



**IRIGARAY AND CHRISTENSEN RANCH
PROJECTS**

2002 ANNUAL EFFLUENT and MONITORING REPORT

July 1, 2002 - December 31, 2002

NRC Source Materials License SUA-1341

Docket No. 40-8502

and

SEMI-ANNUAL MONITORING REPORT

July 1, 2002 through December 31, 2002

WDEQ PERMIT TO MINE No.478

February, 2003

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

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2002 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 NRC Source Material License No. SUA-1341, COGEMA Mining, Inc. (COGEMA) hereby submits the 2002 Annual Effluent and Monitoring Report. This document summarizes the required operational and environmental monitoring conducted at the Irigaray and Christensen Ranch from January 1 through December 31, 2002.

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, 2002, however, the entire year of data is given for annual report purposes.

2.0 OPERATIONAL SUMMARIES

All mining activities ceased in June 2000, therefore, only groundwater restoration and related activities have since been conducted. During 2002, 33,284 pounds of uranium as U_3O_8 were captured from groundwater restoration operations at the Christensen Ranch Project. 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 2002.

The Irigaray facilities are unmanned but secured with door locks and locking gates at all outer perimeter access points. Security checks were conducted daily without incident.

Groundwater restoration status summaries are provided below for the Irigaray and Christensen Ranch Projects. The layout for each site is shown on the General Location Maps, located in Appendix 4.

2.1 Irigaray Project

Groundwater restoration concluded in November 2001. Groundwater stabilization monitoring for Production Units 6 and 7 was completed in August and May 2002, respectively. A groundwater restoration report will be submitted to the WDEQ in early 2003, to request restoration approval of all nine Production Units at the Irigaray Project.

2.2 Christensen Ranch Project

Five reverse osmosis (RO) units continued to process 1,000 gpm total (200 gpm each) of wellfield recovery water. A sixth RO was used to further concentrate (secondary treatment) the brine water from the five primary RO's. The final brine water was disposed by means of two Class 1 injection wells.

The reductant addition of sodium sulfide into the permeate injection water was discontinued in June 2002, due to its ineffectiveness. Beginning in November 2002, hydrogen sulfide gas (H₂S) became the reductant used for restoration. Restoration status summaries for each Mine Unit are given below.

2.2.1 Mine Unit 2

The RO filtration/permeate injection phase (RO phase) was suspended in March 2002, with a cumulative total of 10.8 PVD processed. Groundwater restoration will be continued with H₂S addition.

2.2.2 Mine Unit 3

The RO phase was suspended in August 2002, with a cumulative total of 15.5 PVD processed. Groundwater restoration will be continued with H₂S addition.

2.2.3 Mine Unit 4

The RO phase ended in November 2002 when recirculation began with the addition of hydrogen sulfide gas (H₂S) as a reductant. The cumulative total processed during the RO phase was 8.36 PVD. Injection of RO permeate resumed in December 2002 so that it could be used as the carrier for H₂S. This was necessary to reduce precipitation in the injection wells, which restricted flow. The cumulative total processed during the reductant phase was 0.37 PVD at the end of 2002.

2.2.4 Mine Unit 5

The RO phase began in April 2002 and continued throughout the year, with a cumulative total of 3.4 PVD processed at the end of 2002.

2.2.5 Mine Unit 6

The groundwater sweep phase began in September 2000 and continued throughout the year, with a cumulative total of 0.88 PVD processed at the end of 2002.

3.0 OPERATIONAL MONITORING

3.1 Groundwater Volumes Injected and Recovered

Groundwater restoration volumes injected and recovered from the wellfields at the Christensen Ranch Project are given in Table 1 of Appendix 1. The average recovery flow rates are also given in this table. The gallons were calculated by totalizing flow meters on the recovery and injection trunklines.

3.2 Injection Manifold Pressures

Injection manifold pressures at the Christensen 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 records pressure 24 hour per day. During 2002, several incidents were recorded in which the injection pressure exceeded the 140 psi operating limit and they are summarized below. Note that none of these incidents exceeded the 168 psi limit allowed for maintenance tasks, which is also the pressure used for mechanical integrity testing.

On June 19, 2002, the injection manifold pressure for wellfield Modules 4-1 and 4-2 exceeded the 140 psi operating limit. Module 4-1 exceeded the limit for approximately 4 hours with a maximum pressure of 148 psi, while Module 4-2 exceeded the limit for approximately 2 hours with a maximum pressure of 145 psi.

On June 29, 2002, the injection manifold pressure for wellfield Module 4-2 exceeded the 140 psi operating limit for approximately 41 hours, with a maximum pressure of 145 psi. The pressure increase occurred when a valve was closed to increase flow to MU-4 and MU-5.

On November 25, 2002, the injection manifold pressure for wellfield module 4-2 exceeded the 140 psi operating limit for approximately 3 hours, with a maximum pressure of 145 psi. The pressure increase was created by buildup of precipitants in the bore of the injection wells, which an operator noticed and corrected.

3.3 Waste Water Control

3.3.1 Evaporation Ponds

Weekly inspections were conducted on the seven evaporation ponds at the Irigaray Project, along with the four evaporation ponds and one permeate storage pond at the Christensen Ranch Project. During 2001, no freeboard limits were exceeded and no leaks were detected. Sampling of the evaporation ponds is conducted on a quarterly basis and the sample analysis data are given in Table 2 of Appendix 1.

Further decommissioning of four small ponds (IR-1, 2A, 2B & 3) at the Irigaray Project (5I7 R&D Site), was conducted in 2002. Final soils surveys and samples taken over the entire area, confirmed that all plots met the cleanup limits approved in the Decommissioning Plan. During 2003, COGEMA plans to conduct final reclamation of these ponds by back filling, grading and seeding.

3.3.2 Disposal Wells

Two Class I injection wells are located at the Christensen Ranch Project which are licensed by the WDEQ Permit Number UIC 00-340 for industrial wastes. During 2002, a total of 41,021,889 gallons of restoration brine water was injected into disposal well Cogema DW No.1 and 34,661,767 gallons were injected into disposal well Christensen 18-3. Quarterly reports were submitted to the WDEQ containing required water quality, water quantity and well pressure data. No limits were exceeded at either well during 2002.

3.4 Well Integrity Testing

Well integrity testing results are reported to the WDEQ by phone on a quarterly basis and in a written report semi-annually. The results for the first half of 2002 were given in the WDEQ annual report (August 2002). No wells were integrity tested during the second half of 2002.

4.0 ENVIRONMENTAL MONITORING

The environmental monitoring locations are given on the Environmental Monitoring Station Locations map located in Appendix 4. The layout of each site, including the locations of monitor/trend wells, ponds, surface discharges, and disposal wells is given in the General Location Maps, also located in Appendix 4.

4.1 Groundwater Monitoring

4.1.1 Wellfield Monitor and Trend Wells

Groundwater quality at both projects is monitored by sampling 327 monitor or trend wells surrounding or within the wellfields. Sampling frequency varies for these wells. Monitor wells on excursion status are sampled weekly. Monitor wells not on excursion status and the trend wells are sampled monthly until restoration is complete. These wells are then sampled quarterly during post-restoration stabilization monitoring and thereafter, if needed.

Sample analysis results along with the water level elevations for 2002 are contained in Appendix 2. Note that a monthly sample could not be collected from CR monitor well 5MW54 during December because of its very low water level.

Ten monitor wells were reported on excursion status during 2002. Since detailed excursion status reports are submitted monthly to the WDEQ and quarterly to the NRC, only a summary of these wells is given below. Note that two of these wells were no longer on excursion status at the time of this report (February 2003).

Interior Shallow Sand Monitor Well SSM3 - Irigaray Production Unit 2
Date of Initial Excursion: August 30, 1996

Interior Shallow Sand Monitor Well SSM18 - Irigaray Production Unit 8
Date of Initial Excursion: September 13, 1996

Interior Shallow Sand Monitor Well SSM40 - Irigaray Production Unit 8
Date of Initial Excursion: August 16, 1996

Interior Shallow Sand Monitor Well SSM41 - Irigaray Production Unit 4
Date of Initial Excursion: November 19, 1998

Interior Shallow Sand Monitor Well SSM42 - Irigaray Production Unit 3
Date of Initial Excursion: October 10, 1990

Interior Shallow Sand Monitor Well SSM43 - Irigaray Production Unit 1
Date of Initial Excursion: October 11, 1989

Interior Shallow Sand Monitor Well DM10 - Irigaray Production Unit 6
Date of Initial Excursion: February 2, 1994

Perimeter Ore Zone Monitor Well 5MW8 - Christensen Mine Unit 5
Date of Initial Excursion: December 16, 2002

Perimeter Ore Zone Monitor Well 5MW54 - Christensen Mine Unit 5
Date of Initial Excursion: November 19, 2002
Date of Excursion Termination: February 3, 2003

Perimeter Ore Zone Monitor Well 5MW66 - Christensen Mine Unit 5
Date of Initial Excursion: August 21, 2001
Date of Excursion Termination: January 14, 2002

4.1.2 Regional Ranch Wells

Annual groundwater samples were collected from 5 ranch wells near the Christensen Ranch Project and 1 ranch well near the Irigaray Project. The samples were analyzed for uranium along with Th-230, Ra-226, Pb-210 and Po-210 and the data are given in Table 3. All radionuclides were low in concentration or not detectable, as is normal.

4.2 Surface Water Monitoring

Willow Creek is the only source of surface water present within and adjacent to the permit boundary of both the Irigaray and Christensen Ranch Projects. Willow Creek is an intermittent stream and is sampled annually in the spring, if flow is available. Three sample locations are designated at both 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 parameters and radionuclides are given in Table 4. All radionuclides were low in concentration or not detectable, with no exceedances of the NRC 10 CFR 20, Appendix B, effluent limits.

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 U.S. Environmental Protection Agency under National Pollutant Discharge Elimination System (NPDES) permits, issued by the WDEQ. During 2002, a total of 15,552,640 gallons were discharged at the Christensen Ranch Project (Permit No. WY0033642, discharge 002). The surface discharge at the Irigaray Project was not used during 2002. Routine sampling is conducted on a weekly, monthly and quarterly basis as designated by the NPDES permits. The sample analysis data for 2002 are given in Table 5. No NPDES permit limits were exceeded.

In addition, quarterly samples are also analyzed for radionuclide activity (uranium, Ra-226, Th-230, Po-210 and Pb-210) and compared to the NRC 10 CFR 20, Appendix B effluent limits. This analysis data is also given in Table 5. Most values are low or not detectable, however, one exceedance of an effluent limit occurred. In January 2002, the Lead-210 concentration was 1.6 E-8 pCi/l, compared to the effluent limit of 1.0 E-8 pCi/l, however, the annual average of all four Lead-210 samples was < 7.8 E-8 pCi/l.

Periodic exceedances of the Lead-210 effluent limit have been documented in the Effluent Monitoring Reports for 2000 and 2001. These reports stated that surface discharge water at the Christensen Ranch Project contains elevated concentrations of radon gas, which is the source of Lead-210. Note that Lead-210 is the first progeny from radon with a half-life of greater than 30 minutes (21 years). By letter dated July 31, 2001, COGEMA responded to the NRC's request to demonstrate if the surface discharge of restoration fluid complies with the NRC public dose limit in 10 CFR 20.1301 for all five of the radionuclides. The report stated "In summary, COGEMA contends that the restoration effluent discharged at Irigaray and Christensen will not cause an exceedance of the public dose limit in 10 CFR 20.1301, when realistic scenarios are considered".

4.4 Air Monitoring

4.4.1 Radon

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

The radon release estimate for 2002 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 Ci/year at a flow rate of 500 gpm (or 0.516 Ci per gpm, per year).

(986 gpm annual average recovery) (0.516 factor) = 509 Total Curies of Radon

4.4.2 Dryer Stack Emissions

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

4.4.3 Airborne Radionuclides

During dryer operation, continuous airborne radionuclide sampling is required at specified environmental locations at the Irigaray Project. However, since no drying occurred during 2002, no sampling was conducted.

4.5 Gamma Radiation Monitoring

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

5.0 OTHER INFORMATION REQUIRED BY SECTION 12.6 OF THE NRC LICENSE

5.1 ALARA Audit

The 20002 ALARA audit was conducted by Tom Hardgrove the RSO for Pathfinder Mines Corporation. A copy of the audit report is given in Appendix 3. No increasing dose trends or other concerns were noted.

5.2 Land Use Survey

The primary use of surrounding lands at both the Irigaray and Christensen Ranch Projects continues to be rural ranching. Cattle and sheep graze these lands, but are fenced from the evaporation ponds and wellfields.

The secondary use of surrounding lands continues to be oil production from wells dispersed throughout the region. The closest oil well at the Christensen Ranch Project is located approximately one third of a mile west of the Christensen plant. The closest oil well at the Irigaray Project is located approximately one half mile east of the Production Unit 9 wellfield. No new oil wells have been drilled in close proximity of the projects during 2002.

Another secondary use of surrounding lands involves drilling methane gas wells into the underground coal seams for exploratory purposes and/or to establish claims. Three inactive gas wells are located within a half-mile of the Mine Unit 6 wellfield at the Christensen Project. No new wells have been drilled in close proximity of either project during 2002.

The nearest residence to the Irigaray plant is 4 miles to the north and the nearest residence to the Christensen plant is 3 miles to the southeast. Both are ranch housing with a population of 3 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) completed one safety and environmental review (SER) during 2002, as per License Section 9.4 (C).

5.3.1 SER 2002-1

The SERP evaluated a proposed well repair method for wells which failed integrity testing. It was determined that the proposal did not require a SER, since repair methods are not specified in any licensing document and thus no changes were needed. The SERP noted that the only limiting criteria is that repaired wells must pass integrity testing prior to use.

The SERP also evaluated a proposed limited use of wells which failed integrity testing. The SERP concluded that the proposal may conflict with the NRC License and EA, since they state that COGEMA will plug and abandon any well which cannot be repaired and pass integrity testing. No mention is made in any license document concerning optional uses for failed wells. The SERP recommended that if the WDEQ accepted the proposed use, the NRC be contacted to determine if a license amendment is needed. However, the WDEQ did not accept the proposal and it was dropped from further consideration.

APPENDIX 1
Tables 1 through 5

TABLE 1

COGEMA Mining, Inc. -- Irigaray and Christensen Ranch Projects
 2002 Annual Report

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

Year 2002 Month	Gallons Injected in thousands	Gallons Recovered in thousands	Average Recovery Flow Rate (gpm)
January	31,492	41,276	1,024
February	30,754	41,424	1,027
March	38,938	50,694	1,007
April	31,169	40,350	1,001
May	30,726	41,098	1,024
June	36,546	49,802	990
July	28,768	39,545	983
August	31,602	40,349	1,006
September	40,056	49,958	991
October	31,944	40,200	1,000
November	28,306	40,304	1,000
December	39,344	49,531	996
	399,645 Total	524,531 Total	

EXCELA-TABLESVOLUMES

TABLE 2 (Page 1 of 3)

COGEMA Mining, Inc. -- Irigaray and Christensen Ranch Projects
 2002 Annual Report

Sample Type: Waste Ponds (quarterly)

Sample Date: June 13, 2002 Note: February 2002 - No samples, ponds frozen

Pond ID #	IR-A	IR-B	IR-C	IR-D
Sulfate (mg/l)	21,700	23,000	22,700	23,100
Chloride (mg/l)	81,100	73,600	171,000	180,000
NH4 as N (mg/l)	3.3	1.8	20.3	3.1
NO3 & NO2 as N (mg/l)	< 0.1	< 0.1	1.16	0.12
TDS (mg/l)	291,000	242,000	300,000	337,000
Conductivity	394,000	336,000	444,000	450,000
pH	8.5	8.8	8.2	8.4
Zinc (mg/l)	< 0.01	< 0.01	< 0.01	< 0.01
Uranium (mg/l)	73.4	223	36.3	89.9
Radium 226 (pCi/l)	24.6	40	25.2	57.7

Pond ID #	IR-E	IR-RA	IR-RB	CR-P1
Sulfate (mg/l)	18,200	14,000	10,900	< 1.0
Chloride (mg/l)	148,000	3,490	4,080	< 1.0
NH4 as N (mg/l)	1.6	0.86	0.2	< 0.05
NO3 & NO2 as N (mg/l)	0.15	< 0.1	< 0.1	< 0.1
TDS (mg/l)	278,000	28,700	28,100	34
Conductivity	374,000	31,300	32,300	58
pH	8.5	8.5	9.3	7.2
Zinc (mg/l)	< 0.01	< 0.01	< 0.01	< 0.01
Uranium (mg/l)	120	30	14	2.4
Radium 226 (pCi/l)	33	28.6	39.3	0.006

Pond ID #	CR-1	CR-2	CR-3	CR-4
Sulfate (mg/l)	961	4,910	3,550	3,640
Chloride (mg/l)	919	712	375	380
NH4 as N (mg/l)	0.1	0.11	0.09	0.06
NO3 & NO2 as N (mg/l)	< 0.10	< 0.10	< 0.10	< 0.10
TDS (mg/l)	3,440	10,800	8,140	8,280
Conductivity	5,080	13,100	10,200	10,600
pH	8.6	9.2	9	9.1
Zinc (mg/l)	< 0.01	< 0.01	< 0.01	< 0.01
Uranium (mg/l)	25	1.6	3.9	4.55
Radium 226 (pCi/l)	69.7	< 0.2	24.9	15

TABLE 2 (Page 2 of 3)

COGEMA Mining, Inc. -- Irigaray and Christensen Ranch Projects
 2002 Annual Report
 Sample Type: Waste Ponds (quarterly)
 Sample Date: August 28, 2002

Pond ID #	IR-A	IR-B	IR-C	IR-D
Sulfate (mg/l)	15,200	15,300	16,500	16,400
Chloride (mg/l)	66,900	120,000	55,200	113,000
NH4 as N (mg/l)	1.7	3.8	1.2	2.16
NO3 & NO2 as N (mg/l)	0.33	0.82	0.36	0.4
TDS (mg/l)	132,000	226,000	107,000	180,000
Conductivity	399,000	554,000	138,000	118,000
pH	8.6	8.3	8.8	8.6
Zinc (mg/l)	0.047	0.056	0.047	0.03
Uranium (mg/l)	66.2	63.9	463	95.4
Radium 226 (pCi/l)	13.1	21.5	32	26.4

Pond ID #	IR-E	IR-RA	IR-RB	CR-P1
Sulfate (mg/l)	22,500	12,500	4,750	533
Chloride (mg/l)	95,200	2,630	1,790	371
NH4 as N (mg/l)	1.7	0.62	0.25	0.33
NO3 & NO2 as N (mg/l)	0.32	< 0.1	0.39	< 0.1
TDS (mg/l)	173,000	25,800	12,600	2,190
Conductivity	657,000	82,700	25,400	3,250
pH	8.6	9	9.5	9
Zinc (mg/l)	0.042	0.042	0.037	0.113
Uranium (mg/l)	146	57.3	28.2	19.2
Radium 226 (pCi/l)	106	34.7	3.5	43.3

Pond ID #	CR-1	CR-2	CR-3	CR-4
Sulfate (mg/l)	533	4,240	2,750	3,640
Chloride (mg/l)	371	605	533	380
NH4 as N (mg/l)	0.33	1.31	4.88	0.06
NO3 & NO2 as N (mg/l)	< 0.1	< 0.1	< 0.1	< 0.1
TDS (mg/l)	2,190	10,400	7,120	8,280
Conductivity	3,250	17,800	11,700	10,600
pH	9	9.3	9	9.1
Zinc (mg/l)	0.113	0.058	0.1+E12+E29+	< 0.01
Uranium (mg/l)	19.2	13.8	3.9	4.55
Radium 226 (pCi/l)	43.3	62.5	24.9	15

TABLE 2 (Page 3 of 3)

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

2002 Annual Report

Sample Type: Waste Ponds (quarterly)

Sample Date: November 7 & 22, 2002

Pond ID #	IR-A	IR-B	IR-C	IR-D
Sulfate (mg/l)	11,400	12,800	11,400	11,900
Chloride (mg/l)	191,000	186,000	201,000	191,000
NH4 as N (mg/l)	4.29	3.42	7.58	3.62
NO3 & NO2 as N (mg/l)	0.3	0.2	1	0.4
TDS (mg/l)	234,000	243,000	220,000	185,000
Conductivity	411,000	429,000	149,000	149,000
pH	8.2	8.3	8.2	8.3
Zinc (mg/l)	0.131	0.106	0.165	15.8
Uranium (mg/l)	286	231	163	394
Radium 226 (pCi/l)	54.5	130	56.6	84.8

Pond ID #	IR-E	IR-RA	IR-RB	CR-P1
Sulfate (mg/l)	11,400	16,300	18,900	5
Chloride (mg/l)	167,000	3,680	6,250	< 1.0
NH4 as N (mg/l)	2.68	0.4	0.69	< 0.05
NO3 & NO2 as N (mg/l)	0.3	< 0.1	< 0.1	< 0.1
TDS (mg/l)	183,000	34,800	45,300	67
Conductivity	295,000	37,700	48,900	118
pH	8.4	9.1	9.4	7.4
Zinc (mg/l)	0.132	0.032	0.03	0.008
Uranium (mg/l)	254	68.8	94.5	0.0006
Radium 226 (pCi/l)	60.2	19	4.2	< 0.2

Pond ID #	CR-1	CR-2	CR-3	CR-4
Sulfate (mg/l)	546	5,410	3,130	4,600
Chloride (mg/l)	457	712	529	458
NH4 as N (mg/l)	0.32	0.48	0.64	0.19
NO3 & NO2 as N (mg/l)	< 0.1	< 0.1	< 0.1	< 0.1
TDS (mg/l)	2,220	11,600	7,230	9,970
Conductivity	3,450	33,000	14,900	23,100
pH	9	9.3	8.7	9
Zinc (mg/l)	0.026	0.011	0.01	0.011
Uranium (mg/l)	11.9	10.6	11.9	4.77
Radium 226 (pCi/l)	144	55.3	31.8	18

Table 3

COGEMA Mining, Inc. - Irigaray and Christensen Ranch Projects
 2002 Annual Report
 Sample Type: Regional Groundwater (ranch wells) - Annual Samples

Sample Location: Chnstensen Ranch House #3	
June 18, 2002	
Radionuclide	(uCi/ml)
Uranium	16.5 E-9
Thorium-230	< 0.2 E-9
Radium-226	0.7 +/- 0.2 E-9
Lead-210	< 2.7 E-9
Polonium-210	< 2.7 E-9

Sample Location: Chnstensen Middle Artesian	
June 18, 2002	
Radionuclide	(uCi/ml)
Uranium	2.1 E-9
Thorium-230	< 0.2 E-9
Radium-226	< 0.2 E-9
Lead-210	< 2.7 E-9
Polonium-210	< 2.7 E-9

Sample Location: Chnstensen Ellendale #4	
June 18, 2002	
Radionuclide	(uCi/ml)
Uranium	1.1 E-9
Thorium-230	< 0.2 E-9
Radium-226	< 0.2 E-9
Lead-210	< 2.7 E-9
Polonium-210	< 2.7 E-9

Sample Location: Chnstensen Del Gulch Lower #13	
June 18, 2002	
Radionuclide	(uCi/ml)
Uranium	2.8 E-9
Thorium-230	< 0.2 E-9
Radium-226	< 0.2 E-9
Lead-210	< 2.7 E-9
Polonium-210	< 2.7 E-9

Sample Location: Chnstensen Willow Corral #32	
August 22, 2002	
Radionuclide	(uCi/ml)
Uranium	< 0.2 E-9
Thorium-230	< 0.2 E-9
Radium-226	< 0.2 E-9
Lead-210	< 2.7 E-9
Polonium-210	< 2.7 E-9

Sample Location: Chnstensen First Artesian Well #1	
June 18, 2002	
Radionuclide	(uCi/ml)
Uranium	Not Available
Thorium-230	Pump Down
Radium-226	
Lead-210	
Polonium-210	

