



February 26, 2007

**LICENSE SUA-1341
DOCKET NO. 40-8502**

U. S. Nuclear Regulatory Commission
Mr. Keith I. McConnell, Deputy Director
Decommissioning and Uranium Recovery
Licensing Directorate
Division of Waste Management & Environmental Protection
Office of Federal & State Materials &
Environmental Management Programs
Mail Stop T7-E18
11545 Rockville Pike
Rockville, MD 20852-2738

RE: Submittal of the 2006 Annual Effluent and Monitoring Report

Dear Mr. McConnell:

Pursuant to License Sections 12.1 And 12.6, two copies are enclosed of COGEMA Mining Inc.'s *2006 Annual Effluent and Monitoring Report*. Note that the report also serves as the *Semi-Annual Monitoring Report* to the Wyoming Department of Environmental Quality for the second half of 2006.

Please contact me if you have any questions regarding this report.

Sincerely,

Larry Arbogast
Radiation Safety Officer

cc: D. Blair Spitzberg - NRC, Region IV
Don McKenzie - WDEQ, Sheridan WY.
T. Hardgrove - COGEMA

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February 26, 2007

PERMIT TO MINE NO. 478

Mr. Don McKenzie, District III Supervisor
Department of Environmental Quality
Land Quality Division
1866 S. Sheridan Ave.
Sheridan, Wyoming 82801

Subject: Submittal of the Semi-Annual Monitoring Report (Second Half of 2006)

Dear Mr. McKenzie:

Pursuant to Section 5.10.1.1 of the 1996 License Renewal Application, two copies are enclosed of COGEMA Mining Inc.'s *Semi-Annual Monitoring Report*, for the second half of 2006. This report also serves as the *2006 Annual Effluent and Monitoring Report* to the United States Nuclear Regulatory Commission.

Please contact me if you have any questions regarding this report.

Sincerely,

Larry Arbogast
Radiation Safety Officer

cc: Keith McConnell - NRC Headquarters
Branch Chief - NRC, Region IV
T. Hardgrove - COGEMA

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COGEMA Mining, Inc.

IRIGARAY and CHRISTENSEN RANCH PROJECTS

2006 ANNUAL EFFLUENT AND MONITORING REPORT

January 1 through December 31, 2006

NRC Source Material License No. SUA-1341

Docket No. 40-8502

and

SEMI-ANNUAL MONITORING REPORT

July 1 through December 31, 2006

WDEQ Permit To Mine No. 478

February 2007

Cogema Mining Inc. Irigaray and Christensen Ranch Projects

2006 ANNUAL EFFLUENT AND MONITORING REPORT (NRC) and SEMI-ANNUAL MONITORING REPORT (WDEQ)

1.0 INTRODUCTION

In accordance with Sections 12.1 and 12.6 of the Nuclear Regulatory Commission (NRC) Source License No. SUA-1341, COGEMA Mining Inc. (COGEMA) hereby submits the 2006 Annual Effluent and Monitoring Report. This document summarizes the required operational and environmental monitoring conducted at the Irigaray (IR) and Christensen Ranch (CR) projects from January 1 through December 31, 2006.

The analytical data from the monitor wells for the period of July 1 through December 31, 2006 included in this document is also a requirement by the Wyoming Department of Environmental Quality (WDEQ), Permit to Mine No. 478. However, for the sake of continuity, the entire year's data is provided.

2.0 OPERATIONAL SUMMARIES

2.1 Irigaray (IR) Project

2.1.1 Groundwater Restoration

A report was submitted to the WDEQ on July 26, 2004 to request restoration approval of all nine Production Units (PU) at the IR project. By letter dated November 1, 2005, the Land Quality Division of WDEQ approved the restoration of Production Units 1 through 9. In summary, the state agreed that the groundwater had been returned to its pre-mining class of use, and that the groundwater conditions do not significantly differ from the background water quality. Permission was given to begin plugging and abandoning wells. The NRC approval was received by letter dated September 20, 2006.

2.1.2 Operational Activities

Decommissioning activities at Irigaray during 2006 included the following:

- Wellfield surface facilities: surface wellfield piping and electrical lines have been removed in Production Units 1 - 5. Removal of buried piping and electrical lines in Unit 6, and removal of wellfield buildings and foundations in units 5 through 9 were completed.
- Four hundred two (402) wells were plugged and abandoned by the approved WDEQ method.
- Equipment within the older portion (un-used) of the Irigaray plant was removed, decontaminated or sent to Shirley Basin for disposal.
- Equipment storage areas were cleaned, with much of the materials disposed of at the Shirley Basin tailings facility.
- Pond D was decommissioned; sludge, liner and any soil contaminants were removed.

Other activities included:

- The wellfields and plant area were sprayed for weed control during July and August 2006, using a formulated mixture of Amine, Tordon and Marker Dye (recommended by Johnson/Campbell County Weed & Pest Control). Approximately 5 gallons of product was applied to 10 acres of surface. The primary plants targeted by this effort included Canadian Thistle, Scotch Thistle, Cocklebur, Milk Vetch and Tamarack bush.

When no work is ongoing at the IR site, the facilities are secured with door locks and locking gates at all outer perimeter access points. The Christensen staff conducts security checks daily. A General Location Map showing the layout of the IR project site is provided in Appendix 5 of this report.

2.2 Christensen Ranch Project

Mining activities ceased at CR in June 2000. Only groundwater restoration, project decommissioning and related activities have since been conducted.

2.2.1 Groundwater Restoration

Groundwater restoration continued at Christensen in the last wellfield to be restored, Mine Unit 6, through the end of May 2005. At this time all restoration activity ceased and the stabilization monitoring period commenced. A summary of the wellfields is provided below.

- Mine Unit 2
Restoration in MU2 was completed in March 2004. The restoration stabilization phase began in April 2004, with the final round of stabilization phase sampling completed in January 2005.
- Mine Unit 3
Restoration was completed in all modules of MU 3 on September 30, 2004 and the unit entered the stabilization monitoring phase on October 1, 2004. The final round of stabilization phase sampling was completed in July 2005.
- Mine Unit 4
Restoration was completed in MU4 in March 2003. The unit entered its restoration stabilization phase in early April 2004. The final round of stabilization sampling was completed in January 2005.
- Mine Unit 6
Reverse osmosis treatment was completed In April 2005. H2S injection commenced shortly thereafter for treatment of selenium hot spots, and continued through May 30, 2005 at which time all operations ceased. The stabilization phase sampling was started in June 2005 and finished in March 2006.

2.2.2 Operational Activities

- As with IR, weed control at CR was ongoing during July and August 2006. Approximately 10 acres of wellfield and plant surface were sprayed with the mixture recommended by the Johnson/Campbell County Weed & Pest Control Office. A total of 5 gallons of product was utilized in this activity.
- Sampling of monitor wells in Mine Units 2 through 6 continued, as discussed in Section 3 of this report.

A General Location Map showing the layout of the CR project site is provided in Appendix 5 of this report.

3.0 OPERATIONAL MONITORING

3.1 Groundwater Volumes Injected and Recovered

No injection or recovery of ground water was done during 2006.

3.2 Injection Manifold Pressures

Injection manifold pressures at the CR project are limited to 140 psi during wellfield operations and 168 psi during maintenance tasks, as per License condition 11.1. Condition 11.1 requires that the injection manifold pressures be recorded daily. COGEMA uses continuous chart recorders on the injection manifolds, which record pressure 24 hours per day. The results are tabulated in graphical format and retained as permanent record at the CR offices. There are no injection records for 2006.

3.3 Waste Water Control

3.3.1 Evaporation Ponds

Weekly inspections are conducted on all active evaporation ponds at the IR site, and the four evaporation ponds and one permeate pond at CR. During 2006 no freeboard limits were exceeded, and no leaks were detected.

Sampling of all operative ponds is conducted on a quarterly basis and the sample analytical data are provided in Table 1 of Appendix 1.

3.3.2 Disposal Wells

Two Class I injection wells are located at CR and are licensed under the WDEQ Underground Injection Control Permit Number UIC 00-340. During 2006 a total of (0) gallons of restoration brine was injected into disposal well Cogema DW No. 1, and (0) gallons were injected into disposal well Christensen No. 18-3. Required quarterly reports were submitted to the WDEQ.

As required by UIC Permit 00-340 section I, paragraph 4, "*COGEMA shall shut one of the wells covered by this permit in annually for a period of time long enough to observe a valid pressure falloff curve. Each year, a well which was not tested in the previous year shall be tested, until all wells are tested in sequence.*" To comply with this regulation, COGEMA Christensen 18-3 was tested on September 8, 2006 by Petrotek Engineering of Littleton, Colorado. Petrotek performed a static bottom hole pressure survey, which indicated no concerns regarding the reservoir properties of Christensen 18-3.

3.4 Well Integrity Testing

Well mechanical integrity testing (MIT) results are reported to the WDEQ by phone quarterly and in a written report semi-annually. A list of 2006 (MIT) results are given in Table 4. A total of one hundred ninety (190) wells were tested during 2006, with three (3) wells failing the test.

3.5 Chemical Inventory

A small amount of hydrochloric acid was stored at both the IR and CR sites during 2006. The acid is used for decontamination purposes. Other on site chemicals include liquid propane gas for heating, diesel fuel, and gasoline fuel.

4.0 ENVIRONMENTAL MONITORING

The environmental monitoring locations are given on the Environmental Monitoring Station Locations Map in Appendix 5. The layouts of each site, including the locations of monitor/trend wells, ponds, surface discharge points and disposal wells are given in the General Location Map, also located in Appendix 5.

4.1 Groundwater Monitoring

Groundwater quality at both projects is monitored by sampling 327 monitor and/or trend wells surrounding and/or within the wellfields. Sampling frequency varies for these wells. Monitor wells on excursion status are sampled weekly. Monitor wells not on excursion and trend wells are sampled monthly until restoration is complete. These wells are then sampled quarterly during the post-restoration and stabilization phase and thereafter if required. Sample analytical results along with water level elevations for 2006 are provided in Appendix 2. Seven monitor wells surrounding the 517 and USMT sites at IR are sampled annually and reported in the WDEQ Annual Report submitted in August of each calendar year.

4.1.1 Wells on Excursion Status

One well continued on excursion status during 2006. The well is Christensen well 5MW66, located adjacent to Mine Unit 5. On July 21, 2004 this well exceeded all three of its upper control limits (UCL) during its routine quarterly sampling (MU 5 has been restored and stabilization monitoring completed). To avoid reactivation of wells within this unit, COGEMA requested, and was granted, special sampling and evaluation parameters until the excursion could be fully evaluated. Essentially, COGEMA's plan for the well is to continue monitoring 5MW66 on a quarterly basis until the MU 5 restoration package is submitted to and approved by the WDEQ. Updates of the well will be submitted to the WDEQ and NRC quarterly. The final status of 5MW66 would then be addressed in the agency approval of the restoration for MU 5.

The following Table provides the sampling data during the 2006 monitoring period:

5MW-66 Christensen Ranch

Date	Chloride mg/l UCL 22.7	Conductivity umhos/cm UCL 1004	Alkalinity mg/l UCL 134.3	pH	U ₃ O ₈	Water Level Elevation
1/26/06	32.3	1247	241.1	7.8	< 0.4	4606.1
4/18/06	32.4	1240	250.7	7.9	< 0.4	4610.9
7/19/06	27.5	1086	183.6	8.0	< 0.4	4614.3
10/24/06	30.3	1242	275.2	7.9	< 0.4	4615.1

4.1.2 Regional Ranch Wells

Annual groundwater samples were collected from one ranch well near the CR project and one ranch well near IR. The samples were analyzed for Uranium along with Thorium-230, Radium-226, Lead-210 and Polonium-210. The resulting data are given in Table 2 of Appendix 1. All radionuclides were at very low or non-detectable (ND) concentrations, as is typical. No negative trends in the data were noted.

4.2 Surface Water Monitoring

Willow Creek is the only source of surface water present within and adjacent to the permit boundaries of both the IR and CR projects. Willow Creek is an intermittent stream and is sampled annually in the spring, when flow is typically available. Three sample locations are designated at both project sites; upstream, downstream and within the permit boundary. The Powder River is also sampled annually at the Brubaker Ranch, which is approximately 4.5 miles downstream from its confluence with Willow Creek. Analytical data for both chemical and radionuclide parameters are provided in Table 3 of Appendix 1. All radionuclides were low or ND, and no exceedances of NRC 10 CFR 20, Appendix B effluent limits occurred. No negative trends in this data were noted.

4.3 Surface Discharge Monitoring

A surface discharge outfall was available during the report period at the Christensen Ranch for disposal of treated groundwater generated by restoration activities. This outfall is licensed by the U.S. Environmental Protection Agency (EPA) under a National Pollutant Discharge Elimination System (NPDES) permit issued by the WDEQ. However, no water was discharged at the CR site (Permit No. WY0033642, discharge 002) during this report period.

4.4 Spill and Leak Reports

There were no reportable spills during 2006.

4.5 Air Monitoring

4.5.1 Radon

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

4.5.2 Dryer Stack Emissions

The yellowcake dryer did not operate in 2006.

4.5.3 Airborne Radionuclides

During dryer operations, continuous airborne radionuclide sampling is required at the five specified environmental air sampling locations at the IR project. No drying was conducted in 2006.

4.6 Gamma Radiation Monitoring

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

5.0 OTHER INFORMATION REQUIRED BY SECTION 12.6 - NRC LICENSE

5.1 ALARA Audit

The 2006 As Low As Reasonably Achievable (ALARA) audit was completed on February 14, 2007 by Tom Hardgrove, the RSO for Pathfinder Mines Corporation. His audit report is found in Appendix 4. No increasing dose trends or other concerns were noted.

5.2 Land Use Survey

The primary use of surrounding lands at both IR and CR projects continues to be rural sheep and

cattle ranching. The livestock graze these lands, but are fenced-out of areas such as the evaporation ponds, plant sites and wellfields.

The secondary use of surrounding lands continues to be petroleum production from wells dispersed throughout the region. The closest oil well at the CR project is located approximately one third of a mile west of the CR plant. The closest oil well at the IR site is located approximately one half mile east of the PU 9 wellfield. To our knowledge, no new oil wells have been drilled in close proximity to either project during 2006.

Over the past several years (2001 - 2006) some additional interest has developed in the immediate area of the CR project in the development of coal bed methane (CBM) gas. Several CBM wells were drilled within a half-mile of CR MU 5 & 6 during 2002. At present these wells are capped and awaiting additional evaluation and pipeline installation before development continues. No CBM wells were drilled in close proximity to either project during 2006.

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

5.3 2006 Site Inspections

5.3.1

On January 24, 2006 a Wyoming State Mine Inspection was conducted at the IR site by Mr. Tom McDonald, Deputy Inspector of Mines, of the contractor working for Cogema, Mike Everhart Mine Services. No violations of state mine regulations or corrective actions were cited.

On October 19, 2006 Mr. Tom McDonald, Deputy Inspector of Mines inspected the Irigaray and Christensen sites; no violations or corrective actions were cited.

On October 26, 2006 Mr. Glenn Mooney of the WDEQ, held the annual inspection of the Irigaray and Christensen sites – both sites were found to be in compliance.

5.4 SERP Summary

COGEMA's Safety and Environmental Review Panel (SERP) [NRC License Condition 9.4 (C)] was not called upon for any reviews during 2006.

APPENDIX 1

Tables 1 through 5

Table 1 - Evaporation Pond Samples

Table 2 - Ranch Wells Regional Groundwater

Table 3 - Surface Water Annual Samples

Table 4 - Mechanical Integrity Testing Summary

TABLE 1 (Page 1 of 4)

COGEMA Mining, Inc. -- Irigaray and Christensen Ranch Projects
2006 Effluent Report

Sample Type: Waste Ponds (quarterly)

Sample Date: February 7, 2006

NOTE: IR PONDS A,C,D,E, & RA
ARE EMPTY & IN DECOMISS.

NOTE: ND=NON DETECTABLE

Pond ID #	IR-A	IR-B	IR-C	IR-D
Sulfate (mg/l)		9,290		
Chloride (mg/l)		199,000		
NH4 as N (mg/l)		2.7		
NO3 & NO2 as N (mg/l)		1.85		
TDS (mg/l)		335,000		
Conductivity		>200,000		
pH		8.2		
Zinc (mg/l)		0.27		
Uranium (mg/l)		990		
Radium 226 (pCi/l)		323 +- 12		

Pond ID #	IR-E	IR-RA	IR-RB	CR-P1 _{perm.}
Sulfate (mg/l)			10,900	Frozen
Chloride (mg/l)			44,900	
NH4 as N (mg/l)			0.2	
NO3 & NO2 as N (mg/l)			0.66	
TDS (mg/l)			99,000	
Conductivity			115,000	
pH			9.1	
Zinc (mg/l)			N/D	
Uranium (mg/l)			456	
Radium 226 (pCi/l)			6.0 +- 1.7	

Pond ID #	CR-1	CR-2	CR-3	CR-4
Sulfate (mg/l)	Frozen	9,990	8,770	9,160
Chloride (mg/l)		51,600	111,000	195,000
NH4 as N (mg/l)		2.2	0.2	2.1
NO3 & NO2 as N (mg/l)		0.38	0.32	1.03
TDS (mg/l)		100,000	169,000	307,000
Conductivity		122,000	185,000	>200,000
pH		8.7	8.6	8.2
Zinc (mg/l)		ND	ND	ND
Uranium (mg/l)		103	118	379
Radium 226 (pCi/l)		37.9 +- 5.4	35.3 +- 3.8	112.9 +- 6.3

TABLE 1 (Page 2 of 4)

COGEMA Mining, Inc. -- Irigaray and Christensen Ranch Projects
2006 Effluent Report

Sample Type: Waste Ponds (quarterly)

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

Sample Date: May 23, 2006

ARE EMPTY & IN DECOMISS.

NOTE. ND = NON DETECTABLE

Pond ID #	IR-A	IR-B	IR-C	IR-D
Sulfate (mg/l)		15,300		
Chloride (mg/l)		198,000		
NH4 as N (mg/l)		2.4		
NO3 & NO2 as N (mg/l)		1.17		
TDS (mg/l)		328,000		
Conductivity		>200,000		
pH		8.1		
Zinc (mg/l)		0.22		
Uranium (mg/l)		1410		
Radium 226 (pCi/l)		112.5 +/- 5.6		

Pond ID #	IR-E	IR-RA	IR-RB	CR-P1
Sulfate (mg/l)			26,600	72
Chloride (mg/l)			37,400	12.0
NH4 as N (mg/l)			0.3	ND
NO3 & NO2 as N (mg/l)			ND	0.45
TDS (mg/l)			114,000	350
Conductivity			106,000	585
pH			9.1	9.5
Zinc (mg/l)			ND	ND
Uranium (mg/l)			425	0.0227
Radium 226 (pCi/l)			17.7 +/- 3.1	0.24 +/- 0.34

Pond ID #	CR-1	CR-2	CR-3	CR-4
Sulfate (mg/l)	840	8,860	21,300	15,100
Chloride (mg/l)	471	34,400	147,000	193,000
NH4 as N (mg/l)	ND	ND	0.1	0.9
NO3 & NO2 as N (mg/l)	0.15	ND	0.13	0.16
TDS (mg/l)	3,240	71,100	181,000	317,000
Conductivity	4,660	85,400	168,000	>200,000
pH	9.4	9	8.8	8.3
Zinc (mg/l)	ND	0.98	ND	ND
Uranium (mg/l)	5.73	66.8	128	58
Radium 226 (pCi/l)	162.5 +/- 6.9	25.2 +/- 3.2	41.6 +/- 3.4	158.5 +/- 6.7

TABLE 1 (Page 3 of 4)

COGEMA Mining, Inc. -- Irigaray and Christensen Ranch Projects
2006 Effluent Report

Sample Type: Waste Ponds (quarterly)

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

Sample Date: September 27, 2006

ARE EMPTY & IN DECOMISS.

NOTE: ND= NON DETECTABLE

Pond ID #	IR-A	IR-B	IR-C	IR-D
Sulfate (mg/l)		23,900		
Chloride (mg/l)		233,000		
NH4 as N (mg/l)		4.5		
NO3 & NO2 as N (mg/l)		0.52		
TDS (mg/l)		343,000		
Conductivity		219,000		
pH		7.7		
Zinc (mg/l)		0.16		
Uranium (mg/l)		1250		
Radium 226 (pCi/l)		26.5 +- 4.3		

Pond ID #	IR-E	IR-RA	IR-RB	CR-P1 perm
Sulfate (mg/l)			17,700	487
Chloride (mg/l)			77,600	160
NH4 as N (mg/l)			1.2	1
NO3 & NO2 as N (mg/l)			0.68	N/D
TDS (mg/l)			162,000	1,740
Conductivity			155,000	2,480
pH			8.9	8.7
Zinc (mg/l)			ND	ND
Uranium (mg/l)			944	0.131
Radium 226 (pCi/l)			26.2 +- 4.1	0.53 +- 0.76

Pond ID #	CR-1	CR-2	CR-3	CR-4
Sulfate (mg/l)	761	1,740	1,990	2,260
Chloride (mg/l)	321	9,780	12,400	18,000
NH4 as N (mg/l)	0.3	0.3	0.3	0.4
NO3 & NO2 as N (mg/l)	0.19	0.12	0.11	N/D
TDS (mg/l)	2,700	21,200	29,400	40,500
Conductivity	3,690	32,500	43,500	57,400
pH	9.9	8.9	9	8.6
Zinc (mg/l)	ND	ND	ND	ND
Uranium (mg/l)	7.85	11.5	12.6	12.1
Radium 226 (pCi/l)	21.1 +- 3.7	87.8 +- 7.3	61.0 +- 6.1	51.4 +- 5.6

TABLE 1 (Page 4 of 4)

COGEMA Mining, Inc. -- Irigaray and Christensen Ranch Projects
2006 Effluent Report

Sample Type: Waste Ponds (quarterly)

Sample Date: November 15, 2006

NOTE: IR PONDS A,C,D,E,& RA
ARE EMPTY & IN DECOMISS.

