |    |         |                       |

Date 1/7/04\*\*      10.8      629      N/R      N/R      N/R      N/A

NOTES:

N/R = Not Recorded

N/A = Not Available

\* No UCL's established for these wells.

\*\* These samples were for 2003 sample year. Wells are sampled only once per year.

\*\*Per NRC License SUA-1341 Section 10.17.

Mine Unit 5-I-7  
Well I.D. M-1

COGEMA Mining Inc.  
IRIGARY RANCH  
MONITOR WELLS 5-I-7 & USMT SITES \*\*

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| Water Quality<br>Parameters | Chloride | Specific<br>Conductance | Total<br>Alkalinity       | pH | Uranium | Piezometric<br>Elevation |
|-----------------------------|----------|-------------------------|---------------------------|----|---------|--------------------------|
| Units                       | mg/l     | u mho/cm                | mg/l as CaCO <sub>3</sub> |    |         |                          |
| Upper Control Limit         | *        | *                       | *                         |    |         |                          |

Date 1/7/04\*\*      36.5      716      N/R      N/R      N/R      N/A

NOTES:

N/R = Not Recorded

N/A = Not Available

\* No UCL's established for these wells.

\*\* These samples were for 2003 sample year. Wells are sampled only once per year.

\*\*Per NRC License SUA-1341 Section 10.17.

Mine Unit 5-I-7  
Well I.D. NM-3

COGEMA Mining Inc.  
IRIGARY RANCH  
MONITOR WELLS 5-I-7 & USMT SITES \*\*

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| Water Quality<br>Parameters | Chloride | Specific<br>Conductance | Total<br>Alkalinity | pH | Uranium | Piezometric<br>Elevation |
|-----------------------------|----------|-------------------------|---------------------|----|---------|--------------------------|
| Units                       | mg/l     | u mho/cm                | mg/l as CaCO3       |    |         |                          |
| Upper Control Limit         | *        | *                       | *                   |    |         |                          |

Date 1/7/04\*\*

11.1

640

N/R

N/R

N/R

N/A

NOTES:

N/R = Not Recorded

N/A = Not Available

\* No UCL's established for these wells.

\*\* These samples were for 2003 sample year. Wells are sampled only once per year.

\*\*Per NRC License SUA-1341, Section 10.17.

Mine Unit 5-I-7  
Well I.D. M-4

COGEMA Mining Inc.  
IRIGARY RANCH  
MONITOR WELLS 5-I-7 & USMT SITES \*\*

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| Water Quality<br>Parameters | Chloride | Specific<br>Conductance | Total<br>Alkalinity | pH | Uranium | Piezometric<br>Elevation |
|-----------------------------|----------|-------------------------|---------------------|----|---------|--------------------------|
| Units                       | mg/l     | u mho/cm                | mg/l as CaCO3       |    |         |                          |
| Upper Control Limit         | *        | *                       | *                   |    |         |                          |

Date 1/7/04\*\*      27      1072      N/R      N/R      N/R      N/A

NOTES:

N/R = Not Recorded

N/A = Not Available

\* No UCL's established for these wells.

\*\* These samples were for 2003 sample year. Wells are sampled only once per year.

\*\*Per NRC License SUA-1341 Section 10.17.

Mine Unit 5-I-7  
Well I.D. SM-1

COGEMA Mining Inc.  
IRIGARY RANCH  
MONITOR WELLS 5-I-7 & USMT SITES \*\*

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| Water Quality<br>Parameters | Chloride | Specific<br>Conductance | Total<br>Alkalinity | pH | Uranium | Piezometric<br>Elevation |
|-----------------------------|----------|-------------------------|---------------------|----|---------|--------------------------|
| Units                       | mg/l     | u mho/cm                | mg/l as CaCO3       |    |         |                          |
| Upper Control Limit         | *        | *                       | *                   |    |         |                          |

Date 1/7/04\*\*

14.7

755

N/R

N/R

N/R

N/A

NOTES:

N/R = Not Recorded

N/A = Not Available

\* No UCL's established for these wells.

\*\* These samples were for 2003 sample year. Wells are sampled only once per year.

\*\*Per NRC License SUA-1341 Section 10.17.

