U.S. Department of Energy
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AUG - 8 2003

WM-86

Ms. Wendy Naugle
Colorado Department of Public Health and Environment
Remedial Programs Section
Hazardous Materials & Waste Management
4300 Cherry Creek Drive South, Building B2
Denver, CO 80246-1530

Subject: Transmittal of the *Verification Monitoring Report, Slick Rock, Colorado, UMTRA Project Sites.*

Dear Ms. Naugle:

Enclosed is a copy of the *Verification Monitoring Report, Slick Rock, Colorado, UMTRA Project Sites*. This report assesses the status of the natural flushing compliance strategy using ground water and surface water data collected from September 2000 to present. Annual updates to this report will be produced as additional data is collected.

While both Slick Rock sites still have contaminant concentrations in the alluvial aquifer above the respective MCL, ACL, or background, levels are generally decreasing, which indicates natural flushing is occurring in the aquifer. In addition, contaminant concentrations are comparable to predictions made by the ground water model.

If you have any questions, please call me at 970/248-7612.

Sincerely,

Donald R. Metzler, P.Hg
Program Manager

cc w/enclosure:
R. Linton, NRC
C. Sealy, UMETCO
C. Crocker-Bedford, Land Owner
Telluride Public Library

cc w/o enclosure:
S. Marutzky, Stoller
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UMTRA
Ground Water Project

Verification Monitoring Report for the Slick Rock, Colorado, UMTRA Project Sites

July 2003

Prepared by the
U.S. Department of Energy
Grand Junction Office

Work Performed Under DOE Contract No. DE–AC13–02GJ79491 for the U.S. Department of Energy
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GJO-2003-470-TAC
GJO-GWSKR 2.0-1

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U0178500

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Appendix B—Surface Water Quality Data by Parameter

1.0 Introduction

The Slick Rock Uranium Mill Tailings Remedial Action (UMTRA) Project Sites consist of two former uranium-ore processing facilities, which are referred to as the North Continent (NC) site and the Union Carbide (UC) site. The Slick Rock sites are located along the banks of the Dolores River in San Miguel County, Colorado (Figure 1). Steep juniper covered hillsides and cliffs of the Dolores River Canyon surround the sites. The UC site is approximately 1 mile downstream from the NC site (Figure 2).

1.1 Purpose of Report

The purpose of this Verification Monitoring Report is to evaluate ground water and surface water monitoring data collected at the Slick Rock, Colorado, UMTRA Project sites since 2000 and assess the status of the compliance strategy for ground water cleanup.

1.2 Compliance Strategy

The proposed compliance strategy for the Slick Rock sites is natural flushing in conjunction with institutional controls and compliance monitoring (DOE 2002a). This strategy includes natural flushing to an alternate concentration limit (ACL) for selenium. Public health will be protected during the natural flushing process through an environmental covenant between the State of Colorado and UMETCO Minerals (landowner), which will restrict access to contaminated alluvial ground water.

2.0 Site Conditions

2.1 Hydrogeology

The Slick Rock sites overly an alluvial aquifer deposited by the Dolores River. The alluvial aquifer consists of unconsolidated material ranging in thickness from 15 to 20 feet and consists primarily of silty sands and silty sandy gravels with an occasional interbedded clay lens. The Dolores River alluvium is laterally restricted by bedrock that forms the terraces and canyon walls adjacent to the Dolores River. In addition, the Dolores River floodplain is discontinuous and pinches out in areas where the Dolores River meets the canyon wall. Depth to ground water in the unconfined alluvial aquifer ranges from 7 to 15 feet below ground surface.

The Salt Wash Member of the Jurassic Morrison Formation and the Jurassic Summerville Formation underlie the Quaternary Dolores River alluvium at the NC site. Because the Morrison Formation and the Summerville Formation have an abundance of fine-grained, low permeability units, these formations are considered aquitards at the NC site (DOE 2002b).

The hydrostratigraphic units at the UC site are, in descending stratigraphic order, the Quaternary Dolores River alluvium, the Jurassic Entrada Sandstone, and the Jurassic Navajo Sandstone. The Entrada Sandstone ranges from 40 to 60 feet thick in the floodplain area, with depths to ground water ranging from 6 to 8 feet below ground surface. The thickness of the Navajo Sandstone is approximately 180 feet in the Slick Rock area (DOE 2002b). Wells completed in the Navajo Sandstone and located on the floodplain at the UC site have an upward vertical gradient with respect to the alluvial aquifer and the Entrada Sandstone; these wells are flowing.