NOTE: ND=NON DETECTABLE

Pond ID #	IR-A	IR-B	IR-C	IR-D
Sulfate (mg/l)		16,000		
Chloride (mg/l)		134,000		
NH4 as N (mg/l)		4.8		
NO3 & NO2 as N (mg/l)		1.08		
TDS (mg/l)		308,000		
Conductivity		214,000		
pH		6.7		
Zinc (mg/l)		9.36		
Uranium (mg/l)		1490		
Radium 226 (pCi/l)		78.2 +- 6.8		

Pond ID #	IR-E	IR-RA	IR-RB	CR-P1 perm.
Sulfate (mg/l)			11,200	DRY
Chloride (mg/l)			98,300	
NH4 as N (mg/l)			0.8	
NO3 & NO2 as N (mg/l)			0.43	
TDS (mg/l)			193,000	
Conductivity			175,000	
pH			9	
Zinc (mg/l)			0.73	
Uranium (mg/l)			1270	
Radium 226 (pCi/l)			31.7 +- 4.4	

Pond ID #	CR-1	CR-2	CR-3	CR-4
Sulfate (mg/l)	665	1,120	2,590	2,110
Chloride (mg/l)	296	8,720	21,200	20,700
NH4 as N (mg/l)	N/D	N/D	N/D	N/D
NO3 & NO2 as N (mg/l)	N/D	0.06	0.08	N/D
TDS (mg/l)	2,620	19,100	47,100	42,200
Conductivity	3,480	28,600	63,700	60,300
pH	10	8.9	9.1	8.7
Zinc (mg/l)	N/D	N/D	0.08	N/D
Uranium (mg/l)	7.24	11.5	21.7	19.9
Radium 226 (pCi/l)	39.8 +- 4.9	84.8 +- 7.5	73.4 +- 6.8	77.0 +- 6.9

Table 2

COGEMA Mining, Inc. - Irigaray and Christensen Ranch Projects
 2006 Annual Effluent Report
 Sample Type: Regional Groundwater (Ranch Wells) - Annual Samples

Sample Location: Christensen Ranch House #3

	June 21, 2006
Radionuclide	(uCi/ml)
Uranium	1.0 E-9
Thorium-230	ND
Radium-226	N/D
Lead-210	ND
Polonium-210	ND

Sample Location: Christensen Middle Artesian

	June 21, 2006
Radionuclide	(uCi/ml)
Uranium	N/D
Thorium-230	N/D
Radium-226	1.0 E- 0.9
Lead-210	N/D
Polonium-210	N/D

Sample Location: Christensen Ellendale #4

	June 21, 2006
Radionuclide	(uCi/ml)
Uranium	4.0E-10
Thorium-230	N/D
Radium-226	1.2 E-0.6
Lead-210	N/D
Polonium-210	N/D

Sample Location: Christensen Del Gulch Lower #13

	June 21, 2006
Radionuclide	(uCi/ml)
Uranium	
Thorium-230	Not Available
Radium-226	Pump Down
Lead-210	
Polonium-210	

Sample Location: Christensen Willow Corral #32

	June 21, 2006
Radionuclide	(uCi/ml)
Uranium	N/D
Thorium-230	N/D
Radium-226	1.2E- 0.8
Lead-210	N/D
Polonium-210	N/D

Sample Location: Christensen First Artesian Well #1

	June 21, 2006
Radionuclide	(uCi/ml)
Uranium	6.0 E-0.9
Thorium-230	N/D
Radium-226	N/D
Lead-210	N/D
Polonium-210	N/D

Sample Location: Irigaray Willow # 2

	June 21, 2006
Radionuclide	(uCi/ml)
Uranium	ND
Thorium-230	ND
Radium-226	ND
Lead-210	N/D
Polonium-210	N/D

LLD	
(uCi/ml)	
2.0 E-9	Uranium
0.2 E-9	Thorium-230
0.2 E-9	Radium-226
2.7 E-9	Lead-210
2.7 E-9	Polonium-210

N/D = NON DETECTABLE

TABLE 3 (Page 1 of 2)

COGEMA Mining, Inc. Irigaray and Christensen Ranch Projects
 2006 Effluent Report
 Sample Type: Surface Water, Annual Samples, June 21, 2006
 Sample Location: Irigaray Project

Note: ND = Non Detectable

	Willow Creek IR-9 Downstream (uCi/ml)	Willow Creek IR-14 Upstream (uCi/ml)	Willow Creek IR-17 Mine Site (uCi/ml)	Powder River IR-5 Ranch Site (uCi/ml)	LLD (uCi/ml)	10 CFR 20 Appendix B Effluent Limit (uCi/ml)
<u>Radionuclide</u>						
Uranium)	No Sample	No Sample	No Sample	7.5 E-9	0.2 E-9	3.0 E-07
Thorium-230				ND	0.2 E-9	1.0 E-07
Radium-226				ND	0.2 E-9	6.0 E-08
Lead-210				ND	2.7 E-9	1.0 E-08
Polonium-210				ND	2.7 E-9	4.0 E-08
<u>Chemical Parameters</u>						
Total Alkalinity mg/L				192	1.0	N/A
Chloride mg/L				324	1.0	N/A
TDS mg/L				1990	10	N/A
Specific Conductivity umhos/cm				2940	1.0	N/A
Sulfate mg/L				885	6	N/A
pH s.u.				8.2	0.01	N/A
Arsenic mg/L				0.002	0.001	N/A
Selenium mg/L				0.004	0.001	N/A
<u>Estimated Flow Rate:</u>	None	None	None	Low		
Low = <5 cfs						
Medium = 5 - 50 cfs						
High = > 50 cfs						

TABLE 3 (Page 2 of 2)

COGEMA Mining, Inc. Irigaray and Christensen Ranch Projects
2006 Effluent Report

Sample Type: Surface Water, Annual Samples, June 21, 2006

Sample Location: Christensen Ranch Project

Note: ND = Non Detectable

	Willow Creek GS-01 Downstream	Willow Creek CG-05 Upstream	Willow Creek GS-03 Mine Site	LLD	10 CFR 20 Appendix B Effluent
Radionuclide	(uCi/ml)	(uCi/ml)	(uCi/ml)	(uCi/ml)	Limit (uCi/ml)
Uranium	No Sample	4.1 ^{E-9}	No Sample	0.2 ^{E-9}	3.0 ^{E-07}
Thorium-230		ND		0.2 ^{E-9}	1.0 ^{E-07}
Radium-226		ND		0.2 ^{E-9}	6.0 ^{E-08}
Lead-210		ND		2.7 ^{E-9}	1.0 ^{E-08}
Polonium-210		ND		2.7 ^{E-9}	4.0 ^{E-08}
<u>Chemical Parameters</u>					
Total Alkalinity mg/L		186		1.0	N/A
Chloride mg/L		5.0		1.0	N/A
TDS mg/L		2340		10	N/A
Specific Conductivity umhos/cm		2910		1.0	N/A
Sulfate mg/L		1500		30	N/A
pH s.u.		8.4		0.01	N/A
Arsenic mg/L		0.005		0.002	N/A
Selenium mg/L		ND		0.005	N/A

Estimated Flow Rate:

None

Low

None

Low = <5 cfs

Medium = 5 - 50 cfs

High = > 50 cfs

J:\JMW\WP\2004RPT\DEQ\04_EFFUL\TABLES\S-WTR_04.XLS

Table 4
2006 Mechanical Integrity Testing Summary

WELL_ID	PASS OR FAIL	INT. DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSUR E	FINAL PRESSURE	PRESSURE LOSS	PRECENT LOSS
7AT72-1	F	6/12/2006	PVC						
7AV62-1	F	6/15/2006	PVC	562					
7AY76-1	F	8/3/2006	PVC	593					
7BE60-1	P	5/23/2006	PVC	575	570	168	161	7	4
7BC59-2	P	5/23/2006	PVC	572	560	168	156	12	7
7BC60-2	P	5/23/2006	PVC	567	560	168	159	9	5
7BD60-1	P	5/23/2006	PVC	567	560	168	153	15	9
7BE61-1	P	5/23/2006	PVC	572	560	168	158	10	6
7BB57-1	P	5/23/2006	PVC	571	560	168	154	14	8
7BA57-2	P	5/24/2006	PVC	576	560	168	161	7	4
7BB59-1	P	5/24/2006	PVC	571	560	168	156	12	7
7BE59-1	P	5/25/2006	PVC	579	560	168	156	12	7
7BC56-1	P	5/25/2006	PVC	561	550	168	154	14	8
7BB55-1	P	5/30/2006	PVC	558	550	168	158	10	6
7BA59-1	P	5/30/2006	PVC	560	550	168	154	14	8
7AZ60-1	P	5/30/2006	PVC	542	530	168	157	11	7
7BE63-1	P	5/18/2006	PVC	570	570	168	160	8	5
7AU59-1	P	6/6/2006	PVC	430	420	168	156	12	7
7AV61-2	P	6/1/2006	PVC	380	370	168	158	10	6
7AU62-2	P	6/1/2006	PVC	375	365	168	154	14	8
7AU62-3	P	6/1/2006	PVC	433	420	168	156	12	7
7AV63-2	P	6/1/2006	PVC	443	430	168	160	8	5
7AV61-4	P	6/1/2006	PVC	452	440	168	158	10	6
7AU60-1	P	6/6/2006	PVC	366	355	168	154	14	8
7AW58-1	P	5/31/2006	PVC	430	420	168	160	8	5
7AW60-1	P	5/31/2006	PVC	441	430	168	156	12	7
7AW61-2	P	5/31/2006	PVC	444	435	168	160	8	5
7AW61-1	P	5/31/2006	PVC	445	435	168	158	10	6
7AU61-2	P	6/6/2006	PVC	435	420	168	154	14	8
7AV63-3	P	6/6/2006	PVC	400	390	168	156	12	7
7AU63-3	P	6/6/2006	PVC	375	370	168	158	10	6
7AU64-1	P	6/6/2006	PVC	423	410	168	159	9	5
7AZ62-2	P	6/7/2006	PVC	554	540	168	158	10	6
7AX64-1	P	6/7/2006	PVC	486	480	168	160	8	5
7AY65-1	P	6/7/2006	PVC	576	570	168	156	12	7
7AW65-4	P	6/7/2006	PVC	472	460	168	154	14	8
7AV65-2	P	6/7/2006	PVC	470	460	168	156	12	7
7AV66-2	P	6/8/2006	PVC	473	460	168	156	12	7
NPHW-11	P	6/8/2006	PVC	471	460	168	153	15	9
7AW67-2	P	6/8/2006	PVC	473	460	168	160	8	5
7AV69-2	P	6/8/2006	PVC	408	400	168	159	9	5
7AV71-1	P	6/8/2006	PVC	389	380	168	156	12	7
7AV73-2	P	6/12/2006	PVC	376	370	168	156	12	7
7AU71-1	P	6/12/2006	PVC	369	360	168	154	14	8
7AS73-2	P	6/12/2006	PVC	505	490	168	154	14	8
7AU68-2	P	6/12/2006	PVC	385	380	168	158	10	6
7AU66-1	P	6/12/2006	PVC	463	450	168	156	12	7
7AX63-1	P	6/13/2006	PVC	469	460	168	160	8	5
7AW63-1	P	6/13/2006	PVC	472	460	168	156	12	7
7AU65-4	P	6/13/2006	PVC	465	460	168	158	10	6
7AU65-3	P	6/13/2006	PVC	437	430	168	154	14	8
7AY66-1	P	6/14/2006	PVC	570	560	168	154	14	8

Table 4
2006 Mechanical Integrity Testing Summary

WELL_ID	PASS OR FAIL	INT. DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSUR E	FINAL PRESSURE	PRESSURE LOSS	PRECENT LOSS
7AX68-2	P	6/14/2006	PVC	478	470	168	156	12	7
7AX69-2	P	6/14/2006	PVC	575	570	168	155	13	8
7AX71-1	P	6/15/2006	PVC	574	560	168	160	8	5
7AT73-1	P	6/15/2006	PVC	515	540	168	156	12	7
7AW64-2	P	6/15/2006	PVC	469	460	168	154	14	8
6AU61-2	P	6/15/2006	PVC	374	360	168	154	14	8
7BF76-2	P	6/22/2006	PVC	551	540	168	156	12	7
7BF72-2	P	6/22/2006	PVC	570	560	168	154	14	8
7BF74-1	P	6/22/2006	PVC	565	560	168	154	14	8
7BE72-1	P	6/22/2006	PVC	565	560	168	156	12	7
7BF69-2	P	6/21/2006	PVC	582	570	168	156	12	7
7BE68-2	P	6/21/2006	PVC	590	580	168	154	14	8
7AU56-1	P	6/20/2006	PVC	451	440	168	156	12	7
7AV56-2	P	6/20/2006	PVC	400	390	168	156	12	7
7AV54-1	P	6/20/2006	PVC	402	390	168	158	10	6
7AU58-1	P	6/20/2006	PVC	395	390	168	158	10	6
7AU58-2	P	6/20/2006	PVC	452	440	168	159	8	5
7BE70-1	P	7/5/2006	PVC	582	570	168	156	12	7
7BG75-1	P	7/10/2006	PVC	567	560	168	159	9	5
7BG76-1	P	7/10/2006	PVC	555	540	168	154	14	8
7BH75-1	P	7/10/2006	PVC	567	560	168	156	12	7
7BH73-1	P	7/10/2006	PVC	570	560	168	158	10	6
7BJ82-1	P	7/11/2006	PVC	561	550	168	154	14	8
7BI75-1	P	7/11/2006	PVC	567	560	168	154	14	8
7BI77-1	P	7/11/2006	PVC	568	560	168	156	12	7
NPHW-14	P	7/11/2006	PVC	582	570	168	158	10	6
7AU63-1	P	7/12/2006	PVC	452	440	168	154	14	8
7AV64-2	P	7/12/2006	PVC	440	430	168	156	12	7
7AU69-2	P	7/18/2006	PVC	370	360	168	158	10	6
7AV54-2	P	7/18/2006	PVC	405	400	168	154	14	8
7AT67-1	P	7/18/2006	PVC	366	360	168	162	6	4
7BH92-2	P	7/20/2006	PVC	598	590	168	156	12	7
7BG92-1	P	7/20/2006	PVC	553	540	168	156	12	7
7AY77-2	P	7/20/2006	PVC	475	460	168	158	10	6
7AY78-1	P	7/24/2006	PVC	595	580	168	154	14	8
7AZ79-1	P	7/24/2006	PVC	548	540	168	158	10	6
7AZ78-3	P	7/24/2006	PVC	548	540	168	156	12	7
7AZ78-4	P	7/24/2006	PVC	589	580	168	158	10	6
7AZ80-1	P	7/24/2006	PVC	549	540	168	156	12	7
7AZ81-2	P	7/24/2006	PVC	548	540	168	158	10	6
7AZ81-1	P	7/24/2006	PVC	546	540	168	158	10	6
7AY81-2	P	7/25/2006	PVC	471	460	168	156	12	7
7AZ79-2	P	7/26/2006	PVC	472	460	168	160	8	5
NPHW-16	P	7/26/2006	PVC	594	580	168	162	6	4
7AX80-1	P	7/26/2006	PVC	565	560	168	160	8	5
7AU80-1	P	8/8/2006	PVC	580	570	168	160	8	5
7AU82-2	P	8/8/2006	PVC	575	570	168	156	12	7
7AU83-1	P	8/8/2006	PVC	364	350	168	158	10	6
7AU84-2	P	8/8/2006	PVC	365	350	168	154	14	8
7AU84-1	P	8/8/2006	PVC	572	560	168	158	10	6
7AV83-1	P	8/9/2006	PVC	572	560	168	158	10	6
7AW83-1	P	8/9/2006	PVC	365	350	168	156	12	7

Table 4
2006 Mechanical Integrity Testing Summary

WELL_ID	PASS OR FAIL	INT. DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSUR E	FINAL PRESSURE	PRESSURE LOSS	PRECENT LOSS
7AV85-1	P	8/9/2006	PVC	365	350	168	160	8	5
7AW85-1	P	8/9/2006	PVC	560	550	168	155	13	8
7AW84-1	P	8/9/2006	PVC	560	550	168	158	10	6
7AW84-3	P	8/9/2006	PVC	558	550	168	156	12	7
7AY82-3	P	8/7/2006	PVC	543	530	168	156	12	7
7AX85-1	P	8/10/2006	PVC	557	550	168	158	10	6
7AW86-1	P	8/10/2006	PVC	552	540	168	154	14	8
7AX85-2	P	8/10/2006	PVC	575	570	168	156	12	7
7AX86-1	P	8/10/2006	PVC	583	570	168	158	10	6
7AX87-2	P	8/10/2006	PVC	558	550	168	160	8	5
7AX87-1	P	8/10/2006	PVC	564	550	168	156	12	7
7AW88-2	P	8/10/2006	PVC	360	350	168	158	10	6
7AW87-2	P	8/14/2006	PVC	363	350	168	154	14	8
7AW87-1	P	8/14/2006	PVC	562	550	168	160	8	5
7AV86-1	P	8/14/2006	PVC	560	550	168	158	10	6
7AU86-1	P	8/14/2006	PVC	362	350	168	158	10	6
7AU85-1	P	8/14/2006	PVC	570	560	168	156	12	7
7AU88-2	P	8/15/2006	PVC	565	560	168	158	10	6
7AU90-1	P	8/15/2006	PVC	355	340	168	160	8	5
NPHW-9A	P	8/15/2006	PVC	550	540	168	154	14	8
7AV89-1	P	8/15/2006	PVC	558	550	168	154	14	8
7AX79-2	P	8/3/2006	PVC	609	600	168	158	10	6
7AW80-1	P	8/3/2006	PVC	606	600	168	156	12	7
7AV82-1	P	8/3/2006	PVC	583	570	168	160	8	5
7AY88-1	P	8/3/2006	PVC	605	590	168	154	14	8
7AW82-1	P	8/3/2006	PVC	591	580	168	158	10	6
7AY83-1	P	8/7/2006	PVC	572	560	168	154	14	8
7AY85-3	P	8/7/2006	PVC	583	570	168	156	12	7
7AZ83-3	P	8/7/2006	PVC	554	540	168	156	12	7
7AZ85-3	P	8/7/2006	PVC	485	470	168	156	12	7
7AZ83-4	P	8/7/2006	PVC	472	460	168	158	10	6
7BF96-1	P	8/22/2006	PVC	515	510	168	154	14	8
7BG100-1	P	8/22/2006	PVC	509	480	168	158	10	6
NPHW-13	P	8/23/2006	PVC	542	530	168	156	12	7
7BH120-1	P	8/23/2006	PVC	613	600	168	154	14	8
7BH118-1	P	8/23/2006	PVC	538	530	168	154	14	8
7AU102-1	P	8/28/2006	PVC	607	590	168	154	14	8
NPHW-8	P	8/28/2006	PVC	612	600	168	156	12	7
7AT105-2	P	8/28/2006	PVC	572	560	168	156	12	7
7BG112-1	P	8/23/2006	PVC	517	510	168	156	12	7
7AT103-1	P	8/28/2006	PVC	580	570	168	154	14	8
7AT102-1	P	8/28/2006	PVC	588	580	168	156	12	7
7AU103-3	P	8/28/2006	PVC	605	600	168	158	10	6
7AT100-2	P	8/29/2006	PVC	596	590	168	158	10	6
7AT98-1	P	8/29/2006	PVC	601	590	168	156	12	7
7AT97-1	P	8/29/2006	PVC	600	590	168	156	12	7
7AU100-1	P	8/29/2006	PVC	605	600	168	160	8	5
7AU102-2	P	8/29/2006	PVC	613	600	168	160	8	5
7AV101-1	P	8/30/2006	PVC	621	610	168	156	12	7
7AV98-1	P	8/30/2006	PVC	620	610	168	154	14	8
7AU98-1	P	8/30/2006	PVC	598	580	168	158	10	6
7AT95-1	P	8/30/2006	PVC	584	570	168	156	12	7

Table 4
2006 Mechanical Integrity Testing Summary

WELL_ID	PASS OR FAIL	INT. DATE	CASING TYPE	BOTTOM CASING DEPTH	LOWER PACKER DEPTH	INITIAL PRESSUR E	FINAL PRESSURE	PRESSURE LOSS	PRECENT LOSS
7AV88-1	P	8/15/2006	PVC	360	350	168	158	10	6
7AU88-1	P	8/16/2006	PVC	358	350	168	154	14	8
7AW88-3	P	8/16/2006	PVC	380	370	168	156	12	7
7AX88-1	P	8/16/2006	PVC	558	550	168	156	12	7
7AX88-2	P	8/16/2006	PVC	605	600	168	156	12	7
7AX89-1	P	8/16/2006	PVC	568	560	168	154	14	8
7AY89-1	P	8/16/2006	PVC	565	560	168	158	10	6
7AZ89-1	P	8/17/2006	PVC	576	570	168	156	12	7
7AZ88-4	P	8/17/2006	PVC	578	570	168	160	8	5
7AY86-1	P	8/17/2006	PVC	580	570	168	158	10	6
7AX75-1	P	8/17/2006	PVC	484	470	168	158	10	6
7AU93-2	P	8/17/2006	PVC	572	560	168	154	14	8
7AV97-1	P	8/17/2006	PVC	610	600	168	158	10	6
7BD102-1	P	8/22/2006	PVC	492	490	168	154	14	8
7BC107-2	P	8/22/2006	PVC	525	510	168	156	12	7
7BI88-1	P	8/31/2006	PVC	565	550	168	160	8	5
7BJ86-1	P	8/31/2006	PVC	564	550	168	156	12	7
7BI84-1	P	8/30/2006	PVC	564	550	168	158	10	6
7BI85-2	P	8/31/2006	PVC	560	550	168	154	14	8
7BE66-1	P	9/5/2006	PVC	584	570	168	154	14	8
7BC57-3	P	9/5/2006	PVC	566	560	168	158	10	6
7AV56-1	P	9/5/2006	PVC	415	410	168	154	4	4
7AV122-1	P	9/6/2006	PVC	605	600	168	160	8	5
7AU114-2	P	9/6/2006	PVC	566	560	168	156	12	7
7AU96-1	P	9/6/2006	PVC	579	570	168	154	14	8
7AU130-1	P	9/7/2006	PVC	623	610	168	156	12	7
7AT129-1	P	9/7/2006	PVC	504	490	168	154	14	8
7AU146-1	P	9/7/2006	PVC	647	630	168	158	10	6
7AT142-1	P	9/7/2006	PVC	529	520	168	156	12	7
7AU138-1	P	9/7/2006	PVC	685	670	168	156	12	7
7AV58-3	P	9/5/2006	PVC	376	350	168	158	10	6
7AZ77-3	P	8/31/2006	PVC	546	540	168	158	10	6
7AZ57-1	P	10/2/2006	PVC	540	530	168	158	10	6
7AZ59-1	P	9/28/2006	PVC	540	530	168	160	8	5

APPENDIX 2

Monitor & Trend Well Sampling Date

COGEMA Mining, Inc.

Irigaray Project

Monitor and Trend Well Index

Monitor Wells

Perimeter Ore Zone						
Well No.	Location	Page No.		Well No.	Location	Page No.
M2	Mine Unit 2	1		M27	Mine Unit 7	6
M4	Mine Unit 2	1		M28	Mine Unit 8	7
M7	Mine Unit 1	2		M29	Mine Unit 8	7
M10	Mine Unit 4	2		M30	Mine Unit 9	8
M17	Mine Unit 1	3		M31	Mine Unit 9	8
M18	Mine Unit 1	3		M32	Mine Unit 9	9
M19	Mine Unit 3	4		M33	Mine Unit 9	9
M23	Mine Unit 5	4		T31	Mine Unit 1	10
M24	Mine Unit 6	5		RS27	Mine Unit 5	10
M25	Mine Unit 6	5		16-151	Mine Unit 9	11
M26	Mine Unit 7	6				
Shallow Sand						
SSM2	Mine Unit 1	12		SSM19	Mine Unit 8	17
SSM3	Mine Unit 2	12		SSM34	Mine Unit 9	18
SSM4	Mine Unit 2	13		SSM35	Mine Unit 9	18
SSM5	Mine Unit 3	13		SSM36	Mine Unit 9	19
SSM6	Mine Unit 4	14		SSM37	Mine Unit 7	19
SSM7	Mine Unit 5	14		SSM38	Mine Unit 7	20
SSM8	Mine Unit 5	15		SSM39	Mine Unit 7	20
SSM9	Mine Unit 6	15		SSM40	Mine Unit 8	21
SSM10	Mine Unit 6	16		SSM41	Mine Unit 4	21
SSM11	Mine Unit 6	16		SSM42	Mine Unit 3	22
SSM18	Mine Unit 8	17		SSM43	Mine Unit 1	22
Deep Sand						
DM1	Mine Unit 1	23		DM14	Mine Unit 8	27
DM2	Mine Unit 1	23		DM15	Mine Unit 9	28
DM3	Mine Unit 2	24		DM16	Mine Unit 9	28
DM4	Mine Unit 4	24		DM17	Mine Unit 5	29
DM5	Mine Unit 2	25		DM18	Mine Unit 4	29
DM9	Mine Unit 5	25		DM19	Mine Unit 3	30
DM10	Mine Unit 6	26		DM20	Mine Unit 3	30
DM11	Mine Unit 7	26		DM21	Mine Unit 7	31
DM13	Mine Unit 8	27		DM22	Mine Unit 6	31

COGEMA Mining, Inc.