## **APPENDIX 3**

### **ALARA Audit**

**Annual ALARA Audit**  
**of**  
**2003 Radiation Protection Program**  
**COGEMA Mining, Inc.**  
**Irigaray and Christensen Operations**

**February 3 and 5, 2004**

**Donna L. Wichers**  
**General Manager**

**Annual ALARA Audit  
of  
2003 Radiation Protection Program  
COGEMA Mining, Inc.  
Irigaray and Christensen Operations**

An audit of the COGEMA Mining, Inc. Irigaray and Christensen Operations radiation protection program to determine compliance with ALARA principles was conducted on February 3 and 5, 2004. The audit was completed in fulfillment of the requirements of Section 5.3 of the approved license application and Standard Operating Procedure No. HP-12. The audit team consisted of the General Manager, the Radiation Safety Officer and the Operations Manager. The areas audited and the overall results are summarized below.

**1.0 Employee exposure records**

Employee exposure records were reviewed. Of the total 19 employees evaluated, only 6 employees were assigned exposures (TEDE). Of the six that were assigned TEDEs, the maximum assigned dose was only 26 mrem, or 0.5% of the annual limit of 5 rems. Doses for the 6 individuals ranged from 2 mrem to the maximum of 26 and averaged 11 mrem (0.2% of annual limit). The source of the dose was 99% external (measured by dosimeters worn by operating personnel), and 1% internal from airborne uranium (measured by breathing zone samples taken during RWP work). No dose from radon daughters was assigned to any employees due to very low radon levels during 2003.

Overall doses continued to decline as compared to years 2001 and 2002. Attachment 1 provides a summary of the 2003 doses and a comparison of the operating personnel's doses with previous years. The decline in dose is a rational trend due to the limited activities currently in progress at the sites (aquifer restoration at Christensen and decommissioning at Irigaray). Additionally, the yellowcake dryer was not operated during 2003 at the Irigaray site.

**2.0 Bioassay results**

Bioassays are analyzed on a monthly basis for operating personnel. The results for the 2003-year showed that no employees exceeded the 15 µg/l action level. All bioassay results were < 5 µg/l. Blind control spiked samples were routinely submitted with other samples to the analytical lab. It was apparent that the bioassay program required pursuant to NRC License Condition No. 10.12 was being followed.

**3.0 Inspections**

Walk through inspections are made of the operating areas on a weekly basis (NRC License Condition 11.5). The inspection logs were reviewed and found to be thorough. Items identified for corrective action were reviewed in the weekly staff meetings and necessary actions to correct the problems were taken. Daily walkthrough inspections of the dryer area at Irigaray were not conducted, as the dryer was not operational during 2003.

#### 4.0 Training

The current RSO has completed a minimum of two of the four weeks of formal coursework required by NRC Regulatory Guide 8.31. The two weeks of classroom training consisted of "Decontamination and Decommissioning" (Nevada Technical Associates, April 28-May 2, 2003) and "Radiation Safety Officer" (Nevada Technical Associates, September 15 – 19, 2003). In addition, the RSO completed a seven-week internet course provided by Nuclear Plant Journal called "Radiation Fundamentals (Radiation-101)." Plans are for the RSO to complete another week of classroom training in May, 2004. In addition to the formal classroom and internet training, the RSO trained with the outgoing RSO for a total of 3 weeks (March 10 through March 27, 2003) prior to the outgoing RSO's departure. The RST last received formalized refresher training in 2002 and is also scheduled for additional training in 2004.

Training is also provided to employees and contractors pursuant to the company's Radiation Safety Training Plan. Task training is typically conducted by supervisors. All training is documented and filed in each employee's personnel file.

The required refresher radiation safety and general industrial safety training was provided to employees during quarterly safety meetings. New employees received the required radiation and industrial safety training as described in the Radiation Safety Training Plan.