Sample Location: Irigaray Willow # 2	
June 18, 2002	
Radionuclide	(uCi/ml)
Uranium	< 0.2 E-9
Thorium-230	< 0.2 E-9
Radium-226	< 0.2 E-9
Lead-210	< 2.7 E-9
Polonium-210	< 2.7 E-9

LLD	
(uCi/ml)	
0.2 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 4 (Page 1 of 2)

COGEMA Mining, Inc. Irigaray and Christensen Ranch Projects
 2002 Annual Report
 Sample Type: Surface Water, Annual Samples, June 18, 2002
 Sample Location: Irigaray Project

	Willow Creek IR-9 Downstream	Willow Creek IR-14 Upstream	Willow Creek IR-17 Mine Site	Powder River IR-5 Ranch Site	LLD	10 CFR 20 Appendix B Effluent Limit (uCi/ml)
<u>Radionuclide</u>	<u>(uCi/ml)</u>	<u>(uCi/ml)</u>	<u>(uCi/ml)</u>	<u>(uCi/ml)</u>	<u>(uCi/ml)</u>	
Uranium)	no sample	3.0 E-8	2.8 E-8	8.03 E-9	0.2 E-9	3.0 E-07
Thorium-230	no flow	< 0.2 E-9	1.1 E-9 +/- 0.7	1.3 E-9 +/- 0.6	0.2 E-9	1.0 E-07
Radium-226		< 0.2 E-9	< 0.2 E-9	0.6 E-9 +/- 0.2	0.2 E-9	6.0 E-08
Lead-210		< 2.7 E-9	< 2.7 E-9	< 2.7 E-9	2.7 E-9	1.0 E-08
Polonium-210		< 2.7 E-9	3.6 E-9 +/- 1.8	< 2.7 E-9	2.7 E-9	4.0 E-08
<u>Chemical Parameters</u>					<u>(mg/l)</u>	
Total Alkalinity		59	173	215	1	N/A
Chloride		60	46	716	1	N/A
TDS		5020	3990	3570	2	N/A
Specific Conductivity		5550	4400	5050	1	N/A
Sulfate		3310	2360	1440	1	N/A
pH		8.7	7.9	8.2	0.01	N/A
Arsenic		0.003	0.001	0.003	0.001	N/A
Selenium		0.003	0.002	0.009	0.001	N/A
<u>Estimated Flow Rate:</u>	no flow	Low	Low	Medium		
Low = <5 cfs						
Medium = 5 - 50 cfs						
High = > 50 cfs						

TABLE 4 (Page 2 of 2)

COGEMA Mining, Inc. Irigaray and Christensen Ranch Projects
 2002 Annual Report
 Sample Type: Surface Water, Annual Samples, June 18, 2002
 Sample Location: Christensen Ranch Project

	Willow Creek GS-01 Downstream (uCi/ml)	Willow Creek CG-05 Upstream (uCi/ml)	Willow Creek GS-03 Mine Site (uCi/ml)	LLD (uCi/ml)	10 CFR 20 Appendix B Effluent Limit (uCi/ml)
<u>Radionuclide</u>					
Uranium)	1.1 E-7	6.8 E-9	1.5 E-8	0.2 E-9	3.0 E-07
Thorium-230	< 0.2 E-9	< 0.2 E-9	< 0.2 E-9	0.2 E-9	1.0 E-07
Radium-226	0.7 E-9 +/- 0.2	0.5 E-9 +/- 0.2	0.7 E-9 +/- 0.2	0.2 E-9	6.0 E-08
Lead-210	< 2.7 E-9	< 2.7 E-9	< 2.7 E-9	2.7 E-9	1.0 E-08
Polonium-210	< 2.7 E-9	< 2.7 E-9	< 2.7 E-9	2.7 E-9	4.0 E-08
<u>Chemical Parameters</u>				(mg/l)	
Total Alkalinity	334	352	201	1	N/A
Chloride	136	< 1	3	1	N/A
TDS	6950	2830	811	2	N/A
Specific Conductivity	7430	3260	1150	1	N/A
Sulfate	4290	1650	391	1	N/A
pH	7.9	7.9	8.2	0.01	N/A
Arsenic	0.003	0.002	0.001	0.001	N/A
Selenium	0.005	0.002	0.006	0.001	N/A
<u>Estimated Flow Rate:</u>	Low	Low	Low		
Low = <5 cfs					
Medium = 5 - 50 cfs					
High = > 50 cfs					

TABLE 5

COGEMA Mining, Inc. -- Irigaray and Christensen Ranch Projects
 2002 Annual Report
 Sample Type: Surface Discharge Water
 Sample Location: Christensen Ranch Project, Discharge # 002 (Permit # WY0033642)

Year 2002	January	February	March	April	May	June	July	August	September	October	November	December	Discharge Limits	
													Average	Maximum
Flow (MGD) average	0.079	0.051	0.053	0.053	0.085	0.070	0.061	ND	0.043	0.036	ND	0.040	0.45	NA
Total Uranium as U (mg/l) monthly sample	0.0006	0.0024	0.0003	0.0004	0.0009	0.0010	0.0019	ND	0.0005	0.0003	ND	0.0005	2	4
Dissolved Radium-226 (pCi/l) monthly sample	< 0.2	< 0.2	< 0.2	0.3	< 0.2	< 0.2	< 0.2	ND	< 0.2	< 0.2	ND	0.6	3	10
Total Radium-226 (pCi/l) monthly sample	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.2	ND	< 0.2	< 0.2	ND	< 0.2	10	30
Total Suspended Solids (mg/l) weekly samples maximum	< 1	< 1	< 1	2	1.8	2	1.2	ND	10	< 1	ND	2.2	20	30
Chemical Oxygen Demand (mg/l) quarterly sample	19	NA	NA	6	NA	NA	4	ND	NA	10	ND	NA	100	200
Total Zinc (mg/l) quarterly sample	0.003	NA	NA	0.001	NA	NA	< 0.001	ND	NA	0.001	ND	NA	0.5	1.0
pH (units) weekly samples	6.6 7.5	6.5 7.1	6.7 7.1	6.4 7.2	6.8 7.6	6.9 7.2	6.9 7.2	ND	7 7.1	7.2 7.2	ND	6.6 6.8	6.0 minimum	9.0 maximum
Selenium (mg/l) quarterly sample	0.003	NA	NA	0.003	NA	NA	0.003	ND	NA	0.001	ND	NA	0.05	0.1
Total Uranium (uCi/ml) quarterly sample	0.4 E-9	NA	NA	0.3 E-9	NA	NA	1.3 E-9	ND	NA	0.2 E-9	ND	NA	3E-07*	
Total Radium 226 (uCi/ml) quarterly sample	< 0.2 E-9	NA	NA	< 0.2 E-9	NA	NA	0.2 E-9	ND	NA	0.2 E-9	ND	NA	6E-08*	
Total Thorium-230 (uCi/ml) quarterly sample	< 0.2 E-9	NA	NA	< 0.2 E-9	NA	NA	< 0.2 E-9	ND	NA	< 0.2 E-9	ND	NA	1E-07*	
Total Lead-210 (uCi/ml) quarterly sample	1.6 E-8 +/- 0.26	NA	NA	< 2.7 E-9	NA	NA	1.0 E-8 +/- 0.2	ND	NA	< 2.7 E-9	ND	NA	1E-08*	
Total Polonium-210 (uCi/ml) quarterly sample	< 2.7 E-9	NA	NA	< 2.7 E-9	NA	NA	7.3 E-9 +/- 1.2	ND	NA	< 2.7 E-9	ND	NA	4E-08*	

NA - Not Applicable

ND - No Discharge

(EXEL) J:\LOTUSA-TABLES\SUR-DIS

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

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 and Trend Well Index

Christensen Ranch Project

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			
Trend Wells					
Perimeter Ore Zone					
Well No.	Location	Page No.	Well No.	Location	Page No.
MW78T	Mine Unit2	317	6TW2	Mine Unit 6	321
MW87T	Mine Unit2	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
Deep Sand					
5DM8T	Mine Unit 5	325	6DT1	Mine Unit 6	327
5DM9T	Mine Unit 5	326			

IRIGARAY PROJECT
Perimeter Ore Zone Monitor Wells

Mine Unit 2
Well I.D. M2

COGEMA Mining Inc.
IRIGARAY RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	18	685	131.1			

Date

28 JAN 2002	16 0	787	*	88 1	8 5	4286 3
20 MAY 2002	15 9	808	*	90 1	8 6	4291 8
26 AUG 2002	15 9	812	*	90 9	8 5	4293 5
02 DEC 2002	15 9	795	*	93 5	8 6	4296 9

* 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

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	18.1	671	100.4			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
11 FEB 2002	10.6	1057 *	81.3	8.4	4297.5
20 MAY 2002	10.8	1095 *	83.2	8.4	4303.0
26 AUG 2002	11.1	1081 *	86.2	8.5	4305.0
25 NOV 2002	10.9	1061 *	84.5	8.5	4307.5

* Values Exceed Upper Control Limit

M4

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 1
Well I.D. M7

COGEMA Mining Inc.
IRIGARAY RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	17.5	679	109.8			

Date

11 FEB 2002	11.9	1942	*	100.5	7.9	4291.8
20 MAY 2002	11.5	1946	*	96.5	8.0	4303.0
26 AUG 2002	11.3	1925	*	91.7	8.0	4305.1
25 NOV 2002	12.5	1888	*	98.1	8.1	4307.5

* 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

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	17.5	701	132.3			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
11 FEB 2002	16.0	638	114.1	8.6	4290.2
20 MAY 2002	14.1	630	108.5	8.7	4292.1
26 AUG 2002	13.5	629	105.6	8.7	4297.5
02 DEC 2002	14.0	621	110.7	8.7	4297.5

* Values Exceed Upper Control Limit

M10

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 1
Well I.D. M17

COGEMA Mining Inc.
IRIGARAY RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	17.1	724	112.9			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
11 FEB 2002	10.1	641	90.0	8.5		4293.1
20 MAY 2002	9.5	649	87.2	8.7		4297.6
26 AUG 2002	10.1	651	91.4	8.6		4299.8
25 NOV 2002	10.3	651	89.5	8.7		4302.6

* Values Exceed Upper Control Limit

M17

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 1
Well I.D. M18

COGEMA Mining Inc.
IRIGARAY RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezomet. Elevation
Units	mg/l	µ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	17	719	111.7			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezomet. Elevation
11 FEB 2002	10.8	1387 *	87.3	8.1		4298.0
20 MAY 2002	10.9	1293 *	87.4	8.2		4303.2
26 AUG 2002	10.6	1184 *	85.4	8.3		4305.8
25 NOV 2002	11.0	1123 *	87.9	8.4		4308.0

* Values Exceed Upper Control Limit

M18

Negative U3O8 Grades Indicate Less Than Detection Limit

Mine Unit 3
Well I.D. M19

COGEMA Mining Inc.
IRIGARAY RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	17	651	116.7			

Date

11 FEB 2002	11 0	627	90 3	8 6		4288 0
20 MAY 2002	10 8	637	90 5	8 6		4303 7
26 AUG 2002	11 4	640	93 9	8 6		4306 0
25 NOV 2002	11 4	636	94 2	8 7		4308 6

* 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

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	17	614	106.6			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
11 FEB 2002	11.1	617	91.4	8.7		4300.9
20 MAY 2002	11.1	609	95.9	8.8		4307.1
26 AUG 2002	10.5	591	97.8	8.8		4309.0
25 NOV 2002	11.4	584	103.0	8.8		4311.9

* Values Exceed Upper Control Limit

M23

Negative U308 Grades Indicate Less Than Detection Limit

NR CDEQ2REP

Mine Unit 6
 Well I.D. M24

COGEMA Mining Inc.
IRIGARAY RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	14.5	632	119.4			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
04 FEB 2002	10.3	551	102.3	8.8	4300.5
22 MAY 2002	9.5	535	105.1	8.8	4306.0
19 AUG 2002	9.2	509	114.6	8.7	4310.0
18 NOV 2002	9.3	498	118.3	8.9	4312.4

* Values Exceed Upper Control Limit M24

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. M25

COGEMA Mining Inc.
IRIGARAY RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	15.5	692	111.9			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
04 FEB 2002	11.4	598	94.8	8.6	4293.2
22 MAY 2002	10.6	595	92.6	8.7	4297.5
19 AUG 2002	11.2	602	98.3	8.6	4302.0
18 NOV 2002	11.3	593	98.5	8.7	4304.7

* Values Exceed Upper Control Limit

M25

Negative U308 Grades Indicate Less Than Detection Limit

COGEMA Mining Inc.

Mine Unit 7
Well I.D. M26

**IRIGARAY RANCH
PERIMETER ORE ZONE MONITOR WELL**

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	14.6	596	113.9			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
04 FEB 2002	10.3	562	97.0	8.7		4298.2
04 JUN 2002	10.4	562	100.2	8.7		4305.3
19 AUG 2002	10.2	567	101.3	8.6		4307.8
18 NOV 2002	10.3	550	103.6	8.7		4310.5

* Values Exceed Upper Control Limit

M26

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 7
Well I.D. M27

COGEMA Mining Inc.
IRIGARAY RANCH
PERIMETER ORE ZONE MONITOR WELL

- 2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	15.2	625	105.8			

Date

04 FEB 2002	11.6	600	96.1	8.5		4294.6
04 JUN 2002	11.2	600	98.3	8.4		4301.9
19 AUG 2002	11.1	605	97.6	8.4		4304.4
18 NOV 2002	11.2	597	98.0	8.6		4306.6

* 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

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometr. Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	15.5	715	110.9			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometr. Elevation
28 JAN 2002	11.7	611	94.5	8.6		4302.1
29 APR 2002	11.4	615	99.0	8.6		4309.0
19 AUG 2002	11.0	625	95.3	8.6		4312.8
18 NOV 2002	11.7	616	99.6	8.7		4315.1

* 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

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	16.1	702	109.8			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
28 JAN 2002	11.4	596	93.7	8.6	4296.7
29 APR 2002	11.0	610	98.2	8.6	4306.3
19 AUG 2002	11.2	610	99.2	8.6	4310.0
18 NOV 2002	11.5	599	100.0	8.7	4312.5

* 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

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	15.2	704	105.5			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
28 JAN 2002	11.6	612	94.0	8.6		4305.6
29 APR 2002	11.2	623	96.5	8.6		4312.0
19 AUG 2002	11.5	625	98.8	8.6		4316.0
18 NOV 2002	11.2	613	97.1	8.7		4318.3

* Values Exceed Upper Control Limit

M30

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 9
Well I.D. M31

COGEMA Mining Inc.
IRIGARAY RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	15.6	690	107.2			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
28 JAN 2002	11.8	613	96.2	8.6	4301.9
29 APR 2002	12.3	625	106.7	8.6	4308.9
19 AUG 2002	12.5	626	108.1	8.5	4312.4
18 NOV 2002	12.3	614	106.7	8.6	4315.0

* 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

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezomet. Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	161	707	107.4			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezomet. Elevation
28 JAN 2002	11.1	612	91.0	8.0		4307.6
29 APR 2002	11.3	623	99.3	8.6		4314.5
19 AUG 2002	11.8	625	101.7	8.5		4318.4
18 NOV 2002	11.3	614	98.4	8.7		4320.5

* Values Exceed Upper Control Limit

M32

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 9
Well I.D. M33

COGEMA Mining Inc.
IRIGARAY RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	15.9	686	112			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
28 JAN 2002	11.7	600	97.2	8.6	4101.1
29 APR 2002	11.7	611	102.7	8.5	4308.1
19 AUG 2002	11.4	613	99.0	8.5	4311.9
18 NOV 2002	11.5	601	100.2	8.6	4314.4

* 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

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezomet. Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	21.8	779	106.1			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezomet. Elevation
11 FEB 2002	15.7	704	88.8	8.5	4285.4
20 MAY 2002	15.1	702	89.1	8.6	4290.0
26 AUG 2002	15.6	703	91.5	8.6	4291.7
02 DEC 2002	15.7	705	92.6	8.6	4294.8

* Values Exceed Upper Control Limit

T31

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5
Well I.D. RS27

COGEMA Mining Inc.
IRIGARAY RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	16.9	646	101.2			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
11 FEB 2002	11.9	679 *	97.9	8.4	4294.4
20 MAY 2002	11.8	668 *	98.7	8.5	4299.8
26 AUG 2002	11.5	652 *	98.1	8.6	4302.1
02 DEC 2002	11.5	644	98.5	8.6	4304.8

* Values Exceed Upper Control Limit

RS27

Negative U308 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

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	20.3	2075	128.4			

Date

26 FEB 2002	242	*	2031	1101	79	4305.7
10 JUN 2002	243	*	2011	1109	79	4306.9
16 SEP 2002	246	*	2011	1140	81	4308.0
03 DEC 2002	249	*	2022	1201	80	4308.7

* Values Exceed Upper Control Limit

SSM2

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 2
Well I.D. SSM3

COGEMA Mining Inc.
IRIGARAY RANCH
INTERIOR SHALLOW SAND MONITOR WELL

2002

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

Date

02 JAN 2002	63.1	*	1828	*	145.4	7.8	4306.8
07 JAN 2002	64.7	*	1864	*	155.5	7.8	4306.9
14 JAN 2002	64.4	*	1848	*	150.3	7.9	4307.0
21 JAN 2002	63.9	*	1865	*	148.9	7.8	4307.3
28 JAN 2002	64.1	*	1839	*	149.2	7.8	4307.5
05 FEB 2002	65.2	*	1840	*	149.2	7.8	4307.8
11 FEB 2002	62.8	*	1856	*	151.6	7.8	4307.8
19 FEB 2002	63.3	*	1861	*	149.8	7.8	4308.0
26 FEB 2002	62.6	*	1869	*	147.7	7.8	4308.0
04 MAR 2002	63.5	*	1870	*	150.2	7.8	4308.2
11 MAR 2002	62.6	*	1854	*	143.5	7.8	4308.4
18 MAR 2002	63.4	*	1876	*	148.4	7.8	4308.7
25 MAR 2002	63.9	*	1878	*	149.9	7.8	4308.5
01 APR 2002	64.0	*	1825	*	148.6	7.8	4309.0
08 APR 2002	64.6	*	1879	*	152.8	7.8	4309.0
14 APR 2002	64.0	*	1883	*	146.7	7.8	4309.0
22 APR 2002	64.5	*	1892	*	156.1	7.8	4309.2
30 APR 2002	63.2	*	1870	*	152.0	7.7	4306.2
06 MAY 2002	64.9	*	1889	*	158.8	7.7	4309.2
13 MAY 2002	63.3	*	1886	*	149.0	7.7	4309.4
20 MAY 2002	63.6	*	1890	*	149.0	7.8	4309.5
28 MAY 2002	64.7	*	1903	*	151.7	7.8	4309.5
04 JUN 2002	64.7	*	1860	*	153.0	7.8	4309.7
10 JUN 2002	63.5	*	1890	*	149.2	7.7	4309.3
17 JUN 2002	63.7	*	1887	*	154.5	7.8	4309.3
24 JUN 2002	62.1	*	1886	*	143.4	7.8	4309.7
02 JUL 2002	65.4	*	1922	*	148.9	7.9	4309.5
08 JUL 2002	64.3	*	1890	*	143.0	7.7	4309.8
16 JUL 2002	66.2	*	1906	*	147.7	7.7	4308.8
22 JUL 2002	65.3	*	1886	*	152.1	7.8	4310.4
29 JUL 2002	65.9	*	1897	*	152.2	7.9	4310.4
05 AUG 2002	65.0	*	1910	*	153.1	7.8	4310.6
14 AUG 2002	65.9	*	1887	*	159.5	7.8	4310.5
19 AUG 2002	65.9	*	1890	*	155.1	7.7	4310.7
26 AUG 2002	65.8	*	1901	*	154.7	7.8	4311.2
05 SEP 2002	61.7	*	1790	*	149.8	7.8	4320.9
09 SEP 2002	61.9	*	1836	*	154.8	7.6	4311.2
16 SEP 2002	64.9	*	1887	*	155.9	7.8	4311.5
23 SEP 2002	65.6	*	1879	*	162.2	7.7	4311.3
30 SEP 2002	64.5	*	1902	*	151.5	8.2	4310.1
07 OCT 2002	66.0	*	1888	*	157.9	7.7	4310.3
14 OCT 2002	64.8	*	1900	*	151.5	7.7	4310.4
21 OCT 2002	65.4	*	1901	*	155.7	7.8	4310.5
28 OCT 2002	65.6	*	1911	*	154.9	7.8	4310.8
04 NOV 2002	66.9	*	1896	*	159.4	7.9	4310.8
11 NOV 2002	66.2	*	1901	*	156.9	7.9	4310.9
19 NOV 2002	65.4	*	1915	*	152.4	7.9	4311.0
25 NOV 2002	67.8	*	1906	*	159.6	7.9	4311.0
02 DEC 2002	66.8	*	1915	*	156.0	7.9	4311.0
09 DEC 2002	66.6	*	1921	*	157.8	7.8	4311.0
16 DEC 2002	66.6	*	1937	*	159.2	7.8	4311.1
23 DEC 2002	63.7	*	1919	*	146.3	7.8	4311.0
30 DEC 2002	63.8	*	1917	*	146.9	7.8	4311.0

* Values Exceed Upper Control Limit

SSM3

Negative U3O8 Grades Indicate Less Than Detection Limit

Mine Unit 2
Well I.D. SSM4

COGEMA Mining Inc.
IRIGARAY RANCH
INTERIOR SHALLOW SAND MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	23.5	883	275.5			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
26 FEB 2002	18.4	713	245.8	8.4	4300.0
10 JUN 2002	18.9	710	256.9	8.5	4301.6
16 SEP 2002	18.4	701	274.6	8.4	4302.5
03 DEC 2002	21.2	694	280.4	8.2	4302.9

* Values Exceed Upper Control Limit

SSM4

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. SSM5

COGEMA Mining Inc.
IRIGARAY RANCH
INTERIOR SHALLOW SAND MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	21.5	825	254.9			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
11 FEB 2002	15.6	731	224.7	8.0	4306.0
10 JUN 2002	15.3	716	231.1	8.1	4308.9
16 SEP 2002	15.0	710	238.8	8.2	4310.1
04 DEC 2002	14.9	703	232.6	8.0	4311.0

* Values Exceed Upper Control Limit

SSM5

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 4
Well I.D. SSM6

COGEMA Mining Inc.
IRIGARAY RANCH
INTERIOR SHALLOW SAND MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	16.3	2445	122.2			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
11 FEB 2002	11.7	2021	98.8	7.9		4307.3
10 JUN 2002	12.1	2043	103.2	7.8		4309.2
16 SEP 2002	12.0	2052	100.8	8.0		4310.0
04 DEC 2002	11.8	2045	100.5	7.8		4311.0

* Values Exceed Upper Control Limit

SSM6

Negative U3O8 Grades Indicate Less Than Detection Limit.

COGEMA Mining Inc.

Mine Unit 5
Well I.D. SSM7

**IRIGARAY RANCH
INTERIOR SHALLOW SAND MONITOR WELL**

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	17.1	2604	119.4			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
11 FEB 2002	13.1	2285	101.5	7.8		4308.0
10 JUN 2002	13.4	2327	103.1	7.9		4309.4
04 SEP 2002	13.4	2338	103.5	7.8		4310.6
04 DEC 2002	13.3	2321	102.0	7.7		4311.5

* Values Exceed Upper Control Limit

SSM7

Negative U308 Grades Indicate Less Than Detection Limit

COGEMA Mining Inc.