Irigaray Project

Monitor and Trend Well Index

Monitor Wells

517 and USMT Sites					
Well No.	Location	Page No.	Well No.	Location	Page No.
M-219	USMT Site	32	M-1	517 Site	33
M-220	USMT Site	32	NM-3	517 Site	34
M-221	USMT Site	33	M-4	517 Site	34
			SM-1	517 Site	35

IRIGARAY PROJECT Trend Wells					
Well No.	Location	Page No.	Well No.	Location	Page No.
RS19	Mine Unit 3	36	SM 1	Mine Unit 1	37
RS 34	Mine Unit 2	36	SM 2	Mine Unit 1	38
RS 39	Mine Unit 3	37	SM 7	Mine Unit 2	38

COGEMA Mining, Inc.
Christensen Ranch Project

Monitor and Trend Wells Index

Monitor Wells

Perimeter Ore Zone						
Well No.	Location	Page No.		Well No.	Location	Page No.
MW17-2	Mine Unit 3	39		MW87	Mine Unit 2	60
MW18	Mine Unit 3	39		MW88	Mine Unit 2	60
MW19	Mine Unit 3	40		MW89	Mine Unit 2	61
MW20	Mine Unit 3	40		MW90	Mine Unit 2	61
MW23	Mine Unit 3	41		MW101	Mine Unit 2	62
MW24	Mine Unit 3	41		MW102	Mine Unit 2	62
MW25	Mine Unit 3	42		MW103	Mine Unit 2	63
MW26	Mine Unit 3	42		MW104	Mine Unit 2	63
MW27	Mine Unit 3	43		MW105	Mine Unit 2	64
MW28	Mine Unit 3	43		MW106	Mine Unit 2	64
MW29	Mine Unit 3	44		MW107	Mine Unit 2	65
MW30	Mine Unit 3	44		MW108	Mine Unit 2	65
MW31	Mine Unit 3	45		MW109	Mine Unit 2	66
MW32	Mine Unit 3	45		MW110	Mine Unit 2	66
MW35	Mine Unit 3	46		MW111	Mine Unit 2	67
MW36	Mine Unit 3	46		MW114	Mine Unit 3	67
MW37	Mine Unit 3	47		MW115	Mine Unit 3	68
MW38	Mine Unit 3	47		MW116	Mine Unit 3	68
MW39	Mine Unit 3	48		4MW-1	Mine Unit 4	69
MW40	Mine Unit 3	48		4MW-2	Mine Unit 4	69
MW41	Mine Unit 3	49		4MW-3	Mine Unit 4	70
MW42	Mine Unit 3	49		4MW-4	Mine Unit 4	70
MW43	Mine Unit 3	50		4MW-5	Mine Unit 4	71
MW44	Mine Unit 3	50		4MW-6	Mine Unit 4	71
MW45	Mine Unit 3	51		4MW-7	Mine Unit 4	72
MW62	Mine Unit 3	51		4MW-8	Mine Unit 4	72
MW63	Mine Unit 3	52		4MW-9	Mine Unit 4	73
MW64	Mine Unit 3	52		4MW-10	Mine Unit 4	73
MW73	Mine Unit 2	53		4MW-11	Mine Unit 4	74
MW74	Mine Unit 2	53		4MW-12	Mine Unit 4	74
MW75	Mine Unit 2	54		4MW-13	Mine Unit 4	75
MW76	Mine Unit 2	54		4MW-14	Mine Unit 4	75
MW77	Mine Unit 2	55		4MW-15	Mine Unit 4	76
MW78	Mine Unit 2	55		4MW-16	Mine Unit 4	76
MW79	Mine Unit 2	56		4MW-17	Mine Unit 4	77
MW80	Mine Unit 2	56		4MW-18	Mine Unit 4	77
MW81	Mine Unit 2	57		4MW-19	Mine Unit 4	78
MW82	Mine Unit 2	57		4MW-20	Mine Unit 4	78
MW83	Mine Unit 2	58		4MW-21	Mine Unit 4	79
MW84	Mine Unit 2	58		4MW-22	Mine Unit 4	79
MW85	Mine Unit 2	59		4MW-23	Mine Unit 4	80
MW86	Mine Unit 2	59		4MW-24	Mine Unit 4	80

COGEMA Mining, Inc.
Christensen Ranch Project

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Monitor Wells

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5MW1	Mine Unit 5	81	5MW58	Mine Unit 5	102
5MW2	Mine Unit 5	82	5MW59	Mine Unit 5	103
5MW3	Mine Unit 5	82	5MW60	Mine Unit 5	103
5MW4	Mine Unit 5	83	5MW61	Mine Unit 5	104
5MW5	Mine Unit 5	83	5MW62	Mine Unit 5	104
5MW6	Mine Unit 5	84	5MW63	Mine Unit 5	105
5MW7	Mine Unit 5	84	5MW64	Mine Unit 5	105
5MW8	Mine Unit 5	85	5MW65	Mine Unit 5	106
5MW10	Mine Unit 5	85	5MW66	Mine Unit 5	106
5MW12	Mine Unit 5	86	5MW67	Mine Unit 5	107
5MW14	Mine Unit 5	86	5MW69	Mine Unit 5	107
5MW16	Mine Unit 5	87	6MW17-2	Mine Unit 6	108
5MW18	Mine Unit 5	87	6MW19	Mine Unit 6	108
5MW20	Mine Unit 5	88	6MW21	Mine Unit 6	109
5MW30A	Mine Unit 5	88	6MW23	Mine Unit 6	109
5MW31	Mine Unit 5	89	6MW25	Mine Unit 6	110
5MW32A	Mine Unit 5	89	6MW27	Mine Unit 6	110
5MW33	Mine Unit 5	90	6MW29	Mine Unit 6	111
5MW34	Mine Unit 5	90	6MW31	Mine Unit 6	111
5MW35A	Mine Unit 5	91	6MW33	Mine Unit 6	112
5MW36	Mine Unit 5	91	6MW34	Mine Unit 6	112
5MW37	Mine Unit 5	92	6MW35	Mine Unit 6	113
5MW38	Mine Unit 5	92	6MW36	Mine Unit 6	113
5MW39A	Mine Unit 5	93	6MW37	Mine Unit 6	114
5MW40	Mine Unit 5	93	6MW38	Mine Unit 6	114
5MW41A	Mine Unit 5	94	6MW39	Mine Unit 6	115
5MW42	Mine Unit 5	94	6MW40	Mine Unit 6	115
5MW43	Mine Unit 5	95	6MW41	Mine Unit 6	116
5MW44	Mine Unit 5	95	6MW42	Mine Unit 6	116
5MW45	Mine Unit 5	96	6MW43	Mine Unit 6	117
5MW46	Mine Unit 5	96	6MW44	Mine Unit 6	117
5MW47B	Mine Unit 5	97	6MW45	Mine Unit 6	118
5MW48	Mine Unit 5	97	6MW46	Mine Unit 6	118
5MW49	Mine Unit 5	98	6MW47	Mine Unit 6	119
5MW50	Mine Unit 5	98	6MW48-3	Mine Unit 6	119
5MW51	Mine Unit 5	99	6MW49	Mine Unit 6	120
5MW52	Mine Unit 5	99	6MW50	Mine Unit 6	120
5MW53	Mine Unit 5	100	6MW51	Mine Unit 6	121
5MW54	Mine Unit 5	100	6MW52	Mine Unit 6	121
5MW55	Mine Unit 5	101	6MW53	Mine Unit 6	122
5MW56	Mine Unit 5	101	6MW54	Mine Unit 6	122

COGEMA Mining, Inc.
Christensen Ranch Project

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Monitor Wells

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MW50S	Mine Unit 3	124		5SM3	Mine Unit 5	135
MW52S	Mine Unit 3	125		5SM5	Mine Unit 5	136
MW54S	Mine Unit 3	125		5SM6	Mine Unit 5	136
MW56S	Mine Unit 3	126		5SM7	Mine Unit 5	137
MW58S	Mine Unit 3	126		WCOW-04	Mine Unit 5	137
MW66S-2	Mine Unit 3	127		6SM1	Mine Unit6	138
MW68S	Mine Unit 2	127		6SM2	Mine Unit6	138
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MW96S	Mine Unit 2	130		6SM7	Mine Unit6	141
MW98S	Mine Unit 2	130		6SM8	Mine Unit6	141
MW100S	Mine Unit 2	131		6SM9	Mine Unit6	142
MW112S	Mine Unit 2	131		6SM10	Mine Unit6	142
MW117S	Mine Unit 2	132		6SM11	Mine Unit6	143
4SM-1	Mine Unit 4	132		6SM12	Mine Unit6	143
4SM-4	Mine Unit 4	133		6SM13	Mine Unit6	144
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Monitor Wells

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MW47D	Mine Unit 3	146		5DM3	Mine Unit 5	157
MW49D	Mine Unit 3	146		5DM4	Mine Unit 5	157
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MW53D	Mine Unit 3	147		5DM7	Mine Unit 5	158
MW55D	Mine Unit 3	148		WCOW-37D	Mine Unit 5	159
MW57D	Mine Unit 3	148		6DM1	Mine Unit 6	159
MW65D	Mine Unit 3	149		6DM2	Mine Unit 6	160
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MW97D	Mine Unit 2	152		6DM9	Mine Unit 6	163
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Deep Sand						
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IRIGARAY PROJECT

Perimeter Ore Zone Monitor Wells

Mine Unit 2
Well I.D. M2

IRIGARAY RANCH
PERIMETER ORE ZONE 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	18	685	131.1			

Date

08 MAR 2006	14.9	752	*	87.6	8.4	4300.4
20 JUN 2006	14.7	751	*	96.6	8.5	4300.4
19 SEP 2006	15.8	744	*	104.5	8.5	4299.9

* Values Exceed Upper Control Limit

M2

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. M4

IRIGARAY RANCH
PERIMETER ORE ZONE 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	18.1	671	100.4			

Date

08 MAR 2006	10.6	982	*	75.7	8.3	4312.0
20 JUN 2006	10.9	974	*	82.8	8.4	4313.7
19 SEP 2006	11.5	967	*	92.0	8.2	4311.7

* Values Exceed Upper Control Limit

M4

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 1
Well I.D. M7

IRIGARAY RANCH
PERIMETER ORE ZONE 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	17.5	679	109.8			

Date						
08 MAR 2006	12.0	1462	*	81.0	7.9	4311.5
26 JUN 2006	11.9	1441	*	86.9	8.1	4311.5
20 SEP 2006	12.5	1429	*	95.6	7.8	4310.2

* Values Exceed Upper Control Limit

M7

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 4
Well I.D. M10

IRIGARAY RANCH
PERIMETER ORE ZONE 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	17.5	701	132.3			

Date						
08 MAR 2006	11.1	632		84.3	8.5	4304.5
20 JUN 2006	12.0	605		99.9	8.6	4304.2
19 SEP 2006	12.2	603		103.8	8.5	4304.0

* Values Exceed Upper Control Limit

M10

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 1
Well I.D. M17

IRIGARAY RANCH
PERIMETER ORE ZONE 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	17.1	724	112.9			

Date						
08 MAR 2006	9.6	646	81.7	8.5		4322.6
20 JUN 2006	9.9	653	93.8	8.5		4322.6
20 SEP 2006	10.5	655	100.3	8.2		4322.6

* Values Exceed Upper Control Limit

M17

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 1
Well I.D. M18

IRIGARAY RANCH
PERIMETER ORE ZONE 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	17	719	111.7			

Date						
08 MAR 2006	10.8	786 *	81.8	8.4		4312.0
26 JUN 2006	11.0	784 *	90.6	8.4		4312.0
20 SEP 2006	10.8	777 *	86.5	8.4		4312.0

* Values Exceed Upper Control Limit

M18

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. M19

IRIGARAY RANCH
PERIMETER ORE ZONE 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	17	651	116.7			

Date

06 MAR 2006	11.5	601	90.1	8.5		4312.9
20 JUN 2006	10.9	627	95.2	8.6		4312.9
19 SEP 2006	11.8	627	103.5	8.5		4313.7

* Values Exceed Upper Control Limit

M19

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. M23

IRIGARAY RANCH
PERIMETER ORE ZONE 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	17	614	106.6			

Date

06 MAR 2006	10.0	554	98.0	8.7		4316.8
20 JUN 2006	10.0	556	105.4	8.8		4316.8
19 SEP 2006	10.8	555	110.8	8.7		4316.2

* Values Exceed Upper Control Limit

M23

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. M24

IRIGARAY RANCH
PERIMETER ORE ZONE 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	14.5	632	119.4			

Date

08 MAR 2006	9.1	492	108.4	8.7		4317.4
20 JUN 2006	8.7	494	114.9	8.8		4317.4
19 SEP 2006	9.2	495	122.1 *	8.6		4317.3

* Values Exceed Upper Control Limit

M24

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. M25

IRIGARAY RANCH
PERIMETER ORE ZONE 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	15.5	692	111.9			

Date

08 MAR 2006	10.9	593	89.6	8.6		4309.4
20 JUN 2006	10.8	597	99.1	8.6		4309.4
19 SEP 2006	11.8	596	106.9	8.4		4309.4

* Values Exceed Upper Control Limit

M25

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 7
Well I.D. M26

IRIGARAY RANCH
PERIMETER ORE ZONE 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	14.6	596	113.9			

Date

08 MAR 2006	9.7	533	95.9	8.7		4303.8
26 JUN 2006	10.2	537	105.6	8.7		4303.8
19 SEP 2006	10.3	536	115.0	8.5		4306.0

* Values Exceed Upper Control Limit

M26

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 7
Well I.D. M27

IRIGARAY RANCH
PERIMETER ORE ZONE 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	15.2	625	105.8			

Date

06 MAR 2006	11.2	598	93.6	8.4		4312.3
20 JUN 2006	11.4	599	104.1	8.6		4312.3
19 SEP 2006	11.8	599	106.8	8.3		4312.3

* Values Exceed Upper Control Limit

M27

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 8
Well I.D. M28

IRIGARAY RANCH
PERIMETER ORE ZONE 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	15.5	715	110.9			

Date

08 MAR 2006	11.1	615	88.7	8.7		4321.2
26 JUN 2006	11.5	619	96.5	8.6		4320.1
19 SEP 2006	11.6	620	102.3	8.4		4321.2

* Values Exceed Upper Control Limit

M28

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 8
Well I.D. M29

IRIGARAY RANCH
PERIMETER ORE ZONE 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	16.1	702	109.8			

Date

08 MAR 2006	11.1	605	90.7	8.6		4318.8
20 JUN 2006	10.8	607	99.8	8.6		4318.8
19 SEP 2006	11.0	608	108.0	8.4		4318.7

* Values Exceed Upper Control Limit

M29

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 9
Well I.D. M30

IRIGARAY RANCH
PERIMETER ORE ZONE 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	15.2	704	105.5			

Date						
08 MAR 2006	11.1	615	88.0	8.6		4324.7
26 JUN 2006	10.8	618	93.5	8.7		4324.7
19 SEP 2006	11.8	619	104.1	8.4		4324.9

* Values Exceed Upper Control Limit

M30

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 9
Well I.D. M31

IRIGARAY RANCH
PERIMETER ORE ZONE 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	15.6	690	107.2			

Date						
08 MAR 2006	12.0	617	96.5	8.6		4321.2
20 JUN 2006	11.9	618	99.7	8.5		4321.2
19 SEP 2006	12.8	618	112.4	8.4		4320.4

* Values Exceed Upper Control Limit

M31

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 9
Well I.D. M32

IRIGARAY RANCH
PERIMETER ORE ZONE 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	16.1	707	107.4			

Date						
08 MAR 2006	11.3	615	90.2	8.3		4326.9
26 JUN 2006	11.4	618	98.3	8.5		4326.9
20 SEP 2006	11.4	621	97.8	8.0		4327.0

* Values Exceed Upper Control Limit

M32

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 9
Well I.D. M33

IRIGARAY RANCH
PERIMETER ORE ZONE 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	15.9	686	112			

Date						
08 MAR 2006	11.3	603	93.1	8.6		4320.0
20 JUN 2006	11.0	606	100.6	8.6		4320.0
20 SEP 2006	11.2	606	95.7	8.1		4320.5

* Values Exceed Upper Control Limit

M33

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 1
Well I.D. T31

IRIGARAY RANCH
PERIMETER ORE ZONE 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	21.8	779	106.1			

Date

06 MAR 2006	28.5 *	770	80.0	8.4		4297.7
20 JUN 2006	27.8 *	855 *	86.0	8.5		4297.7
21 JUN 2006	19.7	743	91.3	8.6		4297.7
21 JUN 2006	19.6	740	92.2	8.6		4297.7
25 SEP 2006	21.8	905 *	84.0	8.3		4297.1

* Values Exceed Upper Control Limit

T31

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. RS27

IRIGARAY RANCH
PERIMETER ORE ZONE 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	16.9	646	101.2			

Date

08 MAR 2006	11.0	610	87.4	8.5		4309.1
20 JUN 2006	11.5	588	104.2 *	8.6		4308.6
20 SEP 2006	11.0	583	96.5	8.2		4308.8

* Values Exceed Upper Control Limit

RS27

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 9
Well I.D. 16-151

IRIGARAY RANCH
PERIMETER ORE ZONE 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	702	110.2			

Date

08 MAR 2006	11.3	600	88.6	8.5		4325.2
26 JUN 2006	11.4	597	96.1	8.6		4325.6
19 SEP 2006	11.2	597	97.0	8.1		4325.4

* Values Exceed Upper Control Limit

16-151

Negative U3O8 Grades Indicate Less Than Detection Limit.

IRIGARAY PROJECT

Interior Shallow Sand Monitor Wells

Mine Unit 1
Well I.D. SSM2

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	20.3	2075	128.4			

Date						
06 MAR 2006	22.9	*	1993	112.6	7.6	4310.4
20 JUN 2006	26.6	*	2063	183.1	7.4	4310.7
22 JUN 2006	24.8	*	2012	126.9	7.8	4310.7
22 JUN 2006	24.5	*	2011	125.8	7.8	4310.7
20 SEP 2006	24.5	*	2003	123.4	7.2	4310.1

* Values Exceed Upper Control Limit

SSM2

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. SSM3

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	38.5	1451	219.1			

Date						
08 MAR 2006	68.2	*	1925	136.6	7.8	4312.2
20 JUN 2006	67.8	*	1918	149.7	7.8	4312.2
20 SEP 2006	69.0	*	1933	154.3	7.6	4311.9

* Values Exceed Upper Control Limit

SSM3

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. SSM4

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	23.5	883	275.5			

Date

06 MAR 2006	16.0	676	234.4	8.4		4303.6
20 JUN 2006	16.1	696	279.8	8.4		4303.6
20 SEP 2006	16.9	699	273.4	8.2		4303.0

* Values Exceed Upper Control Limit

SSM4

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. SSM5

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	21.5	825	254.9			

Date

06 MAR 2006	14.9	694	208.4	8.0		4312.1
20 JUN 2006	15.7	687	227.5	8.3		4312.1
20 SEP 2006	16.1	695	232.2	7.9		4312.2

* Values Exceed Upper Control Limit

SSM5

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 4
Well I.D. SSM6

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	16.3	2445	122.2			

Date

06 MAR 2006	11.9	1991	88.5	7.6		4312.8
20 JUN 2006	12.4	1990	96.7	7.8		4312.8
25 SEP 2006	11.9	2012	102.8	7.6		4312.5

* Values Exceed Upper Control Limit

SSM6

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. SSM7

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	17.1	2604	119.4			

Date

06 MAR 2006	14.2	2241	106.8	7.6		4313.6
26 JUN 2006	14.3	2249	114.2	7.9		4311.9
25 SEP 2006	13.5	2253	105.7	7.6		4312.6

* Values Exceed Upper Control Limit

SSM7

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. SSM8

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	16.6	2389	112.2			

Date

06 MAR 2006	23.3	*	2349	112.0	7.7	4312.8
26 JUN 2006	16.2		2333	131.5	7.9	4312.5
25 SEP 2006	23.0	*	2360	112.0	7.7	4312.5

* Values Exceed Upper Control Limit

SSM8

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. SSM9

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	15	2008	117.8			

Date

06 MAR 2006	9.3		1491	93.6	7.7	4315.4
26 JUN 2006	9.8		1496	101.0	8.0	4314.6
25 SEP 2006	9.1		1495	96.0	7.7	4314.9

* Values Exceed Upper Control Limit

SSM9

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. SSM10

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	15.5	1955	177.4			

Date

06 MAR 2006	10.3	1464	98.2	7.8		4315.2
26 JUN 2006	11.4	1485	104.6	8.0		4314.3
20 SEP 2006	10.9	1498	107.2	7.5		4314.4

* Values Exceed Upper Control Limit

SSM10

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. SSM11

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	16.2	2784	122.9			

Date

06 MAR 2006	14.7	2423	84.3	7.6		4316.9
26 JUN 2006	17.9 *	2462	94.3	7.9		4315.3
20 SEP 2006	16.7 *	2465	94.4	7.3		4316.3

* Values Exceed Upper Control Limit

SSM11

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 8
Well I.D. SSM18

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

08 MAR 2006	19.6	•	2052	•	140.4	•	7.7	4320.3
26 JUN 2006	19.8	•	2034	•	155.4	•	7.7	4315.7
20 SEP 2006	20.4	•	2048	•	157.2	•	7.5	4316.0

* Values Exceed Upper Control Limit

SSM18

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 8
Well I.D. SSM19

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	13.7	1636	114.1			

Date

06 MAR 2006	8.9		1480		78.7		8.0	4317.4
26 JUN 2006	9.4		1490		88.9		8.3	4316.8
20 SEP 2006	8.8		1495		80.8		7.5	4316.8

* Values Exceed Upper Control Limit

SSM19

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 9
Well I.D. SSM34

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	13.2	1698	110.4			

Date

08 MAR 2006	9.1	1211	81.6	8.0		4316.5
26 JUN 2006	9.1	1212	85.5	8.1		4314.8
20 SEP 2006	10.0	1217	91.6	7.3		4315.6

* Values Exceed Upper Control Limit

SSM34

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 9
Well I.D. SSM35

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	14.4	1688	132.7			

Date

06 MAR 2006	10.0	1252	102.2	8.0		4316.8
26 JUN 2006	11.4	1260	110.3	8.3		4316.0
20 SEP 2006	11.2	1262	120.6	8.0		4316.0

* Values Exceed Upper Control Limit

SSM35

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 9
Well I.D. SSM36

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	13.7	1565	119.6			

Date

08 MAR 2006	8.8	1262	99.6	8.1		4318.0
26 JUN 2006	10.1	1258	109.9	8.2		4316.7
20 SEP 2006	9.5	1260	119.0	8.0		4317.9

* Values Exceed Upper Control Limit

SSM36

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 7
Well I.D. SSM37

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	14.3	1813	120			

Date

06 MAR 2006	9.7	1408	100.2	7.8		4312.6
26 JUN 2006	11.0	1407	114.3	8.0		4311.8
20 SEP 2006	10.4	1399	116.8	7.8		4312.1

* Values Exceed Upper Control Limit

SSM37

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 7
Well I.D. SSM38

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	16.2	2800	118.8			

Date

06 MAR 2006	11.0	2151	95.5	7.7		4314.7
26 JUN 2006	11.4	2139	101.4	8.0		4314.1
20 SEP 2006	11.4	2127	104.6	7.6		4314.4

* Values Exceed Upper Control Limit

SSM38

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 7
Well I.D. SSM39

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	14.5	2071	104.4			

Date

08 MAR 2006	11.7	1802	95.5	7.8		4312.1
26 JUN 2006	12.3	1800	106.4	8.0		4311.8
20 SEP 2006	12.5	1794	116.9	7.5		4312.6

* Values Exceed Upper Control Limit

SSM39

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 8
Well I.D. SSM40

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	13.6	1672	109.2			

Date						
08 MAR 2006	10.3	1382	91.4	7.9		4318.2
26 JUN 2006	12.3	1529	99.9	8.1		4317.3
20 SEP 2006	13.0	1495	108.1	7.6		4317.8

* Values Exceed Upper Control Limit

SSM40

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 4
Well I.D. SSM41

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	24.9	2566	126.8			

Date						
06 MAR 2006	31.9 *	2399	131.6 *	7.6		4313.7
20 JUN 2006	32.6 *	2391	147.5 *	7.5		4311.5
20 SEP 2006	32.6 *	2390	148.7 *	7.5		4312.8

* Values Exceed Upper Control Limit

SSM41

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. SSM42

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

06 MAR 2006	19.9	1100	162.9	8.1		4304.7
20 JUN 2006	18.9	1077	177.1	8.2		4304.4
20 SEP 2006	21.5	1093	192.6	8.1		4304.3

* Values Exceed Upper Control Limit

SSM42

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 1
Well I.D. SSM43

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	25.6	1456	170.4			

Date

06 MAR 2006	34.5	*	1393	118.3	8.0	4311.6
20 JUN 2006	34.2	*	1323	129.8	7.9	4311.5
20 SEP 2006	36.2	*	1377	146.1	7.8	4311.2

* Values Exceed Upper Control Limit

SSM43

Negative U3O8 Grades Indicate Less Than Detection Limit.

IRIGARAY PROJECT

Interior Deep Sand Monitor Wells

Mine Unit 1
Well I.D. DM1

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	16.2	609	207.4			

Date						
06 MAR 2006	9.3	472	116.1	8.6		4315.4
20 JUN 2006	9.3	474	126.8	8.6		4315.5
20 SEP 2006	9.5	476	125.3	8.5		4316.0

* Values Exceed Upper Control Limit

DM1

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 1
Well I.D. DM2

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	15.1	757	187.1			

Date						
06 MAR 2006	8.4	615	181.2	8.4		4307.1
20 JUN 2006	8.5	610	194.9 *	8.5		4307.1
20 SEP 2006	8.8	617	202.0 *	8.3		4307.6

* Values Exceed Upper Control Limit

DM2

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. DM3

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	15.8	677	240.9			

Date						
06 MAR 2006	11.5	530	137.4	8.4		4311.4
20 JUN 2006	12.1	534	156.0	8.4		4311.4
20 SEP 2006	12.9	537	165.6	8.4		4312.1

* Values Exceed Upper Control Limit

DM3

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 4
Well I.D. DM4

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	14.4	603	117.6			

Date						
06 MAR 2006	9.4	512	95.3	8.8		4314.7
20 JUN 2006	10.0	514	107.3	8.9		4314.7
20 SEP 2006	10.0	514	110.0	8.8		4314.6

* Values Exceed Upper Control Limit

DM4

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. DM5

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	15.7	675	206			

Date						
08 MAR 2006	8.1	614	182.2	8.0		4303.2
20 JUN 2006	8.6	616	211.2 *	8.2		4303.2
20 SEP 2006	8.7	614	211.1 *	7.8		4304.2

* Values Exceed Upper Control Limit

DM5

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. DM9

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	16.3	647	132.7			

Date						
06 MAR 2006	9.6	517	92.6	8.7		4321.6
26 JUN 2006	9.9	553	101.1	8.8		4321.6
20 SEP 2006	10.1	523	106.6	8.7		4321.1

* Values Exceed Upper Control Limit

DM9

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. DM10

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						
06 MAR 2006	14.3	620 *	127.6 *	8.1		4320.3
26 JUN 2006	14.5	621 *	136.5 *	8.4		4319.1
20 SEP 2006	14.4	624 *	134.7 *	8.1		4319.8

* Values Exceed Upper Control Limit

DM10

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 7
Well I.D. DM11

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	15	607	104.7			

Date						
08 MAR 2006	10.5	542	94.4	8.6		4318.0
26 JUN 2006	11.0	544	106.4 *	8.7		4317.3
20 SEP 2006	10.6	545	99.0	8.5		4317.7

* Values Exceed Upper Control Limit

DM11

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 8
Well I.D. DM13

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	15.1	624	113.5			

Date						
08 MAR 2006	9.9	535	94.6	8.6		4321.4
26 JUN 2006	10.0	534	104.4	8.7		4321.4
20 SEP 2006	10.6	532	107.8	8.4		4321.6

* Values Exceed Upper Control Limit

DM13

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 8
Well I.D. DM14

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	15.5	619	109.5			

Date						
08 MAR 2006	10.5	552	94.0	8.8		4319.3
26 JUN 2006	11.0	555	105.7	8.9		4318.8
20 SEP 2006	10.5	556	96.6	8.5		4319.5

* Values Exceed Upper Control Limit

DM14

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 9
Well I.D. DM15

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	15.1	618	110.6			

Date						
08 MAR 2006	10.6	555	93.0	8.7		4324.4
26 JUN 2006	10.7	554	104.3	8.8		4323.8
20 SEP 2006	11.0	557	111.2	8.5		4324.5

* Values Exceed Upper Control Limit

DM15

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 9
Well I.D. DM16

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	15.7	646	111			

Date						
08 MAR 2006	10.4	560	86.7	8.7		4326.1
26 JUN 2006	10.8	558	96.7	8.8		4324.5
20 SEP 2006	11.4	560	97.4	8.7		4325.9

* Values Exceed Upper Control Limit

DM16

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. DM17

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	15	618	108.2			

Date						
06 MAR 2006	9.4	527	110.3	*	8.7	4316.0
26 JUN 2006	9.8	528	118.7	*	8.6	4316.0
20 SEP 2006	10.4	533	123.3	*	8.1	4316.0

* Values Exceed Upper Control Limit

DM17

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 4
Well I.D. DM18

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	14.5	598	105.6			

Date						
06 MAR 2006	9.8	520	93.6		8.5	4313.8
20 JUN 2006	10.1	521	105.0		8.7	4313.5
20 SEP 2006	10.3	523	105.7	*	8.5	4312.7

* Values Exceed Upper Control Limit

DM18

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. DM19

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	31.7	1207	245.3			

Date

06 MAR 2006	10.1	506	115.7	8.3		4278.1
20 JUN 2006	10.1	505	126.0	8.4		4275.6
20 SEP 2006	11.0	505	132.9	8.5		4275.8

* Values Exceed Upper Control Limit

DM19

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. DM20

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	17.5	609	135.6			

Date

06 MAR 2006	9.8	509	101.2	8.5		4316.0
20 JUN 2006	9.8	511	109.8	8.7		4316.0
20 SEP 2006	9.7	511	110.3	8.6		4315.5

* Values Exceed Upper Control Limit

DM20

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 7
Well I.D. DM21

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	15.6	628	126.7			

Date

08 MAR 2006	10.6	549	89.6	8.7		4322.6
26 JUN 2006	10.8	548	98.5	8.7		4322.6
20 SEP 2006	10.6	549	94.5	8.4		4319.5

* Values Exceed Upper Control Limit

DM21

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. DM22

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	15.1	654	117			

Date

08 MAR 2006	10.1	534	91.8	8.5		4319.9
26 JUN 2006	10.7	535	103.6	8.7		4319.9
25 SEP 2006	10.1	532	97.6	8.4		4319.2

* Values Exceed Upper Control Limit

DM22

Negative U3O8 Grades Indicate Less Than Detection Limit.