#### 5.0 Safety Meetings

Safety meetings are routinely held on a quarterly basis. A review of the documentation for each meeting showed that a wide variety of safety related topics are discussed. During 2003 the radiation safety topics included a review of occupational doses (TEDEs) from 2002, videos on radon gas, natural background radiation dose determinations, self-monitoring concerns and corrections, and filter change-outs to reduce gamma exposures. On the industrial safety side, a high emphasis was continually placed on H<sub>2</sub>S safety issues. A safety awards/incentive program was established by site management which appears to have made an improvement in safety awareness. It was noted that the 4<sup>th</sup> quarter 2003 safety meeting was actually held in January 2004. The RSO indicated that this was necessary to meet operator's schedules.

#### 6.0 Radiological Surveys and Data

A review was made of the various radiological surveys required by NRC License Conditions 10.10, 10.11, and 11.3. A summary of the survey statistics for the year is provided in Attachment 2 to this report. A review of Attachment 2 provided the following comments:

Alpha Contamination Swipes - Contamination swipe results at Christensen were very low for the entire year. No trends were noted. However, one area at Irigaray, the dryer change area, was noted to have an increase to 70 dpm/100 cm<sup>2</sup> (action level of 100 dpm/100 cm<sup>2</sup>). This area continued to have slightly elevated readings the remainder of the year. Although the action level was not exceeded, the trend indicates that a washing of the change area floor is in order.

Airborne Uranium Surveys – Monthly airborne uranium levels at both Irigaray and Christensen remained low for the entire year. The maximum value recorded (3.5 E-12 µCi/ml) was at the Irigaray site during July. This value is less than 1% of DAC. No trends were noted. Airborne uranium from RWP work contributed 1% of the total TEDEs assigned to employees for 2003.

Radon Daughter Surveys – Monthly radon daughter levels at both Irigaray and Christensen remained below action levels for the entire year. One higher than normal sample (but still less than the action level) was collected at Irigaray in June and was attributed to an open mix tank. Since that time, levels at Irigaray were normal. Radon dose contributed 0% to the TEDEs assigned to employees for 2003. No trends were noted.

External Gamma Surveys – Gamma surveys are conducted on a quarterly basis. Should any area exceed the action level of 2 mR/hr, then the area is posted as a radiation area and surveys are conducted monthly. Monthly surveys were conducted at both Irigaray and Christensen because of areas that exceed the action level (it was noted that no gamma survey data was available for February 2003). At Irigaray, the location that exceeded the site action level every surveyed month is a resin storage tank. The tank contains used resin (eluted) that is stored for future use. The tank is appropriately posted as a radiation area, averaging 3.5 mR/hr for the year. At Christensen, the RO unit in the plant exceeded the action level for six months of the year, averaging 2.0 mR/hr for the year. The RO unit is appropriately posted. It is recommended that options for removing the resin storage tank at Irigaray be looked at to reduce the potential for radiation exposure. It is also recommended that periodic washings of the RO membranes may help to reduce the overall gamma radiation levels.

External gamma contributed 99% of the TEDE dose to employees during 2003 (Attachment 1). Although the levels were quite low (maximum of 26 mrem, or 0.5% of the annual limit), ways to continue to reduce radiation areas should be looked at. As compared to years 2001 and 2002 (Attachment 1), the trend for dose from external gamma continues to decline.

#### Radiation Work Permits (RWPs)

A total of 33 RWPs were issued during 2003. Twenty-six of these were for the removal of sludge from ponds undergoing decommissioning at the Irigaray site. The radiation safety staff was diligent with issuing this many RWPs pursuant to SOP No. D-1 to determine the airborne uranium potential from this type of activity. Six RWPs were issued for cleaning and decommissioning inside the Irigaray wellfield building. The remaining RWP was issued for the removal of contaminated soils from a trench at the 517 site, also undergoing decommissioning. The highest airborne uranium exposure recorded for any of the RWPs was .034 DAC hrs for pond sludge removal, far less than 1% of the ALI.

#### Personnel Alpha Contamination Surveys

Personnel alpha contamination survey records indicated that personnel are routinely conducting self-monitoring prior to leaving the restricted areas at Irigaray and Christensen. Additionally, at least 25% of the total employees are spot-checked for alpha contamination by the RSO or RST on a quarterly basis. One employee was found to have higher alpha readings than he had recorded on the survey sheet and was asked to clean his boot. Wellfield vehicles are also spot-checked on a quarterly basis to identify and remove any contaminated materials. No vehicles were found with contamination during the year.