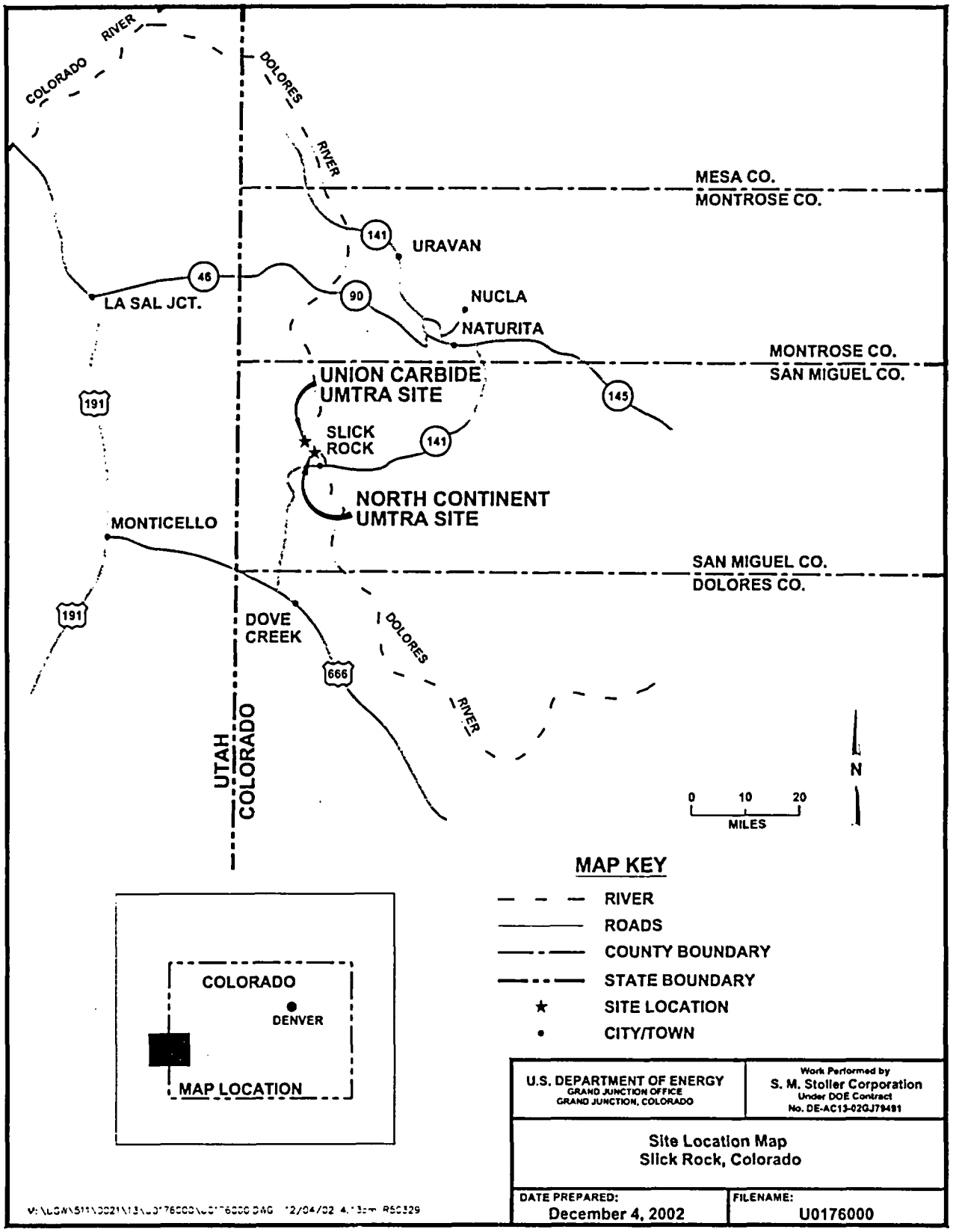

Figure 1. Slick Rock Sites Location Map

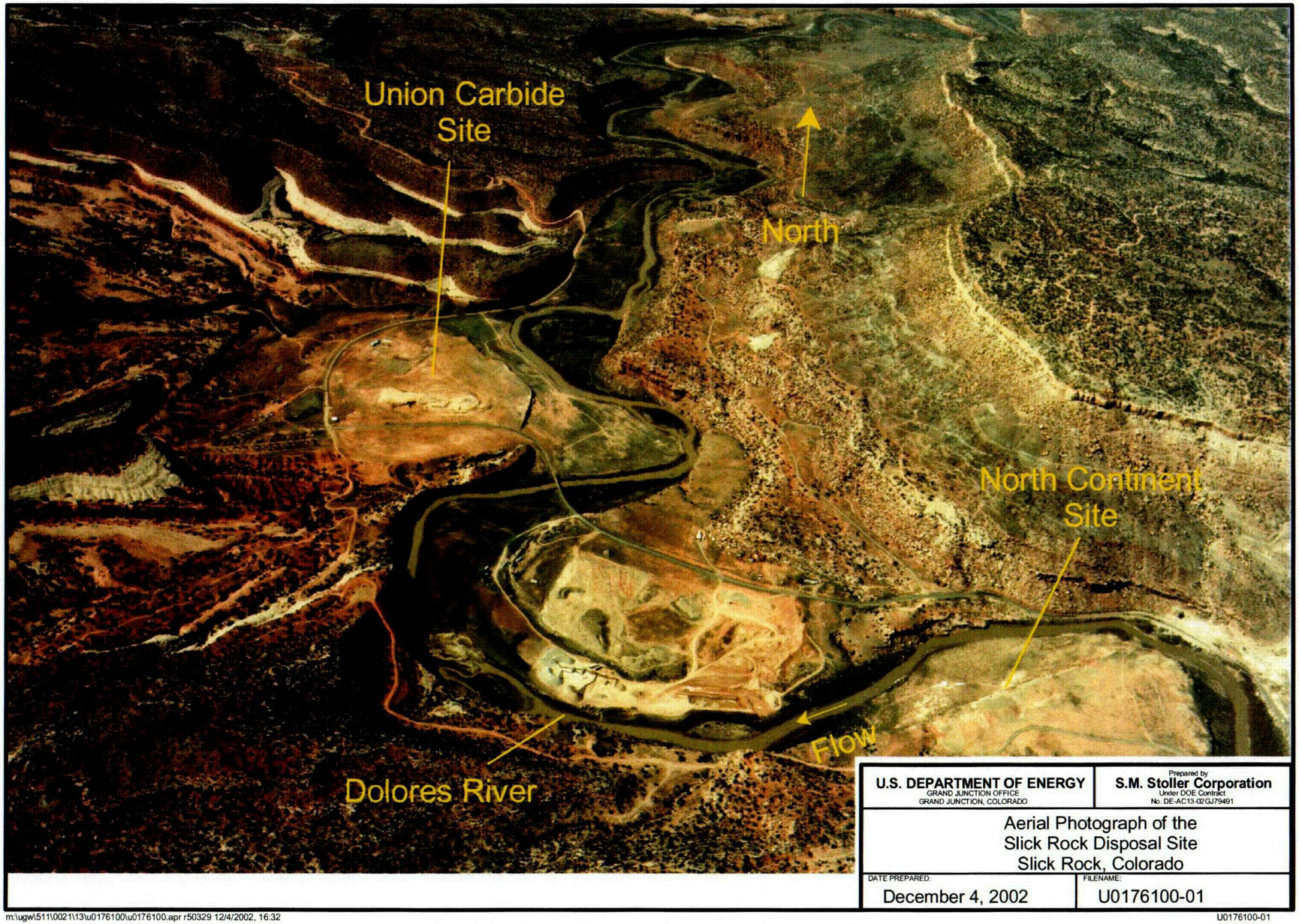

Figure 2. Aerial Photograph of the Slick Rock Sites

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2.2 Water Quality

Alluvial ground water beneath the NC site was contaminated as a result of former uranium processing activities. Constituents of potential concern (COPC) in the uppermost (alluvial) aquifer at the NC site are selenium and uranium. Uranium concentrations in the alluvial aquifer are up to two orders of magnitude greater than the UMTRA maximum concentration limit (MCL) of 0.44 mg/L. The distribution of uranium in the alluvial ground water at the NC site is shown in Figure 3. Selenium contamination at the NC site is confined to one well (0305) and is not considered a major contaminant at the NC site.

Ground water beneath the UC site also was contaminated by the former uranium processing activities. COPCs in the uppermost (alluvial) aquifer at the UC site include manganese, molybdenum, nitrate, selenium, uranium, radium-226, radium-228, benzene, and toluene. All of these COPCs are found in concentrations greater than the MCL or background concentrations (manganese) in the alluvial aquifer. Contaminant plumes in the alluvial aquifer are all contained onsite. Radium-226, radium-228, benzene, toluene, manganese and uranium are all considered minor contaminants in the alluvial ground water. The radium-226, radium-228, benzene, and toluene contamination is isolated to one well (0319), and manganese and uranium concentrations are near background levels and the MCL, respectively. The primary contaminants in the alluvial aquifer are molybdenum, nitrate, and selenium, with concentrations one (molybdenum) to two (nitrate and selenium) orders of magnitude greater than their respective MCL. The distribution of molybdenum, nitrate, and selenium in the alluvial aquifer at the UC site is displayed in Figures 4, 5, and 6, respectively.

Samples from wells completed in the Entrada Sandstone on the floodplain at the UC site have contained elevated concentrations of COPCs. Historically, concentrations of molybdenum (well 0317), nitrate (well 0324), and selenium (well 0324) exceeded their respective MCLs. However, these concentrations are thought to be a product of drilling and installing monitor wells through the contaminated alluvial aquifer. This theory is supported by hydrologic data that indicate there is slight upward vertical gradient between the alluvial and Entrada aquifers and that the hydraulic conductivity in the alluvial aquifer is two orders of magnitude greater than the Entrada aquifer. These hydrologic conditions should inhibit ground water from flowing vertically into the Entrada aquifer.

The Dolores River is the only perennial surface water feature in the vicinity of the Slick Rock sites. Results from surface-water sampling demonstrate minimal impact to the Dolores River from site activities. Concentrations of COPCs in samples collected from the Dolores River have not exceeded their respective Colorado Department of Public Health and the Environment (CDPHE) water quality benchmark (CDPHE 1998).

Ground water and surface water quality data by parameter since 2000 for all COPCs are provided in Appendices A and B, respectively.

2.3 Remediation Activities

Surface remediation at the Slick Rock sites commenced in 1995 and was completed in 1996. Abandoned uranium mill tailings and other contaminated surface residual radioactive material (RRM) associated with the former milling operations at the site were relocated to the Burro Canyon disposal cell, approximately 5 miles east of the Slick Rock Sites. The sites have been re-graded with on-site material and re-seeded.