IRIGARAY PROJECT

USMT – 517 Wells

**USMT Site
Well I.D. M-219**

**IRIGARAY RANCH
MONITOR WELL**

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	Mg/l	µmho/cm	mg/l as CaCO3		mg/l	msl

Date

29-Jun-2006 12.8 660 83.4 7.3

Negative U3O8 Grades Indicate Less Than Detection Limit.

**USMT Site
Well I.D. M-220**

**IRIGARAY RANCH
MONITOR WELL**

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	Mg/l	µmho/cm	mg/l as CaCO3		mg/l	msl

Date

29-Jun-2006 15.4 883 101.7 7.1

Negative U3O8 Grades Indicate Less Than Detection Limit.

**USMT Site
Well I.D. M-221**

**IRIGARAY RANCH
MONITOR WELL**

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	Mg/l	µmho/cm	mg/l as CaCO3		mg/l	msl

Date

29-Jun-2006 10.7 632 94.2 7.9

Negative U3O8 Grades Indicate Less Than Detection Limit.

**517 Site
Well I.D. M-1**

**IRIGARAY RANCH
MONITOR WELL**

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	Mg/l	µmho/cm	mg/l as CaCO3		mg/l	msl

Date

29-Jun-2006 34.6 870 144.2 8.2

Negative U3O8 Grades Indicate Less Than Detection Limit.

**517 Site
Well I.D. NM-3**

**IRIGARAY RANCH
MONTOR WELL**

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	Mg/l	µmho/cm	mg/l as CaCO3		mg/l	msl

Date

29-Jun-2006 10.7 647 83.0 8.2

Negative U3O8 Grades Indicate Less Than Detection Limit.

**517 Site
Well I.D. M-4**

**IRIGARAY RANCH
MONITOR WELL**

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	Mg/l	µmho/cm	mg/l as CaCO3		mg/l	msl

Date

29-Jun-2006 26.1 924 112.1 8.1

Negative U3O8 Grades Indicate Less Than Detection Limit.

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	Mg/l	µmho/cm	mg/l as CaCO3		mg/l	msl

Date

06-Mar-2006	42.1			8.0		4308.5
20-Jun-2006	42.8			8.3		4308.5
20-Sept-2006	43.1			7.4		4307.8

Negative U3O8 Grades Indicate Less Than Detection Limits.

IRIGARAY PROJECT

Trend Wells

MINE UNIT 3
Well I.D. RS19

IRIGARAY RANCH
TREND WELL

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	Mg/l	µmho/cm	mg/l as CaCO3		mg/l	msl

Date

06-Mar-2006	40.7			8.6		4306.8
20-Jun-2006	42.0			8.7		4306.8
20-Sept-2006	41.2			7.9		4306.4

Negative U3O8 Grades Indicate Less Than Detection Limit.

MINE UNIT 2
Well I.D. RS34

IRIGARAY RANCH
TREND WELL

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	Mg/l	µmho/cm	mg/l as CaCO3		mg/l	msl

DATE

06-Mar-2006	59.2			8.5		4305.2
20-Jun-2006	69.8			8.5		4305.2
25-Sept-2006	72.6			8.4		4304.6

Negative U3O8 Grades Indicate Less Than Detection Limit.

MINE UNIT 3
Well I.D. RS39

IRIGARAY RANCH
TREND WELL

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	Mg/l	µmho/cm	mg/l as CaCO3		mg/l	msl

DATE

08-Mar-2006	46.9			7.8		4308.9
20-Jun-2006	61.7			7.8		4308.0
20-Sept-2006	63.0			7.8		4308.0

Negative U3O8 Grades Indicate Less Than Detection Limit.

IRIGARAY RANCH

Well I.D. SM-1

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	Mg/l	µmho/cm	mg/l as CaCO3		mg/l	msl

Date

06-Mar-2006	42.1			8		4308.5
20-Jun-2006	42.8			8.3		4308.5
20-Sept-2006	43.1			8.4		4307.8

Negative U3O8 Grades Indicate Less Than Detection Limit.

MINE UNIT 1
Well I.D. SM2

IRIGARAY RANCH
TREND WELL

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	Mg/l	µmho/cm	mg/l as CaCO3		mg/l	msl

DATE

06-Mar-2006	19.6			8.1		4308.2
20-Jun-2006	20.2			8.4		4308.0
20-Sept-2006	26.8			7.6		4307.8

Negative U3O8 Grades Indicate Less Than Detection Limit.

MINE UNIT 2
Well I.D. SM7

IRIGARAY RANCH
TREND WELL

Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	pH	Uranium	Piezometric Elevation
Units	Mg/l	µmho/cm	mg/l as CaCO3		mg/l	msl

DATE

08-Mar-2006	56.1			8.4		4305.0
20-Jun-2006	54.3			8.5		4308.0
20-Sept-2006	55.4			8.2		4305.0

Negative U3O8 Grades Indicate Less Than Detection Limit.

CHRISTENSEN PROJECT

Perimeter Ore Zone Monitor Wells

Mine Unit 3
Well I.D. MW17-2

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.4	777	129.7			

Date						
18 JAN 2006	10.0	662	88.7	8.6		4551.7
12 APR 2006	9.9	666	100.0	8.5		4554.3
27 JUL 2006	10.0	669	101.6	8.9		4560.5
17 OCT 2006	9.0	659	93.3	8.8		4562.5

* Values Exceed Upper Control Limit

MW17-2

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW18

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.4	777	129.7			

Date						
24 JAN 2006	9.7	664	90.9	8.4		4550.3
12 APR 2006	10.2	660	101.1	8.4		4553.5
25 JUL 2006	10.0	662	103.4	8.6		4559.1
17 OCT 2006	9.3	662	94.4	8.7		4560.7

* Values Exceed Upper Control Limit

MW18

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW19

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.4	777	129.7			

Date						
24 JAN 2006	10.1	663	97.3	8.1		4549.5
12 APR 2006	9.9	661	102.3	8.1		4553.1
27 JUL 2006	9.7	659	105.7	8.3		4557.5
24 OCT 2006	9.9	662	94.6	8.4		4560.1

* Values Exceed Upper Control Limit

MW19

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW20

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.4	777	129.7			

Date						
24 JAN 2006	10.1	667	99.5	8.2		4548.6
12 APR 2006	10.2	664	109.2	8.3		4551.8
25 JUL 2006	9.6	665	107.2	8.4		4556.9
17 OCT 2006	9.2	667	99.1	8.5		4558.6

* Values Exceed Upper Control Limit

MW20

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW23

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.4	777	129.7			

Date

24 JAN 2006	12.5	650	89.0	8.3		4543.2
12 APR 2006	11.5	648	95.1	8.5		4547.0
25 JUL 2006	10.2	656	98.8	8.6		4547.2
17 OCT 2006	9.3	651	90.0	8.6		4553.0

* Values Exceed Upper Control Limit

MW23

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW24

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.4	777	129.7			

Date

24 JAN 2006	9.8	658	90.5	8.4		4543.3
12 APR 2006	10.6	657	97.4	8.5		4546.9
25 JUL 2006	10.4	658	103.1	8.6		4550.8
17 OCT 2006	9.6	659	93.8	8.6		4553.1

* Values Exceed Upper Control Limit

MW24

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW25

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.4	777	129.7			

Date

24 JAN 2006	9.9	657	91.5	8.2		4544.3
10 APR 2006	10.0	655	93.2	8.1		4548.0
25 JUL 2006	10.3	657	96.7	8.5		4552.1
17 OCT 2006	9.1	659	92.2	8.5		4554.4

* Values Exceed Upper Control Limit

MW25

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW26

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.4	777	129.7			

Date

24 JAN 2006	10.4	656	88.4	8.3		4545.6
10 APR 2006	10.9	655	98.0	8.2		4549.4
25 JUL 2006	10.3	657	100.9	8.5		4554.2
17 OCT 2006	9.4	665	93.0	8.5		4556.0

* Values Exceed Upper Control Limit

MW26

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW27

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.4	777	129.7			

Date						
24 JAN 2006	12.5	664	92.3	8.2		4548.9
10 APR 2006	12.7	663	98.1	8.1		4552.5
25 JUL 2006	12.8	669	106.7	8.5		4557.7
17 OCT 2006	11.7	669	99.2	8.5		4557.7

* Values Exceed Upper Control Limit

MW27

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW28

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.4	777	129.7			

Date						
16 JAN 2006	10.2	719	98.7	8.0		4552.4
10 APR 2006	10.3	706	95.9	8.0		4556.6
26 JUL 2006	10.4	709	102.2	8.5		4561.4
16 OCT 2006	10.3	714	95.4	8.3		4563.3

* Values Exceed Upper Control Limit

MW28

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW29

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.4	777	129.7			

Date

16 JAN 2006	9.6	667	96.0	8.1		4554.3
10 APR 2006	10.2	658	100.1	8.1		4558.0
26 JUL 2006	10.4	661	103.1	8.5		4563.9
16 OCT 2006	9.3	661	95.8	8.4		4565.1

* Values Exceed Upper Control Limit

MW29

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW30

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.4	777	129.7			

Date

16 JAN 2006	9.5	675	98.4	8.1		4556.1
10 APR 2006	10.0	666	101.4	8.1		4560.2
26 JUL 2006	9.7	669	110.1	8.5		4565.7
16 OCT 2006	9.3	669	100.8	8.4		4567.4

* Values Exceed Upper Control Limit

MW30

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW31

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.4	777	129.7			

Date

16 JAN 2006	9.5	676	99.0	8.0		4558.5
10 APR 2006	10.0	669	100.3	8.1		4562.3
26 JUL 2006	9.9	672	104.4	8.5		4568.6
16 OCT 2006	9.0	669	98.9	8.5		4569.9

* Values Exceed Upper Control Limit

MW31

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW32

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.4	777	129.7			

Date

16 JAN 2006	9.2	676	105.0	8.1		4559.6
13 APR 2006	9.6	670	106.2	8.3		4562.8
26 JUL 2006	10.0	670	108.8	8.5		4569.1
16 OCT 2006	8.9	669	101.6	8.5		4570.6

* Values Exceed Upper Control Limit

MW32

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW35

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.4	777	129.7			

Date

16 JAN 2006	14.0	*	729	122.0	8.0	4556.0
12 APR 2006	13.5	*	713	127.1	8.2	4557.0
26 JUL 2006	13.1		711	135.5	8.4	4565.0
17 OCT 2006	11.2		707	120.6	8.4	4566.8

* Values Exceed Upper Control Limit

MW35

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW36

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.4	777	129.7			

Date

24 JAN 2006	9.7		665	94.9	8.1	4560.7
12 APR 2006	10.0		666	104.4	8.2	4562.9
26 JUL 2006	10.3		665	113.7	8.4	4569.4
17 OCT 2006	9.3		667	100.1	8.4	4571.1

* Values Exceed Upper Control Limit

MW36

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW37

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.4	777	129.7			

Date

24 JAN 2006	10.2	671	100.4	8.1		4553.8
12 APR 2006	12.4	670	106.3	8.1		4556.5
26 JUL 2006	11.3	669	114.9	8.4		4562.7
17 OCT 2006	10.0	670	101.1	8.4		4564.5

* Values Exceed Upper Control Limit

MW37

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW38

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.4	777	129.7			

Date

24 JAN 2006	9.7	662	105.6	8.4		4553.0
10 APR 2006	10.1	661	99.7	8.2		4556.0
31 JUL 2006	10.2	664	102.8	8.6		4561.8
16 OCT 2006	9.3	666	97.1	8.6		4563.6

* Values Exceed Upper Control Limit

MW38

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW39

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.4	777	129.7			

Date						
24 JAN 2006	7.9	663	99.2	8.4		4553.5
10 APR 2006	10.4	663	99.1	8.2		4557.3
27 JUL 2006	10.4	665	103.4	8.7		4562.5
16 OCT 2006	9.3	665	96.7	8.6		4564.1

* Values Exceed Upper Control Limit

MW39

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW40

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.4	777	129.7			

Date						
16 JAN 2006	9.4	673	99.5	8.1		4554.3
17 APR 2006	9.9	673	99.7	8.5		4558.2
26 JUL 2006	9.8	667	104.0	8.6		4563.3
17 OCT 2006	8.9	667	97.7	8.6		4565.0

* Values Exceed Upper Control Limit

MW40

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW41

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.4	777	129.7			

Date						
16 JAN 2006	9.0	678	102.0	8.0		4561.6
13 APR 2006	9.7	671	107.7	8.3		4564.6
26 JUL 2006	9.9	674	115.8	8.4		4571.0
16 OCT 2006	9.2	673	103.1	8.5		4572.4

* Values Exceed Upper Control Limit

MW41

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW42

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.4	777	129.7			

Date						
16 JAN 2006	9.5	665	97.7	8.2		4563.4
17 APR 2006	9.7	656	100.2	8.5		4565.9
26 JUL 2006	9.9	664	115.0	8.6		4572.7
16 OCT 2006	9.8	663	115.0	8.6		4574.3

* Values Exceed Upper Control Limit

MW42

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW43

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.4	777	129.7			

Date

16 JAN 2006	9.3	668	102.0	8.0		4565.1
17 APR 2006	9.9	660	103.1	8.4		4568.0
26 JUL 2006	9.9	663	106.8	8.4		4574.8
16 OCT 2006	8.6	662	97.7	8.5		4576.4

* Values Exceed Upper Control Limit

MW43

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW44

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.4	777	129.7			

Date

16 JAN 2006	9.3	671	98.1	7.7		4553.3
17 APR 2006	10.6	662	99.6	8.2		4556.1
26 JUL 2006	9.6	665	104.6	8.3		4562.1
17 OCT 2006	8.9	663	94.8	8.3		4563.6

* Values Exceed Upper Control Limit

MW44

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW45

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.4	777	129.7			

Date

24 JAN 2006	9.8	664	92.9	8.2		4555.7
17 APR 2006	10.3	663	101.6	8.3		4558.6
26 JUL 2006	10.1	670	108.5	8.4		4564.3
17 OCT 2006	8.9	665	97.3	8.4		4565.3

* Values Exceed Upper Control Limit

MW45

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW62

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.4	777	129.7			

Date

16 JAN 2006	9.1	669	93.1	8.4		4560.2
12 APR 2006	9.6	661	96.0	8.7		4562.6
27 JUL 2006	9.8	659	104.7	8.9		4569.1
16 OCT 2006	8.8	659	88.6	9.0		4570.6

* Values Exceed Upper Control Limit

MW62

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW63

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.4	777	129.7			

Date

16 JAN 2006	9.2	668	94.8	8.3		4569.5
12 APR 2006	9.6	656	94.9	8.6		4565.0
27 JUL 2006	10.0	661	99.6	8.9		4571.9
16 OCT 2006	8.7	663	94.8	8.8		4573.1

* Values Exceed Upper Control Limit

MW63

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW64

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.4	777	129.7			

Date

16 JAN 2006	9.1	675	102.0	7.8		4565.6
12 APR 2006	9.4	667	106.3	8.1		4568.1
27 JUL 2006	9.3	669	112.1	8.4		4575.2
16 OCT 2006	9.1	669	111.1	8.5		4576.4

* Values Exceed Upper Control Limit

MW64

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW73

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.6	823	121.3			

Date						
20 MAR 2006	10.1	671	92.0	8.8		4559.8
19 JUN 2006	10.2	670	98.8	8.9		4563.4
26 SEP 2006	9.4	666	96.9	8.8		4567.2
12 DEC 2006	9.3	665	97.5	8.7		4569.4

* Values Exceed Upper Control Limit

MW73

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW74

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.6	823	121.3			

Date						
20 MAR 2006	9.8	666	90.4	9.0		4559.9
19 JUN 2006	9.9	670	102.3	9.0		4563.7
26 SEP 2006	9.4	667	100.2	8.9		4567.3
12 DEC 2006	9.2	669	98.7	8.8		4569.7

* Values Exceed Upper Control Limit

MW74

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW75

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.6	823	121.3			

Date						
20 MAR 2006	9.6	675	89.8	8.6		4558.6
19 JUN 2006	9.9	676	101.8	8.8		4562.3
25 SEP 2006	9.5	667	101.3	8.8		4566.0
12 DEC 2006	9.1	674	97.9	8.6		4568.2

* Values Exceed Upper Control Limit

MW75

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW76

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.6	823	121.3			

Date						
20 MAR 2006	8.6	726	86.5	8.6		4559.1
19 JUN 2006	9.0	727	98.8	8.4		4562.9
25 SEP 2006	8.7	726	102.1	8.1		4566.5
12 DEC 2006	8.3	725	95.7	8.5		4567.4

* Values Exceed Upper Control Limit

MW76

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW77

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.6	823	121.3			

Date						
20 MAR 2006	8.8	739	88.6	8.4		4558.3
19 JUN 2006	8.9	741	98.9	8.0		4561.5
25 SEP 2006	8.6	739	99.0	8.0		4565.6
12 DEC 2006	8.2	736	93.8	8.3		4568.2

* Values Exceed Upper Control Limit

MW77

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW78

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.6	823	121.3			

Date						
20 MAR 2006	9.1	698	86.0	8.5		4554.2
19 JUN 2006	9.4	705	99.0	8.6		4557.6
25 SEP 2006	9.1	701	100.4	8.6		4561.4
12 DEC 2006	8.7	702	95.3	8.4		4563.5

* Values Exceed Upper Control Limit

MW78

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW79

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.6	823	121.3			

Date

20 MAR 2006	8.8	717	86.8	8.4		4552.4
19 JUN 2006	9.2	720	99.8	8.5		4555.9
25 SEP 2006	9.0	717	102.8	8.5		4559.2
12 DEC 2006	8.3	718	95.7	8.3		4561.0

* Values Exceed Upper Control Limit

MW79

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW80

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.6	823	121.3			

Date

20 MAR 2006	10.0	679	91.7	8.4		4549.2
19 JUN 2006	10.2	679	101.9	8.5		4552.3
25 SEP 2006	9.7	676	101.5	8.2		4555.8
12 DEC 2006	9.0	680	95.7	8.3		4557.7

* Values Exceed Upper Control Limit

MW80

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW81

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.6	823	121.3			

Date						
20 MAR 2006	9.9	668	87.7	8.5		4548.3
19 JUN 2006	10.1	671	100.5	8.6		4551.6
25 SEP 2006	9.9	668	103.7	8.6		4554.7
12 DEC 2006	9.2	671	94.8	8.4		4556.5

* Values Exceed Upper Control Limit

MW81

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW82

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.6	823	121.3			

Date						
14 MAR 2006	10.2	652	84.6	8.5		4542.3
19 JUN 2006	10.6	651	97.6	8.0		4545.2
25 SEP 2006	10.1	651	98.0	8.4		4548.7
11 DEC 2006	9.8	653	93.0	8.5		4550.4

* Values Exceed Upper Control Limit

MW82

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW83

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.6	823	121.3			

Date

14 MAR 2006	10.1	658	86.6	8.6		4543.2
19 JUN 2006	10.7	658	99.0	8.6		4546.3
25 SEP 2006	10.3	658	99.2	8.6		4549.7
11 DEC 2006	9.8	659	95.1	8.4		4551.3

* Values Exceed Upper Control Limit

MW83

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW84

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.6	823	121.3			

Date

14 MAR 2006	10.1	662	88.6	8.5		4543.3
19 JUN 2006	10.7	662	102.2	8.5		4546.5
25 SEP 2006	10.3	663	101.8	8.4		4549.8
11 DEC 2006	9.7	665	98.2	8.4		4551.3

* Values Exceed Upper Control Limit

MW84

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW85

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.6	823	121.3			

Date

14 MAR 2006	10.4	655	87.8	8.5		4543.3
19 JUN 2006	10.4	658	98.4	8.5		4546.4
25 SEP 2006	10.7	655	103.3	8.5		4549.8
11 DEC 2006	9.9	658	95.4	8.4		4551.5

* Values Exceed Upper Control Limit

MW85

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW86

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.6	823	121.3			

Date

14 MAR 2006	10.1	657	88.3	8.4		4544.9
19 JUN 2006	11.7	658	110.6	8.5		4548.4
26 SEP 2006	11.4	661	104.4	8.2		4551.7
11 DEC 2006	9.6	662	95.9	8.3		4553.3

* Values Exceed Upper Control Limit

MW86

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW87

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.6	823	121.3			

Date						
14 MAR 2006	10.4	661	90.7	8.3		4547.8
19 JUN 2006	11.1	661	100.7	8.3		4551.1
26 SEP 2006	9.3	663	97.4	8.4		4554.6
12 DEC 2006	9.9	663	98.0	8.1		4555.6

* Values Exceed Upper Control Limit

MW87

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW88

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.6	823	121.3			

Date						
14 MAR 2006	10.0	662	90.6	8.4		4550.4
19 JUN 2006	10.2	665	100.9	8.5		4553.8
26 SEP 2006	9.4	663	96.6	8.4		4557.5
12 DEC 2006	9.4	663	97.7	8.3		4559.5

* Values Exceed Upper Control Limit

MW88

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW89

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.6	823	121.3			

Date						
14 MAR 2006	12.7	711	109.6	8.4		4553.7
19 JUN 2006	13.1	718	125.8 *	8.4		4557.1
26 SEP 2006	12.1	726	123.0 *	8.4		4560.7
12 DEC 2006	12.6	732	129.6 *	8.2		4562.9

* Values Exceed Upper Control Limit

MW89

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW90

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.6	823	121.3			

Date						
20 MAR 2006	9.8	676	88.5	8.4		4546.1
19 JUN 2006	9.8	677	98.1	8.5		4549.5
25 SEP 2006	9.4	679	99.0	8.5		4552.9
12 DEC 2006	9.1	679	95.6	8.3		4554.5

* Values Exceed Upper Control Limit

MW90

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW101

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.6	778	124.6			

Date						
20 MAR 2006	9.6	672	84.6	8.4		4544.5
19 JUN 2006	10.3	663	97.4	8.3		4547.6
20 SEP 2006	9.5	664	89.1	8.3		4550.9
11 DEC 2006	9.6	663	93.2	8.5		4552.7

* Values Exceed Upper Control Limit

MW101

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW102

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.6	778	124.6			

Date						
20 MAR 2006	9.7	661	82.9	8.4		4541.2
19 JUN 2006	10.2	660	95.7	7.6		4544.2
20 SEP 2006	9.5	668	88.8	8.3		4547.2
11 DEC 2006	9.4	668	93.2	8.4		4548.9

* Values Exceed Upper Control Limit

MW102

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW103

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.6	778	124.6			

Date						
20 MAR 2006	9.9	664	85.1	8.6		4541.5
19 JUN 2006	10.3	663	98.9	8.4		4544.3
20 SEP 2006	8.9	664	94.2	8.4		4547.5
11 DEC 2006	9.5	662	92.7	8.5		4549.1