#### Equipment Release Surveys

Surveys of equipment prior to release from the restricted areas are well documented. A significant number of shipments of byproduct material, primarily pond sludge, are being sent to Shirley Basin. Detailed shipment release information was reviewed and found to have no apparent problems.

## 7.0 Reports of Overexposures

There were no employee overexposures during the year.

## 8.0 Review of Standard Operating Procedures

The annual review of SOPs was conducted by the RSO in March of 2003. It was noted that as a result of the review, several SOPs were revised. Throughout the remainder of 2003, the new RSO continued to review the SOPs and some additional revisions were made. The SOPs are comprehensive and show a considerable effort towards meeting the ALARA goal.

## 9.0 Instrumentation

Calibration and/or repair records for instrumentation used for radiation surveys were reviewed. The calibration records were found to be in good order, pursuant to License Condition No. 10.13. It was noted that SOP No. HP-14 (Radiation Survey Instrument Calibration and Performance Checks) requires alpha sources to be calibrated every five years. The alpha sources used for instrument calibration were found to be overdue for their five-year calibration. Plans were made during the audit for sending the sources out for calibration.

## 10.0 Recommendations for Ways to Further Reduce Personnel Exposures

The following recommendations are made to further reduce personnel exposures:

- Reduce the surface alpha contamination levels in the Irigaray dryer change room. This could be done with a floor wash. Identify and eliminate the source of the contamination.
- Consider the revision of SOP No. D-1 to add the requirement for employees removing pond sediments to wear rubber boots or shoe covers (and other protective clothing as necessary) to help prevent the spread of contamination.
- Continue to emphasize good housekeeping practices as a means to avoid surface contamination problems.
- Look at methods to eliminate or reduce sources of external gamma radiation that routinely exceed action levels at Irigaray (resin storage tank) and Christensen (RO unit).

## 11.0 Conclusions

The radiation safety program at the Irigaray and Christensen sites is well managed and it is apparent that employee exposures are being maintained ALARA. Although there are a few areas noted above where improvement can be made, there is no question that employee exposures have continued to decline over the past three years. The diligence of the radiation safety staff, site management and the site employees to maintain an ALARA environment is commendable.

**COGEMA Mining, Inc. - Christensen Project****2003 ANNUAL OCCUPATIONAL RADIATION DOSE SUMMARY**

Total of internal and external doses (TEDE) NRC limit = 5,000 mrem

|                                                                       | <u>2003</u> | <u>2002</u> | <u>2001</u> |
|-----------------------------------------------------------------------|-------------|-------------|-------------|
| Employees with no assigned dose<br>(2003 includes one Temp. Employee) | 13          | 12          | 22          |
| Employees with 0.01 to .9 % of limit                                  | 6           | 7           | 12          |
| Employees with 1 to 1.9 % of limit                                    | 0           | 1           | 0           |
| Employees with 2 to 2.9 % of limit                                    | 0           | 0           | 1           |
| Employees with 3 to 3.9 % of limit                                    | 0           | 0           | 1           |
| Maximum assigned dose:                                                | 26 mrem     | 63 mrem     | 156 mrem    |
| % of annual limit:                                                    | .52%        | 1.3%        | 3.1%        |

**Operator's Dose Summary**

Only the wellfield and plant operators had assigned doses during 2003

|                   | <u>2003</u> | <u>2002</u> | <u>2001</u> |
|-------------------|-------------|-------------|-------------|
| Dose range        | 2-26 mrem   | 9-63 mrem   | 3-156 mrem  |
| Average dose      | 11 mrem     | 28 mrem     | 35 mrem     |
| % of annual limit | 0.2%        | 0.6%        | 0.7%        |

**Operator Dose Sources**

|                         |               |         |       |
|-------------------------|---------------|---------|-------|
| Uranium internal dose   | .7 mrem (1%)  | (0.4%)  | 0.6%  |
| Radon Da. internal dose | 0             | (48.2%) | 10.4% |
| External dose           | 67 mrem (99%) | (51.3%) | 89%   |