Mine Unit 5
Well I.D. SSM8

**IRIGARAY RANCH
INTERIOR SHALLOW SAND MONITOR WELL**

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	16.6	2389	112.2			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
11 FEB 2002	22.3 *	2288	108.0	7.9		4307.6
10 JUN 2002	23.5 *	2380	112.6 *	8.0		4309.2
12 JUN 2002	22.8 *	2305	110.7	7.9		4309.2
12 JUN 2002	22.3 *	2278	111.4	7.9		4309.2
04 SEP 2002	23.9 *	2384	113.4 *	7.8		4310.2
05 SEP 2002	23.2 *	2316	111.7	7.8		4310.2
05 SEP 2002	20.3 *	2237	101.7	7.6		4310.2
02 DEC 2002	25.3 *	2405 *	120.1 *	7.9		4311.0
03 DEC 2002	22.1 *	2324	110.0	7.9		4311.0
03 DEC 2002	22.6 *	2274	102.1	7.9		4311.0

* 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

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	15	2008	117.8			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
04 FEB 2002	9.5	1509	96.3	8.0	4310.0
14 JUN 2002	9.5	1502	99.4	7.9	4311.9
03 SEP 2002	9.3	1531	98.7	7.9	4312.7
19 NOV 2002	9.2	1507	98.0	8.1	4312.5

* Values Exceed Upper Control Limit

SSM9

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 6
Well I.D. SSM10

COGEMA Mining Inc.
IRIGARAY RANCH
INTERIOR SHALLOW SAND MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	15.5	1955	177.4			

Date

04 FEB 2002	12.1	1579	113.6	8.0		4309.7
04 JUN 2002	11.3	1569	111.2	7.9		4311.1
16 SEP 2002	11.2	1557	108.9	8.1		4312.5
19 NOV 2002	11.3	1560	113.0	8.0		4313.2

* Values Exceed Upper Control Limit

SSM10

Negative U308 Grades Indicate Less Than Detection Limit.

COGEMA Mining Inc.

Mine Unit 6
Well I.D. SSM11

**IRIGARAY RANCH
INTERIOR SHALLOW SAND MONITOR WELL**

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	16.2	2784	122.9			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
04 FEB 2002	12.9	2396	90.3	8.0		4294.9
10 JUN 2002	12.7	2425	89.6	7.9		4313.6
03 SEP 2002	13.4	2438	92.2	7.9		4314.3
19 NOV 2002	13.2	2386	90.8	8.0		4314.8

* Values Exceed Upper Control Limit

SSM11

Negative U308 Grades Indicate Less Than Detection Limit

COGEMA Mining Inc.
IRIGARAY RANCH
INTERIOR SHALLOW SAND MONITOR WELL

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	14.7	1849	119.4			

Date

02 JAN 2002	20.1	*	1826	157.2	*	77	4310.0
07 JAN 2002	20.0	*	1846	157.2	*	77	4309.9
14 JAN 2002	20.5	*	1851	160.9	*	78	4310.7
21 JAN 2002	20.1	*	1868	157.3	*	77	4311.0
28 JAN 2002	19.5	*	1832	151.7	*	77	4310.5
05 FEB 2002	20.2	*	1841	156.7	*	77	4310.4
11 FEB 2002	18.8	*	1854	152.4	*	77	4310.6
19 FEB 2002	19.2	*	1859	153.0	*	77	4311.5
26 FEB 2002	19.5	*	1903	155.4	*	78	4310.7
04 MAR 2002	19.4	*	1893	155.4	*	77	4311.8
11 MAR 2002	18.7	*	1885	148.6	*	76	4311.7
18 MAR 2002	19.8	*	1916	154.7	*	77	4312.2
25 MAR 2002	19.7	*	1914	153.3	*	77	4312.2
01 APR 2002	20.0	*	1888	156.2	*	76	4312.1
08 APR 2002	19.8	*	1932	152.1	*	77	4312.2
14 APR 2002	20.2	*	1954	152.6	*	76	4312.3
22 APR 2002	20.1	*	1976	158.2	*	77	4312.7
29 APR 2002	20.5	*	1949	163.6	*	77	4312.0
06 MAY 2002	20.5	*	1991	161.1	*	76	4313.0
13 MAY 2002	18.6	*	1885	147.4	*	77	4312.7
20 MAY 2002	20.4	*	1978	159.0	*	77	4312.7
28 MAY 2002	19.5	*	1937	152.9	*	77	4312.7
04 JUN 2002	20.7	*	1983	161.3	*	78	4313.0
10 JUN 2002	16.1	*	1789	135.9	*	78	4312.5
17 JUN 2002	15.0	*	1720	129.1	*	77	4312.8
25 JUN 2002	18.5	*	1890	145.6	*	79	4312.9
02 JUL 2002	19.7	*	1885	155.2	*	78	4313.0
08 JUL 2002	17.7	*	1822	141.1	*	77	4313.0
16 JUL 2002	18.1	*	1849	143.9	*	78	4313.1
22 JUL 2002	18.4	*	1830	147.2	*	79	4313.1
29 JUL 2002	18.6	*	1848	147.3	*	80	4313.1
05 AUG 2002	19.0	*	1866	152.6	*	79	4313.1
14 AUG 2002	18.8	*	1855	154.1	*	78	4313.3
19 AUG 2002	19.0	*	1850	156.1	*	76	4313.3
26 AUG 2002	18.7	*	1868	151.1	*	77	4313.7
01 SEP 2002	17.6	*	1870	147.9	*	78	4312.8
09 SEP 2002	18.5	*	1852	149.7	*	76	4312.8
16 SEP 2002	18.9	*	1870	148.6	*	80	4314.0
23 SEP 2002	19.0	*	1872	152.5	*	79	4314.0
30 SEP 2002	19.6	*	1856	152.6	*	77	4314.0
07 OCT 2002	17.6	*	1838	141.1	*	78	4314.0
14 OCT 2002	18.0	*	1864	144.0	*	78	4314.0
21 OCT 2002	19.5	*	1907	152.2	*	78	4314.3
28 OCT 2002	19.7	*	1950	155.2	*	77	4314.3
04 NOV 2002	20.0	*	1913	159.1	*	78	4314.4
11 NOV 2002	20.2	*	1933	161.1	*	78	4314.3
19 NOV 2002	19.4	*	1927	154.6	*	78	4313.8
25 NOV 2002	18.9	*	1900	150.0	*	79	4314.5
02 DEC 2002	19.4	*	1915	152.7	*	79	4314.5
09 DEC 2002	18.9	*	1932	149.6	*	78	4314.6
16 DEC 2002	19.3	*	1936	154.2	*	77	4315.5
23 DEC 2002	18.3	*	1924	145.6	*	77	4314.8
30 DEC 2002	18.8	*	1964	149.1	*	78	4314.8

* Values Exceed Upper Control Limit

SSM18

Mine Unit 8
Well I.D. SSM19

COGEMA Mining Inc.
IRIGARAY RANCH
INTERIOR SHALLOW SAND MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	13.7	1636	114.1			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
28 JAN 2002	9.3	1469	86.2	8.1		4304.9
29 APR 2002	9.0	1487	88.3	8.1		4313.0
03 SEP 2002	9.0	1496	88.2	8.2		4314.0
18 NOV 2002	9.2	1477	90.3	8.2		4314.6

* Values Exceed Upper Control Limit

SSM19

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 9
Well I.D. SSM34

COGEMA Mining Inc.
IRIGARAY RANCH
INTERIOR SHALLOW SAND MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	13.2	1698	110.4			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
28 JAN 2002	93	1202	90.6	8.0	4310.7
29 APR 2002	93	1220	95.1	8.0	4311.6
03 SEP 2002	91	1254	92.9	8.1	4313.0
18 NOV 2002	92	1208	93.3	8.1	4314.0

* Values Exceed Upper Control Limit

SSM34

Negative U308 Grades Indicate Less Than Detection Limit

COGEMA Mining Inc.

Mine Unit 9
Well I D. SSM35

**IRIGARAY RANCH
INTERIOR SHALLOW SAND MONITOR WELL**

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	14.4	1688	132.7			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
28 JAN 2002	9.9	1279	105.4	8.1	4311.2
29 APR 2002	9.8	1301	109.9	8.1	4312.6
03 SEP 2002	9.1	1312	104.9	8.2	4313.8
18 NOV 2002	9.4	1274	111.0	8.3	4314.0

* Values Exceed Upper Control Limit

SSM35

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 9
Well I.D. SSM36

COGEMA Mining Inc.
IRIGARAY RANCH
INTERIOR SHALLOW SAND MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	13.7	1565	119.6			

Date

28 JAN 2002	92	1265	1024	82		4312.3
29 APR 2002	90	1302	1074	83		4313.8
03 SEP 2002	90	1301	1071	84		4315.1
18 NOV 2002	94	1261	1115	82		4315.9

* Values Exceed Upper Control Limit

SSM36

Negative U308 Grades Indicate Less Than Detection Limit

COGEMA Mining Inc.

Mine Unit 7
Well I.D. SSM37

**IRIGARAY RANCH
INTERIOR SHALLOW SAND MONITOR WELL**

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	14.3	1813	120			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
04 FEB 2002	11.2	1637	112.2	8.1		4307.0
04 JUN 2002	11.0	1599	114.3	7.8		4309.0
03 SEP 2002	10.7	1618	114.2	8.0		4309.7
19 NOV 2002	10.5	1551	114.0	8.1		4310.5

* Values Exceed Upper Control Limit

SSM37

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 7
Well I.D. SSM38

COGEMA Mining Inc.
IRIGARAY RANCH
INTERIOR SHALLOW SAND MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	16.2	2800	118.8			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
04 FEB 2002	11.4	2048	89.9	8.0	4309.3
04 JUN 2002	11.2	2124	93.1	7.9	4311.2
03 SEP 2002	11.2	2187	97.9	7.9	4312.0
19 NOV 2002	11.3	2212	101.2	8.0	4312.7

* Values Exceed Upper Control Limit

SSM38

Negative U308 Grades Indicate Less Than Detection Limit.

COGEMA Mining Inc.

Mine Unit 7
Well I.D. SSM39

IRIGARAY RANCH
INTERIOR SHALLOW SAND MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	14.5	2071	104.4			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
26 FEB 2002	12.5	1817	107.2	*	8.0	4308.3
10 JUN 2002	12.7	1849	108.3	*	8.1	4309.8
04 SEP 2002	12.7	1860	107.6	*	7.8	4309.8
19 NOV 2002	13.3	1819	111.7	*	7.9	4311.0

* Values Exceed Upper Control Limit

SSM39

Negative U308 Grades Indicate Less Than Detection Limit

COGEMA Mining Inc.

IRIGARAY RANCH

INTERIOR SHALLOW SAND MONITOR WELL

2002

Mine Unit 8
Well I.D. SSM40

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	13.6	1672	109.2			

Date

02 JAN 2002	12.8	1440	100.5	8.0		4311.8
07 JAN 2002	15.9 *	1692 *	123.0 *	8.0		4312.1
14 JAN 2002	13.4	1448	106.6	7.9		4312.2
21 JAN 2002	14.9 *	1621	111.7 *	7.9		4311.5
28 JAN 2002	14.6 *	1586	109.8 *	8.0		4312.5
05 FEB 2002	15.0 *	1603	110.2 *	7.9		4313.0
11 FEB 2002	13.9 *	1584	109.1	8.0		4312.7
19 FEB 2002	14.3 *	1606	110.7 *	8.1		4313.3
26 FEB 2002	14.4 *	1619	109.7 *	8.2		4313.2
04 MAR 2002	14.5 *	1603	112.6 *	8.0		4313.4
11 MAR 2002	14.0 *	1583	108.7	7.8		4313.7
18 MAR 2002	14.4 *	1622	110.4 *	8.0		4313.9
25 MAR 2002	14.4 *	1628	109.9 *	7.9		4313.9
01 APR 2002	14.4 *	1584	111.5 *	8.0		4313.8
08 APR 2002	13.9 *	1593	107.3	8.0		4313.9
14 APR 2002	14.1 *	1604	107.2	8.0		4314.1
22 APR 2002	13.8 *	1587	111.2 *	8.0		4314.2
29 APR 2002	14.0 *	1595	112.5 *	7.9		4314.0
06 MAY 2002	15.4 *	1695 *	118.4 *	7.9		4314.2
13 MAY 2002	12.8	1520	105.7	7.9		4314.4
20 MAY 2002	14.8 *	1667	113.7 *	8.0		4314.3
28 MAY 2002	14.5 *	1642	113.6 *	7.9		4314.3
04 JUN 2002	14.1 *	1603	110.8 *	7.9		4314.6
10 JUN 2002	14.3 *	1648	111.1 *	8.2		4314.6
17 JUN 2002	14.3 *	1672	113.4 *	7.9		4314.9
24 JUN 2002	13.2	1582	102.0	8.1		4314.7
02 JUL 2002	14.3 *	1665	112.0 *	8.1		4314.7
08 JUL 2002	14.3 *	1626	105.7	8.0		4314.9
16 JUL 2002	15.1 *	1694 *	115.3 *	8.0		4313.9
22 JUL 2002	14.3 *	1640	109.9 *	8.2		4314.9
29 JUL 2002	14.5 *	1641	112.4 *	8.3		4314.9
05 AUG 2002	14.2 *	1629	111.8 *	8.3		4315.0
14 AUG 2002	13.7 *	1583	111.9 *	8.1		4315.0
19 AUG 2002	13.4	1640	107.6	7.9		4315.1
26 AUG 2002	14.5 *	1632	114.6 *	7.9		4315.1
03 SEP 2002	13.8 *	1632	110.1 *	8.2		4315.1
09 SEP 2002	14.5 *	1638	116.3 *	7.9		4315.1
16 SEP 2002	14.7 *	1680 *	111.7 *	8.2		4315.6
23 SEP 2002	14.3 *	1673 *	110.5 *	8.2		4315.7
30 SEP 2002	15.7 *	1692 *	119.7 *	7.9		4315.8
07 OCT 2002	14.1 *	1694 *	109.1	8.0		4315.8
14 OCT 2002	13.9 *	1656	108.8	7.6		4315.1
21 OCT 2002	14.2 *	1634	111.1 *	8.2		4316.0
28 OCT 2002	14.3 *	1626	114.4 *	8.0		4315.9
04 NOV 2002	14.4 *	1665	113.2 *	8.2		4316.0
11 NOV 2002	14.4 *	1610	116.9 *	8.2		4316.1
19 NOV 2002	14.0 *	1634	112.7 *	8.1		4316.2
25 NOV 2002	14.3 *	1667	112.1 *	8.2		4316.2
02 DEC 2002	14.3 *	1659	112.4 *	8.1		4316.2
09 DEC 2002	13.9 *	1631	112.8 *	8.2		4316.2
16 DEC 2002	14.7 *	1703 *	116.8 *	8.1		4316.6
23 DEC 2002	12.7	1625	102.8	8.1		4316.5
30 DEC 2002	13.0	1632	104.6	8.0		4316.5

* Values Exceed Upper Control Limit

SSM40

Negative U308 Grades Indicate Less Than Detection Limit 40

Mine Unit 4
Well I.D. SSM41

COGEMA Mining Inc.
IRIGARAY RANCH
INTERIOR SHALLOW SAND MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	249	2566	126.8			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
02 JAN 2002	38.6 *	2416	142.0 *	7.8		4307.0
07 JAN 2002	37.3 *	2464	136.5 *	7.7		4307.1
14 JAN 2002	38.4 *	2448	138.3 *	7.8		4307.4
21 JAN 2002	38.2 *	2465	137.8 *	7.7		4307.6
28 JAN 2002	37.5 *	2441	135.2 *	7.7		4307.7
05 FEB 2002	38.1 *	2438	134.6 *	7.7		4307.9
11 FEB 2002	35.2 *	2459	131.3 *	7.7		4307.9
19 FEB 2002	36.7 *	2457	135.8 *	7.8		4308.9
26 FEB 2002	36.2 *	2449	133.9 *	7.8		4308.2
04 MAR 2002	36.6 *	2462	135.5 *	7.7		4308.6
11 MAR 2002	36.3 *	2428	133.3 *	8.1		4307.7
18 MAR 2002	36.1 *	2463	131.9 *	7.7		4308.8
25 MAR 2002	37.8 *	2473	137.3 *	7.8		4309.0
01 APR 2002	37.7 *	2395	141.1 *	7.7		4309.1
08 APR 2002	36.6 *	2455	131.8 *	7.7		4309.1
14 APR 2002	37.3 *	2477	130.8 *	7.7		4309.2
22 APR 2002	37.0 *	2485	139.0 *	7.8		4309.4
30 APR 2002	37.5 *	2451	139.7 *	7.6		4309.0
06 MAY 2002	36.8 *	2472	136.2 *	7.6		4309.5
13 MAY 2002	37.1 *	2494	135.4 *	7.7		4309.4
20 MAY 2002	36.7 *	2472	135.6 *	7.7		4309.6
28 MAY 2002	37.6 *	2495	138.3 *	7.7		4309.1
04 JUN 2002	37.5 *	2445	138.0 *	7.7		4309.7
10 JUN 2002	37.4 *	2492	136.2 *	7.8		4309.7
17 JUN 2002	37.3 *	2468	140.7 *	7.7		4309.7
24 JUN 2002	37.0 *	2483	134.5 *	7.7		4309.7
02 JUL 2002	37.1 *	2495	139.9 *	7.8		4309.8
08 JUL 2002	35.2 *	2434	127.9 *	7.6		4309.9
16 JUL 2002	37.8 *	2485	137.6 *	7.8		4310.0
22 JUL 2002	37.3 *	2454	136.6 *	7.7		4309.7
29 JUL 2002	37.1 *	2462	135.9 *	7.9		4310.0
05 AUG 2002	37.5 *	2494	137.7 *	7.8		4309.7
14 AUG 2002	37.1 *	2473	140.0 *	7.8		4310.2
19 AUG 2002	37.1 *	2454	136.2 *	7.5		4310.0
26 AUG 2002	37.5 *	2482	134.7 *	7.6		4310.5
04 SEP 2002	37.8 *	2483	138.1 *	7.7		4310.5
09 SEP 2002	37.0 *	2463	135.3 *	7.6		4310.5
16 SEP 2002	38.7 *	2484	137.6 *	7.8		4317.2
23 SEP 2002	39.1 *	2479	137.4 *	7.7		4310.7
30 SEP 2002	37.7 *	2472	136.5 *	8.2		4310.9
07 OCT 2002	35.5 *	2454	129.1 *	7.7		4311.0
14 OCT 2002	35.2 *	2462	127.7 *	7.8		4311.0
21 OCT 2002	37.7 *	2460	134.4 *	7.8		4311.0
28 OCT 2002	38.0 *	2469	140.4 *	7.8		4311.0
04 NOV 2002	38.1 *	2460	140.7 *	7.9		4311.1
11 NOV 2002	37.8 *	2461	139.8 *	7.8		4311.3
19 NOV 2002	37.4 *	2463	139.5 *	7.8		4311.3
25 NOV 2002	38.1 *	2491	139.4 *	7.9		4311.7
02 DEC 2002	39.7 *	2481	148.3 *	7.8		4311.5
09 DEC 2002	37.6 *	2464	142.5 *	7.8		4311.5
16 DEC 2002	37.0 *	2465	139.8 *	7.8		4311.7
23 DEC 2002	35.5 *	2467	132.4 *	7.8		4311.8
30 DEC 2002	35.5 *	2478	131.7 *	7.7		4311.8

* Values Exceed Upper Control Limit

SSM41

COGEMA Mining Inc.
IRIGARAY RANCH
INTERIOR SHALLOW SAND MONITOR WELL

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	23.3	1571	213.2			

Date

02 JAN 2002	72.8	*	2368	*	152.7	7.8	4301.5
07 JAN 2002	70.9	*	2388	*	149.3	7.7	4301.4
14 JAN 2002	70.6	*	2340	*	150.8	7.8	4301.8
21 JAN 2002	68.6	*	2334	*	149.3	7.7	4302.0
28 JAN 2002	67.2	*	2287	*	149.9	7.8	4301.8
05 FEB 2002	67.0	*	2251	*	147.2	7.7	4302.2
11 FEB 2002	64.5	*	2255	*	155.7	7.8	4296.0
19 FEB 2002	63.6	*	2250	*	149.1	7.8	4302.3
26 FEB 2002	63.9	*	2238	*	150.9	7.8	4302.5
04 MAR 2002	63.0	*	2214	*	151.8	7.8	4302.3
11 MAR 2002	62.2	*	2189	*	133.1	7.9	4302.6
18 MAR 2002	62.7	*	2220	*	148.5	7.8	4302.9
25 MAR 2002	62.1	*	2200	*	151.4	7.8	4302.8
01 APR 2002	61.5	*	2136	*	151.4	7.8	4303.0
08 APR 2002	61.7	*	2165	*	150.8	7.8	4303.0
14 APR 2002	61.0	*	2152	*	148.0	7.8	4303.1
22 APR 2002	59.8	*	2144	*	159.2	7.9	4303.1
30 APR 2002	60.1	*	2110	*	158.0	7.8	4303.2
06 MAY 2002	60.7	*	2135	*	164.7	7.8	4303.3
13 MAY 2002	60.3	*	2112	*	158.3	7.9	4303.4
20 MAY 2002	60.3	*	2121	*	155.2	7.9	4303.3
28 MAY 2002	60.8	*	2138	*	160.3	7.8	4303.3
04 JUN 2002	62.3	*	2086	*	164.5	7.8	4303.4
10 JUN 2002	62.0	*	2141	*	157.7	7.8	4303.5
17 JUN 2002	62.6	*	2142	*	166.7	7.8	4303.0
24 JUN 2002	59.4	*	2136	*	151.2	7.8	4303.5
02 JUL 2002	62.4	*	2158	*	160.0	8.0	4303.2
08 JUL 2002	60.5	*	2108	*	150.1	7.8	4303.4
16 JUL 2002	60.7	*	2107	*	160.6	7.9	4303.3
22 JUL 2002	62.3	*	2104	*	168.0	7.9	4303.5
29 JUL 2002	64.7	*	2130	*	167.2	8.0	4303.6
05 AUG 2002	61.7	*	2118	*	163.5	7.9	4303.4
14 AUG 2002	61.6	*	2095	*	167.4	7.9	4303.5
19 AUG 2002	62.6	*	2128	*	160.9	7.7	4303.2
26 AUG 2002	62.7	*	2133	*	162.4	7.8	4303.9
04 SEP 2002	61.9	*	2040	*	164.9	7.8	4303.8
09 SEP 2002	61.5	*	2095	*	165.5	7.7	4304.0
16 SEP 2002	63.3	*	2113	*	166.5	7.9	4304.0
23 SEP 2002	62.4	*	2110	*	166.2	7.9	4303.9
30 SEP 2002	60.4	*	2086	*	161.5	7.7	4303.9
07 OCT 2002	58.7	*	2058	*	158.1	7.8	4304.1
14 OCT 2002	58.5	*	2048	*	160.1	8.0	4304.0
21 OCT 2002	58.9	*	2022	*	159.9	8.0	4304.1
28 OCT 2002	58.5	*	2017	*	167.4	7.9	4304.2
04 NOV 2002	59.1	*	1995	*	169.4	7.9	4304.1
11 NOV 2002	58.4	*	1973	*	172.3	8.0	4304.2
19 NOV 2002	56.7	*	1958	*	172.0	7.9	4304.0
25 NOV 2002	58.3	*	1956	*	171.5	8.0	4304.8
02 DEC 2002	55.7	*	1942	*	170.6	7.9	4304.3
09 DEC 2002	56.5	*	1932	*	172.7	7.9	4304.2
16 DEC 2002	57.1	*	1941	*	178.1	7.9	4304.5
23 DEC 2002	53.1	*	1919	*	159.9	7.9	4304.2
30 DEC 2002	53.5	*	1897	*	163.1	8.0	4304.2

* Values Exceed Upper Control Limit

SSM42

Mine Unit 1
Well I.D. SSM43

COGEMA Mining Inc.
IRIGARAY RANCH
INTERIOR SHALLOW SAND MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	25.6	1456	170.4			