* Values Exceed Upper Control Limit

MW103

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW104

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.6	778	124.6			

Date						
20 MAR 2006	9.5	688	83.7	8.5		4537.6
19 JUN 2006	9.4	689	91.8	8.0		4540.4
20 SEP 2006	9.5	691	89.0	8.3		4543.6
11 DEC 2006	9.0	691	92.8	8.6		4544.9

* Values Exceed Upper Control Limit

MW104

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW105

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.6	778	124.6			

Date

20 MAR 2006	9.9	676	85.6	8.1		4535.8
19 JUN 2006	10.2	680	98.1	8.5		4538.4
26 SEP 2006	9.4	677	92.9	8.6		4541.5
11 DEC 2006	9.4	676	94.6	8.4		4542.8

* Values Exceed Upper Control Limit

MW105

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW106

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.6	778	124.6			

Date

20 MAR 2006	10.0	662	83.9	8.4		4534.9
19 JUN 2006	10.8	665	99.9	8.6		4537.7
26 SEP 2006	9.3	667	96.2	8.6		4540.6
11 DEC 2006	9.5	667	93.0	8.4		4540.6

* Values Exceed Upper Control Limit

MW106

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW107

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.6	778	124.6			

Date						
20 MAR 2006	10.1	653	81.7	8.4		4536.3
19 JUN 2006	10.7	653	93.7	8.5		4538.9
26 SEP 2006	10.5	655	98.1	8.5		4541.8
11 DEC 2006	9.7	655	92.0	8.4		4542.6

* Values Exceed Upper Control Limit

MW107

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW108

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.6	778	124.6			

Date						
14 MAR 2006	10.3	662	87.2	8.5		4535.7
19 JUN 2006	10.7	662	98.8	8.6		4537.9
25 SEP 2006	10.6	657	106.1	8.2		4541.3
11 DEC 2006	10.1	665	99.5	8.5		4542.8

* Values Exceed Upper Control Limit

MW108

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW109

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.6	778	124.6			

Date

14 MAR 2006	10.3	733	78.2	8.4		4535.8
19 JUN 2006	11.1	729	90.9	8.3		4539.6
25 SEP 2006	9.9	732	86.8	8.0		4541.6
11 DEC 2006	10.1	719	86.6	8.4		4543.1

* Values Exceed Upper Control Limit

MW109

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW110

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.6	778	124.6			

Date

14 MAR 2006	10.4	651	82.4	8.6		4538.0
19 JUN 2006	10.8	653	94.4	8.6		4540.4
25 SEP 2006	10.2	654	96.2	8.3		4543.8
11 DEC 2006	9.8	657	91.9	8.5		4545.4

* Values Exceed Upper Control Limit

MW110

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW111

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.6	778	124.6			

Date

14 MAR 2006	10.2	653	89.4	8.5		4539.8
19 JUN 2006	10.8	652	96.4	8.6		4541.7
25 SEP 2006	11.1	651	103.0	7.7		4545.7
11 DEC 2006	9.9	652	92.1	8.5		4547.4

* Values Exceed Upper Control Limit

MW111

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW114

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.4	777	129.7			

Date

24 JAN 2006	10.9	667	95.2	8.4		4546.7
12 APR 2006	10.5	663	102.5	8.4		4550.1
25 JUL 2006	11.1	666	110.6	8.5		4555.1
17 OCT 2006	9.3	667	96.4	8.5		4556.8

* Values Exceed Upper Control Limit

MW114

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW115

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.4	777	129.7			

Date						
24 JAN 2006	10.2	668	96.6	8.4		4544.3
12 APR 2006	9.8	667	105.8	8.4		4547.7
25 JUL 2006	10.0	669	111.6	8.5		4552.3
17 OCT 2006	9.0	670	100.6	8.5		4554.0

* Values Exceed Upper Control Limit

MW115

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW116

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	13.4	777	129.7			

Date						
24 JAN 2006	9.8	667	95.6	8.5		4543.9
12 APR 2006	10.6	665	101.8	8.5		4547.5
25 JUL 2006	10.9	670	109.5	8.6		4552.1
17 OCT 2006	9.1	667	94.1	8.7		4553.9

* Values Exceed Upper Control Limit

MW116

Negative U308 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.1	825	116.9			

Date

28 MAR 2006	19.6	*	688	90.1	8.5	4567.8
05 JUN 2006	35.8	*	743	102.7	8.4	4571.2
12 SEP 2006	37.8	*	765	107.1	8.5	4575.0
05 DEC 2006	39.2	*	785	108.5	8.3	4576.6

* Values Exceed Upper Control Limit

4MW-1

Negative U3O8 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.1	825	116.9			

Date

28 MAR 2006	9.4		665	92.9	8.5	4570.9
05 JUN 2006	10.1		668	101.2	8.4	4574.3
12 SEP 2006	9.1		663	98.2	8.6	4576.9
05 DEC 2006	9.0		663	96.9	8.4	4579.9

* Values Exceed Upper Control Limit

4MW-2

Negative U3O8 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.1	825	116.9			

Date

28 MAR 2006	13.0	*	674	87.7	8.6	4567.6
05 JUN 2006	12.2	*	668	96.5	8.6	4571.0
12 SEP 2006	10.7		664	97.9	8.8	4573.6
05 DEC 2006	10.9		664	92.9	8.6	4576.2

* Values Exceed Upper Control Limit

4MW-3

Negative U3O8 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.1	825	116.9			

Date

28 MAR 2006	9.1		673	92.7	8.4	4573.8
05 JUN 2006	9.8		664	99.9	8.4	4577.6
12 SEP 2006	9.0		673	103.2	8.5	4579.8
05 DEC 2006	9.2		672	103.5	8.3	4582.5

* Values Exceed Upper Control Limit

4MW-4

Negative U3O8 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.1	825	116.9			

Date						
28 MAR 2006	9.7	670	91.0	8.5		4569.1
05 JUN 2006	10.4	671	103.9	8.4		4572.4
12 SEP 2006	9.6	668	100.8	8.6		4575.4
05 DEC 2006	9.2	668	94.9	8.4		4577.6

* Values Exceed Upper Control Limit

4MW-5

Negative U3O8 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.1	825	116.9			

Date						
28 MAR 2006	9.0	667	90.6	8.5		4576.5
05 JUN 2006	9.6	666	102.5	8.5		4580.0
12 SEP 2006	8.6	668	96.1	8.6		4582.1
05 DEC 2006	9.2	669	100.4	8.4		4585.0

* Values Exceed Upper Control Limit

4MW-6

Negative U3O8 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.1	825	116.9			

Date

28 MAR 2006	9.5	652	81.2	8.8		4570.8
06 JUN 2006	9.7	660	98.4	8.7		4575.0
12 SEP 2006	9.3	652	90.7	8.8		4576.6
05 DEC 2006	9.5	656	92.0	8.6		4579.3

* Values Exceed Upper Control Limit

4MW-7

Negative U3O8 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.1	825	116.9			

Date

28 MAR 2006	9.2	673	94.0	8.4		4575.7
05 JUN 2006	9.8	665	105.7	8.4		4579.4
12 SEP 2006	9.3	672	105.8	8.5		4581.3
05 DEC 2006	9.2	673	102.6	8.3		4584.3

* Values Exceed Upper Control Limit

4MW-8

Negative U3O8 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.1	825	116.9			

Date

28 MAR 2006	9.7	664	91.1	8.3		4571.5
06 JUN 2006	9.1	663	100.3	8.5		4574.1
12 SEP 2006	9.5	666	98.2	8.3		4577.3
05 DEC 2006	9.5	665	97.0	8.2		4579.9

* Values Exceed Upper Control Limit

4MW-9

Negative U3O8 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.1	825	116.9			

Date

28 MAR 2006	9.7	672	94.0	8.4		4575.9
05 JUN 2006	10.2	672	97.8	8.4		4580.1
12 SEP 2006	9.4	667	99.8	8.6		4581.9
05 DEC 2006	9.2	669	98.3	8.3		4585.1

* Values Exceed Upper Control Limit

4MW-10

Negative U3O8 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.1	825	116.9			

Date						
28 MAR 2006	10.2	660	89.7	8.4		4572.9
06 JUN 2006	10.1	658	99.7	8.6		4575.9
12 SEP 2006	9.3	659	91.5	8.5		4578.6
05 DEC 2006	9.5	661	92.8	8.3		4581.4

* Values Exceed Upper Control Limit

4MW-11

Negative U3O8 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.1	825	116.9			

Date						
22 MAR 2006	9.4	678	97.9	8.5		4578.5
05 JUN 2006	10.3	670	107.8	8.5		4581.3
12 SEP 2006	9.1	668	98.0	8.8		4583.5
05 DEC 2006	9.2	669	95.6	8.6		4586.7

* Values Exceed Upper Control Limit

4MW-12

Negative U3O8 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.1	825	116.9			

Date

28 MAR 2006	9.5	668	87.6	8.3		4573.5
06 JUN 2006	9.9	665	100.6	8.5		4576.3
19 SEP 2006	9.7	656	100.2	8.5		4579.1
05 DEC 2006	9.6	665	95.3	8.2		4581.9

* Values Exceed Upper Control Limit

4MW-13

Negative U3O8 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.1	825	116.9			

Date

22 MAR 2006	9.9	668	98.2	8.1		4580.0
05 JUN 2006	9.9	666	107.4	8.3		4582.9
12 SEP 2006	9.0	667	102.6	8.4		4584.8
05 DEC 2006	9.3	668	103.1	8.1		4588.2

* Values Exceed Upper Control Limit

4MW-14

Negative U3O8 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.1	825	116.9			

Date

28 MAR 2006	9.7	675	91.6	8.3		4575.0
06 JUN 2006	9.9	670	101.3	8.5		4577.4
19 SEP 2006	9.9	670	104.9	8.5		4580.8
05 DEC 2006	9.7	672	99.4	8.1		4582.8

* Values Exceed Upper Control Limit

4MW-15

Negative U3O8 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.1	825	116.9			

Date

22 MAR 2006	8.7	666	95.5	8.4		4581.3
05 JUN 2006	9.1	666	104.3	8.3		4584.1
12 SEP 2006	8.9	665	105.2	8.4		4586.0
05 DEC 2006	8.9	665	102.0	8.0		4589.3

* Values Exceed Upper Control Limit

4MW-16

Negative U3O8 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.1	825	116.9			

Date

28 MAR 2006	9.5	670	90.0	8.4		4576.3
06 JUN 2006	9.8	667	103.6	8.6		4579.3
12 SEP 2006	9.2	666	99.1	8.6		4581.7
05 DEC 2006	9.3	665	98.2	8.5		4584.6

* Values Exceed Upper Control Limit

4MW-17

Negative U3O8 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.1	825	116.9			

Date

22 MAR 2006	9.7	677	96.7	8.4		4581.2
05 JUN 2006	10.1	664	105.3	8.3		4584.0
12 SEP 2006	9.4	674	104.1	8.5		4585.7
05 DEC 2006	9.4	675	101.8	8.4		4589.1

* Values Exceed Upper Control Limit

4MW-18

Negative U3O8 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.1	825	116.9			

Date

28 MAR 2006	9.5	671	89.8	8.2		4576.4
06 JUN 2006	9.9	668	102.2	8.4		4579.3
12 SEP 2006	9.3	668	100.0	8.3		4581.5
05 DEC 2006	9.3	669	97.8	8.2		4584.4

* Values Exceed Upper Control Limit

4MW-19

Negative U3O8 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.1	825	116.9			

Date

28 MAR 2006	9.0	676	96.3	8.4		4583.2
05 JUN 2006	9.5	675	106.9	8.3		4586.0
12 SEP 2006	8.8	674	103.7	8.5		4587.8
05 DEC 2006	8.7	675	102.4	8.3		4590.8

* Values Exceed Upper Control Limit

4MW-20

Negative U3O8 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.1	825	116.9			

Date

28 MAR 2006	10.0	667	93.0	8.2		4577.1
06 JUN 2006	10.1	664	102.7	8.4		4579.9
12 SEP 2006	9.3	665	97.0	8.4		4582.0
05 DEC 2006	9.3	665	95.4	8.3		4585.0

* Values Exceed Upper Control Limit

4MW-21

Negative U3O8 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.1	825	116.9			

Date

28 MAR 2006	9.3	676	93.9	8.3		4582.9
05 JUN 2006	9.6	673	104.8	8.2		4585.6
12 SEP 2006	8.7	675	99.7	8.4		4587.1
05 DEC 2006	8.8	674	99.6	8.3		4590.3

* Values Exceed Upper Control Limit

4MW-22

Negative U3O8 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.1	825	116.9			

Date

28 MAR 2006	9.4	673	99.6	8.3		4578.7
06 JUN 2006	9.9	671	106.1	8.4		4581.4
12 SEP 2006	9.0	673	97.7	8.4		4583.6
05 DEC 2006	9.2	672	98.8	8.3		4586.5

* Values Exceed Upper Control Limit

4MW-23

Negative U3O8 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.1	825	116.9			

Date

28 MAR 2006	9.3	672	89.2	8.3		4582.0
05 JUN 2006	9.6	667	99.5	8.2		4584.7
12 SEP 2006	9.1	671	93.0	8.4		4586.5
05 DEC 2006	9.2	669	98.0	8.3		4589.7

* Values Exceed Upper Control Limit

4MW-24

Negative U3O8 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	11.1	825	116.9			

Date

28 MAR 2006	9.4	677	91.1	8.3		4580.1
05 JUN 2006	9.7	675	101.9	8.2		4583.1
12 SEP 2006	9.1	677	99.4	8.4		4585.1
05 DEC 2006	9.3	676	100.5	8.3		4588.0

* Values Exceed Upper Control Limit

4MW-25

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW1

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date

19 JAN 2006	9.1	754	97.8	8.2		4609.0
24 APR 2006	8.9	719	109.2	8.2		4615.4
18 JUL 2006	10.8	757	109.9	8.2		4618.5
23 OCT 2006	8.5	774	99.2	8.1		4619.5

* Values Exceed Upper Control Limit

5MW1

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW2

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date

30 JAN 2006	9.3	896	91.4	8.3		4604.4
24 APR 2006	9.9	892	104.5	8.2		4610.6
19 JUL 2006	9.9	899	107.2	8.2		4614.0
23 OCT 2006	9.2	985	99.0	8.1		4614.8

* Values Exceed Upper Control Limit

5MW2

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW3

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date

19 JAN 2006	8.3	761	92.6	8.2		4609.2
24 APR 2006	8.6	751	106.6	8.1		4615.8
20 JUL 2006	8.5	748	114.0	8.1		4619.0
23 OCT 2006	7.6	754	99.0	8.1		4619.8

* Values Exceed Upper Control Limit

5MW3

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW4

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date

18 JAN 2006	9.5	976	104.0	8.3		4606.5
24 APR 2006	9.8	1057 *	120.1	8.1		4612.7
31 JUL 2006	10.9	1011 *	127.7	7.8		4598.7
23 OCT 2006	9.5	1014 *	110.1	8.1		4616.8

* Values Exceed Upper Control Limit

5MW4

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW5

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date

19 JAN 2006	6.6	936	82.1	8.3		4607.3
24 APR 2006	7.3	922	95.8	8.1		4614.2
18 JUL 2006	7.2	891	91.9	8.4		4617.6
26 OCT 2006	7.4	906	93.8	8.1		4618.4

* Values Exceed Upper Control Limit

5MW5

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW6

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date

18 JAN 2006	8.5	916	97.5	8.3		4606.3
24 APR 2006	9.3	915	114.5	8.2		4612.7
19 JUL 2006	10.1	920	123.8	8.1		4616.1
23 OCT 2006	9.0	832	108.1	8.2		4616.9

* Values Exceed Upper Control Limit

5MW6

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW7

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date

19 JAN 2006	7.0	900	82.6	8.3		4605.0
24 APR 2006	7.3	901	95.9	8.3		4611.9
18 JUL 2006	7.9	893	97.7	8.4		4615.5
23 OCT 2006	7.9	900	90.0	8.2		4616.4

* Values Exceed Upper Control Limit

5MW7

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW8

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	1423	122.5			

Date

18 JAN 2006	21.3	1126	173.4	*	8.0	4606.3
24 APR 2006	24.9	1203	229.9	*	7.8	4612.7
24 APR 2006	23.0	1162	236.0	*	7.7	4612.7
26 APR 2006	22.9	1164	234.7	*	7.7	4612.5
31 JUL 2006	16.7	918	191.1	*	7.7	4604.2
23 OCT 2006	15.7	945	172.8	*	7.9	4616.9

* Values Exceed Upper Control Limit

5MW8

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW10

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date

18 JAN 2006	10.2	807	118.0		8.3	4606.3
24 APR 2006	11.4	806	142.6	*	8.2	4612.9
19 JUL 2006	10.6	762	138.6	*	8.2	4616.3
23 OCT 2006	9.1	733	110.9		8.1	4617.1

* Values Exceed Upper Control Limit

5MW10

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW12

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.8	1725	145.4			

Date

18 JAN 2006	8.1	878	111.6	8.1		4601.4
24 APR 2006	9.0	895	125.7	8.0		4607.9
19 JUL 2006	9.2	873	130.2	8.0		4611.6
23 OCT 2006	8.0	859	115.4	8.0		4612.5

* Values Exceed Upper Control Limit

5MW12

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW14

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date

18 JAN 2006	8.6	699	97.8	8.5		4601.5
24 APR 2006	9.2	692	113.7	8.4		4608.1
19 JUL 2006	9.3	689	122.0	8.4		4611.4
23 OCT 2006	8.0	689	103.8	8.3		4612.7

* Values Exceed Upper Control Limit

5MW14

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW16

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date						
18 JAN 2006	8.0	778	93.9	8.4		4601.4
24 APR 2006	8.4	765	107.1	8.3		4608.2
19 JUL 2006	8.2	755	111.5	8.3		4611.1
23 OCT 2006	7.5	758	99.1	8.2		4612.6

* Values Exceed Upper Control Limit

5MW16

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW18

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date						
19 JAN 2006	7.2	888	87.2	8.3		4599.1
24 APR 2006	7.5	875	100.4	8.2		4605.8
19 JUL 2006	7.8	854	108.9	8.2		4609.5
23 OCT 2006	6.9	889	94.2	8.2		4610.4

* Values Exceed Upper Control Limit

5MW18

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW20

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date

19 JAN 2006	6.7	907	87.2	8.4		4602.3
24 APR 2006	7.4	905	99.4	8.3		4606.4
20 JUL 2006	7.8	862	109.3	8.3		4613.0
23 OCT 2006	6.5	908	88.5	8.0		4614.2

* Values Exceed Upper Control Limit

5MW20

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW30A

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date

10 JAN 2006	8.8	666	104.0	8.7		4594.4
18 APR 2006	8.8	667	111.5	8.4		4600.1
19 JUL 2006	8.7	664	117.9	8.6		4603.5
30 OCT 2006	9.7	663	110.3	8.4		4604.2

* Values Exceed Upper Control Limit

5MW30A

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW31

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date

10 JAN 2006	8.8	662	99.8	8.6		4594.2
18 APR 2006	9.1	665	111.3	8.4		4600.0
19 JUL 2006	8.6	663	114.5	8.4		4603.6
30 OCT 2006	8.9	662	108.3	8.4		4604.2

* Values Exceed Upper Control Limit

5MW31

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW32A

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date

10 JAN 2006	8.6	667	102.9	8.6		4594.1
18 APR 2006	8.6	670	111.3	8.4		4599.8
19 JUL 2006	8.6	671	118.4	8.5		4603.4
23 OCT 2006	8.4	667	108.2	8.3		4604.1

* Values Exceed Upper Control Limit

5MW32A

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW33

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date						
10 JAN 2006	8.6	663	99.1	8.6		4595.1
18 APR 2006	8.9	666	107.0	8.4		4600.8
19 JUL 2006	8.9	664	113.9	8.4		4604.1
30 OCT 2006	9.1	665	107.5	8.4		4604.9

* Values Exceed Upper Control Limit

5MW33

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW34

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date						
10 JAN 2006	8.5	666	101.8	8.5		4594.9
18 APR 2006	8.5	669	109.3	8.3		4600.7
19 JUL 2006	8.9	669	123.6	8.4		4604.3
23 OCT 2006	8.0	670	109.0	8.3		4604.9

* Values Exceed Upper Control Limit

5MW34

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW35A

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date

10 JAN 2006	8.6	662	98.4	8.6		4596.7
18 APR 2006	9.1	665	110.3	8.4		4602.2
18 JUL 2006	8.9	667	115.8	8.6		4604.4
30 OCT 2006	9.6	664	112.1	8.4		4605.9

* Values Exceed Upper Control Limit

5MW35A

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW36

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date

10 JAN 2006	8.0	669	103.2	8.5		4596.0
18 APR 2006	8.8	673	112.4	8.4		4601.7
19 JUL 2006	8.5	672	119.5	8.4		4605.3
23 OCT 2006	7.6	674	109.2	8.4		4606.1

* Values Exceed Upper Control Limit

5MW36

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW37

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date

10 JAN 2006	8.4	656	103.8	8.6		4598.1
18 APR 2006	9.2	658	114.7	8.4		4603.7
18 JUL 2006	8.5	660	116.9	8.5		4605.9
30 OCT 2006	8.7	659	109.8	8.4		4607.3

* Values Exceed Upper Control Limit

5MW37

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW38

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date

10 JAN 2006	8.2	680	111.1	8.5		4596.8
18 APR 2006	8.6	687	119.8	8.3		4602.5
19 JUL 2006	8.8	686	131.1	8.3		4606.0
23 OCT 2006	8.3	688	124.5	8.3		4606.8

* Values Exceed Upper Control Limit

5MW38

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW39A

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date						
10 JAN 2006	8.4	684	105.0	8.5		4600.0
18 APR 2006	8.7	683	111.9	8.3		4605.6
18 JUL 2006	8.5	683	118.4	8.4		4608.4
30 OCT 2006	8.7	679	111.1	8.3		4609.2

* Values Exceed Upper Control Limit

5MW39A

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW40

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date						
10 JAN 2006	9.1	664	108.5	8.5		4597.7
18 APR 2006	9.1	668	111.6	8.3		4603.2
19 JUL 2006	9.1	668	122.2	8.4		4606.0
23 OCT 2006	8.5	670	109.5	8.3		4607.6

* Values Exceed Upper Control Limit

5MW40

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW41A

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date						
10 JAN 2006	8.4	666	102.9	8.5		4601.6
18 APR 2006	8.8	668	109.7	8.3		4607.0
18 JUL 2006	8.7	669	116.9	8.4		4609.4
30 OCT 2006	9.0	668	110.5	8.3		4610.3

* Values Exceed Upper Control Limit

5MW41A

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW42

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date						
30 JAN 2006	8.6	674	103.5	8.5		4599.2
18 APR 2006	8.8	675	113.5	8.3		4604.7
19 JUL 2006	8.7	673	122.2	8.3		4608.3
30 OCT 2006	8.9	675	114.5	8.4		4609.3

* Values Exceed Upper Control Limit

5MW42

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW43

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date						
10 JAN 2006	8.3	671	105.7	8.6		4602.9
18 APR 2006	8.6	674	111.7	8.4		4608.4
18 JUL 2006	8.5	675	120.6	8.5		4611.1
30 OCT 2006	8.6	673	111.0	8.4		4611.8

* Values Exceed Upper Control Limit

5MW43

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW44

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date						
10 JAN 2006	8.6	666	104.5	8.6		4599.9
18 APR 2006	9.1	671	113.1	8.4		4605.0
19 JUL 2006	9.2	669	126.1	8.5		4608.5
30 OCT 2006	8.9	672	111.5	8.4		4609.5

* Values Exceed Upper Control Limit

5MW44

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW45

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date

10 JAN 2006	7.9	674	106.3	8.5		4604.9
18 APR 2006	8.5	675	117.7	8.3		4610.0
18 JUL 2006	8.3	677	124.6	8.3		4612.6
30 OCT 2006	8.1	670	113.8	8.3		4613.6

* Values Exceed Upper Control Limit

5MW45

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW46

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date

17 JAN 2006	7.2	683	97.6	8.5		4601.6
26 APR 2006	8.5	674	115.8	8.4		4607.3
19 JUL 2006	8.8	676	127.0	8.4		4610.0
30 OCT 2006	8.6	676	115.3	8.4		4611.0

* Values Exceed Upper Control Limit

5MW46

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW47B

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date

10 JAN 2006	8.3	676	108.6	8.5		4607.7
26 APR 2006	8.7	677	116.4	8.3		4612.9
18 JUL 2006	8.6	680	130.4	8.3		4615.3
30 OCT 2006	8.5	678	116.6	8.3		4616.5

* Values Exceed Upper Control Limit

5MW47B

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW48

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date

17 JAN 2006	21.1	734	130.5	8.3		4602.7
26 APR 2006	22.5	730	156.5 *	8.2		4608.3
31 JUL 2006	21.5	710	173.6 *	8.2		4592.2
07 NOV 2006	17.1	645	189.2 *	8.2		4597.2

* Values Exceed Upper Control Limit

5MW48

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW49

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date						
10 JAN 2006	8.0	680	101.3	8.0		4608.4
26 APR 2006	8.4	679	115.6	8.3		4613.2
18 JUL 2006	8.3	681	124.0	8.3		4615.5
30 OCT 2006	8.4	680	116.6	8.2		4617.0