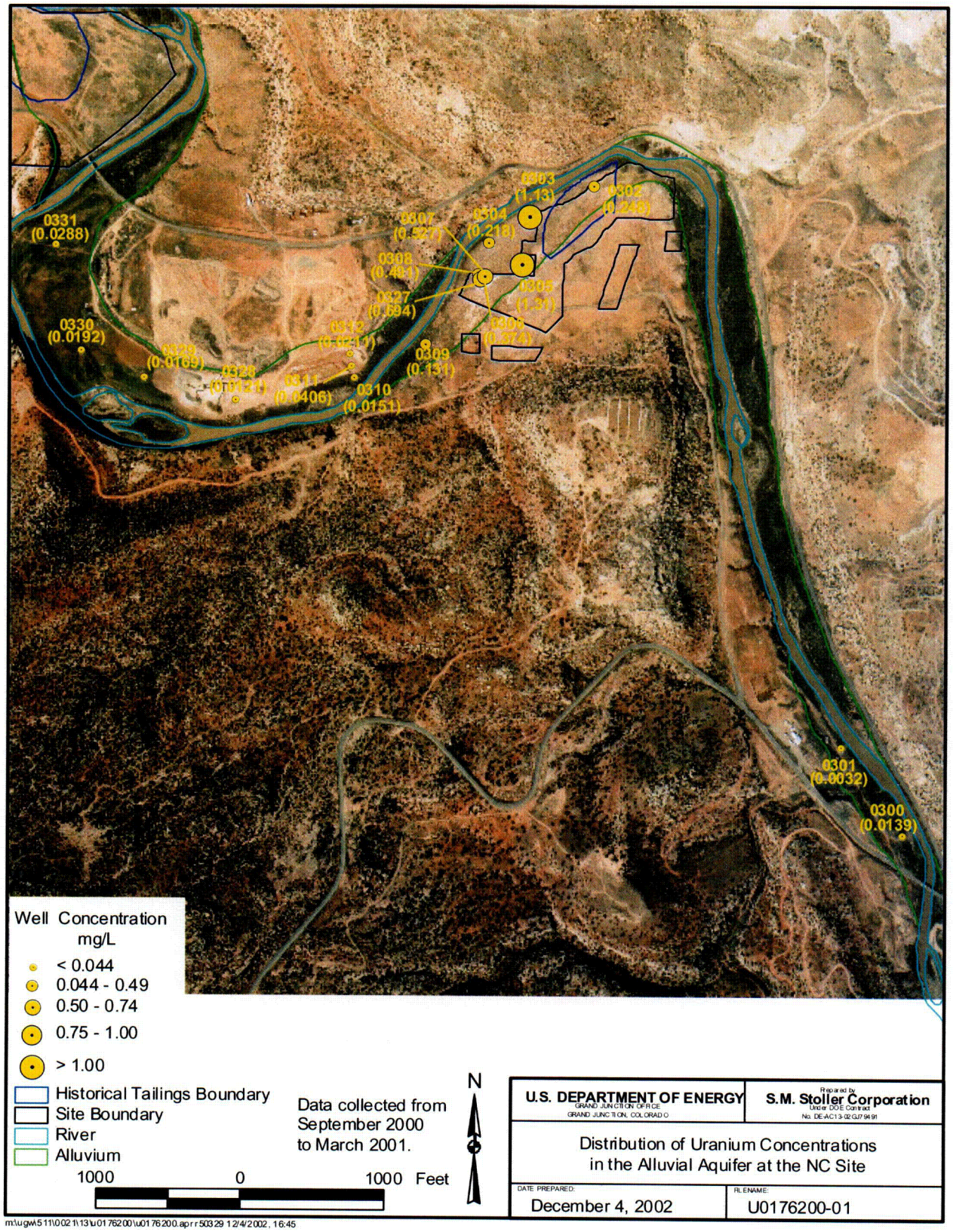

Figure 3. Distribution of Uranium in the Alluvial Aquifer at the NC Site

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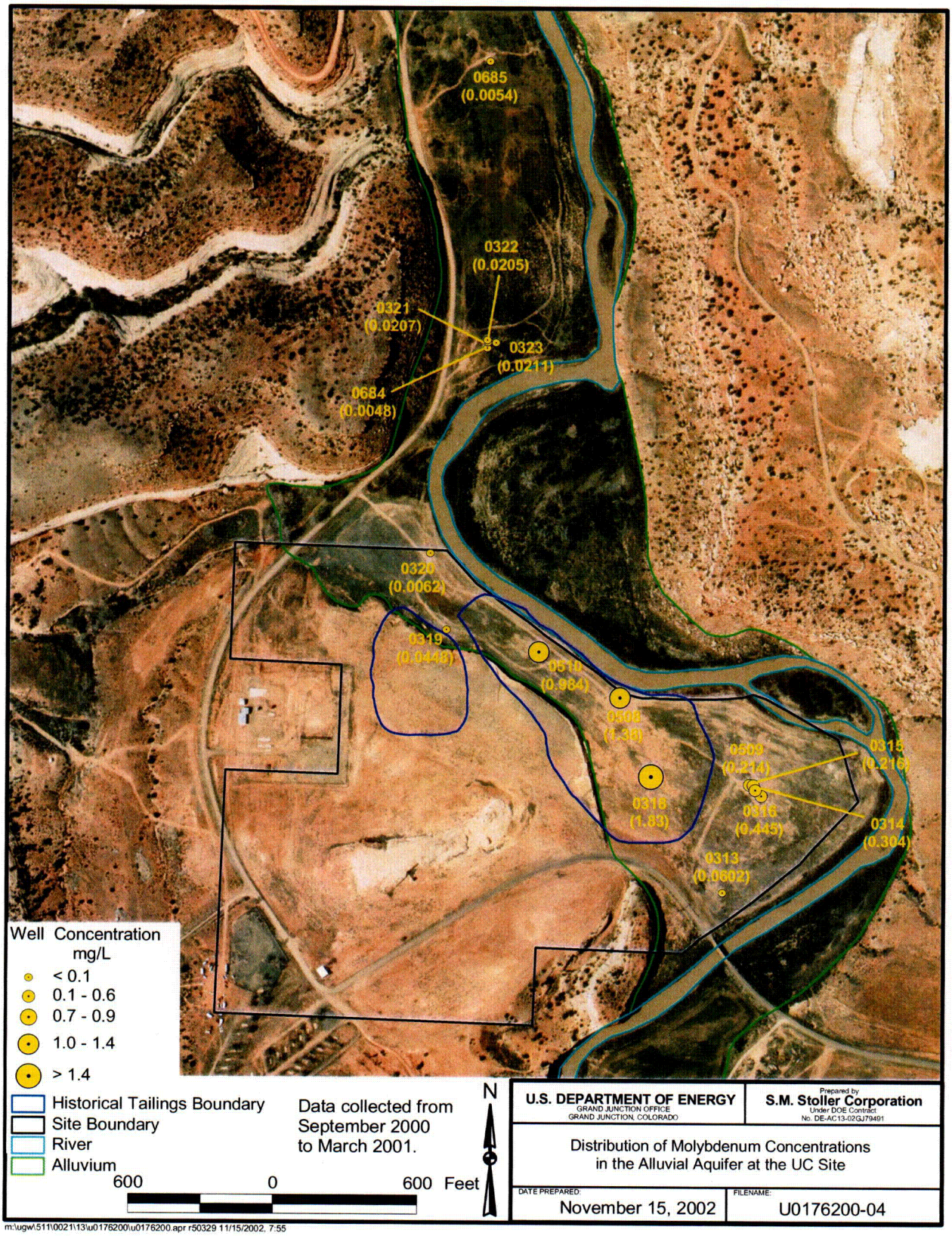