Date

02 JAN 2002	38.6 *	1687 *	141.7	8.0		4305.5
07 JAN 2002	38.2 *	1726 *	139.0	7.9		4305.6
14 JAN 2002	38.4 *	1706 *	138.5	7.9		4306.0
21 JAN 2002	39.2 *	1718 *	143.1	7.9		4306.3
28 JAN 2002	38.2 *	1693 *	137.7	7.9		4306.2
05 FEB 2002	39.0 *	1704 *	139.0	7.9		4306.4
11 FEB 2002	36.9 *	1709 *	138.4	7.9		4306.4
19 FEB 2002	35.7 *	1716 *	132.4	7.9		4306.8
26 FEB 2002	37.2 *	1722 *	138.2	8.0		4306.7
04 MAR 2002	37.6 *	1728 *	139.7	8.0		4307.0
11 MAR 2002	37.6 *	1707 *	139.9	8.1		4307.1
18 MAR 2002	37.2 *	1728 *	136.4	7.9		4307.5
25 MAR 2002	37.7 *	1725 *	137.9	7.9		4307.4
01 APR 2002	39.0 *	1687 *	144.8	8.0		4307.5
08 APR 2002	37.7 *	1725 *	136.0	7.9		4307.6
14 APR 2002	37.2 *	1722 *	133.1	7.9		4307.7
22 APR 2002	37.1 *	1729 *	141.7	8.0		4307.8
30 APR 2002	36.8 *	1702 *	139.2	7.8		4307.7
06 MAY 2002	37.6 *	1715 *	141.9	7.9		4308.0
13 MAY 2002	36.7 *	1724 *	137.3	7.9		4308.1
20 MAY 2002	37.4 *	1720 *	139.3	8.0		4308
28 MAY 2002	37.9 *	1737 *	141.0	7.9		4308
04 JUN 2002	37.1 *	1690 *	137.9	7.9		4308.2
10 JUN 2002	37.8 *	1721 *	144.1	8.0		4308.1
17 JUN 2002	37.1 *	1726 *	141.0	7.9		4308.2
24 JUN 2002	36.1 *	1721 *	134.2	7.9		4308.2
02 JUL 2002	38.7 *	1745 *	143.6	8.1		4308.3
08 JUL 2002	36.2 *	1702 *	132.1	7.8		4308.5
16 JUL 2002	38.3 *	1733 *	140.6	7.9		4308.3
22 JUL 2002	37.8 *	1710 *	139.3	8.0		4309.4
29 JUL 2002	37.8 *	1725 *	138.7	8.2		4308.4
05 AUG 2002	39.8 *	1736 *	152.9	8.2		4308.6
14 AUG 2002	39.1 *	1710 *	151.8	8.1		4308.5
19 AUG 2002	17.9 *	1711 *	142.3	7.7		4309.2
26 AUG 2002	37.9 *	1723 *	139.9	7.8		4308.9
04 SEP 2002	37.1 *	1690 *	138.4	7.9		4308.8
09 SEP 2002	38.1 *	1717 *	140.7	7.7		4309.1
16 SEP 2002	39.1 *	1729 *	145.0	8.0		4309.1
23 SEP 2002	38.7 *	1699 *	142.8	8.0		4309.0
30 SEP 2002	36.7 *	1723 *	135.9	7.9		4309.1
07 OCT 2002	36.3 *	1711 *	134.2	7.9		4309.3
14 OCT 2002	36.6 *	1723 *	135.5	8.1		4309.4
21 OCT 2002	39.4 *	1717 *	146.7	8.0		4309.5
28 OCT 2002	38.8 *	1718 *	144.1	8.0		4309.6
04 NOV 2002	38.8 *	1706 *	145.0	8.1		4309.6
11 NOV 2002	38.7 *	1706 *	145.4	8.1		4309.6
19 NOV 2002	39.0 *	1718 *	146.7	8.1		4309.8
25 NOV 2002	39.5 *	1722 *	146.7	8.1		4310.0
02 DEC 2002	40.1 *	1724 *	152.5	8.0		4310.0
09 DEC 2002	38.5 *	1723 *	145.0	8.0		4309.9
16 DEC 2002	38.7 *	1730 *	145.6	8.0		4310
23 DEC 2002	35.1 *	1720 *	137.1	8.0		4310.1
30 DEC 2002	35.8 *	1725 *	133.5	8.0		4310.0

* Values Exceed Upper Control Limit

SSM43

IRIGARAY PROJECT

Interior Deep Sand Monitor Wells

Mine Unit 1
Well I.D. DM1

COGEMA Mining Inc.
IRIGARAY RANCH
INTERIOR DEEP SAND MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	162	609	207.4			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
26 FEB 2002	93	491	1162	8.5	4298.5
10 JUN 2002	94	487	1181	8.7	4304.1
16 SEP 2002	94	485	1228	8.5	4306.1
03 DEC 2002	92	486	1197	8.5	4307.6

* Values Exceed Upper Control Limit

DM1

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 1
Well I.D DM2

COGEMA Mining Inc.
IRIGARAY RANCH
INTERIOR DEEP SAND MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezomet Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	15.1	757	187.1			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezomet Elevation
26 FEB 2002	8.7	609	182.7	8.2		4287.4
10 JUN 2002	8.7	602	187.3	8.3		4293.0
16 SEP 2002	8.6	610	188.0	8.3		4295.5
03 DEC 2002	8.6	614	191.8	8.2		4298.2

* 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

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	15.8	677	240.9			

Date

26 FEB 2002	15.4	606	207.0	8.3		4292.9
10 JUN 2002	15.1	601	205.5	8.4		4299.0
16 SEP 2002	13.8	583	188.3	8.5		4301.7
03 DEC 2002	13.1	566	170.3	8.4		4303.2

* Values Exceed Upper Control Limit

DM3

Negative U3O8 Grades Indicate Less Than Detection Limit

Mine Unit 4
Well I.D. DM4

COGEMA Mining Inc.
IRIGARAY RANCH
INTERIOR DEEP SAND MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometr. Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	14.4	603	117.6			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometr. Elevation
26 FEB 2002	9.4	523	98.2	8.9		4297.4
10 JUN 2002	9.7	522	102.1	8.9		4301.0
16 SEP 2002	9.7	524	101.4	8.9		4305.2
03 DEC 2002	9.7	520	103.3	8.9		4307.5

* Values Exceed Upper Control Limit

DM4

Negative U3O8 Grades Indicate Less Than Detection Limit

Mine Unit 2
Well I.D. DM5

COGEMA Mining Inc.
IRIGARAY RANCH
INTERIOR DEEP SAND MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	15.7	675	206			

Date

26 FEB 2002	8.7	620	202.7	8.2		4276.9
10 JUN 2002	8.8	620	207.4	8.0		4285.0
16 SEP 2002	8.7	622	208.9	8.2		4289.6
03 DEC 2002	8.8	617	208.6	8.2		4291.1

* Values Exceed Upper Control Limit

DM5

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. DM9

COGEMA Mining Inc.
IRIGARAY RANCH
INTERIOR DEEP SAND MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometri. Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	163	647	132.7			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometri. Elevation
11 FEB 2002	9.8	523	98.0	8.8	4297.3
10 JUN 2002	9.8	528	99.5	8.8	4304.9
16 SEP 2002	10.4	530	104.2	8.9	4308.4
03 DEC 2002	9.3	525	97.1	8.8	4310.0

* Values Exceed Upper Control Limit

DM9

Negative U308 Grades Indicate Less Than Detection Limit

COGEMA Mining Inc.
IRIGARAY RANCH
INTERIOR DEEP SAND MONITOR WELL

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	16.4	606	107.5			

Date

02 JAN 2002	33.1	*	837	*	217.9	*	8.2	4297.6
07 JAN 2002	33.5	*	849	*	212.8	*	8.1	4298.5
14 JAN 2002	32.1	*	832	*	211.5	*	8.2	4299.3
21 JAN 2002	32.4	*	831	*	204.1	*	8.1	4300.4
28 JAN 2002	31.2	*	820	*	206.2	*	8.2	4301.3
05 FEB 2002	31.9	*	814	*	204.7	*	8.2	4301.2
11 FEB 2002	30.0	*	822	*	206.4	*	8.3	4302.7
19 FEB 2002	30.0	*	819	*	204.3	*	8.3	4303.0
26 FEB 2002	30.0	*	815	*	203.8	*	8.5	4303.5
04 MAR 2002	30.7	*	813	*	198.3	*	8.3	4304.3
11 MAR 2002	30.0	*	807	*	205.3	*	8.3	4304.9
18 MAR 2002	30.5	*	816	*	202.6	*	8.3	4305.4
25 MAR 2002	30.5	*	811	*	200.8	*	8.2	4306.0
01 APR 2002	29.8	*	799	*	198.5	*	8.3	4306.5
08 APR 2002	30.4	*	816	*	199.0	*	8.2	4307.0
14 APR 2002	30.9	*	816	*	202.8	*	8.2	4307.5
22 APR 2002	31.2	*	820	*	211.0	*	8.3	4307.8
30 APR 2002	30.6	*	804	*	208.0	*	8.2	4307.8
06 MAY 2002	30.6	*	815	*	216.9	*	8.3	4308.6
13 MAY 2002	30.8	*	813	*	206.8	*	8.1	4308.6
20 MAY 2002	31.6	*	816	*	213.2	*	8.3	4309.1
28 MAY 2002	31.0	*	821	*	203.3	*	8.2	4309.1
04 JUN 2002	31.1	*	801	*	205.6	*	8.3	4309.2
10 JUN 2002	31.0	*	819	*	202.0	*	8.3	4308.6
17 JUN 2002	30.8	*	810	*	205.0	*	8.2	4309.6
24 JUN 2002	29.8	*	808	*	192.7	*	8.2	4309.8
02 JUL 2002	32.0	*	828	*	203.9	*	8.4	4310.0
08 JUL 2002	30.0	*	786	*	192.8	*	6.0	4310.6
16 JUL 2002	31.6	*	816	*	203.4	*	8.1	4310.6
22 JUL 2002	31.5	*	804	*	203.7	*	8.3	4310.7
29 JUL 2002	32.4	*	838	*	206.8	*	8.4	4310.9
05 AUG 2002	31.6	*	816	*	206.6	*	8.5	4310.9
14 AUG 2002	30.8	*	806	*	207.4	*	8.3	4311.3
19 AUG 2002	31.6	*	803	*	207.7	*	8.1	4311.6
26 AUG 2002	31.9	*	809	*	218.4	*	8.2	4311.8
04 SEP 2002	31.3	*	816	*	204.7	*	8.2	4311.5
09 SEP 2002	31.6	*	813	*	209.5	*	8.2	4311.5
16 SEP 2002	31.8	*	809	*	204.3	*	8.4	4312.3
23 SEP 2002	31.3	*	805	*	204.2	*	8.4	4312.5
30 SEP 2002	32.6	*	804	*	201.4	*	8.0	4312.8
07 OCT 2002	30.7	*	804	*	196.7	*	8.2	4312.9
14 OCT 2002	30.3	*	803	*	195.0	*	8.2	4312.9
21 OCT 2002	30.3	*	800	*	205.0	*	8.4	4313.4
28 OCT 2002	31.7	*	803	*	209.6	*	8.2	4313.7
04 NOV 2002	32.0	*	801	*	209.9	*	8.3	4313.3
11 NOV 2002	32.0	*	801	*	213.7	*	8.3	4313.8
19 NOV 2002	31.6	*	804	*	207.5	*	8.3	4313.6
25 NOV 2002	31.6	*	802	*	206.2	*	8.5	4314.2
02 DEC 2002	32.2	*	806	*	212.6	*	8.4	4314.3
09 DEC 2002	32.3	*	808	*	217.3	*	8.3	4314.4
16 DEC 2002	31.5	*	815	*	209.6	*	8.2	4314.8
23 DEC 2002	30.6	*	804	*	199.5	*	8.2	4315.0
30 DEC 2002	31.6	*	813	*	197.8	*	8.1	4315.0

* Values Exceed Upper Control Limit

DM10

Mine Unit 7
Well I.D. DM11

COGEMA Mining Inc.
IRIGARAY RANCH
INTERIOR DEEP SAND MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezomet. Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	15	607	104.7			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezomet. Elevation
04 FEB 2002	10.9	551	95.4	8.8	4294.8
04 JUN 2002	10.4	556	98.2	8.6	4300.1
03 SEP 2002	10.6	569	97.0	8.7	4308.5
19 NOV 2002	10.7	549	100.1	8.8	4306.7

* Values Exceed Upper Control Limit

DM11

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 8
Well I.D. DM13

COGEMA Mining Inc.
IRIGARAY RANCH
INTERIOR DEEP SAND MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	15.1	624	113.5			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
04 FEB 2002	10.6	542	97.8	8.7	4299.1
29 APR 2002	10.2	535	103.8	8.6	4305.2
03 SEP 2002	9.9	557	100.3	8.7	4310.7
19 NOV 2002	10.3	583	103.6	8.8	4312.5

* Values Exceed Upper Control Limit

DM13

Negative U3O8 Grades Indicate Less Than Detection Limit

Mine Unit 8
Well I.D. DM14

COGEMA Mining Inc.
IRIGARAY RANCH
INTERIOR DEEP SAND MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometr. Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	15.5	619	109.5			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometr. Elevation
28 JAN 2002	11.3	541	99.3	8.8	4296.1
29 APR 2002	11.9	555	101.5	8.8	4293.0
03 SEP 2002	10.5	579	101.4	8.9	4308.1
18 NOV 2002	10.6	550	101.8	8.9	4310.7

* 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

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	15.1	618	110.6			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
28 JAN 2002	10.7	546	108.5	8.7	4301.0
29 APR 2002	10.8	560	110.1	8.7	4308.2
03 SEP 2002	10.5	573	106.5	8.8	4312.9
18 NOV 2002	10.8	550	107.0	8.8	4315.3

* Values Exceed Upper Control Limit

DM15

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 9
Well I.D DM16

COGEMA Mining Inc.
IRIGARAY RANCH
INTERIOR DEEP SAND MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometr. Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	157	646	111			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometr. Elevation
28 JAN 2002	11.2	553	94.9	8.8		4302.8
29 APR 2002	10.9	565	97.5	8.8		4309.6
03 SEP 2002	10.7	582	95.6	8.9		4315.0
18 NOV 2002	11.0	556	97.4	9.0		4316.6

* Values Exceed Upper Control Limit

DM16

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5
Well I.D. DM17

COGEMA Mining Inc.
IRIGARAY RANCH
INTERIOR DEEP SAND MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	15	618	108.2			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
11 FEB 2002	9.5	525	112.0 *	8.6	4297.8
10 JUN 2002	9.6	543	126.5 *	8.9	4304.0
04 SEP 2002	10.1	540	123.6 *	8.8	4307.2
02 DEC 2002	9.6	536	121.6 *	8.8	4308.4

* Values Exceed Upper Control Limit

DM17

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 4
Well I.D. DM18

COGEMA Mining Inc.
IRIGARAY RANCH
INTERIOR DEEP SAND MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezomet Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	14.5	598	105.6			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezomet Elevation
11 FEB 2002	9.8	522	99.3	8.6		4302.9
10 JUN 2002	10.2	527	102.5	8.7		4301.0
16 SEP 2002	10.3	530	103.2	8.7		4305.2
03 DEC 2002	9.8	526	101.4	8.7		4307.0

* Values Exceed Upper Control Limit

DM18

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3
Well I.D. DM19

COGEMA Mining Inc.
IRIGARAY RANCH
INTERIOR DEEP SAND MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	31.7	1207	245.3			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
26 FEB 2002	10.1	516	121.7	8.6	4261.2
10 JUN 2002	10.9	511	129.5	8.6	4271.0
16 SEP 2002	10.5	513	125.6	8.7	4277.0
03 DEC 2002	10.2	510	125.3	8.6	4263.5

* Values Exceed Upper Control Limit

DM19

Negative U3O8 Grades Indicate Less Than Detection Limit.

COGEMA Mining Inc.

Mine Unit 3
Well I.D. DM20

IRIGARAY RANCH
INTERIOR DEEP SAND MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometr. Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	17.5	609	135.6			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometr. Elevation
11 FEB 2002	9.5	509	100.4	8.6	4297.1
10 JUN 2002	9.7	517	103.4	8.7	4304.5
16 SEP 2002	9.7	520	103.5	8.9	4303.6
04 DEC 2002	9.6	515	104.1	8.8	4307.7

* Values Exceed Upper Control Limit

DM20

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 7
Well I.D. DM21

COGEMA Mining Inc.
IRIGARAY RANCH
INTERIOR DEEP SAND MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	15.6	628	126.7			

Date

04 FEB 2002	10.7	554	95.5	8.7		4299.8
04 JUN 2002	10.7	552	97.5	8.7		4308.1
03 SEP 2002	10.8	565	100.7	8.7		4310.0
19 NOV 2002	10.4	550	96.7	8.8		3831.0

* 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

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezomet. Elevation
Units	mg/l	µ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	15.1	654	117			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezomet. Elevation
04 FEB 2002	16.0 *	561	97.3	8.7	4300.9
10 JUN 2002	12.5	549	104.6	8.8	4308.4
03 SEP 2002	11.1	537	103.8	8.7	4310.1
19 NOV 2002	10.2	532	101.4	8.8	4313.1

* Values Exceed Upper Control Limit DM22
 Negative U308 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

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
14 JAN 2002	10.0	673	97.2	8.9	4502.3
11 FEB 2002	9.8	668	96.3	9.0	
12 MAR 2002	10.1	672	97.6	8.9	4504.1
08 APR 2002	9.8	673	97.3	8.9	4498.9
13 MAY 2002	9.6	679	96.4	8.9	4491.6
11 JUN 2002	9.9	672	95.2	8.9	4500.1
28 JUL 2002	9.9	671	94.9	8.6	4503.4
14 AUG 2002	9.9	665	94.9	8.9	4507.8
10 SEP 2002	9.9	676	95.6	9.0	4509.4
05 OCT 2002	9.6	667	97.0	8.9	4509.8
13 NOV 2002	9.9	663	95.5	9.0	4510.1
10 DEC 2002	9.8	671	97.0	8.7	4512.0

* 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

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezomet. Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	13.4	777	129.7			

Date

14 JAN 2002	9.9	664	97.6	8.5		4501.7
12 FEB 2002	10.1	663	98.3	8.6		
12 MAR 2002	10.1	678	97.1	8.7		4501.0
09 APR 2002	9.8	675	97.0	8.6		4497.6
13 MAY 2002	9.9	679	96.3	8.7		4491.3
11 JUN 2002	10.4	679	98.0	8.8		4492.2
30 JUL 2002	9.8	675	94.3	8.5		4493.8
13 AUG 2002	10.3	669	98.3	8.7		4497.5
09 SEP 2002	9.2	680	97.8	8.9		4498.1
07 OCT 2002	10.1	664	99.1	8.7		4509.1
13 NOV 2002	10.1	678	97.8	8.8		4509.7
10 DEC 2002	10.1	676	98.1	8.5		4512.2

* Values Exceed Upper Control Limit

MW18

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3
Well I.D. MW19

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date

14 JAN 2002	98	669	98.9	8.4		4497.1
12 FEB 2002	101	666	99.4	8.4		
11 MAR 2002	101	669	97.8	8.4		4499.6
09 APR 2002	98	673	97.9	8.5		4500.0
13 MAY 2002	97	671	97.3	8.4		4496.7
11 JUN 2002	103	676	100.0	8.5		4504.7
30 JUL 2002	100	675	98.5	8.2		4506.8
14 AUG 2002	84	666	91.2	8.1		4507.5
10 SEP 2002	92	667	98.6	8.1		4509.6
06 OCT 2002	96	674	102.9	8.1		4517.3
14 NOV 2002	97	663	104.8	8.1		4509.7
10 DEC 2002	100	679	100.5	8.2		4512.3

* Values Exceed Upper Control Limit

MW19

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW20

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
14 JAN 2002	10.0	659	100.7	8.4	4499.6
12 FEB 2002	9.8	669	100.8	8.5	
12 MAR 2002	9.9	670	101.6	8.6	4496.9
09 APR 2002	9.3	676	97.1	8.5	4496.3
13 MAY 2002	9.7	678	99.9	8.5	4490.7
11 JUN 2002	9.9	677	100.8	8.6	4491.8
30 JUL 2002	9.6	677	100.6	8.3	4495.6
12 AUG 2002	10.2	669	103.8	8.5	4498.4
09 SEP 2002	10.1	680	105.3	8.6	4500.7
07 OCT 2002	9.6	670	100.9	8.6	4508.1
13 NOV 2002	10.1	674	104.7	8.5	4509.1
10 DEC 2002	9.5	670	100.9	8.4	4510.7

* 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

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
14 JAN 2002	10.6	652	97.1	8.5	4488.7
12 FEB 2002	10.4	662	96.6	8.6	
12 MAR 2002	10.4	664	95.8	8.6	4492.2
09 APR 2002	10.4	667	96.6	8.6	4497.4
13 MAY 2002	10.3	671	95.5	8.5	4491.7
11 JUN 2002	10.4	671	96.4	8.6	4494.7
29 JUL 2002	10.5	670	98.5	8.1	4496.5
12 AUG 2002	10.5	663	97.8	8.6	4499.0
09 SEP 2002	10.1	674	96.5	8.6	4502.0
06 OCT 2002	10.7	660	96.3	8.5	4506.5
13 NOV 2002	10.8	651	95.3	8.6	4509.0
10 DEC 2002	10.4	656	94.4	8.4	4511.3

* Values Exceed Upper Control Limit

MW23

Negative U3O8 Grades Indicate Less Than Detection Limit.

COGEMA Mining Inc.