## EXPOSURE AND MONITORING DATA 2003

|                                   | Action Levels              | JANUARY<br>Maximum Values | FEBRUARY<br>Maximum Values | MARCH<br>Maximum Values   | APRIL<br>Maximum Values  | MAY<br>Maximum Values      | JUNE<br>Maximum Values      |
|-----------------------------------|----------------------------|---------------------------|----------------------------|---------------------------|--------------------------|----------------------------|-----------------------------|
| <u>Employee Urine</u>             | 15 $\mu$ g/l               | < 5 $\mu$ g/l             | < 5 $\mu$ g/l              | < 5 $\mu$ g/l             | < 5 $\mu$ g/l            | < 5 $\mu$ g/l              | < 5 $\mu$ g/l               |
| <u>Alpha Contam. Swipes</u>       |                            |                           |                            |                           |                          |                            |                             |
| Irigaray Site                     | 100 dpm/100cm <sup>2</sup> | 9 dpm/100cm <sup>2</sup>  | 9 dpm/100cm <sup>2</sup>   | 25 dpm/100cm <sup>2</sup> | 7 dpm/100cm <sup>2</sup> | 8.1 dpm/100cm <sup>2</sup> | 15.5 dpm/100cm <sup>2</sup> |
| Christensen Ranch                 |                            | 2 dpm/100cm <sup>2</sup>  | 10 dpm/100cm <sup>2</sup>  | 7 dpm/100cm <sup>2</sup>  | 2 dpm/100cm <sup>2</sup> | 4.5 dpm/100cm <sup>2</sup> | 4.5 dpm/100cm <sup>2</sup>  |
| <u>Airborne Uranium</u>           |                            |                           |                            |                           |                          |                            |                             |
| Irigaray Site                     | 1.18 $^{238}$ Pu/ml        | 2.6 $^{238}$ Pu/ml        | 1.1 $^{238}$ Pu/ml         | 1.2 $^{238}$ Pu/ml        | 2.30 $^{238}$ Pu/ml      | 1.80 $^{238}$ Pu/ml        | 1.56 $^{238}$ Pu/ml         |
| Christensen Ranch                 | 1.25 $^{238}$ Pu/ml        | 6.9 $^{238}$ Pu/ml        | 2.2 $^{238}$ Pu/ml         | 6.6 $^{238}$ Pu/ml        | 5.3 $^{238}$ Pu/ml       | 1.20 $^{238}$ Pu/ml        | 2.91 $^{238}$ Pu/ml         |
| <u>Radon Daughters</u>            |                            |                           |                            |                           |                          |                            |                             |
| Irigaray Site                     | 0.08 Working Level         | 0.025 Working Level       | 0.023 Working Level        | 0.007 Working Level       | .017 Working Level       | .03 Working Level          | .065 Working Level          |
| Christensen Ranch                 |                            | 0.015 Working Level       | 0.040 Working Level        | 0.023 Working Level       | .07 Working Level        | .007 Working Level         | .018 Working Level          |
| <u>External Gamma (quarterly)</u> |                            |                           |                            |                           |                          |                            |                             |
| Irigaray Site                     | > 2.0 mR/hour              | 3.1 mR/hour               | NA (missed)                | 3.5 mR/hour               | 3.6 mR/hour              | 3.4 mR/hour                | 4.2 mR/hour                 |
| Christensen Ranch                 |                            | 1.6 mR/hour               | NA                         | NA                        | 2.4 mR/hour              | 2.2 mR/hour                | 2.4 mR/hour                 |