Figure 4. Distribution of Molybdenum in the Alluvial Aquifer at the UC Site

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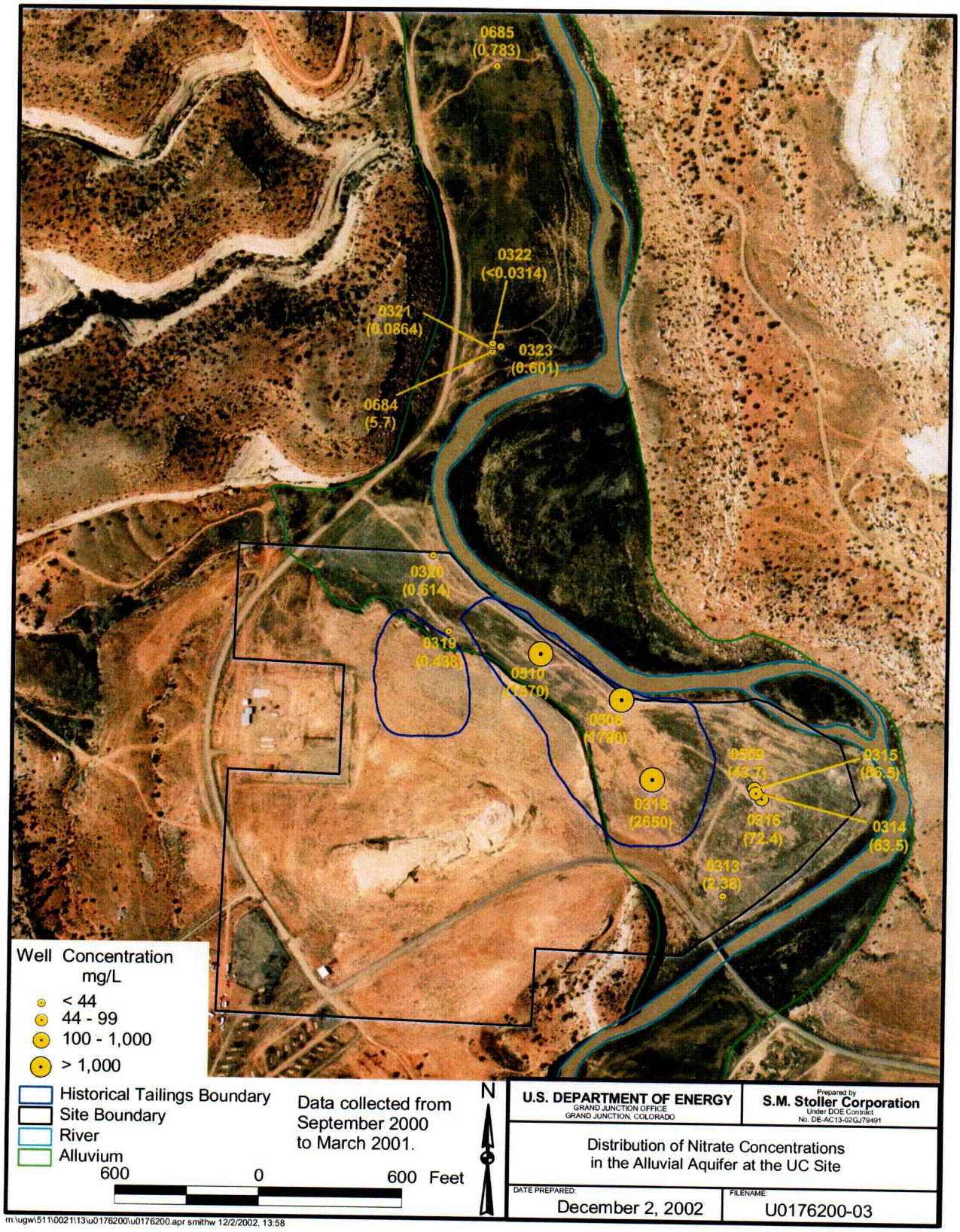

Figure 5. Distribution of Nitrate in the Alluvial Aquifer at the UC Site

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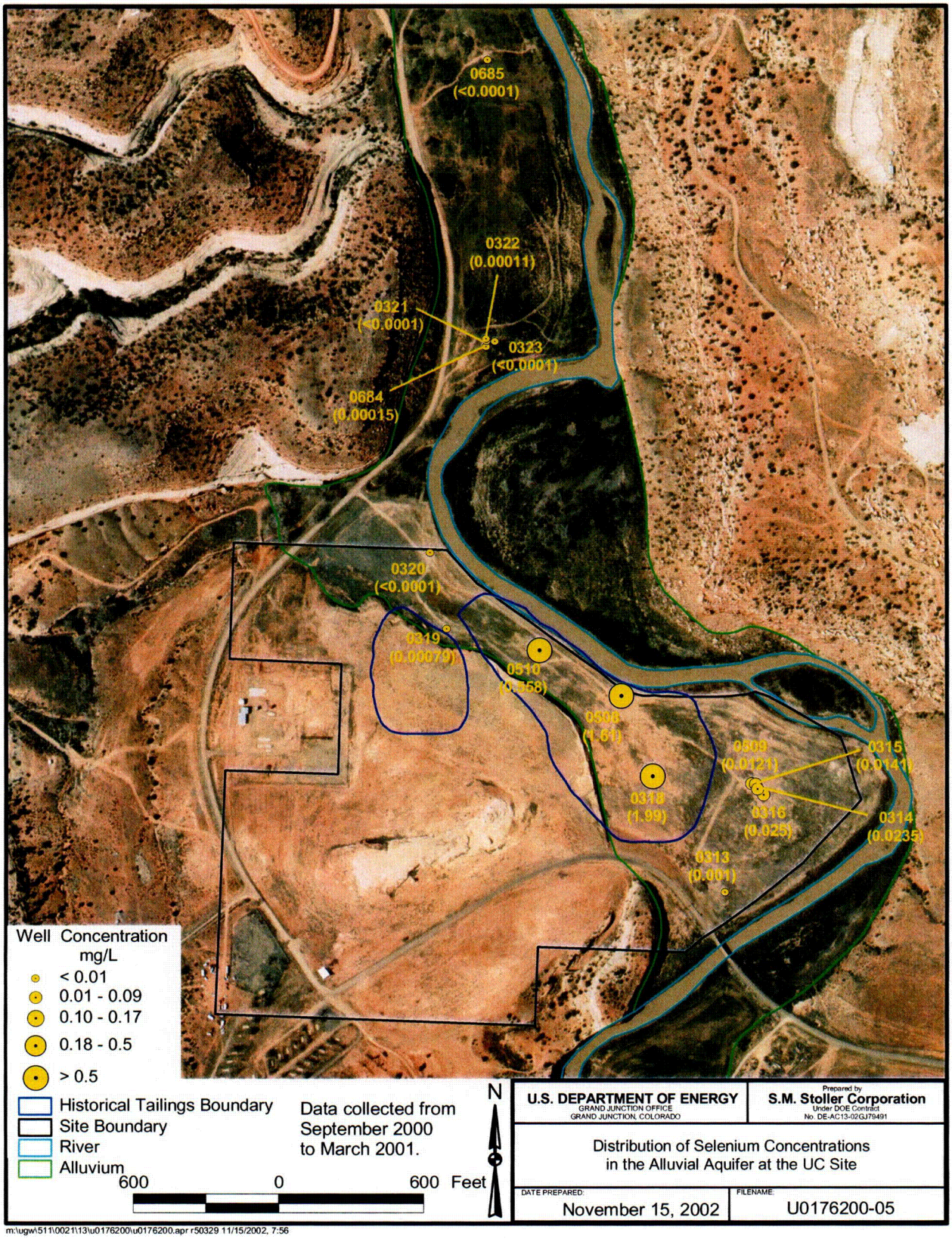

Figure 6. Distribution of Selenium in the Alluvial Aquifer at the UC Site

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2.4 Land and Water Use

The NC and UC sites are currently owned by UMETCO. The NC site is not fenced and is currently used for livestock grazing. The majority of the UC site is enclosed with a barbed wire fence. Land between the two sites is privately owned. Land use between the two sites includes irrigated alfalfa fields, livestock grazing, and gravel mining operations. Water used to irrigate the alfalfa is pumped from the Dolores River.

There is no current use of alluvial ground water beneath the former processing sites. Historically, a hand dug alluvial well located between the two sites was used as domestic source, but the well is no longer used. Recent water level measurements show the well is dry.

Ground water use from the Entrada Sandstone is limited. Water from the Entrada Sandstone is used to water livestock via a "collector system." The collector system consists of a plastic pipe installed into the cliff face formed by the Entrada Sandstone. Water discharges from the pipe into a stock tank at a rate of approximately 1 liter/minute. The collector system is located northwest and upgradient of the UC site.

Ground water used in the Slick Rock area is primarily supplied by the Navajo Sandstone aquifer. Currently, a domestic well completed in the Navajo Sandstone provides water to three residents and their livestock. Historically, wells completed in the Navajo Sandstone provided water for the milling operations and for the mill community at the UC site.

3.0 Monitoring Program

3.1 Monitoring Network

Verification monitoring is to be performed annually for the first 5 years after U.S. Nuclear Regulatory Commission (NRC) concurrence with the Ground Water Compliance Action Plan (GCAP) to ascertain that natural flushing is progressing as predicted by ground water flow and transport modeling (DOE 2002a). At the NC site, the monitoring network consists of five monitor wells and two surface water locations (Figure 7 and Table 1). At the UC site, the monitoring network consists of seven monitor wells and four surface water locations (Figure 8 and Table 2).

Monitoring is to be conducted annually for the first 5 years (verification monitoring) and once every 5 years thereafter until analytical data demonstrate that ground water in the uppermost aquifer has cleaned up. Natural flushing will be considered complete after a COPC is below its respective benchmark (MCL, ACL, or background) for three consecutive annual sampling events.