CHRISTENSEN RANCH

Mine Unit 3
Well ID MW24

PERIMETER ORE ZONE MONITOR WELL

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
14 JAN 2002	10.1	646	92.6	8.6	4499.1
12 FEB 2002	10.1	655	90.3	8.8	
12 MAR 2002	10.2	655	90.8	8.8	4503.4
09 APR 2002	9.7	665	93.7	8.7	4521.9
13 MAY 2002	9.9	670	93.6	8.7	4518.7
11 JUN 2002	10.1	663	92.7	8.8	4513.4
29 JUL 2002	10.0	640	89.5	8.5	4496.5
12 AUG 2002	10.4	653	92.6	8.8	4496.9
09 SEP 2002	10.4	660	92.1	8.7	4498.3
06 OCT 2002	10.1	660	94.7	8.7	4502.5
13 NOV 2002	10.3	655	95.2	8.7	4503.3
10 DEC 2002	9.9	676	95.1	8.5	4531.9

* 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

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
14 JAN 2002	10 0	650	96 4	8 5		4486 3
12 FEB 2002	10 1	662	96 1	8 6		
12 MAR 2002	10 4	659	96 8	8 6		4490 5
09 APR 2002	10 2	668	97 5	8 5		4497 9
13 MAY 2002	10 3	673	97 4	8 5		4494 7
11 JUN 2002	10 5	671	99 6	8 5		4496 2
29 JUL 2002	10 1	663	98 1	8 2		4496 7
12 AUG 2002	10 7	652	98 9	8 6		4499 9
09 SEP 2002	10 3	671	97 2	8 6		4502 2
06 OCT 2002	10 1	662	96 6	8 4		4506 8
13 NOV 2002	10 5	660	98 2	8 6		4507 8
10 DEC 2002	10 2	662	97 6	8 4		4510 3

* Values Exceed Upper Control Limit

MW25

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW26

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
14 JAN 2002	10.4	649	94.6	8.5	4484.3
12 FEB 2002	10.3	662	96.3	8.6	
12 MAR 2002	10.5	665	96.4	8.5	4490.8
09 APR 2002	10.1	665	94.0	8.5	4498.1
13 MAY 2002	10.0	670	94.2	8.5	4494.2
11 JUN 2002	10.1	668	93.2	8.6	4496.0
29 JUL 2002	10.6	656	95.2	8.2	4500.1
12 AUG 2002	10.6	652	94.3	8.6	4500.4
09 SEP 2002	10.4	670	94.7	8.6	4503.0
06 OCT 2002	10.3	662	95.3	8.5	4507.5
13 NOV 2002	10.6	660	98.2	8.6	4508.6
10 DEC 2002	10.4	655	95.2	8.3	4510.7

* Values Exceed Upper Control Limit

MW26

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3
Well I.D. MW27

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
14 JAN 2002	10.6	652	95.2	8.5	4487.0
12 FEB 2002	10.4	661	94.6	8.5	
12 MAR 2002	10.8	665	95.8	8.5	4492.8
09 APR 2002	11.0	667	95.5	8.5	4499.2
13 MAY 2002	11.3	672	95.5	8.5	4495.7
11 JUN 2002	11.4	670	94.5	8.5	4496.2
29 JUL 2002	11.2	657	95.3	8.2	4498.6
12 AUG 2002	11.2	654	94.3	8.5	4500.3
09 SEP 2002	11.4	672	96.2	8.6	4501.5
06 OCT 2002	11.9	663	97.0	8.4	4508.4
13 NOV 2002	11.9	663	97.2	8.5	4509.6
10 DEC 2002	11.7	656	95.5	8.3	4511.0

* Values Exceed Upper Control Limit

MW27

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW28

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometr. Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	13.4	777	129.7			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometr. Elevation
14 JAN 2002	10.4	678	98.6	8.5		4492.0
12 FEB 2002	10.4	658	97.8	8.6		
12 MAR 2002	10.7	667	97.2	8.6		4496.6
08 APR 2002	10.6	670	99.1	8.6		4499.6
13 MAY 2002	10.4	691	98.6	8.6		4495.7
11 JUN 2002	10.7	686	98.9	8.6		4498.9
28 JUL 2002	10.7	690	101.0	8.2		4500.4
12 AUG 2002	10.8	676	99.4	8.6		4502.1
09 SEP 2002	10.7	696	99.6	8.6		4505.2
05 OCT 2002	10.8	693	101.3	8.6		4510.6
11 NOV 2002	11.1	702	101.1	8.3		4511.2
10 DEC 2002	10.8	701	101.1	8.4		4511.9

* Values Exceed Upper Control Limit

MW28

Negative U3O8 Grades Indicate Less Than Detection Limit

Mine Unit 3
Well I.D. MW29

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date

14 JAN 2002	10.1	658	101.6	8.4		4496.0
12 FEB 2002	9.7	663	97.9	8.6		
12 MAR 2002	10.0	668	99.4	8.6		4499.5
08 APR 2002	10.3	669	102.6	8.6		4499.1
13 MAY 2002	9.8	672	98.9	8.6		4495.5
11 JUN 2002	9.9	671	99.6	8.6		4500.6
29 JUL 2002	10.1	666	98.1	8.2		4502.7
14 AUG 2002	10.0	669	102.0	8.6		4501.4
09 SEP 2002	10.1	673	100.2	8.6		4505.4
05 OCT 2002	9.9	665	100.0	8.6		4510.9
11 NOV 2002	10.1	669	100.4	8.4		4515.3
10 DEC 2002	10.1	668	101.1	8.4		4512.9

* Values Exceed Upper Control Limit

MW29

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3
Well I.D. MW30

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometri... Elevation
Units	mg/l	µ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	13.4	777	129.7			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometri... Elevation
14 JAN 2002	9.9	671	102.7	8.4	4500.1
12 FEB 2002	10.1	667	101.7	8.5	
12 MAR 2002	9.8	679	100.9	8.6	4500.3
08 APR 2002	9.8	672	100.3	8.6	4496.5
13 MAY 2002	9.5	678	98.7	8.5	4493.1
11 JUN 2002	9.8	674	100.4	8.6	4504.9
28 JUL 2002	9.9	675	101.8	8.2	4507.6
12 AUG 2002	10.1	662	102.6	8.5	4521.3
09 SEP 2002	9.9	677	101.3	8.5	4506.1
05 OCT 2002	9.7	671	101.0	8.5	4511.8
13 NOV 2002	10.6	669	103.2	8.4	4511.9
10 DEC 2002	9.9	674	103.1	8.2	4512.8

* 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

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
14 JAN 2002	9.5	676	102.8	8.5	4508.0
12 FEB 2002	9.7	674	103.9	8.5	
12 MAR 2002	9.7	673	100.0	8.7	4507.0
08 APR 2002	9.6	673	100.2	8.6	4500.3
13 MAY 2002	9.7	677	99.7	8.5	4496.4
11 JUN 2002	9.7	676	100.6	8.6	4512.7
28 JUL 2002	9.8	680	103.3	8.2	4513.2
12 AUG 2002	9.7	663	101.7	8.5	4523.4
09 SEP 2002	9.9	681	103.0	8.6	4507.8
05 OCT 2002	9.4	675	98.6	8.5	4514.0
13 NOV 2002	10.2	677	101.3	8.5	4514.4
10 DEC 2002	9.9	684	99.5	8.3	4515.1

* Values Exceed Upper Control Limit

MW31

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3
Well I.D. MW32

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezomet. Elevation
Units	mg/l	µ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	13.4	777	129.7			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezomet. Elevation
14 JAN 2002	9.4	671	102.1	8.5	4507.2
11 FEB 2002	10.0	677	106.3	8.6	
13 MAR 2002	9.7	673	101.9	8.6	4498.0
08 APR 2002	9.6	677	102.9	8.6	4487.0
13 MAY 2002	9.4	678	101.2	8.5	4482.1
11 JUN 2002	9.5	671	101.4	8.6	4503.5
29 JUL 2002	9.2	679	100.5	8.3	4506.3
14 AUG 2002	9.6	670	102.3	8.6	4498.8
10 SEP 2002	9.6	675	103.7	8.6	4505.5
05 OCT 2002	9.2	671	100.4	8.6	4510.4
13 NOV 2002	9.6	682	105.6	8.6	4511.2
09 DEC 2002	10.0	681	105.6	8.3	4513.7

* Values Exceed Upper Control Limit

MW32

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3
Well I.D. MW35

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date

14 JAN 2002	9.6	672	101.5		8.5	4500.7
11 FEB 2002	9.8	675	101.7		8.5	
12 MAR 2002	10.3	678	131.8	*	8.5	4500.4
09 APR 2002	10.0	632	134.1	*	8.5	4489.3
13 MAY 2002	9.7	616	132.0	*	8.6	4482.6
11 JUN 2002	9.3	597	134.7	*	8.7	4502.6
28 JUL 2002	7.5	533	130.7	*	8.4	4503.7
14 AUG 2002	15.4	682	126.1		8.5	4493.0
10 SEP 2002	10.6	671	127.3		8.6	4503.0
06 OCT 2002	8.1	552	127.2		8.6	4507.9
14 NOV 2002	9.1	587	129.9	*	8.6	4511.6
09 DEC 2002	9.2	593	129.8	*	8.3	4513.6

* 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

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
15 JAN 2002	9.6	674	103.9	8.4	4505.5
11 FEB 2002	9.5	674	101.9	8.5	
12 MAR 2002	9.7	673	100.8	8.5	4509.2
09 APR 2002	9.8	678	102.1	8.5	4497.2
13 MAY 2002	9.5	673	98.2	8.5	4489.7
11 JUN 2002	10.0	671	103.3	8.6	4512.6
28 JUL 2002	9.5	678	100.6	8.1	4518.4
14 AUG 2002	9.8	663	102.6	8.5	4501.8
09 SEP 2002	9.9	679	103.7	8.5	4509.5
06 OCT 2002	9.7	671	102.7	8.4	4515.6
14 NOV 2002	9.8	673	103.7	8.5	4518.1
10 DEC 2002	10.1	675	104.7	8.3	4519.4

* 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

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
15 JAN 2002	9.7	670	104.7	8.5	4505.8
11 FEB 2002	9.6	674	102.3	8.5	
12 MAR 2002	10.5	675	102.5	8.5	4500.4
09 APR 2002	11.0	683	102.1	8.5	4488.9
13 MAY 2002	11.8	686	103.0	8.5	4481.4
11 JUN 2002	12.9	687	105.1	8.6	4502.5
28 JUL 2002	15.4 *	707	110.2	8.1	4509.0
14 AUG 2002	13.6 *	681	109.7	8.5	4496.4
09 SEP 2002	15.0 *	704	111.7	8.5	4503.8
06 OCT 2002	14.1 *	696	107.4	8.4	4509.8
13 NOV 2002	16.2 *	720	109.9	8.5	4510.1
10 DEC 2002	15.4 *	705	112.4	8.3	4513.2

* Values Exceed Upper Control Limit

MW37

Negative U3O8 Grades Indicate Less Than Detection Limit

Mine Unit 3
Well ID MW38

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
15 JAN 2002	9.7	668	104.5	8.5		4502.9
11 FEB 2002	10.1	664	102.3	8.7		
11 MAR 2002	10.2	668	100.6	8.6		4496.2
08 APR 2002	9.7	674	102.9	8.6		4485.2
13 MAY 2002	9.7	687	102.0	8.6		4480.6
11 JUN 2002	9.7	677	102.7	8.6		4501.1
28 JUL 2002	10.2	676	108.7	8.2		4505.6
12 AUG 2002	9.7	663	102.2	8.6		4496.3
10 SEP 2002	9.6	681	101.7	8.6		4503.1
05 OCT 2002	9.6	674	101.8	8.5		4509.0
14 NOV 2002	9.8	669	104.4	8.6		4509.8
10 DEC 2002	10.2	678	107.6	8.3		4512.5

* Values Exceed Upper Control Limit

MW38

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3
Well I.D. MW39

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date

15 JAN 2002	9.6	669	101.1	8.6		4501.7
11 FEB 2002	10.1	666	102.5	8.7		
11 MAR 2002	9.9	671	100.6	8.6		4495.8
08 APR 2002	10.4	674	102.9	8.7		4486.9
13 MAY 2002	10.0	684	100.6	8.7		4483.4
11 JUN 2002	10.5	676	105.4	8.7		4489.4
28 JUL 2002	10.4	676	104.9	8.3		4495.2
14 AUG 2002	10.4	677	105.1	8.6		4498.1
10 SEP 2002	10.0	679	99.0	8.6		4504.1
05 OCT 2002	10.3	671	101.2	8.6		4509.6
14 NOV 2002	10.1	670	100.4	8.7		4511.4
10 DEC 2002	10.2	670	100.8	8.5		4512.8

* 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

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
14 JAN 2002	9.7	658	94.0	8.5	4489.9
12 FEB 2002	9.6	668	99.0	8.6	
12 MAR 2002	9.9	658	92.0	8.7	4494.5
08 APR 2002	9.9	667	97.1	8.8	4533.8
13 MAY 2002	10.0	673	97.8	8.7	4529.9
11 JUN 2002	10.4	668	96.8	8.8	4498.3
29 JUL 2002	9.7	653	97.0	8.5	4501.8
14 AUG 2002	9.7	664	95.8	8.8	4498.6
09 SEP 2002	9.9	672	97.2	8.7	4504.8
05 OCT 2002	10.1	662	96.3	8.7	4510.0
14 NOV 2002	9.9	657	93.0	8.8	4512.1
10 DEC 2002	9.8	665	95.5	8.5	4512.7

* 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

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
14 JAN 2002	9.6	672	104.7	8.6		4500.8
11 FEB 2002	9.4	673	103.1	8.6		
13 MAR 2002	10.1	668	106.2	8.6		4491.9
08 APR 2002	9.2	675	101.3	8.6		4482.7
13 MAY 2002	9.6	678	105.3	8.6		4475.0
11 JUN 2002	9.5	669	101.1	8.7		4502.7
29 JUL 2002	9.5	681	106.5	8.3		4505.1
14 AUG 2002	9.3	676	103.4	8.6		4506.9
10 SEP 2002	9.4	694	104.8	8.7		4505.5
05 OCT 2002	9.8	676	111.1	8.6		4508.9
13 NOV 2002	9.4	687	106.9	8.6		4512.3
09 DEC 2002	9.3	683	103.5	8.3		4513.9

* Values Exceed Upper Control Limit

MW41

Negative U3O8 Grades Indicate Less Than Detection Limit

Mine Unit 3
Well I.D MW42

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
14 JAN 2002	9.4	665	101.3	8.5		4487.6
11 FEB 2002	9.4	669	100.9	8.5		
13 MAR 2002	9.8	665	102.3	8.6		4482.6
08 APR 2002	9.3	670	100.3	8.5		4479.8
13 MAY 2002	9.5	674	100.6	8.5		4472.7
11 JUN 2002	9.7	674	102.1	8.6		4485.4
29 JUL 2002	9.3	670	101.9	8.1		4498.8
13 AUG 2002	9.7	660	102.6	8.6		4489.2
10 SEP 2002	9.3	685	100.8	8.7		4505.5
05 OCT 2002	9.5	668	103.2	8.5		4506.6
13 NOV 2002	9.2	676	101.2	8.7		4511.5
09 DEC 2002	9.5	670	102.6	8.4		4514.9

* 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

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
14 JAN 2002	9.4	665	102.0	8.5	4497.8
11 FEB 2002	9.6	669	104.0	8.6	
12 MAR 2002	9.6	668	102.3	8.5	4487.0
08 APR 2002	9.5	670	101.4	8.6	4478.9
13 MAY 2002	9.4	675	101.5	8.5	4471.4
11 JUN 2002	9.4	670	100.6	8.6	4434.8
28 JUL 2002	9.9	670	107.1	8.1	4462.0
13 AUG 2002	8.6	642	108.5	8.6	4488.9
10 SEP 2002	9.5	700	114.1	8.4	4505.2
05 OCT 2002	9.6	667	105.6	8.4	4504.1
13 NOV 2002	9.5	676	112.9	8.4	4511.8
09 DEC 2002	9.6	674	107.1	8.1	4515.8

* Values Exceed Upper Control Limit

MW43

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW44

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
14 JAN 2002	9.7	669	100.4	8.4		4511.9
12 FEB 2002	9.4	668	97.9	8.4		
12 MAR 2002	9.9	672	100.3	8.5		4493.2
08 APR 2002	9.5	671	98.0	8.5		4486.4
13 MAY 2002	9.6	677	98.4	8.4		4475.7
11 JUN 2002	9.4	674	97.4	8.5		4467.6
28 JUL 2002	9.8	674	99.6	7.8		4476.5
13 AUG 2002	10.2	666	103.5	8.5		4483.7
10 SEP 2002	9.5	677	98.5	8.5		4497.4
05 OCT 2002	9.5	670	99.9	8.4		4500.7
13 NOV 2002	9.6	679	100.8	8.5		4504.4
09 DEC 2002	9.6	676	100.2	8.2		4507.9

* 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

2002

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

Date

14 JAN 2002	9.5	671	100.9	8.5		4512.1
12 FEB 2002	9.8	671	100.1	8.4		
13 MAR 2002	10.1	674	101.2	8.5		4496.7
09 APR 2002	9.5	672	99.2	8.5		4482.6
13 MAY 2002	9.7	679	101.0	8.5		4472.7
11 JUN 2002	9.6	675	99.3	8.5		4500.1
28 JUL 2002	9.5	676	99.6	7.8		4482.8
14 AUG 2002	9.9	678	102.6	8.5		4490.2
10 SEP 2002	9.5	700	99.3	8.6		4491.7
06 OCT 2002	9.6	681	101.9	8.5		4505.8
14 NOV 2002	9.8	675	103.5	8.5		4509.0
09 DEC 2002	10.1	676	105.6	8.1		4511.9

* Values Exceed Upper Control Limit

MW45

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 3
Well I.D. MW62

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
14 JAN 2002	97	671	98.5	8.9		4511.6
11 FEB 2002	97	673	98.2	8.8		
11 MAR 2002	100	668	96.2	8.6		4493.7
08 APR 2002	103	671	102.6	8.7		4488.6
13 MAY 2002	97	677	96.6	8.7		4478.0
11 JUN 2002	97	671	92.9	8.8		4460.4
29 JUL 2002	98	675	94.6	8.8		4476.4
14 AUG 2002	97	668	92.5	9.1		4485.0
10 SEP 2002	99	676	93.0	9.1		4502.9
06 OCT 2002	97	663	88.3	9.2		4504.9
13 NOV 2002	100	669	91.8	9.2		4510.1
09 DEC 2002	95	665	87.4	9.1		4514.1

* 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

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
14 JAN 2002	9.6	665	100.3	8.7	4509.3
11 FEB 2002	9.6	668	99.9	8.7	
11 MAR 2002	9.6	664	96.1	8.6	4485.5
08 APR 2002	9.3	669	96.5	8.6	4482.4
13 MAY 2002	9.4	673	97.4	8.6	4472.0
11 JUN 2002	9.4	671	98.2	8.6	4466.4
29 JUL 2002	9.4	678	99.1	8.1	4481.8
14 AUG 2002	9.2	677	97.4	8.7	4485.3
10 SEP 2002	9.6	677	99.2	8.9	4504.3
06 OCT 2002	9.4	666	94.4	8.9	4502.9
13 NOV 2002	9.6	665	96.5	9.1	4508.6
09 DEC 2002	9.4	667	92.7	8.6	4516.2

* 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

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
14 JAN 2002	92	671	101.8	8.6	4503.4
11 FEB 2002	93	674	103.7	8.6	
11 MAR 2002	96	671	103.2	8.5	4479.4
08 APR 2002	93	673	102.4	8.6	4477.6
13 MAY 2002	93	680	102.3	8.6	4467.4
11 JUN 2002	91	677	100.2	8.6	4463.4
29 JUL 2002	93	683	103.7	7.9	4480.6
14 AUG 2002	90	682	101.1	8.4	4487.5
10 SEP 2002	94	682	104.2	8.6	4504.9
06 OCT 2002	92	676	103.0	8.5	4504.3
13 NOV 2002	94	670	106.5	8.5	4505.6
09 DEC 2002	92	680	105.2	8.2	4517.3

* 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

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	13.6	823	121.3			

Date

07 JAN 2002	9.9	667	97.7	8.8		4496.3
05 FEB 2002	9.7	668	102.4	8.9		4487.4
06 MAR 2002	10.0	662	98.7	8.8		4498.0
02 APR 2002	9.9	668	97.6	9.2		4499.1
06 MAY 2002	10.0	662	94.0	9.0		4507.2
03 JUN 2002	9.8	671	94.1	9.1		4495.1
01 JUL 2002	9.9	668	90.4	9.0		4493.5
07 AUG 2002	10.0	662	93.8	8.8		4500.4
03 SEP 2002	9.8	666	92.4	9.1		4504.1
30 SEP 2002	10.2	667	94.4	9.0		4510.3
04 NOV 2002	10.0	662	93.8	9.0		4513.1
02 DEC 2002	9.8	670	97.7	8.1		4514.2

* Values Exceed Upper Control Limit

MW73

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 2
Well I.D. MW74

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	13.6	823	121.3			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
07 JAN 2002	9.8	669	100.3	8.8	4494.2
05 FEB 2002	9.8	663	102.2	8.9	4493.8
06 MAR 2002	9.7	661	97.0	8.9	4496.7
02 APR 2002	9.7	654	92.5	9.0	4499.0
06 MAY 2002	10.1	653	91.2	9.0	4505.9
03 JUN 2002	9.8	664	93.3	9.0	4497.3
01 JUL 2002	10.0	660	94.5	8.9	4495.9
07 AUG 2002	10.0	664	97.3	8.9	4498.9
03 SEP 2002	10.3	663	101.9	9.2	4504.9
30 SEP 2002	9.7	665	96.4	9.1	4510.7
04 NOV 2002	10.5	657	102.8	9.1	4513.7
02 DEC 2002	10.0	667	101.1	8.3	4514.6

* Values Exceed Upper Control Limit

MW74

Negative U3O8 Grades Indicate Less Than Detection Limit.

COGEMA Mining Inc.

CHRISTENSEN RANCH

PERIMETER ORE ZONE MONITOR WELL

Mine Unit 2

Well I.D. MW75

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	13.6	823	121.3			

Date

07 JAN 2002	9.4	673	100.0	8.6		4491.3
05 FEB 2002	9.9	667	104.4	8.6		4489.0
06 MAR 2002	9.8	673	102.2	8.7		4493.3
02 APR 2002	9.5	670	95.5	8.8		4500.0
06 MAY 2002	9.9	669	96.3	8.7		4507.4
03 JUN 2002	9.5	677	96.9	8.7		4499.9
01 JUL 2002	9.7	677	97.9	8.6		4498.2
07 AUG 2002	9.6	676	95.2	8.7		4502.1
03 SEP 2002	9.8	672	96.8	8.8		4505.2
30 SEP 2002	10.1	673	97.3	8.9		4510.6
04 NOV 2002	9.5	667	92.0	8.7		4513.4
02 DEC 2002	9.5	675	95.6	8.0		4514.2

* Values Exceed Upper Control Limit

MW75

Negative U3O8 Grades Indicate Less Than Detection Limit

Mine Unit 2
Well I.D. MW76

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	13.6	823	121.3			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
07 JAN 2002	8.8	706	98.6	8.7	4490.2
05 FEB 2002	8.8	711	99.3	8.6	4489.1
06 MAR 2002	8.9	719	99.0	8.8	4493.9
02 APR 2002	8.6	719	95.0	8.4	4501.2
06 MAY 2002	8.8	720	96.3	8.6	4507.1
03 JUN 2002	8.8	725	97.5	8.7	4502.3
01 JUL 2002	9.0	724	97.0	8.6	4501.0
07 AUG 2002	8.7	722	96.7	8.5	4504.8
03 SEP 2002	8.9	723	99.3	8.7	4505.9
30 SEP 2002	9.4	729	99.5	8.3	4510.3
04 NOV 2002	9.4	720	102.9	8.6	4513.0
02 DEC 2002	8.8	728	99.9	7.7	4514.6

* Values Exceed Upper Control Limit

MW76

Negative U3O8 Grades Indicate Less Than Detection Limit

COGEMA Mining Inc.