* Values Exceed Upper Control Limit

5MW49

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW50

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date						
17 JAN 2006	8.4	682	103.7	8.4		4599.8
26 APR 2006	9.3	675	112.2	8.4		4606.4
19 JUL 2006	9.0	677	124.1	8.3		4609.5
26 OCT 2006	9.7	675	120.8	8.4		4610.3

* Values Exceed Upper Control Limit

5MW50

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW51

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date

17 JAN 2006	8.3	685	107.9	8.3		4610.2
26 APR 2006	8.4	679	116.1	8.3		4615.0
18 JUL 2006	8.4	682	127.3	8.3		4618.2
26 OCT 2006	8.7	673	119.5	8.4		4618.8

* Values Exceed Upper Control Limit

5MW51

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW52

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date

17 JAN 2006	8.6	693	104.4	8.4		4602.0
26 APR 2006	9.3	689	119.2	8.3		4606.9
19 JUL 2006	9.4	687	128.4	8.3		4611.6
26 OCT 2006	9.4	690	119.1	8.4		4611.5

* Values Exceed Upper Control Limit

5MW52

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW53

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date						
17 JAN 2006	8.4	688	106.5	8.4		4610.3
26 APR 2006	8.4	681	115.5	8.2		4615.0
18 JUL 2006	8.2	684	123.6	8.3		4618.7
26 OCT 2006	8.6	683	116.5	8.3		4619.0

* Values Exceed Upper Control Limit

5MW53

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW54

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date						
17 JAN 2006	11.7	762	127.0	8.3		4602.7
26 APR 2006	13.2	750	151.6 *	8.1		4608.3
31 JUL 2006	11.2	712	141.7 *	8.1		4575.6
26 OCT 2006	13.4	753	147.7 *	8.3		4612.3

* Values Exceed Upper Control Limit

5MW54

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW55

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date

17 JAN 2006	8.3	689	106.2	8.4		4609.0
26 APR 2006	9.3	682	113.2	8.2		4613.9
18 JUL 2006	9.1	685	127.3	8.3		4615.7
26 OCT 2006	9.0	681	115.4	8.4		4617.9

* Values Exceed Upper Control Limit

5MW55

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW56

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date

17 JAN 2006	10.4	716	112.1	8.3		4603.1
26 APR 2006	22.5	906	191.3	8.0		4608.6
31 JUL 2006	11.0	709	132.2	8.2		4577.6
26 OCT 2006	10.7	702	122.6	8.4		4612.9

* Values Exceed Upper Control Limit

5MW56

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW57

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date

17 JAN 2006	8.9	691	111.5	8.3		4608.6
26 APR 2006	8.8	684	116.3	8.2		4613.6
18 JUL 2006	9.1	688	129.4	8.3		4616.3
26 OCT 2006	9.0	687	115.9	8.3		4617.7

* Values Exceed Upper Control Limit

5MW57

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW58

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date

26 JAN 2006	9.0	690	108.2	8.5		4603.3
18 APR 2006	9.0	688	114.2	8.3		4609.1
19 JUL 2006	9.0	691	123.2	8.4		4612.3
23 OCT 2006	8.3	694	112.8	8.2		4613.1

* Values Exceed Upper Control Limit

5MW58

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW59

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date

17 JAN 2006	8.8	690	109.9	8.4		4612.5
26 APR 2006	8.7	684	115.3	8.3		4611.5
18 JUL 2006	8.8	687	123.4	8.3		4614.4
26 OCT 2006	9.2	684	115.5	8.4		4615.5

* Values Exceed Upper Control Limit

5MW59

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW60

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	23.7	779	191.3			

Date

30 JAN 2006	10.2	826 *	165.3	8.4		4603.5
18 APR 2006	10.8	847 *	172.9	8.1		4609.2
31 JUL 2006	11.8	522	269.5 *	8.3		4581.5
30 OCT 2006	11.9	905 *	167.1	8.2		4613.0

* Values Exceed Upper Control Limit

5MW60

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW61

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date

17 JAN 2006	8.9	690	108.7	8.3		4608.3
26 APR 2006	9.0	684	115.9	8.2		4614.0
18 JUL 2006	8.9	686	124.1	8.2		4617.0
26 OCT 2006	9.3	685	118.1	8.3		4617.8

* Values Exceed Upper Control Limit

5MW61

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW62

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date

30 JAN 2006	10.2	752	113.5	8.4		4602.9
18 APR 2006	10.4	753	132.9	8.2		4608.6
19 JUL 2006	10.9	753	140.6	8.2		4611.9
23 OCT 2006	9.0	736	122.9	8.2		4612.5

* Values Exceed Upper Control Limit

5MW62

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW63

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date						
18 JAN 2006	8.7	689	103.3	8.2		4605.7
18 APR 2006	9.4	685	121.4	8.1		4613.2
19 JUL 2006	9.6	680	122.9	8.2		4616.4
23 OCT 2006	8.4	680	110.9	8.2		4617.4

* Values Exceed Upper Control Limit

5MW63

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW64

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date						
26 JAN 2006	9.7	719	112.6	8.5		4603.9
18 APR 2006	9.2	739	120.6	8.2		4609.7
19 JUL 2006	9.8	732	129.6	8.3		4613.2
23 OCT 2006	8.7	743	114.4	8.2		4613.9

* Values Exceed Upper Control Limit

5MW64

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW65

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	24.9	734	128.1			

Date						
18 JAN 2006	9.2	700	100.0	8.4		4607.2
18 APR 2006	10.1	695	122.4	8.2		4614.1
19 JUL 2006	10.9	692	128.8 *	8.2		4617.3
23 OCT 2006	8.9	695	111.1	8.1		4618.3

* Values Exceed Upper Control Limit

5MW65

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW66

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date						
26 JAN 2006	32.3 *	1247 *	241.1 *	7.8		4606.1
18 APR 2006	32.4 *	1240 *	250.7 *	7.9		4610.9
19 JUL 2006	27.5 *	1086 *	183.6 *	8.0		4614.3
23 OCT 2006	30.3 *	1242 *	275.2 *	7.9		4615.1

* Values Exceed Upper Control Limit

5MW66

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW67

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date						
18 JAN 2006	7.6	823	87.2	8.3		4609.2
18 APR 2006	7.7	833	98.9	8.0		4615.0
19 JUL 2006	7.7	826	102.2	8.1		4618.4
23 OCT 2006	6.9	834	91.8	8.0		4619.2

* Values Exceed Upper Control Limit

5MW67

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5MW69

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	22.7	1004	134.3			

Date						
19 JAN 2006	7.9	823	88.2	8.5		4609.2
24 APR 2006	7.9	837	97.8	8.4		4615.6
18 JUL 2006	8.0	847	97.4	8.6		4618.6
23 OCT 2006	8.0	733	99.8	8.4		4619.4

* Values Exceed Upper Control Limit

5MW69

Negative U3O8 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	20	1576	95.2			

Date

07 FEB 2006	5.3	1312	64.8	8.1		4564.5
10 MAY 2006	5.5	1296	74.0	8.0		4570.3
16 AUG 2006	5.2	1297	77.8	8.0		4573.5
06 NOV 2006	5.5	1296	66.6	8.1		4575.5

* Values Exceed Upper Control Limit

6MW17-2

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6MW19

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	20	1576	95.2			

Date

07 FEB 2006	5.0	1310	67.6	8.1		4609.6
10 MAY 2006	5.4	1297	77.0	8.0		4615.4
16 AUG 2006	5.4	1302	83.9	8.0		4618.6
06 NOV 2006	5.3	1301	70.6	8.0		4620.6

* Values Exceed Upper Control Limit

6MW19

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6MW21

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	20	1576	95.2			

Date						
07 FEB 2006	5.8	1201	71.7	8.2		4607.7
10 MAY 2006	5.9	1178	78.5	8.0		4607.8
16 AUG 2006	5.8	1175	84.9	8.1		4616.5
06 NOV 2006	5.9	1169	75.6	8.1		4618.7

* Values Exceed Upper Control Limit

6MW21

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6MW23

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	20	1576	95.2			

Date						
07 FEB 2006	6.0	1255	66.9	8.3		4605.1
10 MAY 2006	5.8	1242	77.8	8.1		4610.9
16 AUG 2006	5.2	1245	78.2	8.2		4614.2
06 NOV 2006	5.4	1241	71.3	8.3		4616.1

* Values Exceed Upper Control Limit

6MW23

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6MW25

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	20	1576	95.2			

Date

07 FEB 2006	5.1	1256	67.6	8.2		4603.2
11 MAY 2006	5.6	1241	73.4	8.3		4608.8
10 AUG 2006	6.0	1243	83.3	8.0		4612.1
06 NOV 2006	6.3	1242	72.2	8.1		4614.1

* Values Exceed Upper Control Limit

6MW25

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6MW27

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	20	1576	95.2			

Date

07 FEB 2006	6.1	1227	82.5	8.1		4602.2
11 MAY 2006	6.2	1226	87.4	8.3		4608.2
10 AUG 2006	6.6	1221	94.6	8.1		4611.3
06 NOV 2006	6.3	1215	90.0	8.2		4613.4

* Values Exceed Upper Control Limit

6MW27

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6MW29

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	20	1576	95.2			

Date

14 FEB 2006	5.7	1236	62.0	8.5		4600.3
22 MAY 2006	5.8	1250	74.8	8.5		4606.3
10 AUG 2006	5.7	1268	79.6	8.3		4609.7
15 NOV 2006	5.2	1272	70.3	8.4		4611.8

* Values Exceed Upper Control Limit

6MW29

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6MW31

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	20	1576	95.2			

Date

14 FEB 2006	7.8	1364	103.8 *	8.1		4601.0
10 MAY 2006	13.2	1407	129.0 *	8.0		4606.7
30 AUG 2006	14.2	1404	126.7 *	7.6		4610.1
06 NOV 2006	14.3	1434	127.7 *	7.9		4612.2

* Values Exceed Upper Control Limit

6MW31

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6MW33

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	20	1576	95.2			

Date

13 FEB 2006	5.4	1262	67.2	8.2		4597.2
11 MAY 2006	5.3	1265	75.3	8.1		4602.9
10 AUG 2006	5.6	1275	79.3	7.8		4606.4
06 NOV 2006	5.3	1266	72.2	7.9		4608.6

* Values Exceed Upper Control Limit

6MW33

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6MW34

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	20	1576	95.2			

Date

07 FEB 2006	5.0	1349	63.9	8.1		4611.0
10 MAY 2006	5.3	1330	71.1	7.9		4616.8
16 AUG 2006	5.0	1333	74.9	8.0		4621.1
06 NOV 2006	5.0	1331	67.5	8.0		4623.2

* Values Exceed Upper Control Limit

6MW34

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6MW35

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	20	1576	95.2			

Date						
13 FEB 2006	5.2	1261	68.6	8.2		4595.2
11 MAY 2006	5.1	1263	75.4	7.8		4600.9
09 AUG 2006	5.3	1270	84.0	7.7		4604.5
06 NOV 2006	4.8	1262	73.5	7.7		4606.9

* Values Exceed Upper Control Limit

6MW35

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6MW36

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	20	1576	95.2			

Date						
14 FEB 2006	5.8	1186	68.4	8.1		4610.0
10 MAY 2006	6.3	1179	77.8	8.2		4615.7
16 AUG 2006	6.0	1175	80.7	8.0		4618.9
06 NOV 2006	6.3	1174	73.8	8.1		4620.9

* Values Exceed Upper Control Limit

6MW36

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6MW37

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	20	1576	95.2			

Date

13 FEB 2006	5.1	1256	67.0	8.2		4593.4
11 MAY 2006	5.5	1256	74.8	7.8		4599.1
09 AUG 2006	5.3	1262	81.1	8.0		4602.4
06 NOV 2006	5.5	1257	71.2	7.8		4604.8

* Values Exceed Upper Control Limit

6MW37

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6MW38

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	20	1576	95.2			

Date

14 FEB 2006	5.0	1316	67.7	8.2		4608.2
10 MAY 2006	5.2	1324	74.2	8.2		4614.1
10 AUG 2006	5.2	1322	82.4	7.8		4617.5
06 NOV 2006	4.9	1323	70.7	8.0		4619.5

* Values Exceed Upper Control Limit

6MW38

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6MW39

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	20	1576	95.2			

Date

07 FEB 2006	5.5	1238	63.3	8.2		4590.2
11 MAY 2006	5.5	1239	65.3	8.4		4595.4
09 AUG 2006	5.6	1244	67.1	8.1		4599.2
06 NOV 2006	5.8	1242	68.2	8.2		4601.0

* Values Exceed Upper Control Limit

6MW39

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6MW40

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	20	1576	95.2			

Date

14 FEB 2006	5.0	1328	62.6	8.2		4605.7
31 MAY 2006	5.5	1338	69.3	8.1		4611.4
10 AUG 2006	5.3	1333	77.4	7.9		4614.8
06 NOV 2006	5.5	1334	68.1	8.0		4616.8

* Values Exceed Upper Control Limit

6MW40

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6MW41

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	20	1576	95.2			

Date

07 FEB 2006	5.8	1269	78.6	8.0	4589.5
11 MAY 2006	6.0	1271	92.6	8.1	4594.5
09 AUG 2006	6.7	1262	94.6	8.0	4598.3
06 NOV 2006	7.4	1224	124.1	8.0	4600.2

* Values Exceed Upper Control Limit

6MW41

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6MW42

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	20	1576	95.2			

Date

14 FEB 2006	5.0	1318	63.6	8.2	4604.4
11 MAY 2006	5.4	1320	73.8	8.1	4610.1
16 AUG 2006	5.4	1324	80.3	7.9	4613.7
06 NOV 2006	5.5	1328	68.1	7.9	4615.7

* Values Exceed Upper Control Limit

6MW42

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6MW43

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	20	1576	95.2			

Date

07 FEB 2006	5.6	1265	71.7	8.2		4588.2
22 MAY 2006	5.9	1264	79.2	8.1		4592.4
16 AUG 2006	6.2	1273	86.2	7.9		4597.2
06 NOV 2006	5.8	1280	81.2	8.0		4608.2

* Values Exceed Upper Control Limit

6MW43

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6MW44

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	20	1576	95.2			

Date

13 FEB 2006	5.4	1313	61.8	8.2		4603.0
10 MAY 2006	5.4	1321	71.0	8.0		4608.7
10 AUG 2006	5.6	1317	78.4	7.9		4612.2
06 NOV 2006	5.7	1325	71.8	8.0		4614.6

* Values Exceed Upper Control Limit

6MW44

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6MW45

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	20	1576	95.2			

Date

07 FEB 2006	7.0	1264	68.5	8.0		4586.7
11 MAY 2006	6.7	1264	76.3	7.9		4591.6
09 AUG 2006	5.7	1270	84.6	7.7		4595.1
06 NOV 2006	5.6	1268	75.2	7.8		4597.1

* Values Exceed Upper Control Limit

6MW45

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6MW46

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	20.6	2427	89.2			

Date

13 FEB 2006	7.1	1397	92.6	*	8.1	4601.1
10 MAY 2006	7.6	1421	108.5	*	8.2	4606.9
16 AUG 2006	7.7	1425	118.4	*	8.1	4610.3
06 NOV 2006	7.0	1430	111.3	*	7.9	4612.5

* Values Exceed Upper Control Limit

6MW46

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6MW47

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	20	1576	95.2			

Date

07 FEB 2006	5.7	1266	71.4	8.2		4586.7
22 MAY 2006	5.6	1268	76.5	8.1		4586.7
09 AUG 2006	5.6	1262	79.5	7.9		4595.7
06 NOV 2006	5.2	1270	73.4	8.0		4597.8

* Values Exceed Upper Control Limit

6MW47

Negative U3O8 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	20	1576	95.2			

Date

13 FEB 2006	5.6	1330	62.6	8.2		4601.8
10 MAY 2006	5.9	1323	72.2	8.8		4607.8
30 AUG 2006	5.8	1335	67.5	7.6		4611.2
06 NOV 2006	5.4	1336	67.2	8.0		4598.6

* Values Exceed Upper Control Limit

6MW48-3

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6MW49

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	20	1576	95.2			

Date

07 FEB 2006	5.6	1265	69.0	8.1		4587.6
11 MAY 2006	5.5	1262	77.9	7.8		4592.9
09 AUG 2006	5.9	1270	86.9	7.9		4596.6
06 NOV 2006	5.2	1268	73.2	7.7		4598.6

* Values Exceed Upper Control Limit

6MW49

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6MW50

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	20	1576	95.2			

Date

07 FEB 2006	5.3	1310	67.0	8.2		4598.7
10 MAY 2006	5.4	1312	73.7	8.2		4604.2
30 AUG 2006	5.4	1315	70.9	7.6		4608.0
06 NOV 2006	5.0	1319	69.7	8.0		4610.0

* Values Exceed Upper Control Limit

6MW50

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6MW51

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	20	1576	95.2			

Date						
07 FEB 2006	6.0	1266	68.0	8.1		4589.1
11 MAY 2006	5.7	1262	76.7	8.0		4592.6
09 AUG 2006	5.6	1269	82.5	7.8		4596.4
06 NOV 2006	5.2	1266	72.6	7.9		4598.8

* Values Exceed Upper Control Limit

6MW51

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6MW52

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	20	1576	95.2			

Date						
07 FEB 2006	6.3	1244	67.6	8.2		4593.8
10 MAY 2006	5.8	1242	74.3	8.3		4599.1
09 AUG 2006	6.6	1255	80.2	7.9		4603.2
06 NOV 2006	5.8	1251	71.7	8.0		4605.2

* Values Exceed Upper Control Limit

6MW52

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6MW53

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	20	1576	95.2			

Date						
07 FEB 2006	6.9	1192	66.5	8.4		4585.4
11 MAY 2006	6.3	1187	73.1	8.5		4590.8
09 AUG 2006	6.8	1199	81.6	8.5		4594.8
06 NOV 2006	5.8	1197	68.4	8.4		4597.0

* Values Exceed Upper Control Limit

6MW53

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6MW54

CHRISTENSEN RANCH
PERIMETER ORE ZONE 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	20	1576	95.2			

Date						
07 FEB 2006	5.8	1250	67.1	8.2		4591.7
10 MAY 2006	5.9	1249	71.9	8.0		4597.2
09 AUG 2006	5.9	1259	80.3	7.9		4601.0
06 NOV 2006	5.7	1260	73.4	7.9		4603.0

* Values Exceed Upper Control Limit

6MW54

Negative U3O8 Grades Indicate Less Than Detection Limit.

CHRISTENSEN PROJECT

Interior Shallow Sand Monitor Wells

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

CHRISTENSEN 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	22.1	2922	316.6			

Date						
17 JAN 2006	7.0	1327	94.7	8.1		4642.9
25 APR 2006	7.1	1303	104.6	8.1		4644.3
20 JUL 2006	6.9	1300	109.1	8.0		4644.9
30 OCT 2006	6.7	1293	97.8	8.0		4645.1

* Values Exceed Upper Control Limit

MW-11S

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW46S

CHRISTENSEN 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	13.5	1087	184.4			

Date						
24 JAN 2006	10.7	1269	*	7.8		4552.4
12 APR 2006	9.9	1208	*	7.8		4553.2
31 JUL 2006	10.2	1182	*	8.0		4554.0
16 OCT 2006	9.2	1192	*	8.0		4554.3

* Values Exceed Upper Control Limit

MW46S

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW48S

CHRISTENSEN 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	22.2	1775	268.3			

Date

24 JAN 2006	9.9	1835	*	120.8	7.6	4554.8
12 APR 2006	9.9	1826	*	132.7	7.5	4555.5
27 JUL 2006	10.1	1833	*	143.5	7.6	4556.0
16 OCT 2006	9.0	1814	*	127.5	7.8	4554.8

* Values Exceed Upper Control Limit

MW48S

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW50S

CHRISTENSEN 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	22.2	1775	268.3			

Date

24 JAN 2006	9.7	1311		169.3	7.3	4556.3
10 APR 2006	9.8	1299		174.8	7.6	4557.1
27 JUL 2006	10.0	1304		182.6	8.0	4557.0
16 OCT 2006	8.1	1316		156.4	7.7	4557.2

* Values Exceed Upper Control Limit

MW50S

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW52S

CHRISTENSEN 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	22.2	1775	268.3			

Date

24 JAN 2006	8.4	1397	97.5	7.8		4548.6
10 APR 2006	8.5	1392	105.0	7.5		4548.8
27 JUL 2006	7.9	1387	108.2	8.1		4549.2
17 OCT 2006	7.2	1406	104.7	8.0		4549.2

* Values Exceed Upper Control Limit

MW52S

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW54S

CHRISTENSEN 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	22.2	1775	268.3			

Date

24 JAN 2006	7.9	1483	118.2	7.8		4559.4
17 APR 2006	7.7	1475	121.9	7.9		4559.4
31 JUL 2006	7.8	1485	126.9	7.9		4560.1
16 OCT 2006	6.8	1483	123.0	7.9		4560.2

* Values Exceed Upper Control Limit

MW54S

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW56S

CHRISTENSEN 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	13.5	1087	184.4			

Date

25 JAN 2006	9.8	936	168.5	8.2		4558.1
13 APR 2006	13.2	907	211.1	5.9		4558.3
31 JUL 2006	12.3	902	209.4	7.5		4558.9
18 OCT 2006	33.9 *	884	244.7 *	6.7		4559.1
19 OCT 2006	13.5	886	179.5	7.7		4559.1
19 OCT 2006	13.5	897	179.5	7.6		4559.1

* Values Exceed Upper Control Limit

MW56S

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW58S

CHRISTENSEN 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	13.5	1087	184.4			

Date

25 JAN 2006	7.5	956	115.5	8.4		4566.6
13 APR 2006	8.0	960	126.8	8.2		4567.2
31 JUL 2006	7.6	952	122.5	8.5		4566.9
18 OCT 2006	7.8	955	121.3	8.3		4566.0

* Values Exceed Upper Control Limit

MW58S

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW66S-2

CHRISTENSEN 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	22.2	1775	268.3			

Date

24 JAN 2006	7.9	1464	115.3	7.9		4572.5
13 APR 2006	7.3	1466	125.0	7.8		4573.1
31 JUL 2006	7.8	1451	131.1	8.0		4572.9
18 OCT 2006	7.2	1455	117.3	7.8		4573.3

* Values Exceed Upper Control Limit

MW66S-2

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW68S

CHRISTENSEN 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	23.5	3560	304			

Date

14 MAR 2006	17.0	2394	223.7	7.2		4575.6
19 JUN 2006	17.5	2413	243.0	7.4		4575.0
26 SEP 2006	14.7	2427	251.1	7.4		4575.3
14 DEC 2006	14.4	2417	216.5	7.3		4572.4

* Values Exceed Upper Control Limit

MW68S

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW70S

CHRISTENSEN 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	63.4	21365	5861.3			

Date

14 MAR 2006	11.7	1842	23.6	8.2		4560.8
19 JUN 2006	12.5	1830	28.3	7.9		4561.1
26 SEP 2006	12.3	1850	34.2	8.0		4561.5
14 DEC 2006	12.0	1862	33.0	7.7		4561.1

* Values Exceed Upper Control Limit

MW70S

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW72S

CHRISTENSEN 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	63.4	21365	5861.3			

Date

14 MAR 2006	12.1	2173	156.5	7.8		4566.8
19 JUN 2006	13.1	2186	169.4	7.8		4567.1
26 SEP 2006	12.0	2193	163.5	7.9		4567.2
12 DEC 2006	12.4	2194	169.2	7.8		4567.1

* Values Exceed Upper Control Limit

MW72S

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW92S

CHRISTENSEN 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	23.5	3560	304			

Date

14 MAR 2006	11.8	2348	144.1	7.4		4572.5
19 JUN 2006	12.8	2349	150.3	7.6		4570.7
26 SEP 2006	12.9	2353	144.6	7.4		4570.8
14 DEC 2006	11.1	2390	143.2	7.4		4570.6

* Values Exceed Upper Control Limit

MW92S

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW94S

CHRISTENSEN 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	23.5	3560	304			

Date

14 MAR 2006	14.1	2585	167.5	7.3		4552.2
19 JUN 2006	15.0	2602	198.0	7.4		4563.4
26 SEP 2006	15.3	2601	187.4	7.3		4563.5
14 DEC 2006	13.1	2623	184.3	7.3		4563.3

* Values Exceed Upper Control Limit

MW94S

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW96S

CHRISTENSEN 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	23.5	3560	304			

Date

14 MAR 2006	11.9	2649	214.9	7.3		4566.2
19 JUN 2006	12.6	2660	243.0	7.4		4566.3
26 SEP 2006	11.6	2634	239.1	7.3		4566.4
14 DEC 2006	11.0	2696	230.7	7.3		4566.1

* Values Exceed Upper Control Limit

MW96S

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW98S

CHRISTENSEN 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	63.4	21365	5861.3			

Date

14 MAR 2006	13.3	2583	155.5	7.3		4558.4
19 JUN 2006	13.9	2598	178.5	7.6		4557.4
26 SEP 2006	13.3	2605	172.8	7.5		4557.4
13 DEC 2006	12.1	2609	164.3	7.4		4556.4