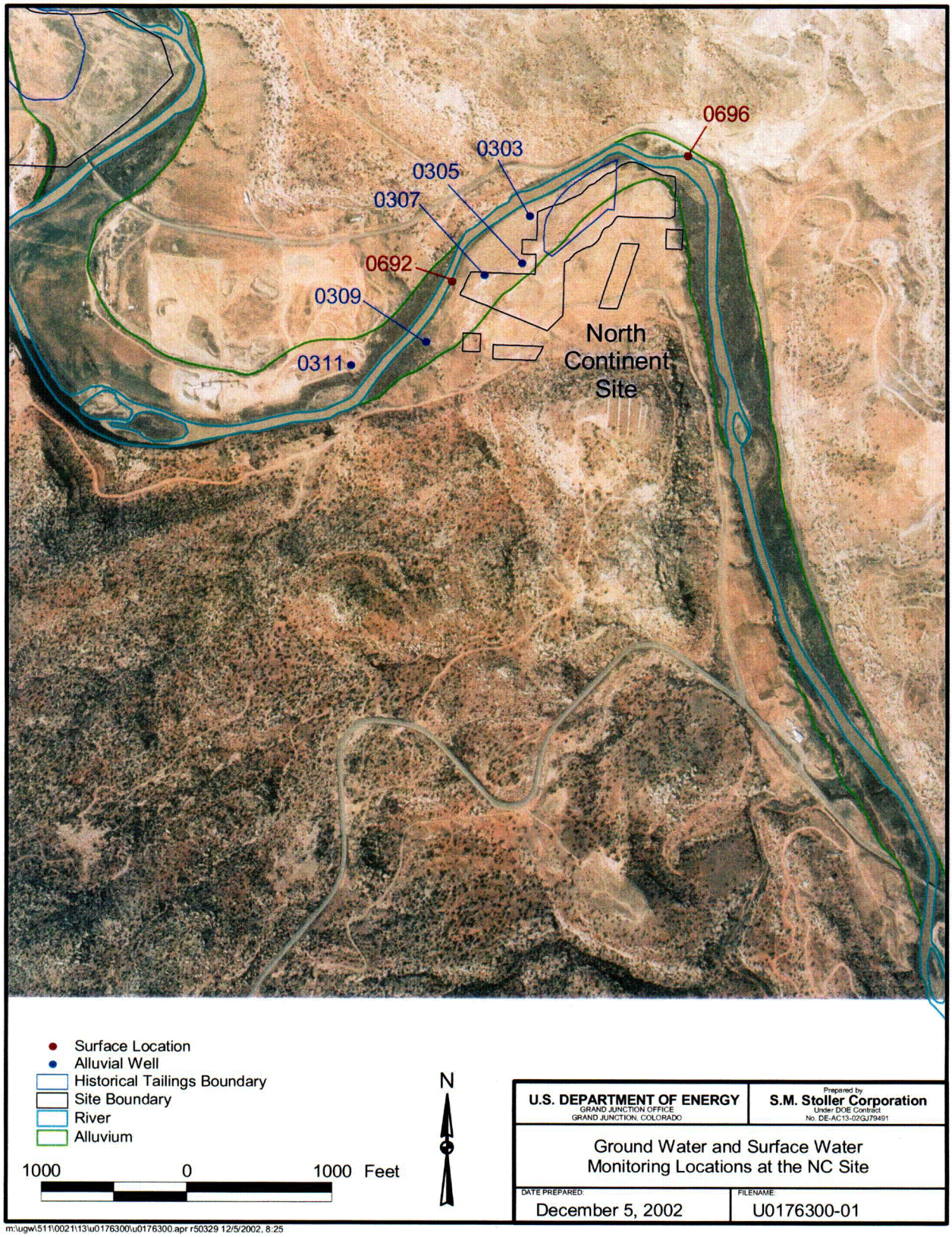

Figure 7. Ground Water and Surface Water Monitoring Locations at the NC Site

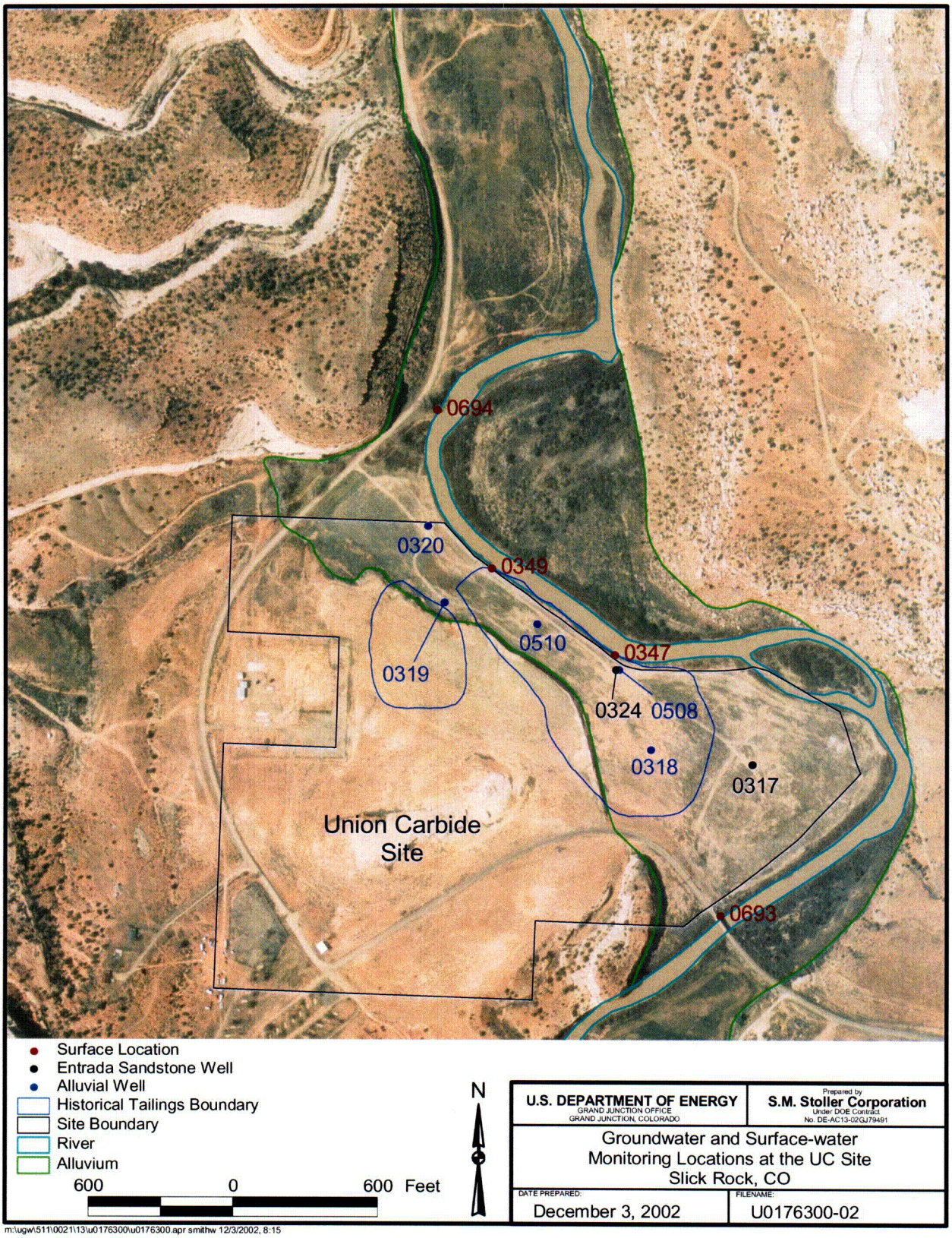

Figure 8. Ground Water and Surface Water Monitoring Locations at the UC Site

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Table 1. Monitoring Program at the NC Site

ID	Matrix	Location	Rationale	Analytes
0696	Surface Water	Upstream	Background for NC site.	Uranium
0692	Surface Water	Adjacent to site	Predicted location where the centroid of the uranium plume intersects the river.	Uranium
0303	Ground Water	On site	Hot spot for uranium.	Uranium
0305	Ground Water	On site	Hot spot for uranium; selenium above the UMTRA MCL.	Uranium, Selenium
0307	Ground Water	On site	Downgradient of hot spots, monitor plume migration.	Uranium, Selenium
0309	Ground Water	On site	Farthest downgradient well on site.	Uranium
0311	Ground Water	Downgradient	Off site across the river. Monitor migration of the uranium plume between sites.	Uranium