CHRISTENSEN RANCH

PERIMETER ORE ZONE MONITOR WELL

Mine Unit 2

Well I.D. MW77

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	13.6	823	121.3			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
07 JAN 2002	8.4	740	96.7	8.4	4485.7
05 FEB 2002	8.8	730	100.7	8.4	4486.3
06 MAR 2002	8.5	739	96.0	8.5	4491.2
02 APR 2002	8.8	739	100.2	8.5	4499.5
06 MAY 2002	8.8	730	98.8	8.4	4503.0
03 JUN 2002	8.7	735	98.3	8.5	4502.6
01 JUL 2002	8.9	733	98.6	8.3	4501.0
07 AUG 2002	9.2	731	103.1	8.4	4503.1
03 SEP 2002	8.8	735	99.6	8.6	4506.2
30 SEP 2002	8.6	741	99.1	7.5	4510.8
04 NOV 2002	8.9	735	99.7	8.4	4513.7
02 DEC 2002	9.1	741	103.3	7.0	4514.9

* Values Exceed Upper Control Limit

MW77

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 2
Well I.D. MW78

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	13.6	823	121.3			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
07 JAN 2002	9 2	686	99 4	8 5	4471 0
05 FEB 2002	9 2	694	98 8	8 6	4474 6
06 MAR 2002	9 3	697	100 0	8 6	4481 8
02 APR 2002	9 3	694	100 2	8 5	4497 8
07 MAY 2002	9 3	714	99 0	8 6	4505 1
03 JUN 2002	9 1	706	98 2	8 6	4501 3
01 JUL 2002	9 1	703	97 9	8 3	4499 7
07 AUG 2002	9 6	689	102 4	8 4	4501 2
03 SEP 2002	9 2	703	98 7	8 6	4504 5
30 SEP 2002	9 7	707	104 0	8 6	4508 9
04 NOV 2002	9 2	697	99 4	8 5	4511 5
02 DEC 2002	9 2	706	101 0	7 7	4513 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

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	13.6	823	121.3			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
07 JAN 2002	9 0	700	98 0	8 4	4457 2
05 FEB 2002	8 8	718	99 7	8 5	4467 7
06 MAR 2002	8 9	724	100 9	8 6	4477 2
02 APR 2002	8 5	725	97 0	8 3	4461 5
07 MAY 2002	8 8	734	97 6	8 5	4471 3
03 JUN 2002	8 6	730	97 9	8 5	4502 2
01 JUL 2002	8 9	728	99 5	8 3	4499 9
07 AUG 2002	8 7	712	98 5	8 2	4501 4
03 SEP 2002	8 8	727	99 4	8 5	4503 5
30 SEP 2002	8 6	729	95 2	8 6	4508 2
04 NOV 2002	9 4	720	102 9	8 4	4511 2
02 DEC 2002	8 8	728	100 7	7 6	4512 5

* 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

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	13.6	823	121.3			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
07 JAN 2002	9.7	673	97.8	8.4		4449.3
05 FEB 2002	9.6	669	99.5	8.5		4460.7
06 MAR 2002	9.3	676	97.5	8.6		4474.4
02 APR 2002	9.4	685	98.9	8.3		4495.9
07 MAY 2002	9.3	706	100.7	8.4		4501.8
03 JUN 2002	9.2	700	101.8	8.4		4502.7
01 JUL 2002	9.9	694	107.0	8.2		4501.0
07 AUG 2002	9.6	680	99.8	8.2		4502.8
03 SEP 2002	9.4	686	101.1	8.5		4503.7
30 SEP 2002	9.8	688	102.3	8.6		4507.5
04 NOV 2002	9.5	683	100.4	8.4		4510.2
02 DEC 2002	9.4	689	101.0	7.6		4511.8

* 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

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	13.6	823	121.3			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
07 JAN 2002	96	674	97.4	8.5	4448.3
05 FEB 2002	97	668	100.5	8.5	4460.1
06 MAR 2002	97	672	98.1	8.6	4474.4
02 APR 2002	96	677	98.9	8.4	4496.2
06 MAY 2002	99	668	99.5	8.5	4502.9
03 JUN 2002	94	679	98.0	8.5	4504.0
01 JUL 2002	94	679	97.2	8.3	4502.2
07 AUG 2002	99	671	100.0	8.3	4502.5
03 SEP 2002	98	677	100.8	8.6	4504.3
30 SEP 2002	97	679	99.3	8.6	4508.6
04 NOV 2002	98	669	100.5	8.5	4511.2
02 DEC 2002	97	678	99.7	7.7	4511.9

* 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

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	13.6	823	121.3			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
07 JAN 2002	9.7	664	93.6	8.4		4437.7
05 FEB 2002	10.2	648	97.1	8.5		4452.0
06 MAR 2002	10.1	654	96.5	8.6		4468.7
02 APR 2002	9.8	663	93.2	8.0		4494.4
06 MAY 2002	10.7	657	102.3	8.1		4498.8
03 JUN 2002	10.2	668	99.3	8.4		4501.3
01 JUL 2002	10.1	673	96.1	8.3		4498.8
07 AUG 2002	10.5	656	98.0	8.2		4499.1
03 SEP 2002	10.1	659	96.9	7.6		4502.1
30 SEP 2002	10.3	662	98.4	8.0		4504.2
04 NOV 2002	10.5	654	97.2	8.5		4508.2
02 DEC 2002	10.3	662	99.5	7.1		4509.6

* 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

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	13.6	823	121.3			

Date					
07 JAN 2002	97	674	98.4	8.5	4436.9
05 FEB 2002	97	665	99.5	8.6	4463.0
06 MAR 2002	97	663	99.0	8.6	4470.6
02 APR 2002	97	675	99.0	8.6	4494.6
06 MAY 2002	102	660	96.7	8.8	4499.1
03 JUN 2002	99	674	98.7	8.6	4501.2
01 JUL 2002	97	678	97.9	8.5	4499.0
07 AUG 2002	103	673	101.7	8.6	4504.2
03 SEP 2002	96	668	97.1	8.8	4502.1
30 SEP 2002	99	672	98.4	8.7	4506.0
04 NOV 2002	100	658	99.2	8.6	4509.1
02 DEC 2002	102	672	103.3	7.7	4509.7

* Values Exceed Upper Control Limit

MW83

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 2
Well I.D. MW84

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	µ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	13.6	823	121.3			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
07 JAN 2002	10.1	660	97.3	8.5	4442.5
05 FEB 2002	10.1	653	98.9	8.6	4457.8
06 MAR 2002	10.5	656	103.8	8.6	4470.6
02 APR 2002	10.3	643	101.7	8.6	4494.9
13 MAY 2002	11.0	666	101.3	8.8	4497.7
05 JUN 2002	10.4	662	101.8	8.5	4500.3
01 JUL 2002	10.7	677	104.2	8.0	4498.2
07 AUG 2002	10.3	664	99.9	8.5	4496.5
03 SEP 2002	10.0	663	100.5	8.2	4502.0
30 SEP 2002	10.5	667	103.8	8.4	4505.3
04 NOV 2002	10.6	654	104.7	8.5	4508.5
03 DEC 2002	10.1	668	101.4	7.5	4509.7

* Values Exceed Upper Control Limit

MW84

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW85

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	13.6	823	121.3			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
07 JAN 2002	10 0	668	98 4	8 4	4458 3
05 FEB 2002	10 5	653	102 0	8 5	4465 7
06 MAR 2002	10 4	654	99 8	8 3	4474 8
02 APR 2002	10 0	665	98 7	8 5	4495 1
07 MAY 2002	10 4	673	99 4	8 5	4498 0
05 JUN 2002	10 0	658	99 0	8 3	4499 6
01 JUL 2002	10 3	668	98 4	8 4	4497 5
07 AUG 2002	10 3	660	98 1	8 4	4500 8
03 SEP 2002	9 9	662	97 8	8 1	4501 4
30 SEP 2002	10 7	665	100 6	8 3	4504 0
04 NOV 2002	10 2	653	99 3	8 4	4507 2
03 DEC 2002	10 5	666	102 1	7 6	4507 7

* 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

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	13.6	823	121.3			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
07 JAN 2002	10.2	667	97.1	8.4	4464.2
05 FEB 2002	10.0	654	96.8	8.5	4468.7
06 MAR 2002	10.4	652	97.6	8.6	4476.2
02 APR 2002	10.1	662	96.9	8.5	4494.6
07 MAY 2002	10.3	669	95.4	8.6	4500.0
05 JUN 2002	10.6	664	96.8	8.5	4497.8
01 JUL 2002	10.4	664	97.3	8.4	4495.8
07 AUG 2002	10.5	658	95.9	8.5	4496.2
03 SEP 2002	10.2	661	95.9	8.6	4500.8
30 SEP 2002	10.5	668	98.2	8.6	4505.0
04 NOV 2002	10.3	667	98.1	8.4	4508.2
03 DEC 2002	10.3	666	99.4	7.8	4509.9

* 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

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	13.6	823	121.3			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
07 JAN 2002	10.0	670	99.1	8.4		4469.3
05 FEB 2002	10.5	650	104.6	8.5		4472.1
06 MAR 2002	10.1	654	99.4	8.5		4478.0
02 APR 2002	10.5	654	105.0	8.5		4495.2
07 MAY 2002	10.0	671	99.2	8.5		4496.7
05 JUN 2002	10.5	658	99.6	8.4		4496.9
01 JUL 2002	10.6	667	104.7	8.4		4495.0
07 AUG 2002	10.4	659	102.3	8.4		4496.2
03 SEP 2002	10.3	663	103.7	8.5		4500.9
30 SEP 2002	10.6	664	104.7	8.5		4504.4
04 NOV 2002	10.3	666	103.2	8.3		4508.0
03 DEC 2002	9.9	665	100.1	7.7		4509.5

* Values Exceed Upper Control Limit

MW87

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 2
Well I.D. MW88

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	13.6	823	121.3			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
07 JAN 2002	9 7	674	100 2	8 4		4478 8
05 FEB 2002	8 6	660	103 1	8 5		4476 5
06 MAR 2002	10 0	658	102 0	8 5		4483 9
02 APR 2002	9 8	664	101 2	8 5		4496 3
07 MAY 2002	10 4	677	103 7	8 5		4496 1
05 JUN 2002	10 0	666	100 4	8 4		4496 1
01 JUL 2002	10 0	673	102 0	8 4		4494 4
07 AUG 2002	10 3	665	104 0	8 4		4500 0
03 SEP 2002	9 8	675	100 1	8 5		4501 4
01 OCT 2002	9 7	676	101 7	8 5		4505 9
04 NOV 2002	9 8	669	100 3	8 4		4508 8
03 DEC 2002	9 9	671	102 9	7 7		4510 9

* Values Exceed Upper Control Limit

MW88

Negative U3O8 Grades Indicate Less Than Detection Limit

COGEMA Mining Inc.

CHRISTENSEN RANCH

PERIMETER ORE ZONE MONITOR WELL

Mine Unit 2
Well I.D. MW89

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	13.6	823	121.3			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
07 JAN 2002	14.8 *	717	110.9	8.3	4487.1
05 FEB 2002	13.6	694	112.9	8.4	4483.5
06 MAR 2002	13.2	692	111.5	8.4	4489.6
02 APR 2002	13.2	694	110.9	8.4	4497.1
07 MAY 2002	13.6	713	111.2	8.5	4495.8
05 JUN 2002	13.9 *	703	111.5	8.4	4495.2
01 JUL 2002	13.6	710	108.8	8.3	4493.5
07 AUG 2002	14.0 *	703	112.0	8.4	4497.7
03 SEP 2002	13.9 *	714	115.1	8.5	4501.9
01 OCT 2002	13.9 *	715	117.4	8.4	4505.2
04 NOV 2002	13.2	713	112.3	8.4	4509.6
03 DEC 2002	13.5	716	117.6	7.7	4509.4

* Values Exceed Upper Control Limit

MW89

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 2
Well I.D. MW90

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	13.6	823	121.3			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
07 JAN 2002	9.5	677	97.0	8.4	4447.8
05 FEB 2002	9.7	667	98.4	8.4	4459.4
06 MAR 2002	9.7	673	98.7	8.6	4473.3
02 APR 2002	9.4	678	96.8	8.3	4495.7
06 MAY 2002	9.8	668	97.9	8.5	4504.3
03 JUN 2002	9.5	685	98.4	8.4	4504.2
01 JUL 2002	10.2	682	103.2	8.2	4502.2
07 AUG 2002	9.6	676	97.8	8.4	4508.3
03 SEP 2002	9.3	679	96.2	8.4	4504.7
01 OCT 2002	9.7	682	101.5	8.4	4508.8
04 NOV 2002	9.7	675	99.1	8.4	4511.6
03 DEC 2002	9.5	683	100.2	7.7	4511.1

* 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

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	11.6	778	124.6			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
07 JAN 2002	99	668	98.1	8.4	4446.5
05 FEB 2002	97	664	97.4	8.5	4457.7
06 MAR 2002	99	671	99.1	8.6	4472.4
02 APR 2002	98	664	97.9	7.7	4496.9
06 MAY 2002	101	659	98.5	7.9	4502.8
03 JUN 2002	97	674	97.3	8.2	4505.8
01 JUL 2002	100	678	100.7	8.2	4503.5
07 AUG 2002	102	684	100.9	8.5	4510.7
03 SEP 2002	96	680	97.1	8.5	4505.9
01 OCT 2002	99	676	98.6	7.8	4508.7
04 NOV 2002	99	667	99.0	8.4	4510.7
03 DEC 2002	97	676	98.9	7.6	4512.3

* 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

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	11.6	778	124.6			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
07 JAN 2002	10.1	655	94.5	8.5	4445.2
05 FEB 2002	10.1	653	97.5	8.5	4456.2
06 MAR 2002	10.0	658	94.9	8.5	4472.3
02 APR 2002	10.0	654	99.9	7.1	4496.2
06 MAY 2002	10.2	665	100.7	7.4	4499.8
03 JUN 2002	9.9	676	97.7	8.5	4505.3
01 JUL 2002	10.3	669	100.6	8.2	4503.4
07 AUG 2002	10.1	671	97.3	8.5	4506.0
03 SEP 2002	10.0	670	98.7	8.5	4504.3
01 OCT 2002	9.8	672	96.9	7.8	4507.8
04 NOV 2002	9.8	670	97.4	8.4	4509.6
03 DEC 2002	9.5	684	98.6	7.7	4511.3

* Values Exceed Upper Control Limit

MW102

Negative U3O8 Grades Indicate Less Than Detection Limit.

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

Mine Unit 2
 Well I.D. MW103

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	11.6	778	124.6			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
07 JAN 2002	99	655	97.5	8.7		4456.3
05 FEB 2002	98	655	94.3	8.6		4470.6
06 MAR 2002	100	668	97.9	8.4		4478.7
02 APR 2002	97	657	97.9	8.6		4497.7
06 MAY 2002	98	666	101.7	8.5		4503.4
03 JUN 2002	96	680	100.9	8.6		4506.9
01 JUL 2002	98	672	96.9	8.4		4504.8
07 AUG 2002	97	673	96.1	8.7		4507.7
03 SEP 2002	97	671	96.0	8.8		4506.3
01 OCT 2002	94	672	97.2	7.3		4510.5
04 NOV 2002	98	671	100.5	8.5		4512.4
03 DEC 2002	96	679	100.3	7.0		4514.4

* Values Exceed Upper Control Limit

MW103

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW104

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	11.6	778	124.6			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
07 JAN 2002	9.3	679	96.0	8.5		4453.9
05 FEB 2002	10.1	655	96.4	8.6		4462.2
06 MAR 2002	9.4	674	96.3	8.6		4476.2
02 APR 2002	9.4	676	94.8	8.2		4496.3
06 MAY 2002	10.0	673	100.5	7.5		4501.8
05 JUN 2002	9.4	688	97.7	8.3		4504.5
01 JUL 2002	9.4	687	96.6	8.2		4502.3
07 AUG 2002	9.6	686	97.0	8.5		4500.9
03 SEP 2002	9.7	685	98.9	8.5		4504.4
01 OCT 2002	9.6	686	100.1	7.5		4506.8
04 NOV 2002	9.4	688	97.7	8.4		4508.7
03 DEC 2002	9.6	693	99.3	7.2		4510.0

* 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

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	11.6	778	124.6			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
07 JAN 2002	10 0	645	91 7	8 5		4449 9
05 FEB 2002	10 0	650	94 9	8 4		4459 6
06 MAR 2002	10 0	654	94 1	8 6		4473 8
02 APR 2002	9 9	657	95 6	8 5		4496 1
06 MAY 2002	10 0	656	96 3	7 5		4499 3
05 JUN 2002	9 8	662	95 0	8 2		4503 4
01 JUL 2002	9 9	670	95 2	8 0		4501 5
07 AUG 2002	10 0	666	94 7	8 5		4504 7
03 SEP 2002	10 0	660	97 1	7 6		4503 3
01 OCT 2002	9 9	672	97 8	7 5		4505 0
04 NOV 2002	9 8	685	95 7	8 3		4506 6
03 DEC 2002	10 4	674	102 7	7 5		4506 4

* 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

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	11.6	778	124.6			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
07 JAN 2002	10.4	646	92.5	8.5		4449.8
05 FEB 2002	10.7	642	94.3	8.5		4460.0
06 MAR 2002	10.4	654	94.5	8.6		4473.0
02 APR 2002	10.8	655	98.8	8.2		4495.6
06 MAY 2002	10.1	653	94.8	8.5		4502.5
05 JUN 2002	10.1	660	95.5	8.3		4503.6
01 JUL 2002	10.2	665	95.9	8.2		4501.5
07 AUG 2002	10.3	665	97.1	8.5		4506.2
03 SEP 2002	10.4	661	99.2	8.6		4502.7
01 OCT 2002	10.1	665	96.4	8.4		4506.1
04 NOV 2002	10.4	665	97.1	8.4		4507.1
03 DEC 2002	9.9	663	95.3	7.8		4510.5

* 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

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	11.6	778	124.6			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
07 JAN 2002	10.4	656	97.9	8.5	4447.7
05 FEB 2002	10.4	649	95.5	8.5	4458.6
06 MAR 2002	10.0	653	93.9	8.6	4470.8
02 APR 2002	10.3	650	95.9	8.4	4495.4
06 MAY 2002	10.5	649	95.9	8.5	4500.4
05 JUN 2002	10.4	654	95.9	8.3	4503.3
01 JUL 2002	11.2	660	103.7	8.2	4501.3
07 AUG 2002	10.5	656	96.8	8.5	4505.3
03 SEP 2002	9.9	656	93.9	8.5	4503.6
01 OCT 2002	10.1	667	96.6	8.5	4507.7
04 NOV 2002	10.1	659	94.8	8.4	4508.3
03 DEC 2002	10.4	660	99.0	7.8	4511.0

* 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

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	11.6	778	124.6			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
07 JAN 2002	10.1	652	92.6	8.5		4438.5
05 FEB 2002	10.9	644	93.5	8.5		4452.7
06 MAR 2002	10.7	655	93.9	8.4		4464.9
02 APR 2002	10.8	649	94.5	8.3		4494.5
06 MAY 2002	10.7	645	95.4	8.6		4499.8
03 JUN 2002	10.4	659	92.8	8.6		4502.6
01 JUL 2002	11.1	658	97.2	8.5		4500.5
07 AUG 2002	10.6	649	93.4	8.6		4503.5
03 SEP 2002	10.3	652	94.3	7.7		4502.3
01 OCT 2002	10.7	661	101.7	7.7		4505.0
04 NOV 2002	10.6	650	94.9	8.5		4506.7
03 DEC 2002	10.4	658	96.5	7.5		4507.6

* Values Exceed Upper Control Limit

MW108

Negative U308 Grades Indicate Less Than Detection Limit

COGEMA Mining Inc.

CHRISTENSEN RANCH

PERIMETER ORE ZONE MONITOR WELL

Mine Unit 2
Well I.D. MW109

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	11.6	778	124.6			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
07 JAN 2002	10.2	667	93.3	8.2	4440.6
05 FEB 2002	10.4	661	93.3	8.5	4456.0
06 MAR 2002	10.7	676	94.8	8.3	4465.6
02 APR 2002	10.4	668	93.8	8.2	4494.4
06 MAY 2002	10.8	656	96.3	7.9	4499.4
03 JUN 2002	10.4	671	93.6	8.5	4502.3
01 JUL 2002	10.7	698	95.0	8.3	4500.2
07 AUG 2002	10.6	683	95.6	8.5	4502.4
03 SEP 2002	10.4	689	93.0	7.9	4501.9
01 OCT 2002	10.5	690	94.7	8.0	4504.5
04 NOV 2002	10.7	677	94.1	8.4	4506.9
03 DEC 2002	10.5	682	95.8	7.4	4506.7

* Values Exceed Upper Control Limit

MW109

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 2
Well I.D. MW110

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	11.6	778	124.6			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
07 JAN 2002	10 0	666	95 4	8 3		4443 0
05 FEB 2002	10 2	652	96 0	8 5		4458 3
06 MAR 2002	10 4	656	95 9	8 5		4465 0
02 APR 2002	10 3	648	95 3	8 2		4495 0
06 MAY 2002	10 4	642	93 3	8 4		4497 3
03 JUN 2002	10 7	661	96 9	8 6		4503 2
01 JUL 2002	11 3	661	90 6	8 3		4500 9
07 AUG 2002	11 5	648	91 2	8 7		4503 7
03 SEP 2002	10 3	653	91 2	8 5		4502 9
01 OCT 2002	10 2	653	89 8	8 5		4506 7
04 NOV 2002	10 2	645	88 4	8 5		4509 9
03 DEC 2002	10 1	655	90 5	7 9		4509 4

* 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

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	11.6	778	124.6			

Date

07 JAN 2002	9.9	665	95.3	8.3		4442.5
05 FEB 2002	10.2	657	97.5	8.5		4466.3
06 MAR 2002	10.3	656	97.6	8.5		4467.0
02 APR 2002	10.5	669	103.9	8.3		4494.8
06 MAY 2002	11.0	652	113.7	8.2		4499.6
03 JUN 2002	11.1	662	109.6	8.6		4502.4
01 JUL 2002	11.4	657	96.6	8.4		4500.0
07 AUG 2002	10.4	647	96.9	8.5		4501.7
03 SEP 2002	10.2	649	97.6	8.2		4502.4
01 OCT 2002	10.1	660	101.7	7.9		4506.5
04 NOV 2002	10.4	657	101.4	8.4		4508.8
03 DEC 2002	10.3	654	100.0	7.8		4509.2

* 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

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
14 JAN 2002	10.5	657	97.6	8.8		4499.5
12 FEB 2002	10.4	665	97.2	8.9		
12 MAR 2002	10.5	671	99.1	8.8		4502.6
09 APR 2002	9.9	673	95.2	8.8		4497.4
13 MAY 2002	10.3	679	97.5	8.8		4492.7
11 JUN 2002	10.4	676	98.2	8.9		4492.5
30 JUL 2002	10.1	672	95.8	8.8		4494.4
12 AUG 2002	10.3	660	96.6	8.8		4498.5
09 SEP 2002	10.3	681	97.6	8.9		4498.6
07 OCT 2002	9.8	669	94.3	8.8		4507.5
13 NOV 2002	10.6	657	99.8	8.9		4510.6
10 DEC 2002	10.2	671	99.0	8.6		4511.1

* 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

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
14 JAN 2002	9.7	665	102.4	8.4	4496.7
12 FEB 2002	9.9	675	102.4	8.6	
12 MAR 2002	10.0	674	102.0	8.6	4494.2
09 APR 2002	9.6	677	100.7	8.5	4496.3
13 MAY 2002	9.8	679	107.3	8.4	4489.5
11 JUN 2002	9.9	677	101.9	8.5	4492.4
30 JUL 2002	9.8	676	102.4	8.3	4495.0
13 AUG 2002	9.7	670	100.0	8.6	4498.2
09 SEP 2002	9.9	682	102.8	8.6	4499.4
07 OCT 2002	9.6	676	101.4	8.5	4504.3
13 NOV 2002	10.4	665	107.0	8.5	4507.5
10 DEC 2002	10.0	676	104.0	8.3	4510.2

* 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

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
14 JAN 2002	9.7	658	102.3	8.6		4490.4
12 FEB 2002	10.0	668	105.1	8.8		
12 MAR 2002	9.9	670	102.3	8.8		4492.7
09 APR 2002	10.0	670	102.7	8.8		4497.0
13 MAY 2002	10.0	669	101.6	8.7		4490.9
11 JUN 2002	10.3	667	104.4	8.8		4493.8
30 JUL 2002	9.5	665	97.1	8.7		4495.0
12 AUG 2002	10.0	655	99.2	8.9		4499.2
09 SEP 2002	9.9	671	100.3	8.9		4501.0
07 OCT 2002	9.6	662	96.4	8.8		4504.8
13 NOV 2002	10.2	651	98.1	8.9		4515.2
10 DEC 2002	10.2	656	99.5	8.7		4510.0

* 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

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
08 JAN 2002	10.1	674	100.3	8.6	4502.2
04 FEB 2002	9.3	670	99.2	8.6	4515.6
05 MAR 2002	9.3	657	98.8	8.6	4495.7
03 APR 2002	9.3	668	99.0	8.5	4488.5
14 MAY 2002	9.3	662	102.8	8.5	4466.8
09 JUN 2002	9.8	667	99.7	8.5	
02 JUL 2002	9.7	688	99.9	8.4	4457.8
05 AUG 2002	9.5	686	94.0	8.6	4466.0
04 SEP 2002	9.2	675	98.5	8.6	4498.2
02 OCT 2002	9.4	668	99.6	8.6	4509.6
06 NOV 2002	9.7	658	100.8	8.5	4510.8
04 DEC 2002	9.5	671	101.2	8.1	4513.6

* Values Exceed Upper Control Limit

4MW-1

Negative U308 Grades Indicate Less Than Detection Limit.

COGEMA Mining Inc.