* Values Exceed Upper Control Limit

MW98S

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW100S

CHRISTENSEN 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	23.5	3560	304			

Date

14 MAR 2006	12.8	2535	151.5	7.4		4555.3
19 JUN 2006	13.7	2379	29.1	7.9		4555.8
26 SEP 2006	13.4	2486	45.7	10.4		4555.7
13 DEC 2006	13.4	2397	61.9	8.8		4556.1

* Values Exceed Upper Control Limit

MW100S

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW112S

CHRISTENSEN 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	63.4	21365	5861.3			

Date

14 MAR 2006	23.5	1600	218.4	10.7		4565.4
19 JUN 2006	13.1	2400	192.9	11.2		4554.1
26 SEP 2006	11.2	2430	255.2	11.3		4553.9
13 DEC 2006	10.8	2539	296.9	11.3		4552.2

* Values Exceed Upper Control Limit

MW112S

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW117S

CHRISTENSEN 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	13.6	768	144.5			

Date

14 MAR 2006	8.5	730	128.0	8.3		4534.6
19 JUN 2006	8.6	731	141.4	8.3		4535.2
26 SEP 2006	7.9	730	138.9	8.3		4535.6
13 DEC 2006	7.8	730	134.4	8.2		4534.4

* Values Exceed Upper Control Limit

MW117S

Negative U3O8 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN 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	8.8	1570	142.7			

Date

28 MAR 2006	7.2	1216	92.9	8.0		4609.9
06 JUN 2006	7.2	1219	101.5	8.1		4610.1
12 SEP 2006	6.9	1212	100.5	8.1		4610.3
05 DEC 2006	7.0	1202	100.1	8.0		4610.3

* Values Exceed Upper Control Limit

4SM-1

Negative U3O8 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN 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	8.8	1570	142.7			

Date

28 MAR 2006	6.6	1072	93.0	7.7		4596.9
06 JUN 2006	7.0	1055	102.8	7.9		4597.2
14 SEP 2006	6.6	1080	105.2	8.0		4597.3
05 DEC 2006	6.8	1076	117.0	8.0		4597.3

* Values Exceed Upper Control Limit

4SM-4

Negative U3O8 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN 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	8.8	1570	142.7			

Date

28 MAR 2006	6.7	857	111.1	7.9		4593.0
06 JUN 2006	6.6	842	118.8	8.0		4593.3
14 SEP 2006	6.4	854	118.6	8.1		4593.3
05 DEC 2006	6.5	844	115.0	7.9		4593.5

* Values Exceed Upper Control Limit

4SM-8

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 4
Well I.D. 4SRM-07

CHRISTENSEN 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	19.4	1175	447.1			

Date						
28 MAR 2006	9.7	518	257.3	8.0		4580.2
06 JUN 2006	9.7	514	265.1	8.1		4580.1
12 SEP 2006	9.2	514	255.2	7.9		4580.0
05 DEC 2006	9.2	512	254.6	7.9		4579.9

* Values Exceed Upper Control Limit

4SRM-07

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5SM1

CHRISTENSEN 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	22.1	2922	316.6			

Date						
19 JAN 2006	7.7	1216	90.9	7.8		4629.4
25 APR 2006	10.8	1200	99.9	7.5		4630.0
20 JUL 2006	11.1	1225	116.8	7.3		4629.8
30 OCT 2006	39.0	1233	176.3	7.1		4629.6

* Values Exceed Upper Control Limit

5SM1

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5SM2

CHRISTENSEN 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	22.1	2922	316.6			

Date

17 JAN 2006	7.9	1175	116.4	8.0		4675.7
25 APR 2006	8.0	1170	120.0	8.0		4676.4
20 JUL 2006	9.4	1200	142.2	8.3		4676.4
30 OCT 2006	7.3	1190	147.5	7.6		4676.4

* Values Exceed Upper Control Limit

5SM2

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5SM3

CHRISTENSEN 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	22.1	2922	316.6			

Date

18 JAN 2006	6.8	1434	78.6	8.5		4674.9
26 APR 2006	6.9	1436	85.6	8.2		4675.4
20 JUL 2006	7.4	1443	95.4	8.0		4675.8
30 OCT 2006	6.8	1450	81.9	8.4		4675.6

* Values Exceed Upper Control Limit

5SM3

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5SM5

CHRISTENSEN 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	22.1	2922	316.6			

Date

18 JAN 2006	5.7	1316	96.9	7.8		4681.7
18 APR 2006	6.3	1315	112.6	7.7		4682.5
20 JUL 2006	5.9	1318	115.0	7.6		4682.3
26 OCT 2006	6.3	1314	106.7	7.8		4681.7

* Values Exceed Upper Control Limit

5SM5

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5SM6

CHRISTENSEN 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	22.1	2922	316.6			

Date

18 JAN 2006	9.7	665	184.9	8.4		4670.4
26 APR 2006	9.9	659	200.4	8.4		4671.3
20 JUL 2006	10.3	626	211.2	8.4		4671.6
23 OCT 2006	9.1	611	183.2	8.2		4671.1

* Values Exceed Upper Control Limit

5SM6

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5SM7

CHRISTENSEN 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	22.1	2922	316.6			

Date						
19 JAN 2006	22.3	1079	221.3	7.6		4664.1
26 APR 2006	17.5	1101	224.6	7.6		4665.5
20 JUL 2006	17.5	1126	225.0	7.7		4665.6
30 OCT 2006	9.6	1161	180.6	7.8		4665.4

* Values Exceed Upper Control Limit

5SM7

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. WCOW-04

CHRISTENSEN 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	22.1	2922	316.6			

Date						
19 JAN 2006	7.7	1404	117.7	8.1		4643.2
25 APR 2006	7.7	1259	125.6	8.2		4645.2
20 JUL 2006	7.6	1223	140.2	8.1		4645.8
30 OCT 2006	7.3	1318	126.5	8.1		4646.2

* Values Exceed Upper Control Limit

WCOW-04

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6SM1

CHRISTENSEN 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	22	1966	289.1			

Date						
07 FEB 2006	6.6	960	104.8	8.3		4701.5
10 MAY 2006	6.7	892	111.3	8.6		4703.0
10 AUG 2006	6.9	922	115.8	8.3		4702.9
06 NOV 2006	6.7	1107	117.6	8.0		4702.9

* Values Exceed Upper Control Limit

6SM1

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6SM2

CHRISTENSEN 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	24.2	3574	238.2			

Date						
13 FEB 2006	8.0	1920	77.6	7.8		4706.4
11 MAY 2006	8.3	1931	87.2	7.8		4707.1
10 AUG 2006	8.4	1937	94.5	7.7		4707.2
06 NOV 2006	7.5	1936	82.4	7.7		4707.1

* Values Exceed Upper Control Limit

6SM2

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6SM3

CHRISTENSEN 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	24.2	3574	238.2			

Date						
13 FEB 2006	8.4	2014	59.4	7.9		4716.8
11 MAY 2006	9.0	2047	78.5	7.7		4717.1
10 AUG 2006	9.4	2026	83.9	7.7		4716.7
06 NOV 2006	8.0	2096	69.3	7.3		4716.3

* Values Exceed Upper Control Limit

6SM3

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6SM4

CHRISTENSEN 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	24.2	3574	238.2			

Date						
13 FEB 2006	8.2	1646	23.2	8.0		4717.3
11 MAY 2006	7.7	1501	22.7	9.6		4717.6
10 AUG 2006	8.5	1488	32.2	9.7		4717.2
15 NOV 2006	6.5	1730	60.0	7.8		4717.0

* Values Exceed Upper Control Limit

6SM4

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6SM5

CHRISTENSEN 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	22	1966	289.1			

Date

14 FEB 2006	8.0	1577	90.5	8.2		4707.4
11 MAY 2006	8.7	1549	103.4	8.0		4708.0
10 AUG 2006	9.4	1599	109.9	7.5		4707.9
06 NOV 2006	9.1	1518	114.5	7.5		4707.9

* Values Exceed Upper Control Limit

6SM5

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6SM6

CHRISTENSEN 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	22	1966	289.1			

Date

14 FEB 2006	11.9	512	243.6	7.9		4693.6
22 MAY 2006	12.8	501	265.5	8.2		4694.6
10 AUG 2006	12.2	504	274.8	8.1		4694.8
06 NOV 2006	11.1	500	247.1	8.0		4695.0

* Values Exceed Upper Control Limit

6SM6

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6SM7

CHRISTENSEN 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	25.6	889	330			

Date

14 FEB 2006	11.9	481	237.8	8.2		4693.6
11 MAY 2006	12.2	481	254.6	8.4		4694.4
30 AUG 2006	12.2	489	259.3	8.1		4694.6
06 NOV 2006	11.7	482	238.9	8.2		4694.8

* Values Exceed Upper Control Limit

6SM7

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6SM8

CHRISTENSEN 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	24.2	3574	238.2			

Date

07 FEB 2006	10.9	2199	52.5	7.9		4730.4
11 MAY 2006	11.3	2192	59.7	7.5		4730.7
16 AUG 2006	12.0	2198	61.8	7.1		4730.5
06 NOV 2006	9.8	2193	54.1	7.3		4730.3

* Values Exceed Upper Control Limit

6SM8

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6SM9

CHRISTENSEN 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	24.2	3574	238.2			

Date

07 FEB 2006	9.4	1913	16.8	9.3		4731.2
11 MAY 2006	10.1	1890	20.9	9.7		4731.6
16 AUG 2006	10.6	1850	27.5	9.3		4731.4
06 NOV 2006	8.8	1856	30.5	7.8		4731.1

* Values Exceed Upper Control Limit

6SM9

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6SM10

CHRISTENSEN 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	25.6	889	330			

Date

14 FEB 2006	10.9	681	241.1	8.0		4681.9
11 MAY 2006	11.4	674	279.3	8.3		4682.7
10 AUG 2006	11.8	661	283.2	8.2		4682.9
15 NOV 2006	11.0	661	259.7	8.1		4683.1

* Values Exceed Upper Control Limit

6SM10

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6SM11

CHRISTENSEN 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	24.2	3574	238.2			

Date

07 FEB 2006	13.5	2550	66.5	7.9		4730.0
11 MAY 2006	13.3	2566	77.0	8.2		4731.3
10 AUG 2006	13.5	2565	73.1	8.0		4730.1
06 NOV 2006	12.6	2606	82.9	7.8		4730.0

* Values Exceed Upper Control Limit

6SM11

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6SM12

CHRISTENSEN 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	24.2	3574	238.2	8.5		

Date

14 FEB 2006	13.0	2708	102.8	7.8		4730.4
11 MAY 2006	13.7	2710	114.7	7.8		4731.0
16 AUG 2006	14.0	2328	116.8	7.2		4730.6
15 NOV 2006	13.6	2725	104.2	7.5		4730.2

* Values Exceed Upper Control Limit

6SM12

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6SM13

CHRISTENSEN 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	24.2	3574	238.2			

Date

14 FEB 2006	12.5	2296	70.1	7.7		4730.2
11 MAY 2006	13.4	2301	80.8	7.7		4730.6
16 AUG 2006	13.4	2313	88.3	7.6		4730.4
06 NOV 2006	11.9	2315	76.3	7.5		4730.1

* Values Exceed Upper Control Limit

6SM13

Negative U308 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6SM14

CHRISTENSEN 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	22	1966	289.1			

Date

14 FEB 2006	7.6	1125	118.4	8.1		4705.8
11 MAY 2006	8.1	1123	135.1	8.3		4706.4
10 AUG 2006	7.9	1137	140.0	8.2		4706.8
15 NOV 2006	7.3	1128	129.5	8.1		4706.6

* Values Exceed Upper Control Limit

6SM14

Negative U308 Grades Indicate Less Than Detection Limit.

CHRISTENSEN PROJECT

Interior Deep Sand Monitor Wells

Mine Unit 5
Well I.D. MW-12D

CHRISTENSEN 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	22.8	1017	420.9			

Date

17 JAN 2006	8.6	543	172.5	8.3		4595.2
25 APR 2006	11.0	532	189.9	8.4		4596.9
20 JUL 2006	11.4	531	229.2	8.3		4597.8
30 OCT 2006	9.3	528	206.1	8.2		4599.2

* Values Exceed Upper Control Limit

MW-12D

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW45D

CHRISTENSEN 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	13.7	753	153.3			

Date

24 JAN 2006	9.6	611	130.9	8.5		4532.3
12 APR 2006	10.0	618	129.8	8.3		4535.9
31 JUL 2006	10.3	626	134.6	8.6		4536.1
24 OCT 2006	10.6	630	116.2	8.5		4537.0

* Values Exceed Upper Control Limit

MW45D

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW47D

CHRISTENSEN 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	13.7	753	153.5			

Date

24 JAN 2006	10.6	593	134.4	8.6		4535.0
12 APR 2006	10.1	604	139.5	8.5		4538.5
27 JUL 2006	10.0	611	142.4	8.7		4538.8
16 OCT 2006	9.1	637	116.1	8.6		4538.5

* Values Exceed Upper Control Limit

MW47D

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW49D

CHRISTENSEN 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	13.7	753	153.3			

Date

24 JAN 2006	10.1	603	148.9	8.5		4537.0
10 APR 2006	9.8	608	144.3	8.3		4540.8
27 JUL 2006	10.9	625	146.4	8.7		4540.8
16 OCT 2006	9.3	630	122.7	8.6		4541.4

* Values Exceed Upper Control Limit

MW49D

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW51D

CHRISTENSEN 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	13.7	753	153.3			

Date

24 JAN 2006	11.0	616	126.9	8.6		4530.2
10 APR 2006	10.7	630	120.8	8.3		4533.0
27 JUL 2006	10.8	615	127.0	8.6		4533.6
17 OCT 2006	9.6	629	116.8	8.6		4534.0

* Values Exceed Upper Control Limit

MW51D

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW53D

CHRISTENSEN 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	13.7	753	153.3			

Date

24 JAN 2006	10.0	647	100.1	8.6		4539.9
17 APR 2006	10.4	640	105.8	8.5		4542.3
31 JUL 2006	10.7	638	116.3	8.6		4543.6
16 OCT 2006	9.4	641	105.0	8.6		4544.5

* Values Exceed Upper Control Limit

MW53D

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW55D

CHRISTENSEN 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	13.7	753	153.3			

Date

25 JAN 2006	10.1	542	142.5	8.7		4539.9
13 APR 2006	10.5	551	156.7 *	8.7		4541.8
31 JUL 2006	9.9	562	158.9 *	8.7		4543.1
18 OCT 2006	13.7	570	142.1	8.4		4543.1

* Values Exceed Upper Control Limit

MW55D

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW57D

CHRISTENSEN 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	13.7	753	153.3			

Date

25 JAN 2006	12.3	631	96.9	8.2		4544.0
13 APR 2006	12.4	634	104.5	8.2		4545.6
31 JUL 2006	12.9	633	124.2	8.5		4547.1
18 OCT 2006	12.4	630	108.1	8.5		4546.9

* Values Exceed Upper Control Limit

MW57D

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 3
Well I.D. MW65D

CHRISTENSEN 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	13.7	753	153.3			

Date						
25 JAN 2006	8.3	499	167.5	*	9.1	4549.3
13 APR 2006	8.2	501	175.8	*	9.1	4552.1
31 JUL 2006	8.7	519	178.3	*	9.2	4553.5
18 OCT 2006	8.0	521	158.0	*	9.1	4554.7

* Values Exceed Upper Control Limit

MW65D

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW67D

CHRISTENSEN 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	12.9	789	134			

Date						
14 MAR 2006	9.3	576	156.5	*	8.7	4529.8
19 JUN 2006	10.0	575	173.1	*	8.9	4531.6
26 SEP 2006	9.0	576	177.2	*	8.8	4532.4
14 DEC 2006	8.9	587	152.1	*	8.7	4533.8

* Values Exceed Upper Control Limit

MW67D

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW69D

CHRISTENSEN 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	12.9	789	134			

Date						
14 MAR 2006	9.7	621	115.9	8.7		4531.4
19 JUN 2006	10.4	627	134.2 *	8.8		4532.9
26 SEP 2006	9.3	626	124.9	8.8		4534.0
14 DEC 2006	9.3	633	120.3	8.7		4541.5

* Values Exceed Upper Control Limit

MW69D

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW71D

CHRISTENSEN 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	12.9	789	134			

Date						
14 MAR 2006	9.6	626	113.3	8.9		4534.1
19 JUN 2006	10.2	637	126.1	8.9		4536.1
26 SEP 2006	9.5	639	118.8	8.9		4537.1
12 DEC 2006	9.8	641	116.7	8.8		4538.3

* Values Exceed Upper Control Limit

MW71D

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW91D

CHRISTENSEN 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	12.9	789	134			

Date

14 MAR 2006	9.2	525	187.7	*	8.4	4529.6
19 JUN 2006	9.4	534	191.4	*	8.6	4531.4
26 SEP 2006	9.1	548	177.5	*	8.6	4532.5
14 DEC 2006	8.8	556	167.0	*	8.5	4533.6

* Values Exceed Upper Control Limit

MW91D

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW93D

CHRISTENSEN 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	12.9	789	134			

Date

14 MAR 2006	10.1	649	107.4		8.4	4527.1
19 JUN 2006	11.0	653	112.8		8.5	4529.3
26 SEP 2006	9.7	653	106.4		8.6	4530.6
14 DEC 2006	9.4	652	106.3		8.4	4531.7

* Values Exceed Upper Control Limit

MW93D

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW95D

CHRISTENSEN 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	12.9	789	134			

Date						
14 MAR 2006	9.9	649	107.7	8.4		4528.2
19 JUN 2006	10.4	651	116.0	8.5		4530.2
26 SEP 2006	10.0	647	114.3	8.6		4530.9
14 DEC 2006	9.2	646	109.3	8.4		4532.4

* Values Exceed Upper Control Limit

MW95D

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW97D

CHRISTENSEN 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	13.8	723	143.3			

Date						
14 MAR 2006	10.5	609	113.3	8.3		4527.9
19 JUN 2006	11.3	616	122.7	8.5		4528.8
26 SEP 2006	10.6	615	117.2	8.6		4529.0
13 DEC 2006	10.1	614	114.1	8.5		4530.0

* Values Exceed Upper Control Limit

MW97D

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW99D

CHRISTENSEN 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	13.8	723	143.3			

Date						
14 MAR 2006	10.4	535	170.6 *	8.4		4523.7
19 JUN 2006	11.1	549	169.7 *	8.6		4524.3
26 SEP 2006	9.8	578	133.2	8.5		4526.7
13 DEC 2006	10.1	592	122.4	8.5		4526.5

* Values Exceed Upper Control Limit

MW99D

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW113D

CHRISTENSEN 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	13.8	723	143.3			

Date						
14 MAR 2006	11.4	479	223.2 *	8.9		4523.4
19 JUN 2006	12.1	485	242.6 *	8.9		4525.4
26 SEP 2006	10.4	518	216.3 *	8.8		4526.8
13 DEC 2006	10.2	523	187.7 *	8.8		4527.7

* Values Exceed Upper Control Limit

MW113D

Negative U3O8 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN 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	14.1	712	189.2			

Date

28 MAR 2006	9.0	565	118.7	8.5		4566.3
06 JUN 2006	9.2	562	127.4	8.5		4567.1
12 SEP 2006	8.7	561	125.1	8.6		4568.2
05 DEC 2006	8.5	562	121.1	8.5		4569.0

* Values Exceed Upper Control Limit

4DM-1

Negative U3O8 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN 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	14.1	712	189.2			

Date

28 MAR 2006	8.3	513	128.1	8.7		4558.8
06 JUN 2006	8.4	511	143.9	8.6		4559.9
14 SEP 2006	7.9	511	138.2	8.7		4562.0
05 DEC 2006	8.0	512	137.8	8.5		4562.8

* Values Exceed Upper Control Limit

4DM-4

Negative U3O8 Grades Indicate Less Than Detection Limit.

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

CHRISTENSEN 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	14.1	712	189.2			

Date						
28 MAR 2006	9.2	513	141.0	8.6		4554.3
06 JUN 2006	8.8	510	149.7	8.6		4556.5
14 SEP 2006	8.6	512	150.6	8.7		4557.9
05 DEC 2006	8.6	512	149.7	8.5		4558.3

* Values Exceed Upper Control Limit

4DM-8

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 4
Well I.D. 4DRM-07

CHRISTENSEN 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	14.1	712	189.2			

Date						
28 MAR 2006	8.2	528	128.9	8.6		4562.7
06 JUN 2006	8.5	525	138.0	8.6		4563.3
12 SEP 2006	7.8	526	128.8	8.6		4564.6
05 DEC 2006	8.2	525	133.9	8.4		4565.4

* Values Exceed Upper Control Limit

4DRM-07

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5DM1A

CHRISTENSEN 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	22.8	1017	420.9			

Date

19 JAN 2006	5.4	406	186.1	8.8		4600.1
25 APR 2006	5.7	397	199.3	8.9		4601.4
20 JUL 2006	5.5	404	222.1	8.9		4601.8
30 OCT 2006	5.5	403	192.5	8.8		4602.8

* Values Exceed Upper Control Limit

5DM1A

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5DM2

CHRISTENSEN 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	22.8	1017	420.9			

Date

17 JAN 2006	10.2	622	106.6	9.0		4596.3
26 APR 2006	11.2	620	124.7	8.9		4599.1
20 JUL 2006	11.2	618	133.4	9.0		4600.4
30 OCT 2006	11.3	621	116.2	8.7		4602.2

* Values Exceed Upper Control Limit

5DM2

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5DM3

CHRISTENSEN 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	22.8	1017	420.9			

Date						
17 JAN 2006	8.8	533	146.6	8.7		4597.9
26 APR 2006	9.0	518	150.6	8.7		4599.7
20 JUL 2006	9.0	516	182.0	8.7		4600.5
30 OCT 2006	8.6	519	158.1	8.6		4601.7

* Values Exceed Upper Control Limit

5DM3

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5DM4

CHRISTENSEN 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	22.8	1017	420.9			

Date						
19 JAN 2006	5.5	426	210.4	8.7		4599.5
25 APR 2006	6.3	419	226.7	8.8		4600.6
20 JUL 2006	6.2	420	242.7	8.7		4601.1
30 OCT 2006	6.3	424	223.8	8.6		4602.0

* Values Exceed Upper Control Limit

5DM4

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5DM5

CHRISTENSEN 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	22.8	1017	420.9			

Date

18 JAN 2006	5.5	460	204.9	8.6		4596.6
18 APR 2006	6.0	442	251.9	8.6		4598.2
20 JUL 2006	5.9	444	261.6	8.6		4599.4
26 OCT 2006	6.3	445	237.4	8.5		4600.4

* Values Exceed Upper Control Limit

5DM5

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5DM7

CHRISTENSEN 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	22.8	1017	420.9			

Date

19 JAN 2006	11.2	525	240.3	8.2		4596.9
26 APR 2006	12.1	521	258.8	7.8		4598.9
20 JUL 2006	9.4	522	280.5	8.4		4599.3
30 OCT 2006	7.9	521	244.6	8.3		4600.5

* Values Exceed Upper Control Limit

5DM7

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. WCOW-37D

CHRISTENSEN 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	22.8	1017	420.9			

Date						
18 JAN 2006	9.2	461	228.6	8.5		4595.5
18 APR 2006	8.9	455	248.9	8.5		4597.5
20 JUL 2006	9.2	451	262.3	8.5		4600.9
30 OCT 2006	9.1	453	239.2	8.5		4599.6

* Values Exceed Upper Control Limit

WCOW-37D

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6DM1

CHRISTENSEN 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	21.9	1682	129.4			

Date						
07 FEB 2006	8.7	790	90.4	8.2		4584.1
10 MAY 2006	8.5	782	97.7	8.1		4589.6
09 AUG 2006	8.7	793	106.0	8.1		4593.6
06 NOV 2006	7.7	793	93.0	7.9		4695.7

* Values Exceed Upper Control Limit

6DM1

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6DM2

CHRISTENSEN 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	21.9	1682	129.4			

Date						
13 FEB 2006	6.9	1110	65.0	8.9		4586.1
10 MAY 2006	7.1	1118	71.2	9.0		4598.1
09 AUG 2006	7.1	1125	79.5	9.0		4595.1
06 NOV 2006	6.3	1124	69.3	8.6		4697.2

* Values Exceed Upper Control Limit

6DM2

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6DM3-2

CHRISTENSEN 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	21.9	1682	129.4			

Date						
13 FEB 2006	6.4	1101	71.2	7.9		4586.7
10 MAY 2006	6.6	1105	79.4	7.8		4592.1
09 AUG 2006	6.7	1114	87.4	7.7		4596.3
06 NOV 2006	6.1	1113	75.6	7.7		4598.3

* Values Exceed Upper Control Limit

6DM3-2

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6DM4-2

CHRISTENSEN 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	21.9	1682	129.4			

Date						
13 FEB 2006	6.5	1112	70.4	8.2		4587.5
10 MAY 2006	6.6	1120	77.5	8.3		4593.0
09 AUG 2006	6.5	1139	86.2	8.1		4597.3
06 NOV 2006	5.8	1140	75.2	8.0		4598.9

* Values Exceed Upper Control Limit

6DM4-2

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6DM5

CHRISTENSEN 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	21.9	1682	129.4			