|                                   | Action Levels              | JULY<br>Maximum Values     | AUGUST<br>Maximum Values    | SEPTEMBER<br>Maximum Values | OCTOBER<br>Maximum Values   | NOVEMBER<br>Maximum Values  | DECEMBER<br>Maximum Values  |
|-----------------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| <u>Employee Urine</u>             | 15 $\mu$ g/l               | < 5 $\mu$ g/l              | < 5 $\mu$ g/l               | < 5 $\mu$ g/l               | < 5 $\mu$ g/l               | < 5 $\mu$ g/l               | < 5 $\mu$ g/l               |
| <u>Alpha Contam. Swipes</u>       |                            |                            |                             |                             |                             |                             |                             |
| Irigaray Site                     | 100 dpm/100cm <sup>2</sup> | 70 dpm/100cm <sup>2</sup>  | 28.1 dpm/100cm <sup>2</sup> | 47.5 dpm/100cm <sup>2</sup> | 21.7 dpm/100cm <sup>2</sup> | 26.0 dpm/100cm <sup>2</sup> | 23.0 dpm/100cm <sup>2</sup> |
| Christensen Ranch                 |                            | 4.5 dpm/100cm <sup>2</sup> | 7.5 dpm/100cm <sup>2</sup>  | 4.5 dpm/100cm <sup>2</sup>  | 9.0 dpm/100cm <sup>2</sup>  | 9.4 dpm/100cm <sup>2</sup>  | 5.8 dpm/100cm <sup>2</sup>  |
| <u>Airborne Uranium</u>           |                            |                            |                             |                             |                             |                             |                             |
| Irigaray Site                     | 1.18 $^{238}$ Pu/ml        | 3.5 $^{238}$ Pu/ml         | 2.13 $^{238}$ Pu/ml         | 3.08 $^{238}$ Pu/ml         | 1.20 $^{238}$ Pu/ml         | 1.50 $^{238}$ Pu/ml         | 1.50 $^{238}$ Pu/ml         |
| Christensen Ranch                 | 1.25 $^{238}$ Pu/ml        | 3.7 $^{238}$ Pu/ml         | 1.35 $^{238}$ Pu/ml         | 1.70 $^{238}$ Pu/ml         | 2.20 $^{238}$ Pu/ml         | 1.30 $^{238}$ Pu/ml         | 2.20 $^{238}$ Pu/ml         |
| <u>Radon Daughters</u>            |                            |                            |                             |                             |                             |                             |                             |
| Irigaray Site                     | 0.08 Working Level         | 0.010 Working Level        | 0.013 Working Level         | 0.040 Working Level         | 0.015 Working Level         | 0.011 Working Level         | 0.008 Working Level         |
| Christensen Ranch                 |                            | 0.006 Working Level        | 0.016 Working Level         | 0.010 Working Level         | 0.023 Working Level         | 0.014 Working Level         | 0.020 Working Level         |
| <u>External Gamma (quarterly)</u> |                            |                            |                             |                             |                             |                             |                             |
| Irigaray Site                     | > 2.0 mR/hour              | 3.4 mR/hour                | 3.8 mR/hour                 | 3.4 mR/hour                 | 3.4 mR/hour                 | 3.6 mR/hour                 | 3.4 mR/hour                 |
| Christensen Ranch                 |                            | 2.4 mR/hour                | 2.2 mR/hour                 | 2.2 mR/hour                 | 1.4 mR/hour                 | 1.4 mR/hour                 | N/A                         |

J:\JMV\EXCEL\RAD-FORM\EXPO-MON.xls

## **APPENDIX 4**

### **General Location and Environmental Monitoring Maps**

**THIS PAGE IS AN  
OVERSIZED DRAWING OR  
FIGURE,**

**THAT CAN BE VIEWED AT THE  
RECORD TITLED:**

**"IRIGARAY PROJECT  
GENERAL LOCATION MAP  
MINE UNIT 1 THRU 9  
PERMIT TO MINE NO. 478",  
REVISED FEB 17, 1999**

**WITHIN THIS PACKAGE**

**D-01**

**THIS PAGE IS AN  
OVERSIZED DRAWING OR  
FIGURE,**

**THAT CAN BE VIEWED AT THE  
RECORD TITLED:**

**"CHRISTENSEN RANCH  
AREA FACILITIES LOCATION MAP  
PERMIT TO MINE NO. 478",  
REVISED 31-AUG-02**

**WITHIN THIS PACKAGE**

**D-02**

**THIS PAGE IS AN  
OVERSIZED DRAWING OR  
FIGURE,**

**THAT CAN BE VIEWED AT THE  
RECORD TITLED:**

**FIGURE 5.5**

**"IRIGARAY AND CHRISTENSEN  
RANCH  
ENVIRONMENTAL MONITORING  
STATION LOCATIONS**

**WITHIN THIS PACKAGE**

**D-03**