CHRISTENSEN RANCH

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

PERIMETER ORE ZONE MONITOR WELL

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
08 JAN 2002	9.6	670	102.9	8.5		4501.9
04 FEB 2002	9.2	664	102.2	8.6		4512.6
05 MAR 2002	9.5	658	101.5	8.6		4501.9
03 APR 2002	9.2	654	101.7	8.5		4489.9
14 MAY 2002	9.5	665	101.5	8.5		4479.9
09 JUN 2002	9.4	666	99.0	8.6		
02 JUL 2002	9.3	686	102.7	8.5		4464.4
05 AUG 2002	9.3	684	101.2	8.6		4488.7
04 SEP 2002	9.2	672	102.3	8.6		4500.6
02 OCT 2002	9.3	673	104.5	8.6		4511.8
06 NOV 2002	9.6	657	104.5	8.5		4511.7
04 DEC 2002	9.2	668	103.6	8.1		4518.2

* 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

2002

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

Date

08 JAN 2002	10.8	669	97.0	8.7		4498.9
04 FEB 2002	11.8 *	670	95.6	8.8		4512.1
05 MAR 2002	10.8	655	95.5	8.7		4492.3
03 APR 2002	10.2	672	98.2	8.6		4486.0
14 MAY 2002	10.7	665	97.1	8.5		4471.3
09 JUN 2002	11.1	668	97.5	8.5		
02 JUL 2002	12.9 *	688	103.2	8.4		4461.8
05 AUG 2002	9.6	683	97.7	8.6		4476.5
04 SEP 2002	9.9	673	99.0	8.6		4488.7
02 OCT 2002	10.7	670	101.9	8.7		4508.6
06 NOV 2002	11.2 *	662	98.3	8.5		4508.7
04 DEC 2002	11.3 *	672	100.5	8.2		4514.1

* 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

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
08 JAN 2002	9.6	675	108.6	8.5	4503.7
04 FEB 2002	9.4	670	109.4	8.5	4513.8
05 MAR 2002	9.3	667	106.5	8.5	4505.1
03 APR 2002	9.4	667	110.1	8.4	4492.8
14 MAY 2002	9.4	668	102.3	8.5	4478.7
09 JUN 2002	9.4	667	101.6	8.5	
02 JUL 2002	9.0	689	99.4	8.4	4460.7
05 AUG 2002	9.5	687	106.8	8.5	4482.2
04 SEP 2002	9.1	677	105.7	8.5	4501.8
02 OCT 2002	9.2	678	106.4	8.5	4510.4
06 NOV 2002	10.0	664	114.2	8.4	4509.8
04 DEC 2002	9.1	673	105.9	8.1	4517.5

* Values Exceed Upper Control Limit

4MW-4

Negative U3O8 Grades Indicate Less Than Detection Limit

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

2002

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

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

Date

08 JAN 2002	9.7	674	100.5	8.6		4498.1
04 FEB 2002	9.5	671	99.6	8.7		4511.5
05 MAR 2002	9.6	664	100.0	8.6		4494.2
03 APR 2002	9.5	679	101.5	8.5		4485.6
14 MAY 2002	9.5	667	100.2	8.5		4475.0
09 JUN 2002	9.9	671	100.5	8.5		
02 JUL 2002	9.9	702	100.1	8.4		4464.9
05 AUG 2002	9.5	688	99.9	8.6		4478.4
04 SEP 2002	9.3	679	100.7	8.6		4489.3
02 OCT 2002	9.8	668	103.2	8.6		4505.7
06 NOV 2002	9.6	663	101.1	8.5		4504.5
04 DEC 2002	9.5	669	100.6	8.2		4515.1

* Values Exceed Upper Control Limit

4MW-5

Negative U308 Grades Indicate Less Than Detection Limit.

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

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
08 JAN 2002	9.6	659	98.4	8.6		4503.5
04 FEB 2002	9.3	658	99.8	8.7		4514.3
07 MAR 2002	8.2	571	88.4	8.4		4510.2
03 APR 2002	8.7	635	96.9	8.4		4495.9
14 MAY 2002	9.4	667	107.9	8.5		4483.1
09 JUN 2002	9.4	666	104.5	8.6		
02 JUL 2002	9.2	691	103.6	8.4		4464.8
05 AUG 2002	9.1	678	100.4	8.6		4480.2
04 SEP 2002	9.1	670	102.2	8.6		4492.9
02 OCT 2002	9.4	668	104.0	8.6		4502.1
06 NOV 2002	9.4	659	100.3	8.5		4499.2
04 DEC 2002	9.6	658	105.1	8.1		4506.8

* 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

2002

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

Date

08 JAN 2002	93	654	87.1	92		4496.7
04 FEB 2002	92	660	92.2	90		4509.7
05 MAR 2002	93	671	96.5	93		4503.4
03 APR 2002	92	653	95.4	87		4488.6
14 MAY 2002	93	677	97.2	87		4481.7
09 JUN 2002	95	666	99.7	86		
02 JUL 2002	94	669	97.8	87		4472.1
05 AUG 2002	90	655	96.6	86		4486.2
03 SEP 2002	92	666	99.2	86		4498.7
02 OCT 2002	92	657	97.0	88		4508.3
06 NOV 2002	94	654	98.5	89		4506.5
04 DEC 2002	92	667	98.8	82		4515.8

* 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

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
08 JAN 2002	9.3	676	105.5	8.5		4497.0
04 FEB 2002	9.2	672	104.5	8.6		4510.5
05 MAR 2002	9.5	667	106.0	8.6		4505.2
03 APR 2002	9.4	665	106.8	8.4		4489.2
14 MAY 2002	9.2	667	103.3	8.6		4484.2
09 JUN 2002	9.2	670	102.4	8.6		
02 JUL 2002	9.2	685	103.6	8.4		4465.8
05 AUG 2002	10.6	684	105.0	8.5		4488.2
04 SEP 2002	9.6	675	105.2	8.6		4498.9
02 OCT 2002	9.0	674	99.9	8.6		4508.3
06 NOV 2002	9.2	661	104.0	8.5		4502.4
04 DEC 2002	9.4	671	107.9	8.1		4516.3

* Values Exceed Upper Control Limit

4MW-8

Negative U308 Grades Indicate Less Than Detection Limit.

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

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
08 JAN 2002	9.4	671	101.8	8.5	4492.7
04 FEB 2002	9.1	670	100.4	8.6	4506.9
04 MAR 2002	9.6	669	102.2	8.6	4504.8
03 APR 2002	9.5	663	106.0	8.4	4486.1
14 MAY 2002	9.3	675	101.4	8.5	4480.5
09 JUN 2002	9.1	667	98.6	8.5	
02 JUL 2002	9.2	673	99.7	8.4	4474.6
05 AUG 2002	9.2	677	101.7	8.6	4478.7
03 SEP 2002	8.9	668	98.4	8.6	4497.6
01 OCT 2002	9.2	669	101.5	8.5	4506.6
06 NOV 2002	9.2	656	100.7	8.4	4501.6
04 DEC 2002	9.1	669	101.1	8.0	4513.6

* Values Exceed Upper Control Limit

4MW-9

Negative U308 Grades Indicate Less Than Detection Limit

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

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
08 JAN 2002	10.0	672	101.5	8.8		4494.5
04 FEB 2002	9.4	666	97.5	8.8		4509.2
04 MAR 2002	9.9	674	104.2	8.7		4506.0
03 APR 2002	9.3	662	103.2	8.6		4487.9
14 MAY 2002	9.2	674	102.6	8.6		4479.3
09 JUN 2002	9.3	671	102.4	8.6		
02 JUL 2002	8.9	683	99.7	8.5		4463.9
05 AUG 2002	9.2	688	99.7	8.5		4487.4
04 SEP 2002	9.2	679	101.7	8.7		4498.8
02 OCT 2002	9.3	675	104.3	8.7		4505.9
06 NOV 2002	9.0	662	101.0	8.6		4501.4
04 DEC 2002	9.3	677	104.8	8.2		4511.2

* Values Exceed Upper Control Limit

4MW-10

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 4
Well I.D. 4MW-11

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date

08 JAN 2002	9 7	671	96 8	8 5		4487 5
04 FEB 2002	9 6	667	99 1	8 6		4503 9
04 MAR 2002	9 8	665	96 9	8 7		4507 4
03 APR 2002	9 4	665	98 9	8 5		4482 6
14 MAY 2002	9 3	678	98 1	8 5		4479 6
09 JUN 2002	9 8	671	100 0	8 5		
02 JUL 2002	9 6	673	98 5	8 4		4473 3
05 AUG 2002	9 2	674	100 2	8 6		4496 1
03 SEP 2002	9 3	669	98 0	8 6		4495 9
01 OCT 2002	9 8	665	103 0	8 5		4503 9
06 NOV 2002	9 6	656	98 5	8 4		4498 0
04 DEC 2002	9 4	669	98 5	8 0		4511 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

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
08 JAN 2002	9.1	669	104.7	8.5		4490.5
04 FEB 2002	8.7	665	103.7	8.6		4508.0
04 MAR 2002	8.8	672	103.0	8.6		4507.5
03 APR 2002	8.9	657	105.8	8.3		4484.8
14 MAY 2002	8.7	666	103.5	8.5		4484.7
09 JUN 2002	8.8	668	103.0	8.5		
02 JUL 2002	8.4	673	100.5	8.3		4477.6
05 AUG 2002	9.3	683	98.1	8.4		4487.7
04 SEP 2002	8.7	674	103.4	8.6		4500.6
02 OCT 2002	8.7	657	103.9	8.6		4508.4
06 NOV 2002	8.9	659	105.0	8.5		4503.4
04 DEC 2002	8.7	671	100.3	8.2		4520.1

* 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

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
08 JAN 2002	9.7	675	98.9	8.4	4481.9
04 FEB 2002	9.5	673	97.2	8.6	4500.4
04 MAR 2002	9.5	669	95.0	8.6	4495.1
03 APR 2002	9.9	669	99.9	8.3	4472.2
14 MAY 2002	9.4	680	96.3	8.5	4506.5
09 JUN 2002	9.8	668	97.2	8.5	
02 JUL 2002	9.4	672	96.2	8.4	4501.3
05 AUG 2002	9.1	677	97.0	8.5	4517.8
03 SEP 2002	9.7	669	98.5	8.5	4493.9
01 OCT 2002	9.5	668	97.3	8.5	4502.6
06 NOV 2002	9.9	657	99.1	8.4	4495.0
04 DEC 2002	9.7	670	99.6	8.0	4512.1

* Values Exceed Upper Control Limit

4MW-13

Negative U3O8 Grades Indicate Less Than Detection Limit

COGEMA Mining Inc.

CHRISTENSEN RANCH

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

PERIMETER ORE ZONE MONITOR WELL

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
08 JAN 2002	9.1	668	103.9	8.4		4483.1
04 FEB 2002	8.8	665	103.8	8.6		4504.1
04 MAR 2002	9.1	672	104.2	8.6		4505.0
03 APR 2002	9.2	661	105.0	8.4		4479.8
14 MAY 2002	9.3	676	107.8	8.5		4479.4
09 JUN 2002	9.3	666	109.5	8.5		
02 JUL 2002	9.1	671	109.4	8.3		4476.2
05 AUG 2002	9.7	663	108.4	8.5		4484.7
04 SEP 2002	9.0	667	112.2	8.5		4503.2
02 OCT 2002	8.9	651	114.3	8.5		4509.8
06 NOV 2002	9.2	654	115.1	8.4		4508.7
04 DEC 2002	9.0	660	120.5	8.1		4512.3

* Values Exceed Upper Control Limit

4MW-14

Negative U308 Grades Indicate Less Than Detection Limit.

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

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date

08 JAN 2002	10.3	674	101.3	8.3		4474.0
04 FEB 2002	10.4	671	104.0	8.5		4496.0
04 MAR 2002	10.0	668	99.0	8.6		4492.3
03 APR 2002	9.6	662	97.5	8.4		4466.5
14 MAY 2002	9.9	675	97.6	8.6		4499.5
09 JUN 2002	9.9	667	97.4	8.5		
02 JUL 2002	9.9	672	98.2	8.4		4498.3
05 AUG 2002	9.9	681	100.8	8.5		4529.0
03 SEP 2002	10.1	670	102.0	8.5		4493.3
01 OCT 2002	9.9	667	98.1	8.5		4500.8
06 NOV 2002	10.5	656	100.8	8.4		4494.0
04 DEC 2002	9.8	670	99.1	8.0		4510.0

* Values Exceed Upper Control Limit

4MW-15

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 4
Well I.D. 4MW-16

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
08 JAN 2002	9.1	669	105.4	8.4		4476.5
04 FEB 2002	8.9	665	105.8	8.5		4501.1
04 MAR 2002	9.3	675	109.4	8.5		4500.8
03 APR 2002	8.7	658	102.3	8.4		4472.2
14 MAY 2002	9.1	670	104.3	8.5		4471.9
09 JUN 2002	8.9	667	104.0	8.5		
02 JUL 2002	8.7	677	103.7	8.3		4472.0
05 AUG 2002	8.6	665	103.4	8.5		4489.4
04 SEP 2002	8.6	672	102.8	8.5		4505.3
02 OCT 2002	8.9	659	106.4	8.5		4510.0
06 NOV 2002	9.1	660	106.8	8.4		4508.8
04 DEC 2002	8.9	673	105.1	8.1		4523.0

* Values Exceed Upper Control Limit

4MW-16

Negative U3O8 Grades Indicate Less Than Detection Limit

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

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date

08 JAN 2002	9.7	670	96.8	8.4		4465.4
04 FEB 2002	9.7	670	98.6	8.5		4492.0
04 MAR 2002	9.8	665	96.7	8.5		4485.0
03 APR 2002	9.6	662	97.4	8.3		4460.6
14 MAY 2002	9.6	678	96.8	8.4		4472.8
09 JUN 2002	9.9	666	97.5	8.5		
02 JUL 2002	9.6	671	95.8	8.2		4470.9
05 AUG 2002	9.9	679	104.1	8.5		4486.0
03 SEP 2002	9.6	667	98.2	8.4		4494.2
01 OCT 2002	9.5	664	96.5	8.5		4503.3
06 NOV 2002	10.0	657	98.8	8.4		4497.0
04 DEC 2002	9.8	670	100.0	8.0		4514.2

* Values Exceed Upper Control Limit

4MW-17

Negative U308 Grades Indicate Less Than Detection Limit

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

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
08 JAN 2002	9.3	672	98.8	8.4		4461.4
04 FEB 2002	9.4	666	100.9	8.5		4490.0
04 MAR 2002	9.6	675	100.0	8.6		4488.2
03 APR 2002	9.3	660	99.7	8.4		4462.1
14 MAY 2002	9.3	680	98.4	8.4		4478.4
09 JUN 2002	9.5	670	99.3	8.6		
02 JUL 2002	9.2	684	99.8	8.3		4479.8
05 AUG 2002	9.7	679	98.3	8.4		4494.3
04 SEP 2002	9.2	673	98.8	8.5		4504.8
02 OCT 2002	9.3	665	103.1	8.5		4510.4
06 NOV 2002	9.1	663	95.0	8.4		4510.7
04 DEC 2002	9.2	677	100.6	8.1		4521.7

* Values Exceed Upper Control Limit

4MW-18

Negative U3O8 Grades Indicate Less Than Detection Limit

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

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
08 JAN 2002	9.7	674	100.1	8.4		4463.1
04 FEB 2002	9.7	677	104.5	8.5		4470.8
04 MAR 2002	10.4	664	101.9	8.5		4483.6
03 APR 2002	9.8	655	98.2	8.1		4457.6
14 MAY 2002	10.1	677	100.9	8.4		4473.2
09 JUN 2002	10.1	668	98.4	8.5		
02 JUL 2002	9.5	671	94.9	8.3		4472.1
05 AUG 2002	9.6	671	97.7	8.5		4490.8
03 SEP 2002	9.7	667	98.6	8.5		4497.9
01 OCT 2002	9.9	663	100.6	8.5		4503.4
06 NOV 2002	10.1	655	100.3	8.4		4497.4
04 DEC 2002	9.8	668	99.1	8.0		4511.2

* Values Exceed Upper Control Limit

4MW-19

Negative U3O8 Grades Indicate Less Than Detection Limit

COGEMA Mining Inc.

CHRISTENSEN RANCH

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

PERIMETER ORE ZONE MONITOR WELL

2002.

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
08 JAN 2002	9.3	675	100.0	8.6		4479.9
04 FEB 2002	9.2	667	103.1	8.6		4500.5
04 MAR 2002	10.0	674	105.2	8.6		4499.4
03 APR 2002	9.4	668	106.8	8.4		4479.1
14 MAY 2002	9.6	676	99.5	8.5		4491.4
09 JUN 2002	9.8	667	101.7	8.6		
02 JUL 2002	9.1	676	104.3	8.3		4495.8
05 AUG 2002	9.2	671	106.6	8.5		4508.6
03 SEP 2002	9.1	674	107.1	8.5		4509.2
02 OCT 2002	9.7	649	108.5	8.6		4514.9
06 NOV 2002	9.1	666	105.7	8.4		4515.9
04 DEC 2002	8.9	683	107.1	8.0		4524.5

* Values Exceed Upper Control Limit

4MW-20

Negative U3O8 Grades Indicate Less Than Detection Limit

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

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date

08 JAN 2002	9.7	669	100.3	8.4		4462.8
04 FEB 2002	9.6	670	99.7	8.5		4476.7
04 MAR 2002	9.8	664	100.6	8.5		4483.2
03 APR 2002	9.5	656	100.1	8.3		4454.3
14 MAY 2002	9.9	677	101.0	8.4		4473.1
09 JUN 2002	9.7	668	99.1	8.5		
02 JUL 2002	9.5	673	99.0	8.1		4473.4
05 AUG 2002	9.9	663	105.3	8.4		4554.6
03 SEP 2002	9.8	669	102.1	8.4		4504.1
01 OCT 2002	9.5	665	101.0	8.4		4509.5
06 NOV 2002	9.9	658	101.5	8.2		4506.6
04 DEC 2002	9.6	670	101.7	7.9		4518.2

* 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

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
08 JAN 2002	9.7	674	99.7	8.4		4479.3
04 FEB 2002	10.5	674	103.4	8.5		4500.9
04 MAR 2002	11.8	692	107.1	8.5		4499.8
03 APR 2002	11.1	671	104.8	8.3		4474.7
14 MAY 2002	10.8	689	100.1	8.3		4486.0
09 JUN 2002	10.9	680	103.4	8.5		
02 JUL 2002	10.1	682	103.1	8.2		4494.1
05 AUG 2002	9.5	689	103.3	8.4		4500.8
03 SEP 2002	9.3	678	104.5	8.4		4510.3
02 OCT 2002	9.0	672	103.2	8.5		4513.8
06 NOV 2002	9.2	671	104.5	8.4		4515.6
04 DEC 2002	9.3	684	105.7	8.0		4523.0

* Values Exceed Upper Control Limit

4MW-22

Negative U3O8 Grades Indicate Less Than Detection Limit

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

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
08 JAN 2002	9.6	679	102.5	8.3		4469.9
04 FEB 2002	9.5	678	101.6	8.5		4475.4
04 MAR 2002	9.6	676	102.8	8.5		4487.6
03 APR 2002	9.4	665	102.6	8.3		4463.2
14 MAY 2002	9.5	687	102.0	8.3		4476.4
09 JUN 2002	9.3	676	99.1	8.5		
02 JUL 2002	9.5	682	101.1	8.2		4475.6
05 AUG 2002	9.5	670	102.4	8.4		4496.9
03 SEP 2002	9.3	676	102.8	8.4		4513.7
01 OCT 2002	9.8	673	107.5	8.4		4513.7
06 NOV 2002	9.5	666	103.4	8.3		4513.6
04 DEC 2002	9.6	679	104.3	7.9		4522.6

* 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

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
08 JAN 2002	9.6	670	100.0	8.4		4477.3
04 FEB 2002	9.5	674	101.4	8.5		4498.9
04 MAR 2002	9.9	684	102.2	8.5		4497.1
03 APR 2002	9.3	673	102.5	8.3		4485.2
14 MAY 2002	9.3	690	106.2	8.3		4485.0
09 JUN 2002	9.4	679	101.4	8.4		
02 JUL 2002	9.3	677	101.2	8.1		4489.1
05 AUG 2002	9.4	686	101.1	8.4		4510.4
03 SEP 2002	9.3	675	102.3	8.5		4511.4
02 OCT 2002	9.1	681	102.6	8.4		4517.4
06 NOV 2002	9.4	668	103.3	8.4		4518.5
04 DEC 2002	9.4	681	104.7	8.0		4525.6

* Values Exceed Upper Control Limit

4MW-24

Negative U308 Grades Indicate Less Than Detection Limit.

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

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
08 JAN 2002	10.2	667	102.3	8.4	4477.4
04 FEB 2002	9.9	664	101.0	8.5	4497.1
04 MAR 2002	10.4	674	99.6	8.5	4495.4
03 APR 2002	10.0	653	101.3	8.2	4479.1
14 MAY 2002	10.2	669	100.5	8.5	4484.0
09 JUN 2002	9.5	679	103.3	8.5	
02 JUL 2002	9.4	686	102.1	8.1	4487.3
05 AUG 2002	9.8	682	106.7	8.4	4538.0
03 SEP 2002	9.7	680	106.9	8.5	4510.6
02 OCT 2002	9.2	673	104.0	8.5	4516.7
06 NOV 2002	9.5	671	105.3	8.4	4518.1
04 DEC 2002	9.2	684	102.8	8.0	4524.5

* Values Exceed Upper Control Limit

4MW-25

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5
Well I.D. 5MW1

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
22 JAN 2002	8.1	810	99.5	8.4		4569.8
19 FEB 2002	8.3	803	100.9	8.4		4567.0
18 MAR 2002	8.8	828	102.7	8.4		4567.1
15 APR 2002	8.9	799	102.0	8.3		4568.8
22 MAY 2002	8.4	782	102.5	8.3		4560.4
18 JUN 2002	8.5	806	100.3	8.5		4561.4
17 JUL 2002	8.7	795	103.5	8.4		4561.4
21 AUG 2002	8.0	813	100.0	8.3		4545.2
16 SEP 2002	8.3	831	101.6	8.3		4542.9
21 OCT 2002	7.9	869	97.2	8.3		4544.0
18 NOV 2002	8.0	862	99.1	8.3		4546.0
17 DEC 2002	8.4	834	102.4	8.3		4541.5

* Values Exceed Upper Control Limit

5MW1

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5
Well I.D. 5MW2

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
21 JAN 2002	8.1	1225 *	101.9	8.3		4559.1
19 FEB 2002	8.0	1067 *	98.1	8.4		4558.4
19 MAR 2002	8.0	825	100.6	8.5		4559.2
16 APR 2002	8.1	1165 *	100.6	8.2		4559.7
22 MAY 2002	7.6	960	95.4	8.3		4548.8
18 JUN 2002	8.0	1013 *	98.2	8.2		4549.2
16 JUL 2002	8.6	1116 *	99.8	8.4		4533.4
21 AUG 2002	8.7	1013 *	98.1	8.2		4533.2
16 SEP 2002	8.2	1105 *	94.8	8.5		4526.8
21 OCT 2002	8.0	1079 *	99.0	8.3		4528.5
18 NOV 2002	8.0	1202 *	105.5	8.1		4522.9
16 DEC 2002	8.2	1159 *	107.4	8.1		4525.7

* 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

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
22 JAN 2002	8.5	738	104.7	8.3	4569.4
19 FEB 2002	8.4	747	102.9	8.4	4571.9
18 MAR 2002	8.4	761	103.1	8.3	4572.4
15 APR 2002	8.8	747	102.0	8.3	4568.3
22 MAY 2002	8.5	742	105.1	8.2	4565.2
18 JUN 2002	8.5	743	104.0	8.3	4560.7
17 JUL 2002	8.4	758	101.3	8.3	4552.5
21 AUG 2002	8.2	760	102.0	8.3	4546.4
16 SEP 2002	8.4	773	101.2	8.3	4547.6
21 OCT 2002	8.3	765	102.0	8.3	4549.5
19 NOV 2002	8.1	761	98.9	8.1	4546.3
17 DEC 2002	8.4	758	104.5	8.3	4540.5

* 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

2002

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

Date

21 JAN 2002	8.8	755	109.4	8.5		4563.8
19 FEB 2002	9.0	808	109.6	8.5		4562.8
19 MAR 2002	8.9	753	108.3	8.5		4563.3
16 APR 2002	8.9	889	107.6	8.3		4564.8
22 MAY 2002	8.9	762	107.9	8.4		4554.9
18 JUN 2002	9.4	764	111.8	8.2		4557.1
16 JUL 2002	9.9	811	113.2	8.5		4553.8
21 AUG 2002	9.9	775	113.9	8.4		4542.4
16 SEP 2002	10.4	779	117.6	8.3		4534.9
21 OCT 2002	10.3	791	116.1	8.4		4536.4
18 NOV 2002	10.2	792	116.2	8.4		4527.9
16 DEC 2002	10.6	796	117.3	8.3		4535.8

* Values Exceed Upper Control Limit

5MW4

Negative U3O8 Grades Indicate Less Than Detection Limit

COGEMA Mining Inc.