Table 2. Monitoring Program at the UC Site

ID	Matrix	Location	Rationale	Analytes
0693	Surface Water	Upstream	Background for UC site.	Manganese, Molybdenum, Nitrate, Selenium, and Uranium
0347	Surface Water	Adjacent to site	Predicted location where the centroid of the selenium plume intersects the river. POE for selenium.	Manganese, Molybdenum, Nitrate, Selenium, and Uranium
0349	Surface Water	Adjacent to site	Predicted location where centroid of contaminant plumes intersect the river.	Manganese, Molybdenum, Nitrate, Selenium, and Uranium
0694	Surface Water	Downstream	Potential for contaminant plumes to discharge to the river at this location.	Manganese, Molybdenum, Nitrate, Selenium, and Uranium
0318	Ground Water	On site	Hot spot for several COPCs.	Manganese, Molybdenum, Nitrate, Selenium, and Uranium
0508	Ground Water	On site	High selenium, nitrate, molybdenum, and selenium.	Manganese, Molybdenum, Nitrate, Selenium, and Uranium
0510	Ground Water	On site	Edge of former tailings pile, high COPC concentrations.	Manganese, Molybdenum, Nitrate, Selenium, and Uranium
0317	Ground Water	On site	Entrada Sandstone well, exceeds molybdenum MCL.	Molybdenum
0324	Ground Water	On site	Entrada Sandstone well, exceeded nitrate and selenium MCLs.	Nitrate and Selenium
0319	Ground Water	On site	Hot spot for benzene, toluene and Radium-226/Radium-228.	Benzene, Toluene, Ethylbenzene, Xylene, Radium-226, and Radium-228
0320	Ground Water	On site	Farthest downgradient well on site; monitor plume movement.	Manganese, Molybdenum, Nitrate, Selenium, and Uranium

3.2 Results of Monitoring Program

At the NC site, results of the monitoring program indicate natural flushing is progressing. Although concentrations of uranium in the alluvial aquifer are currently one to two orders of magnitude above the MCL (Figure 3) in the middle of the site, concentrations of uranium in well 0305 (centroid of the plume) are decreasing as predicted by the ground water model (Figure 9 and Table 3). In addition, uranium concentrations in well 0309 (downgradient of the centroid of the plume) have been declining and are presently near the MCL (Figure 10). Uranium

concentrations in well 0311 (across the Dolores River from the NC site) have been increasing slightly (Figure 10), which indicates uranium is migrating (flushing) from the NC site. However, the ground water flow and transport model predicts limited transport of contaminated ground water from the NC site and under the Dolores River; therefore, uranium concentrations in well 0311 are not expected to increase significantly.

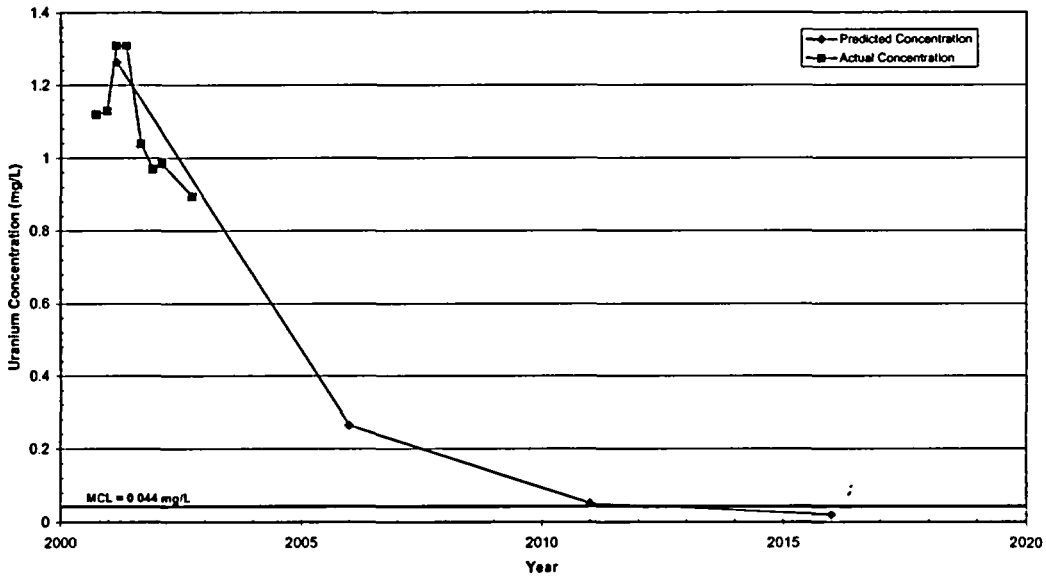

Figure 9. Uranium Concentrations in Well 0305 Versus Ground Water Model Predictions at the NC Site

Table 3. Comparison of COPC Concentrations in the Alluvial Aquifer to Benchmark Values

COPC	Benchmark[a]	Maximum Concentration[b]	Current Concentration[c]	Well Location	Site
Benzene	0.005	19.8	1.05	0319	UC
Manganese	3.5	12.80	2.77	0318	UC
Molybdenum	0.10	1.83	0.534	0318	UC
Nitrate	44.27	4,090	510	0318	UC
Radium-226 + Radium-228	5	7.21	4.78	0319	UC
Toluene	1	13.7	0.425	0319	UC
Selenium	0.01	2.57	0.980	0318	UC
Uranium	0.044	1.31	0.896	0305	NC

[a]Benchmark values are MCLs except for selenium (ACL) and manganese (background). Units are in milligrams per liter (mg/L), except for radium-226 and radium-228, which are in picoCuries per liter (pCi/L).
[b]Maximum concentration in the alluvial aquifer from September 2000 to September 2002.
[c]Concentration in September 2002.

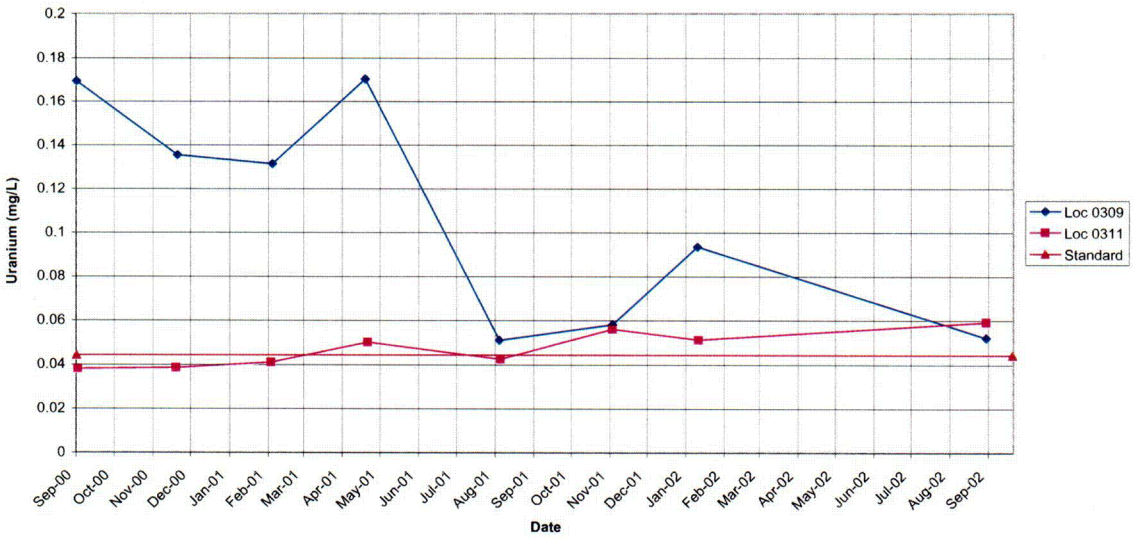

Figure 10. Uranium Concentrations Versus Time at the NC Site

As with the NC site, results of the monitoring program from the UC site indicate natural flushing is progressing. Concentrations of major contaminants (molybdenum, nitrate, and selenium) in the alluvial ground water are decreasing as shown in Figures 11, 12, and 13, respectively. Maximum concentrations of COPCs in the alluvial aquifer are decreasing as shown in Table 3. Generally, concentrations of the contaminants included in the ground water flow and transport model are progressing as predicted. Concentrations of manganese, molybdenum, nitrate, and selenium in well 0508 versus model predictions are displayed in Figures 14 through 17, respectively.