Date						
14 FEB 2006	6.5	1140	74.4	7.6		4589.3
10 MAY 2006	6.6	1140	81.1	7.8		4595.2
09 AUG 2006	7.1	1137	86.4	7.7		4599.0
06 NOV 2006	6.1	1133	78.1	7.6		4601.1

* Values Exceed Upper Control Limit

6DM5

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6DM6

CHRISTENSEN 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	21.9	1682	129.4			

Date						
14 FEB 2006	7.4	832	84.5	8.2		4597.3
31 MAY 2006	7.9	828	93.2	8.5		4603.3
16 AUG 2006	7.7	834	101.8	8.4		4606.7
15 NOV 2006	7.1	833	90.5	8.3		4608.9

* Values Exceed Upper Control Limit

6DM6

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6DM7

CHRISTENSEN 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	21.9	1682	129.4			

Date						
07 FEB 2006	7.3	867	83.2	8.1		4607.1
10 MAY 2006	8.2	859	93.1	8.3		4613.1
16 AUG 2006	7.8	862	99.7	8.2		4616.3
15 NOV 2006	7.1	862	90.0	8.0		4618.3

* Values Exceed Upper Control Limit

6DM7

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6DM8

CHRISTENSEN 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	21.9	1682	129.4			

Date						
14 FEB 2006	7.1	847	80.1	8.1		4602.1
11 MAY 2006	7.4	847	92.7	8.5		4607.7
10 AUG 2006	7.6	847	100.0	8.3		4611.2
15 NOV 2006	6.9	851	88.8	8.2		4613.2

* Values Exceed Upper Control Limit

6DM8

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6DM9

CHRISTENSEN 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	21.9	1682	129.4			

Date						
14 FEB 2006	7.6	825	84.3	8.1		4597.1
11 MAY 2006	7.7	823	93.3	8.0		4603.1
10 AUG 2006	8.1	825	103.2	7.9		4607.4
15 NOV 2006	7.3	827	90.4	7.8		4609.4

* Values Exceed Upper Control Limit

6DM9

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6DM10

CHRISTENSEN 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	21.9	1682	129.4			

Date						
14 FEB 2006	7.5	837	84.4	8.2		4597.9
11 MAY 2006	8.1	837	97.6	8.5		4603.9
10 AUG 2006	7.8	838	101.1	8.3		4607.6
15 NOV 2006	6.8	842	87.8	8.2		4609.6

* Values Exceed Upper Control Limit

6DM10

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6DM11

CHRISTENSEN 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	22.9	1101	385.3			

Date						
07 FEB 2006	9.4	569	220.5	8.4		4602.7
10 MAY 2006	9.6	573	192.1	8.7		4608.9
10 AUG 2006	11.4	585	196.6	8.4		4612.7
06 NOV 2006	10.3	606	177.0	7.0		4614.9

* Values Exceed Upper Control Limit

6DM11

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6DM12

CHRISTENSEN 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	22.9	1101	385.3			

Date						
14 FEB 2006	8.2	530	116.7	8.4		4603.4
11 MAY 2006	8.5	532	131.9	8.7		4610.8
16 AUG 2006	8.0	531	135.4	8.6		4613.6
15 NOV 2006	7.6	534	121.3	8.4		4616.0

* Values Exceed Upper Control Limit

6DM12

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6DM13

CHRISTENSEN 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	22.9	1101	385.3			

Date						
14 FEB 2006	8.3	630	184.1	8.2		4600.3
11 MAY 2006	8.0	630	199.0	8.3		4606.7
16 AUG 2006	8.1	633	204.5	8.3		4610.7
06 NOV 2006	7.3	635	189.4	8.0		4613.4

* Values Exceed Upper Control Limit

6DM13

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6DM14

CHRISTENSEN 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	21.9	1682	129.4			

Date

14 FEB 2006	7.6	824	83.5	8.1		4593.7
11 MAY 2006	7.6	822	92.4	8.4		4599.4
10 AUG 2006	8.1	825	101.1	8.2		4603.3
15 NOV 2006	7.1	827	91.1	8.1		4604.9

* Values Exceed Upper Control Limit

6DM14

Negative U3O8 Grades Indicate Less Than Detection Limit.

CHRISTENSEN PROJECT

Perimeter Ore Zone Trend Wells

Mine Unit 2
Well I.D. MW78T

CHRISTENSEN RANCH
PERIMETER ORE ZONE TREND 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
Action Level	13.6	823	121.3			

Date

20 MAR 2006	10.2	667	91.4	8.4		4552.5
19 JUN 2006	10.0	675	101.7	8.4		4555.9
25 SEP 2006	9.9	671	104.2	8.4		4559.5
12 DEC 2006	9.2	670	96.3	8.3		4562.0

* Values Exceed Action Level

MW78T

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 2
Well I.D. MW87T

CHRISTENSEN RANCH
PERIMETER ORE ZONE TREND 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
Action Level	13.6	823	121.3			

Date

14 MAR 2006	10.2	660	90.3	8.4		4548.6
19 JUN 2006	10.7	662	100.7	8.4		4552.3
26 SEP 2006	9.7	662	99.6	8.4		4555.6
11 DEC 2006	9.8	661	97.6	8.3		4557.8

* Values Exceed Action Level

MW87T

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. 5TW-1

CHRISTENSEN RANCH
PERIMETER ORE ZONE TREND 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
Action Level	22.7	1004	134.3			

Date

19 JAN 2006	9.2	721	97.2	8.4		4605.0
26 APR 2006	9.4	713	106.6	8.4		4611.0
20 JUL 2006	9.1	716	115.0	8.4		4614.1
30 OCT 2006	8.9	717	104.6	8.4		4615.3

* Values Exceed Action Level

5TW-1

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6TW1

CHRISTENSEN RANCH
PERIMETER ORE ZONE TREND 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
Action Level	20	1576	95.2			

Date

07 FEB 2006	23.2	*	1637	*	7.3	4602.9
11 MAY 2006	21.8	*	1519	*	7.4	4609.2
30 AUG 2006	21.2	*	1489	*	7.4	4612.1
07 NOV 2006	21.0	*	1485	*	7.4	4612.1

* Values Exceed Action Level

6TW1

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6TW2

CHRISTENSEN RANCH
PERIMETER ORE ZONE TREND 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
Action Level	20	1576	95.2			

Date

14 FEB 2006	22.5	*	1530		159.0	*	8.0		4603.4
11 MAY 2006	23.5	*	1555		184.6	*	8.0		4608.9
30 AUG 2006	26.7	*	1598	*	197.6	*	7.7		4612.2
06 NOV 2006	25.9	*	1630	*	199.3	*	7.8		4614.0

* Values Exceed Action Level

6TW2

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6TW3

CHRISTENSEN RANCH
PERIMETER ORE ZONE TREND 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
Action Level	20	1576	95.2			

Date

07 FEB 2006	5.7		1280		66.6		7.9		4605.1
11 MAY 2006	5.4		1268		76.2		7.9		4610.2
16 AUG 2006	5.5		1271		79.7		7.7		4613.6
06 NOV 2006	4.9		1271		71.9		7.6		4614.8

* Values Exceed Action Level

6TW3

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6TW4

CHRISTENSEN RANCH
PERIMETER ORE ZONE TREND 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
Action Level	20	1576	95.2			

Date						
14 FEB 2006	65.0 *	2270 *	518.8 *	6.9		4602.1
11 MAY 2006	57.6 *	2333 *	442.6 *	7.2		4607.8
30 AUG 2006	54.6 *	2400 *	426.2 *	7.3		4611.3
06 NOV 2006	53.3 *	2375 *	431.2 *	7.4		4613.3

* Values Exceed Action Level

6TW4

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6TW5

CHRISTENSEN RANCH
PERIMETER ORE ZONE TREND 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
Action Level	20	1576	95.2			

Date						
13 FEB 2006	38.6 *	2273 *	483.4 *	7.5		4602.9
10 MAY 2006	39.4 *	2270 *	531.8 *	7.7		4608.7
16 AUG 2006	34.6 *	2323 *	546.6 *	7.8		4611.3
06 NOV 2006	36.0 *	2300 *	519.4 *	7.6		4612.9

* Values Exceed Action Level

6TW5

Negative U3O8 Grades Indicate Less Than Detection Limit.

CHRISTENSEN PROJECT

Interior Deep Sand Trend Wells

Mine Unit 5
Well I.D. SDM8T

CHRISTENSEN RANCH
INTERIOR DEEP SAND TREND 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
Action Level	22.8	1017	420.9			

Date						
18 JAN 2006	8.2	589	117.3	8.5		4598.7
18 APR 2006	9.2	582	140.6	8.3		4603.9
20 JUL 2006	9.2	581	143.5	8.5		4607.7
26 OCT 2006	10.8	585	147.8	8.2		4608.5

* Values Exceed Action Level

SDM8T

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 5
Well I.D. SDM9T

CHRISTENSEN RANCH
INTERIOR DEEP SAND TREND 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
Action Level	22.8	1017	420.9			

Date						
18 JAN 2006	11.2	512	110.2	8.7		4600.1
18 APR 2006	11.2	506	122.5	8.5		4606.3
19 JUL 2006	11.1	504	126.6	8.6		4610.1
23 OCT 2006	10.0	505	109.8	8.4		4610.6

* Values Exceed Action Level

SDM9T

Negative U3O8 Grades Indicate Less Than Detection Limit.

Mine Unit 6
Well I.D. 6DT1

CHRISTENSEN RANCH
INTERIOR DEEP SAND TREND 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
Action Level	21.3	1802	121.7			

Date

13 FEB 2006	8.4	811	87.4	8.1		4590.4
11 MAY 2006	8.6	809	99.7	8.3		4595.9
10 AUG 2006	8.5	812	108.0	8.2		4599.7
06 NOV 2006	7.5	815	95.4	8.2		4601.9

* Values Exceed Action Level

6DT1

Negative U3O8 Grades Indicate Less Than Detection Limit.

APPENDIX 3
2006 ALARA Audit

**Annual ALARA Audit
of the
2006 Radiation Protection Program
COGEMA Mining, Inc.
Irigaray and Christensen Operations**

An audit of the COGEMA Mining, Inc. Irigaray and Christensen Operations radiation protection program to determine compliance with ALARA principles was conducted on February 14, 2007. The audit was completed in fulfillment of the requirements of Section 5.3 of the approved license application and Standard Operating Procedure No. HP-12. The audit was conducted by T. Hardgrove, Pathfinder Mines Corporation, with assistance from the Irigaray/Christensen Radiation Safety Officer. The areas audited and the overall results are summarized below.

1.0 Employee exposure records

Employee exposure records were reviewed. Of the total 12 employees evaluated, only one employee was assigned any exposure (TEDE). The lone individual assigned a TEDE received a dose of only 14 mrem, or 0.3% of the annual limit of 5 rems. The source of the dose was entirely external (measured by dosimeters worn by operating personnel). There were no assigned doses from airborne uranium or radon daughters due to very low measured concentrations during 2006.

Overall doses continue to be very low, reflective of the non-operational status of the site, and the controls on exposure accomplished with Radiation Work Permits (RWP) during decommissioning activities at Irigaray. Attachment 1 provides a summary of the 2006 doses and a comparison of the operating personnel's doses with the previous three years.

The yellowcake dryer was not operated during 2006 at the Irigaray site. Aquifer restoration activities were completed in 2005, resulting in no further incidental production of concentrate from restoration.

2.0 Bioassay results

Bioassays are analyzed on a monthly basis for plant personnel. The results for the 2006-year showed no employees exceeding the 15 µg/l action level. The only detectable concentration observed was 10 µg/l in one sample. All other samples were non-detectable (<5 µg/l) for U. Blind control spiked samples were routinely submitted with other samples to the analytical lab. The laboratory results for the blind control spikes were well within the acceptable range for accuracy. The bioassay program required pursuant to NRC License Condition No. 10.12 was being followed.

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3.0 Inspections

Documented walk through inspections (with emphasis on the decommissioning activities at the Irigaray plant since the Christensen Ranch plant sat idle) were made of the plant areas on a weekly basis (NRC License Condition 11.5). The inspection logs were reviewed and found to be in order. Items identified for corrective action were typically rectified the same day. Identified items were minimal and of a minor nature – typically relating to work area house keeping.

4.0 Training

The present RSO has been with the company for almost thirty years, serving for 2.5 years as a radiation safety technician and over five years as an environmental technician. His previous training in radiation safety is relevant to his position as RSO, and the NRC agreed with his qualifications in a letter to the company dated September 6, 2005. The RSO is current with his refresher training in radiation safety, and will receive additional scheduled training during 2007.

Training was also provided to employees and contractors pursuant to the company's Radiation Safety Training Plan. Task training was typically conducted by supervisors. All training was documented and filed in each employee's personnel file.

The required refresher radiation safety and general industrial safety training was provided to employees during quarterly safety meetings. The sole new employee (a temporary worker hired for the summer) received the required radiation and industrial safety training as described in the Radiation Safety Training Plan.

5.0 Safety Meetings

Safety meetings are routinely held on a quarterly basis. A review of the documentation for each meeting showed that a range of safety related topics was discussed. During 2006 the radiation safety topics included a review of the latest annual occupational doses (TEDEs), current exposures, general adherence to the radiation safety program, and the ALARA principle. On the industrial safety side, training focused on electrical hazards and proper use of personal safety equipment. The third quarter meeting was devoted to eight hours of first aid and CPR refresher training.

6.0 Radiological Surveys and Data

A review was made of the various radiological surveys required by NRC License Conditions 10.10, 10.11, and 11.3. A summary of the survey statistics for the year is provided in Attachment 2 to this report. A review of Attachment 2 and the radiation safety files generated the following comments:

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Alpha Contamination Swipes - Contamination swipe results at Christensen were very low for the entire year. No trends were noted. Contamination swipes at Irigaray were somewhat higher than at Christensen, but still well below the action level. The highest reading for the year at Irigaray was 48 dpm/100cm². No trends were evident.

Respirator Maintenance and Surveys of Respirators for Alpha Contamination – Documentation of respirator maintenance and surveys to check for alpha contamination on respirators were examined and found to be in order.

Airborne Uranium Surveys – Monthly airborne uranium levels at both Irigaray and Christensen remained low for the entire year. The maximum value recorded at Christensen was 3.0 E-12 µCi/ml during December. This value is 0.6% of the DAC for uranium. No trends were noted. The highest airborne uranium level recorded at Irigaray was 9.9E-12 µCi/ml during December. This level is 2.1% of the DAC (note that a calculated DAC value of 4.7E-10 µCi/ml is used, based on a mixture of 85% Class D and 15% Class W uranium). Airborne uranium from RWP work was not included in the calculation of the individual TEDEs assigned to employees for 2006 because measured concentrations during RWPs were so low

Radon Daughter Surveys – Monthly radon daughter levels at both Irigaray and Christensen remained below action levels for the entire year. Overall, radon progeny contributed 0% to the TEDEs assigned to employees for 2006. The highest measured radon daughter level at Irigaray was 0.03 WL; the highest level at Christensen Ranch was 0.04 WL. No trends in area radon daughter concentration were noted.

External Gamma Surveys – Gamma surveys are conducted on a quarterly basis. Should any area exceed the action level of 2 mR/hr, the area is posted as a "restricted area", and surveys are conducted monthly. No readings at either site exceeded the action level in 2006. The highest external gamma rate at Irigaray was 1.8 mR/hour which occurred in February. At Christensen Ranch the highest gamma rate was 0.8 mR/hour in August.

External gamma radiation contributed 100% of the recorded TEDE to employees during 2006 (Attachment 1), but the doses were quite low (maximum of 14 mrem, or 0.3% of the annual limit).

Radiation Work Permits (RWPs)

A total of 62 RWPs were issued during 2006. The number of RWPs reflects the amount of decommissioning work accomplished at Irigaray over the past year. There were no RWPs issued at Christensen Ranch. The highest airborne uranium exposure recorded for any of the RWPs was 0.6 DAC-hrs during work in the dry pack area. The average DAC-hours per RWP in 2006 was 0.029, and the maximally exposed individual from RWPs received a collective internal dose of 1.83 DAC-hours U.

Personnel Alpha Contamination Surveys

Personnel alpha contamination survey records indicated that personnel are routinely conducting self-monitoring prior to leaving the restricted areas at Irigaray and Christensen. Additionally, at least 25% of the total employees were spot-checked for alpha contamination by the RSO or RST on a quarterly basis. No problems were noted. Onsite vehicles were also

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spot checked on a quarterly basis to identify and remove any excessive alpha contamination. No vehicles exceeded the limit – the highest direct reading was 333 dpm/100 cm².

Equipment Release Surveys

Surveys of equipment prior to release from the restricted areas are well documented. There were 117 shipments of byproduct material sent to Shirley Basin; all of it was generated by decommissioning activities at Irigaray,. Detailed shipment release information was reviewed and found to have no apparent problems at the CR/IR end of the shipment process. The number of surveys of surplus equipment or scrap metal prior to release to unrestricted use remained at a level comparable to the previous year, reflecting the ongoing decommissioning activity at the Irigaray site. Release surveys were well documented with no apparent problems. Items that did not meet release criteria were noted in the records as not released, consistent with the recommendation made in the 2005 audit report.

7.0 Reports of Overexposures

There were no employee overexposures during the year.

8.0 Review of Standard Operating Procedures

The last annual review of SOPs was conducted by the RSO in May of 2006. No significant changes were made to the SOPs during that review. The SOPs are comprehensive.

9.0 Instrumentation

Calibration and/or repair records for instrumentation used for radiation surveys were reviewed. The calibration records were found to be in good order, pursuant to License Condition No. 10.13. All radiation detection instrumentation currently is calibrated by an outside vendor, Energy Laboratories, Inc. Air samplers are calibrated in-house. Out-of-calibration instruments are isolated to avoid inadvertent use until they are calibrated.

10.0 Recommendations for Ways to Further Reduce Personnel Exposures

The following recommendations are made to further reduce personnel exposures:

- Continue to emphasize good housekeeping practices as a means to avoid surface contamination problems.
- Continue to monitor and evaluate any decommissioning activities to assure that doses are maintained ALARA. If in doubt the issuance of an RWP for an activity is the conservative approach.

11.0 Conclusions

The radiation safety program at the Irigaray and Christensen sites is well managed and it is apparent that employee exposures are being maintained ALARA. Ample use of the RWP mechanism to control exposures during decommissioning activities is good. The diligence of the radiation safety staff, site management and the site employees to maintain an ALARA environment continues to be notable. Continued adherence to the ALARA principle will assure the maintenance of already low exposures.

A handwritten signature in black ink, appearing to read 'T. Hardgrove', with a long horizontal flourish extending to the right.

T. Hardgrove

Attachment 1

2006 ANNUAL OCCUPATIONAL RADIATION DOSE SUMMARY

Total internal and external dose (TEDE) NRC limit = 5,000 mrem

	<u>2006</u>	<u>2005</u>	<u>2004</u>	<u>2003</u>
Employees with no assigned dose	11	13	17	13
Employees with 0.01 to .9 % of limit	1	2	7	6
Employees with 1 to 1.9 % of limit	0	0	0	0
Employees with 2 to 2.9 % of limit	0	0	0	0
Employees with 3 to 3.9 % of limit	0	0	0	0
Maximum assigned dose:	14.mrem	22.0 mrem	21.6mrem	26mrem
% of annual limit:	.28%	.44%	.40%	
.52%				

Operator's Dose Summary

Only wellfield and plant operators had any assigned dose during 2006

	<u>2006</u>	<u>2005</u>	<u>2004</u>	<u>2003</u>
Dose range (mrem)	.03-14	1.3 -22.2	2-21.6	2-26
Average dose (mrem)	.06	12.6	7.3	11
% of annual limit	0.1%	0.2%	0.1%	0.2%

Operator Dose Sources:

Uran. Internal dose (mrem)	1.4 (1%)	6.7 (1%)	.7 (1%)	(1%)
Radon Da. Internal dose	0	0	0	0
External dose (mrem)	9 (99%)	31 (99%)	50.6 (99%)	67 (99%)

EXPOSURE AND MONITORING DATA 2006

	Action Levels	JANUARY Maximum Values	FEBRUARY Maximum Values	MARCH Maximum Values	APRIL Maximum Values	MAY Maximum Values	JUNE Maximum Values
<u>Employee Urine</u>	15 ug/l	10. ug/l	< 5 ug/l	< 5 ug/l	< 5 ug/l	< 5 ug/l	< 5 ug/l
<u>Alpha Contamination Survey</u>							
Irigaray Site Christensen Ranch	100 dpm/100cm2	38.6 dpm/100cm2 10. dpm/100cm2	23.7 dpm/100cm2 10.5 dpm/100cm2	10 dpm/100cm2 2.0 dpm/100cm2	28 dpm/100cm2 3.0 dpm/100cm2	25 dpm/100cm2 6.9 dpm/100cm2	11 dpm/100cm2 1.0 dpm/100cm2
<u>Airborne Uranium</u>							
Irigaray Site Christensen Ranch	1.18 E-10 uCi/ml 1.25 E-10 uCi/ml	1.3 E-12 uCi/ml 1.4 E-13 uCi/ml	3.5 E-12 uCi/ml 1.2 E-12 uCi/ml	8. E-13 uCi/ml 1.2 E-12 uCi/ml	7.5 E-12 uCi/ml 1.7 E-12 uCi/ml	4.3 E-12 uCi/ml 2.1 E-12 uCi/ml	5.1 E-12 uCi/ml 2.1 E-12 uCi/ml
<u>Radon Daughters</u>							
Irigaray Site Christensen Ranch	0.08 Working Level	0.01 Working Level 0.02 Working Level	0.009 Working Level 0.02 Working Level	0.009 Working Level 0.01 Working Level	0.03 Working Level 0.04 Working Level	0.02 Working Level 0.03 Working Level	0.01 Working Level 0.01 Working Level
<u>External Gamma</u>							
Irigaray Site Christensen Ranch	N/D= No Data > 2.0 mR/hour	N/D N/D	1.8 mR/hour 0.62 mR/hour	N/D N/D	N/D N/D	N/D N/D	0.5 mR/hour 0.5 mR/hour

	Action Levels	JULY Maximum Values	AUGUST Maximum Values	SEPTEMBER Maximum Values	OCTOBER Maximum Values	NOVEMBER Maximum Values	DECEMBER Maximum Values
<u>Employee Urine</u>	15 ug/l	<5. ug/l	<5. ug/l	<5. ug/l	<5. ug/l	<5. ug/l	<5. ug/l
<u>Alpha Contamination Survey</u>							
Irigaray Site Christensen Ranch	100 dpm/100cm2	43.4 dpm/100cm2 4.8 dpm/100cm2	48. dpm/100cm2 4.6 dpm/100cm2	12.3 dpm/100cm2 6.9 dpm/100cm2	18.9 dpm/100cm2 7.2 dpm/100cm2	16.0 dpm/100cm2 14. dpm/100cm2	17.0 dpm/100cm2 9.0 dpm/100cm2
<u>Airborne Uranium</u>							
Irigaray Site Christensen Ranch	1.18 E-10 uCi/ml 1.25 E-10 uCi/ml	4.8 E-12 uCi/ml 1.3 E-12 uCi/ml	2.8 E-12 uCi/ml 2.2 E-12 uCi/ml	2.8 E-12 uCi/ml 1.1 E-12 uCi/ml	9.8 E-13 uCi/ml 1.9 E-12 uCi/ml	6.6 E-12 uCi/ml 8.9 E-13 uCi/ml	9.9 E-12 uCi/ml 3.0 E-12 uCi/ml
<u>Radon Daughters</u>							
Irigaray Site Christensen Ranch	0.08 Working Level	0.002 Working Level 0.02 Working Level	0.01 Working Level 0.007 Working Level	0.01 Working Level 0.02 Working Level	0.02 Working Level 0.04 Working Level	0.01 Working Level 0.02 Working Level	0.01 Working Level 0.009 Working Level
<u>External Gamma (quarterly)</u>							
Irigaray Site Christensen Ranch	N/D= No Data >2.0 mrem/hour	N/D N/D	N/D 0.8 mR/hour	1.2 mR/hour N/D	N/D N/D	0.18 mR/hour 0.34 mR/hour	N/D N/D

J:\LOTUS\RAD-FORM\EXPO-MON (jv)

APPENDIX 4

General Location & Environmental Monitoring Location Map

**THIS PAGE IS AN
OVERSIZED DRAWING OR
FIGURE,
THAT CAN BE VIEWED AT THE
RECORD TITLED:
DRAWING NO.: PERMIT TO MINE NO.
478,
“COGEMA Mining, Inc.**

**CHRISTENSEN RANCH AREA
FACILITIES LOCATION MAP”,**

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BY SEARCHING USING THE
DOCUMENT/REPORT
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478**

D-01

**THIS PAGE IS AN
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FIGURE,**

**THAT CAN BE VIEWED AT THE
RECORD TITLED:**

**DRAWING NO.:
MINE UNIT 1 TO THRU 9,**

**“COGEMA Mining, Inc.
IRIGARAY PROJECT GENERAL
LOCATION MAP”,**

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DRAWING NO.**

MINE UNIT 1 TO THRU 9

D02

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FIGURE 5.5,**

**“COGEMA Mining, Inc.
Irigaray and Christensen Ranch
Enviromental Monitoring Station
Location”,
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DOCUMENT/REPORT
DRAWING NO.
FIGURE 5.5**

D03