CHRISTENSEN RANCH

PERIMETER ORE ZONE MONITOR WELL

Mine Unit 5
Well I.D. 5MW5

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
22 JAN 2002	8.1	772	102.2	8.4	4566.1
19 FEB 2002	8.3	768	102.8	8.4	4563.9
18 MAR 2002	8.1	784	101.3	8.4	4564.0
15 APR 2002	8.7	747	104.0	8.5	4565.1
22 MAY 2002	8.4	777	104.6	8.2	4555.1
18 JUN 2002	7.6	852	94.1	8.3	4543.6
17 JUL 2002	7.8	871	96.3	8.3	4530.3
21 AUG 2002	7.2	884	93.0	8.2	4542.2
16 SEP 2002	7.2	880	91.1	8.2	4543.9
21 OCT 2002	7.2	884	91.5	8.3	4545.2
19 NOV 2002	7.2	861	91.3	8.1	4542.6
17 DEC 2002	8.1	780	103.6	8.3	4536.8

* Values Exceed Upper Control Limit

5MW5

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5
Well I.D. 5MW6

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
21 JAN 2002	8.9	801	112.2	8.5	4553.8
19 FEB 2002	9.4	811	116.7	8.5	4562.8
19 MAR 2002	9.7	773	117.2	8.6	4565.4
16 APR 2002	9.3	755	113.0	8.4	4564.8
22 MAY 2002	8.8	829	109.1	8.3	4556.0
18 JUN 2002	9.5	840	108.8	8.4	4556.3
16 JUL 2002	9.8	812	113.3	8.6	4557.1
20 AUG 2002	9.9	828	112.5	8.4	4538.0
16 SEP 2002	9.6	858	111.8	8.3	4538.6
21 OCT 2002	9.4	836	116.1	8.4	4539.5
18 NOV 2002	9.1	731	113.6	8.4	4537.8
16 DEC 2002	11.6	1006	108.5	8.3	4533.6

* Values Exceed Upper Control Limit

5MW6

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW7

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
22 JAN 2002	7.5	837	95.1	8.6	4563.6
19 FEB 2002	7.9	836	99.1	8.6	4560.7
18 MAR 2002	7.7	846	96.5	8.6	4561.4
15 APR 2002	7.9	819	95.9	8.6	4563.9
22 MAY 2002	7.7	825	94.3	8.4	4503.8
18 JUN 2002	7.7	855	94.7	8.3	4511.1
17 JUL 2002	7.3	882	92.2	8.4	4504.3
21 AUG 2002	7.2	890	93.5	8.3	4540.0
16 SEP 2002	7.5	902	96.2	8.2	4544.5
21 OCT 2002	7.5	906	96.9	8.3	4545.9
19 NOV 2002	7.8	880	97.2	8.2	4544.0
17 DEC 2002	7.9	851	97.9	8.3	4536.2

* Values Exceed Upper Control Limit

5MW7

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW8

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	23	1423	122.5			

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
21 JAN 2002	9.3	945	123.1 *	8.3		4569.3
19 FEB 2002	9.3	963	121.9	8.3		4562.7
19 MAR 2002	9.2	1172	124.2 *	8.2		4563.6
16 APR 2002	9.4	860	120.7	8.4		4565.1
22 MAY 2002	9.3	981	123.7 *	8.2		4552.9
18 JUN 2002	11.7	878	136.2 *	8.4		4555.3
16 JUL 2002	12.1	848	134.9 *	8.3		4566.1
21 AUG 2002	12.0	752	126.6 *	8.2		4544.7
16 SEP 2002	12.9	772	122.9 *	8.2		4547.4
21 OCT 2002	14.4	808	135.9 *	8.2		4549.8
18 NOV 2002	21.5	930	183.7 *	7.9		4546.2
16 DEC 2002	43.8 *	1744 *	490.4 *	7.5		4534.2
17 DEC 2002	43.8 *	1745 *	491.2 *	7.3		4534.2
23 DEC 2002	47.4 *	1717 *	477.4 *	7.7		4532.1
30 DEC 2002	48.2 *	1746 *	483.0 *	7.6		4533.2

* 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

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
21 JAN 2002	8.9	728	110.3	8.6		4563.0
19 FEB 2002	9.6	741	116.4	8.6		4562.5
19 MAR 2002	9.5	771	115.8	8.5		4562.4
16 APR 2002	11.1	775	133.9	8.4		4564.5
22 MAY 2002	10.1	747	128.4	8.3		4552.9
18 JUN 2002	11.1	784	131.5	8.3		4557.9
16 JUL 2002	12.6	826	143.5	8.4		4561.6
21 AUG 2002	13.5	817	150.8	8.4		4539.0
16 SEP 2002	14.0	836	163.1	8.0		4544.4
21 OCT 2002	14.8	860	174.3	8.1		4545.7
18 NOV 2002	16.0	896	187.8	8.0		4543.0
16 DEC 2002	13.0	816	153.8	8.4		4533.1

* Values Exceed Upper Control Limit

5MW10

Negative U3O8 Grades Indicate Less Than Detection Limit

Mine Unit 5
Well I.D. 5MW12

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	mg/l	μ mho/cm	mg/l as CaCO ₃		mg/l	msl
Upper Control Limit	22.8	1725	145.4			

Date

21 JAN 2002	8.6	897	112.9	8.3		4561.3
19 FEB 2002	8.8	912	112.9	8.3		4554.5
19 MAR 2002	8.7	992	116.1	8.2		4555.0
16 APR 2002	8.9	971	118.3	8.3		4558.7
22 MAY 2002	9.4	1087	132.9	8.0		4548.0
18 JUN 2002	8.9	1040	122.1	8.2		4558.6
16 JUL 2002	8.8	871	110.4	8.4		4542.5
21 AUG 2002	8.6	823	107.8	8.3		4533.1
16 SEP 2002	9.3	970	124.7	8.1		4528.3
21 OCT 2002	9.0	940	122.2	8.2		4529.8
18 NOV 2002	9.8	875	117.4	8.0		4534.1
16 DEC 2002	8.9	996	124.0	8.1		4528.0

* 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

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
21 JAN 2002	89	684	112.2	8.5		4557.0
19 FEB 2002	92	688	115.3	8.5		4556.6
19 MAR 2002	91	689	113.9	8.5		4560.1
16 APR 2002	90	688	112.9	8.5		4557.8
22 MAY 2002	85	688	107.1	8.4		4551.4
18 JUN 2002	92	696	112.5	8.5		4567.0
16 JUL 2002	89	711	110.1	8.6		4563.6
21 AUG 2002	92	684	113.6	8.5		4532.8
16 SEP 2002	94	688	115.7	8.5		4538.0
21 OCT 2002	92	683	116.5	8.5		4537.2
18 NOV 2002	91	684	112.6	8.4		4533.3
16 DEC 2002	92	699	113.6	8.4		4529.8

* Values Exceed Upper Control Limit

5MW14

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW16

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
21 JAN 2002	8.7	736	109.7	8.5	4553.7
19 FEB 2002	8.6	743	106.2	8.5	4552.4
19 MAR 2002	8.6	754	106.8	8.4	4552.7
16 APR 2002	8.4	733	105.9	8.5	4557.6
22 MAY 2002	8.6	720	107.8	8.4	4545.0
18 JUN 2002	8.8	761	105.6	8.4	4548.9
16 JUL 2002	8.6	799	106.9	8.5	4546.0
21 AUG 2002	8.2	793	105.4	8.4	4530.4
16 SEP 2002	8.3	790	102.6	8.3	4534.0
21 OCT 2002	8.0	801	100.7	8.4	4534.4
18 NOV 2002	8.2	790	103.1	8.3	4531.3
17 DEC 2002	8.1	783	102.9	8.3	4529.4

* Values Exceed Upper Control Limit

5MW16

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5
Well I.D. 5MW18

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
21 JAN 2002	7.6	833	100.2	8.4		4554.5
19 FEB 2002	7.9	837	99.7	8.4		4553.2
18 MAR 2002	7.7	856	98.8	8.4		4553.9
16 APR 2002	7.5	829	98.1	8.4		4555.5
22 MAY 2002	8.4	792	107.8	8.3		4546.3
18 JUN 2002	9.5	853	107.5	8.3		4554.7
16 JUL 2002	7.8	857	99.2	8.5		4549.3
21 AUG 2002	7.3	852	97.3	8.3		4531.1
16 SEP 2002	7.6	848	97.9	8.3		4539.9
21 OCT 2002	7.5	855	97.6	8.3		4540.8
18 NOV 2002	7.6	846	98.2	8.2		4535.6
17 DEC 2002	8.5	779	106.0	8.3		4531.5

* 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

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
22 JAN 2002	73	847	973	8.6	4561.9
19 FEB 2002	77	847	981	8.6	4559.6
18 MAR 2002	78	861	997	8.5	4561.1
15 APR 2002	77	835	964	8.6	4559.8
22 MAY 2002	84	774	1010	8.3	4552.6
18 JUN 2002	167	897	1329	8.3	4558.3
17 JUL 2002	241	1005	1519	8.2	4537.4
18 JUL 2002	77	832	934	8.3	4537.4
18 JUL 2002	137	928	1138	8.2	4537.4
21 AUG 2002	68	946	927	8.4	4527.3
16 SEP 2002	71	898	840	8.6	4540.3
21 OCT 2002	70	941	873	8.4	4539.4
19 NOV 2002	73	879	882	8.5	4536.9
17 DEC 2002	80	849	1027	8.3	4533.9

* Values Exceed Upper Control Limit

5MW20

Negative U3O8 Grades Indicate Less Than Detection Limit

COGEMA Mining Inc.

CHRISTENSEN RANCH

Mine Unit 5
Well I.D. 5MW30A

PERIMETER ORE ZONE MONITOR WELL

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
22 JAN 2002	8.1	670	110.9	8.6	4549.1
18 FEB 2002	8.3	673	108.5	8.6	4549.1
20 MAR 2002	8.5	655	108.8	8.6	4553.4
15 APR 2002	8.5	667	111.1	8.7	4544.2
20 MAY 2002	8.9	675	112.8	8.6	4546.0
17 JUN 2002	8.4	679	107.2	8.6	4542.9
17 JUL 2002	8.6	661	104.6	8.7	4529.7
19 AUG 2002	8.5	670	107.9	8.7	4529.0
17 SEP 2002	8.5	649	98.5	8.8	4520.5
22 OCT 2002	9.0	658	100.1	8.6	4522.0
19 NOV 2002	8.5	655	103.3	8.6	4525.1
16 DEC 2002	8.4	652	101.8	8.6	4525.7

* Values Exceed Upper Control Limit

5MW30A

Negative U308 Grades Indicate Less Than Detection Limit.

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

Mine Unit 5
 Well I.D. 5MW31

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
22 JAN 2002	8.7	658	109.2	8.7		4550.7
18 FEB 2002	8.5	668	109.4	8.5		4550.9
20 MAR 2002	9.0	660	109.4	8.6		4550.9
15 APR 2002	8.9	650	109.4	8.7		4548.1
20 MAY 2002	9.0	672	109.2	8.5		4544.1
17 JUN 2002	8.5	668	106.6	8.6		4546.1
17 JUL 2002	9.0	642	105.7	8.7		4538.3
19 AUG 2002	8.6	655	109.1	8.7		4531.5
17 SEP 2002	8.7	636	107.3	8.7		4526.7
22 OCT 2002	9.0	654	111.7	8.7		4527.9
19 NOV 2002	8.9	647	109.7	8.5		4528.6
16 DEC 2002	9.0	635	109.5	8.6		4527.4

* 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

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
22 JAN 2002	8.4	671	111.4	8.7		4552.1
18 FEB 2002	8.4	676	111.4	8.5		4547.7
20 MAR 2002	8.9	665	110.6	8.6		4549.7
15 APR 2002	8.6	672	112.6	8.7		4539.4
20 MAY 2002	8.6	678	111.7	8.6		4535.2
17 JUN 2002	8.3	679	110.7	8.6		4539.4
15 JUL 2002	9.5	698	110.1	8.7		4528.1
19 AUG 2002	9.0	676	111.1	8.7		4528.2
17 SEP 2002	8.5	673	107.8	8.6		4524.0
22 OCT 2002	8.3	671	108.2	8.6		4525.3
19 NOV 2002	8.5	664	107.6	8.6		4523.3
16 DEC 2002	8.7	660	107.3	8.7		4524.2

* Values Exceed Upper Control Limit

5MW32A

Negative U3O8 Grades Indicate Less Than Detection Limit

COGEMA Mining Inc.

CHRISTENSEN RANCH

PERIMETER ORE ZONE MONITOR WELL

2002

Mine Unit 5
Well I.D. 5MW33

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
22 JAN 2002	8.7	667	108.9	8.5		4550.9
18 FEB 2002	8.5	672	105.5	8.5		4550.2
20 MAR 2002	8.9	654	105.4	8.6		4552.6
15 APR 2002	8.8	665	109.6	8.5		4367.7
20 MAY 2002	8.4	672	104.3	8.5		4549.1
17 JUN 2002	8.6	676	106.3	8.5		4549.7
17 JUL 2002	8.9	665	106.6	8.6		4535.8
19 AUG 2002	8.6	673	107.7	8.6		4534.8
17 SEP 2002	8.7	666	108.5	8.5		4523.2
22 OCT 2002	8.3	677	101.8	8.6		4524.6
19 NOV 2002	8.9	665	109.1	8.4		4529.7
16 DEC 2002	8.6	667	105.2	8.4		4530.5

* 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

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
22 JAN 2002	8.9	664	110.4	8.6		4549.0
18 FEB 2002	8.4	677	110.8	8.5		4548.5
20 MAR 2002	8.7	660	110.1	8.6		4551.3
15 APR 2002	8.4	671	110.9	8.5		4540.0
20 MAY 2002	8.5	681	110.6	8.5		4546.6
17 JUN 2002	8.4	681	109.5	8.5		4540.0
15 JUL 2002	8.6	693	111.0	8.6		4528.3
19 AUG 2002	8.8	708	113.3	8.5		4528.1
17 SEP 2002	8.3	676	110.2	8.5		4523.2
22 OCT 2002	8.8	673	115.0	8.4		4524.7
19 NOV 2002	8.5	671	111.2	8.3		4523.0
16 DEC 2002	8.5	671	112.3	8.4		4523.1

* 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

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
22 JAN 2002	8.4	667	106.1	8.7		4556.4
18 FEB 2002	8.7	672	108.4	8.6		4555.9
20 MAR 2002	9.0	655	110.6	8.6		4556.2
15 APR 2002	8.6	665	107.7	8.8		4553.1
20 MAY 2002	8.9	672	110.5	8.6		4549.8
17 JUN 2002	8.4	675	105.8	8.6		4553.1
17 JUL 2002	8.9	667	107.8	8.7		4542.5
19 AUG 2002	8.7	674	111.5	8.7		4546.3
17 SEP 2002	9.2	667	113.8	8.6		4531.6
22 OCT 2002	8.5	678	106.8	8.6		4532.8
19 NOV 2002	8.7	667	109.1	8.4		4537.1
16 DEC 2002	8.7	668	109.2	8.5		4529.5

* 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

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
22 JAN 2002	83	673	109.6	8.6	4550.5
18 FEB 2002	87	676	113.8	8.6	4550.2
20 MAR 2002	84	661	109.7	8.6	4553.3
15 APR 2002	84	673	111.5	8.6	4547.1
20 MAY 2002	84	681	110.5	8.5	4547.5
17 JUN 2002	83	681	109.5	8.6	4547.2
15 JUL 2002	88	690	113.4	8.7	4528.4
19 AUG 2002	88	689	111.0	8.9	4529.0
17 SEP 2002	83	677	110.4	8.6	4522.8
22 OCT 2002	83	673	110.1	8.5	4523.9
19 NOV 2002	88	668	112.4	8.4	4523.9
16 DEC 2002	83	669	110.7	8.7	4523.2

* 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

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
22 JAN 2002	8.6	640	118.7	8.8		4559.8
18 FEB 2002	8.7	650	112.7	8.6		4556.6
20 MAR 2002	8.8	641	115.0	8.7		4559.5
15 APR 2002	8.8	646	115.5	8.6		4556.3
20 MAY 2002	8.5	665	110.4	8.6		4552.6
17 JUN 2002	8.7	650	115.0	8.7		4556.3
17 JUL 2002	8.6	646	112.4	8.7		4540.7
19 AUG 2002	8.1	650	112.0	8.7		4538.2
17 SEP 2002	8.8	658	115.5	8.6		4533.1
22 OCT 2002	7.9	665	105.9	8.7		4533.8
19 NOV 2002	8.5	655	112.3	8.5		4529.9
16 DEC 2002	8.6	656	114.4	8.5		4530.7

* Values Exceed Upper Control Limit

5MW37

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW38

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
22 JAN 2002	8.5	684	117.5	8.5		4552.4
18 FEB 2002	8.6	690	118.2	8.4		4551.7
20 MAR 2002	8.7	674	118.6	8.5		4555.4
15 APR 2002	8.5	686	119.1	8.5		4549.2
20 MAY 2002	9.1	699	125.8	8.4		4548.5
17 JUN 2002	8.8	700	122.4	8.4		4549.2
15 JUL 2002	8.5	708	120.5	8.5		4528.6
19 AUG 2002	8.6	710	119.5	8.6		4528.8
17 SEP 2002	8.1	694	114.8	8.5		4522.9
22 OCT 2002	8.5	687	118.2	8.3		4522.3
19 NOV 2002	8.5	681	116.6	8.3		4521.2
16 DEC 2002	8.6	683	116.2	8.3		4521.0

* Values Exceed Upper Control Limit

5MW38

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW39A

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date

22 JAN 2002	8.3	668	112.8	8.6		4577.5
18 FEB 2002	8.3	674	112.0	8.5		4559.9
20 MAR 2002	8.5	661	113.4	8.6		4562.5
15 APR 2002	8.4	672	114.1	8.6		4560.7
20 MAY 2002	8.4	675	112.3	8.5		4557.4
17 JUN 2002	8.5	679	112.4	8.5		4559.9
15 JUL 2002	8.4	670	113.3	8.6		4549.2
19 AUG 2002	8.8	675	120.5	8.6		4538.2
17 SEP 2002	8.5	667	116.4	8.5		4530.8
22 OCT 2002	8.5	677	119.8	8.6		4531.4
20 NOV 2002	8.7	660	128.8	8.5		4527.8
16 DEC 2002	8.5	669	130.3	8.4		4527.8

* Values Exceed Upper Control Limit

5MW39A

Negative U3O8 Grades Indicate Less Than Detection Limit

COGEMA Mining Inc.

CHRISTENSEN RANCH

Mine Unit 5
Well I.D. 5MW40

PERIMETER ORE ZONE MONITOR WELL

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
22 JAN 2002	88	666	111.8	8.6	4553.1
18 FEB 2002	88	669	109.9	8.6	4552.3
20 MAR 2002	90	657	111.2	8.6	4556.7
15 APR 2002	90	665	113.5	8.6	4550.5
20 MAY 2002	90	675	111.6	8.5	4548.8
17 JUN 2002	89	673	112.1	8.6	4549.5
15 JUL 2002	91	677	107.9	8.7	4527.4
19 AUG 2002	93	675	104.4	8.8	4527.7
17 SEP 2002	87	660	103.2	8.7	4519.8
22 OCT 2002	92	665	110.2	8.6	4520.5
19 NOV 2002	91	661	110.0	8.5	4519.8
16 DEC 2002	89	663	110.2	8.6	4518.9

* Values Exceed Upper Control Limit

5MW40

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW41A

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
22 JAN 2002	8.7	671	115.7	8.5	4564.4
18 FEB 2002	8.4	678	111.6	8.5	4564.0
20 MAR 2002	8.5	660	109.5	8.5	4566.0
15 APR 2002	8.7	673	112.8	8.5	4564.8
20 MAY 2002	8.4	675	109.6	8.4	4562.1
17 JUN 2002	8.4	681	109.0	8.4	4549.7
15 JUL 2002	8.8	685	113.4	8.6	4546.3
19 AUG 2002	8.8	688	115.3	8.5	4541.1
17 SEP 2002	8.4	674	113.6	8.5	4533.6
22 OCT 2002	8.2	682	112.5	8.6	4533.4
20 NOV 2002	8.1	669	110.8	8.5	4528.1
16 DEC 2002	8.4	672	114.0	8.4	4501.3

* Values Exceed Upper Control Limit

5MW41A

Negative U308 Grades Indicate Less Than Detection Limit

Mine Unit 5
Well I.D. 5MW42

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
22 JAN 2002	8 8	674	118 2	8 6	4555 3
18 FEB 2002	8 6	680	113 1	8 5	4553 8
20 MAR 2002	8 7	666	114 9	8 5	4559 7
15 APR 2002	8 6	678	113 7	8 6	4554 8
20 MAY 2002	8 9	687	115 4	8 5	4550 8
17 JUN 2002	8 6	682	113 7	8 5	4558 6
15 JUL 2002	9 2	697	114 0	8 6	4522 5
19 AUG 2002	8 9	702	112 7	8 5	4526 8
17 SEP 2002	8 8	677	111 4	8 5	4516 6
22 OCT 2002	8 8	670	111 1	8 6	4516 7
19 NOV 2002	9 1	661	111 8	8 6	4517 3
16 DEC 2002	9 1	663	113 5	8 5	4516 7

* Values Exceed Upper Control Limit

5MW42

Negative U3O8 Grades Indicate Less Than Detection Limit

Mine Unit 5
Well I.D. 5MW43

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Piezometric Elevation
22 JAN 2002	8.2	680	115.7	9.0	4567.2
18 FEB 2002	8.4	684	115.4	8.7	4566.6
20 MAR 2002	8.8	679	118.0	9.0	4568.8
15 APR 2002	8.4	680	114.4	8.9	4567.7
20 MAY 2002	8.5	684	114.1	8.7	4563.3
17 JUN 2002	8.5	686	114.4	8.5	4567.7
15 JUL 2002	8.5	688	114.0	8.8	4547.4
19 AUG 2002	8.5	689	113.7	8.5	4540.7
17 SEP 2002	8.5	681	116.1	8.6	4535.3
22 OCT 2002	8.2	684	113.2	8.7	4532.4
20 NOV 2002	8.1	676	112.8	8.7	4528.0
16 DEC 2002	8.4	676	115.7	8.7	4530.6

* Values Exceed Upper Control Limit

5MW43

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW44

COGEMA Mining Inc.
CHRISTENSEN RANCH
PERIMETER ORE ZONE MONITOR WELL

2002

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

Date	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
22 JAN 2002	8.8	659	108.0	8.7		4556.7
18 FEB 2002	8.7	668	106.3	8.6		4555.6
20 MAR 2002	9.9	654	110.2	8.7		4568.8
15 APR 2002	8.8	666	108.0	8.6		4556.2
20 MAY 2002	9.2	675	110.0	8.6		4552.4
17 JUN 2002	8.9	672	108.8	8.9		4548.1
15 JUL 2002	9.5	687	110.7	8.7		4523.2
19 AUG 2002	9.0	688	107.9	8.7		4527.3
17 SEP 2002	8.6	670	107.3	8.7		4516.0
22 OCT 2002	9.1	665	111.2	8.7		4515.5
19 NOV 2002	9.1	659	109.6	8.6		4515.6
16 DEC 2002	9.0	660	109.1	8.6		4514.4

* Values Exceed Upper Control Limit

5MW44

Negative U308 Grades Indicate Less Than Detection Limit.