Several minor contaminants are limited to well 0319 only. Benzene and toluene concentrations in well 0319 have decreased significantly (Figures 18 and 19, respectively) as predicted by published biodegradation rates (Mackay et al. 1992). Radium-226 plus radium-228 activities in well 0319 remain close to the standard of 5 pCi/L (Figure 20).

Historically, concentrations of molybdenum (well 0317), nitrate (well 0324), and selenium (well 0324) exceeded the respective MCLs in samples collected from the Entrada Sandstone wells on the floodplain. However, these concentrations are thought to be a product of drilling and installing through the contaminated alluvial aquifer. Time versus concentration graphs for nitrate and selenium (Figures 21 and 22) in well 0324 show concentrations have been decreasing and have been below their respective standard for the last two sampling events. Molybdenum concentrations in well 0317, however, have been consistent over the short term (Figure 23).

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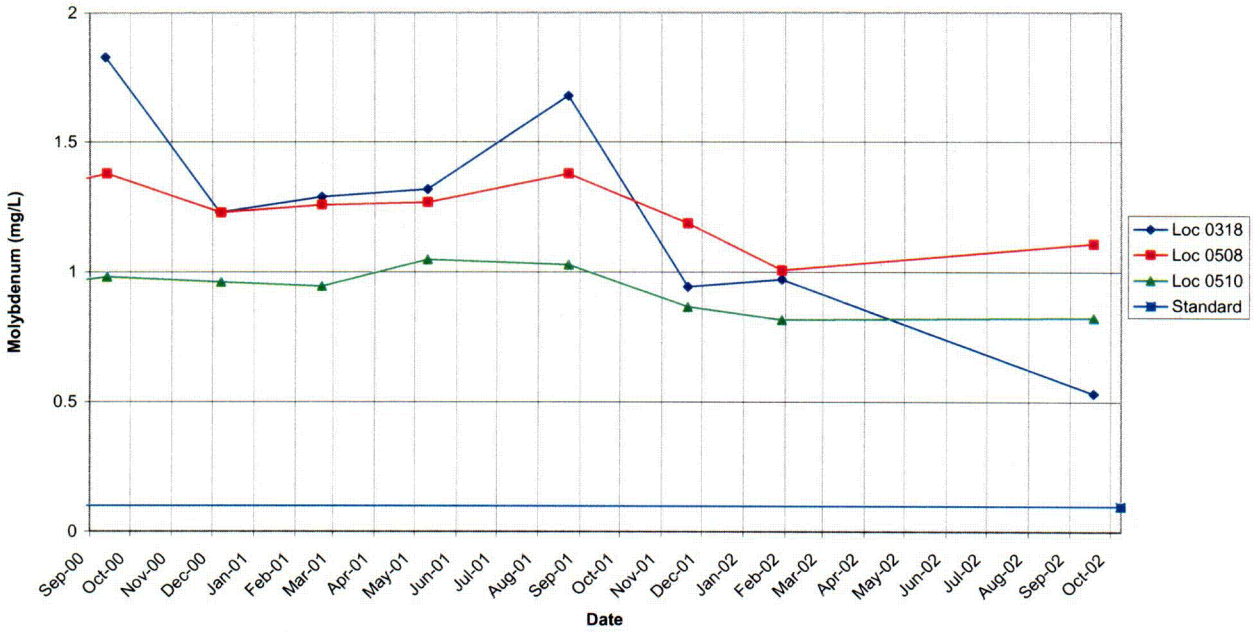

Figure 11. Molybdenum Concentrations Versus Time at the UC site

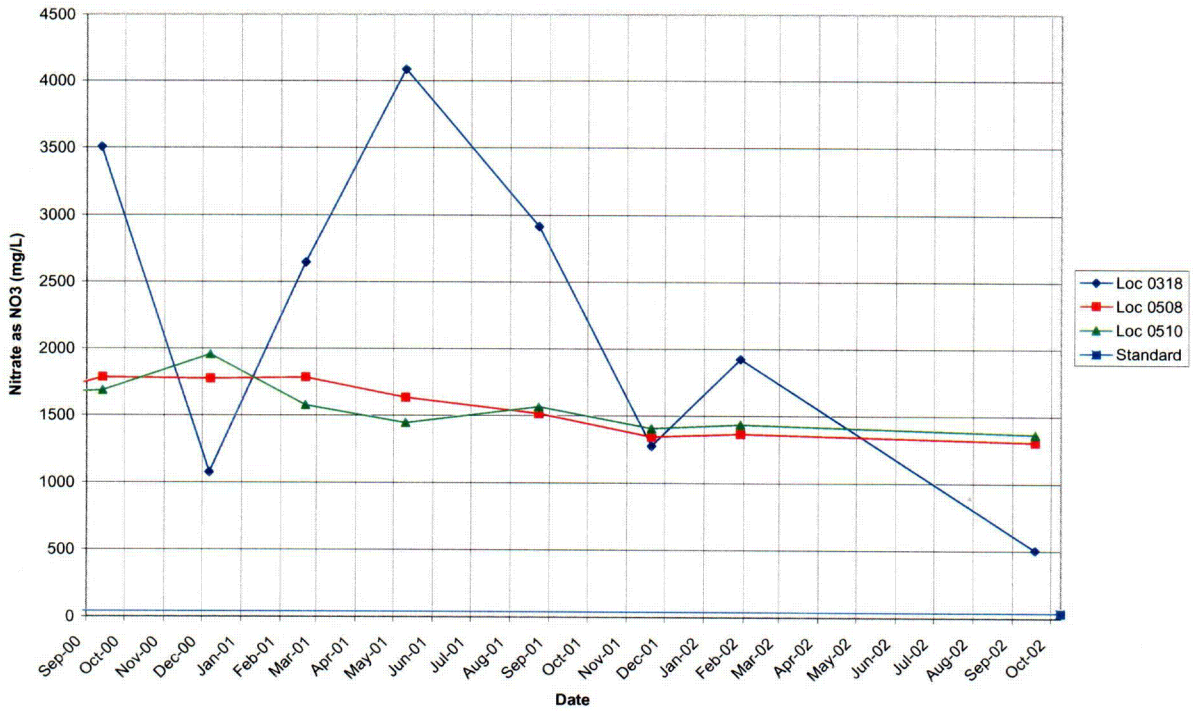

Figure 12. Nitrate Concentrations Versus Time at the UC site

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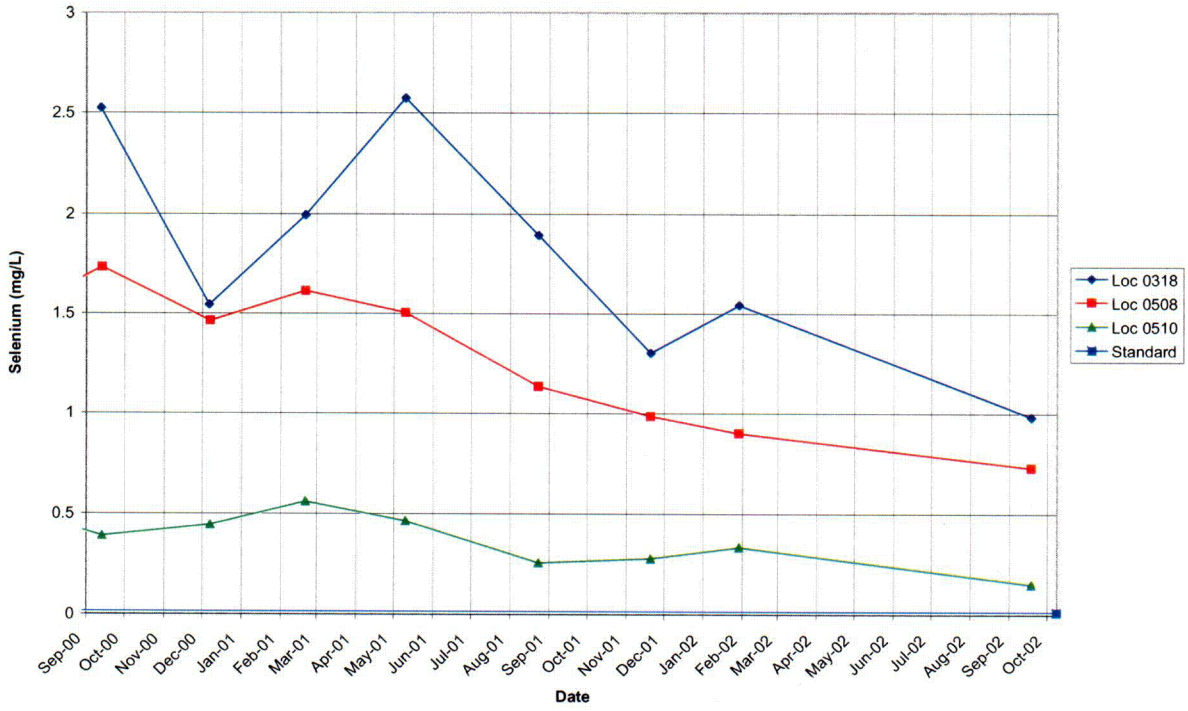

Figure 13. Selenium Concentrations Versus Time at the UC site

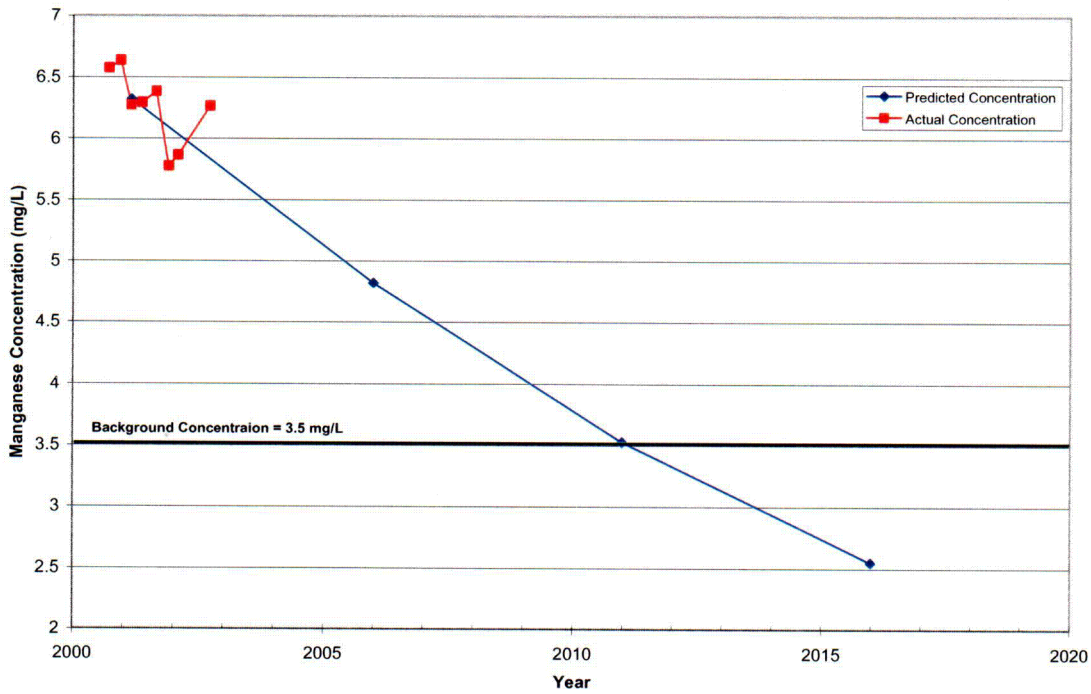

Figure 14. Manganese Concentrations in Well 0508 Versus Ground Water Model Predictions at the UC Site

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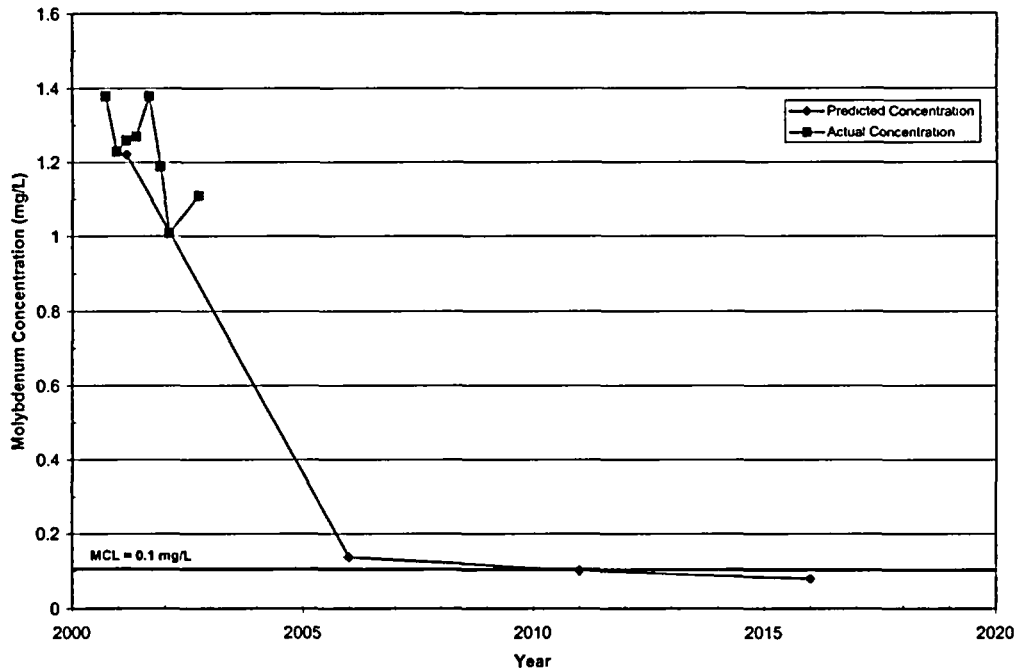

Figure 15. Molybdenum Concentrations in Well 0508 Versus Ground Water Model Predictions at the UC Site

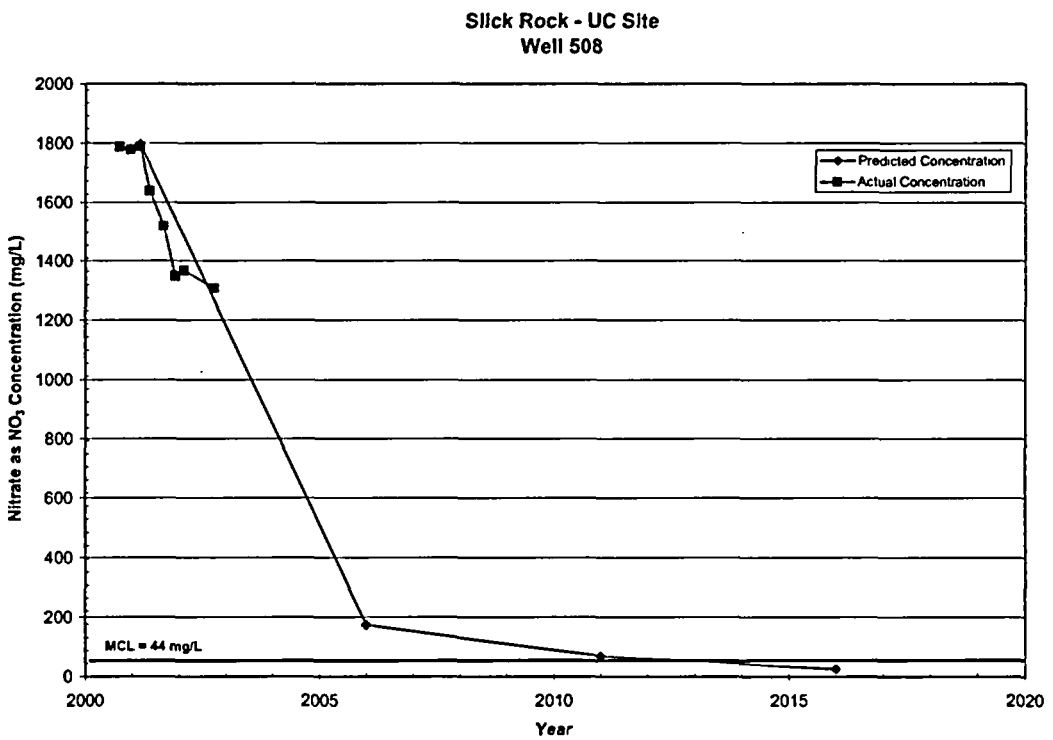

Figure 16. Nitrate Concentrations in Well 0508 Versus Ground Water Model Predictions at the UC Site

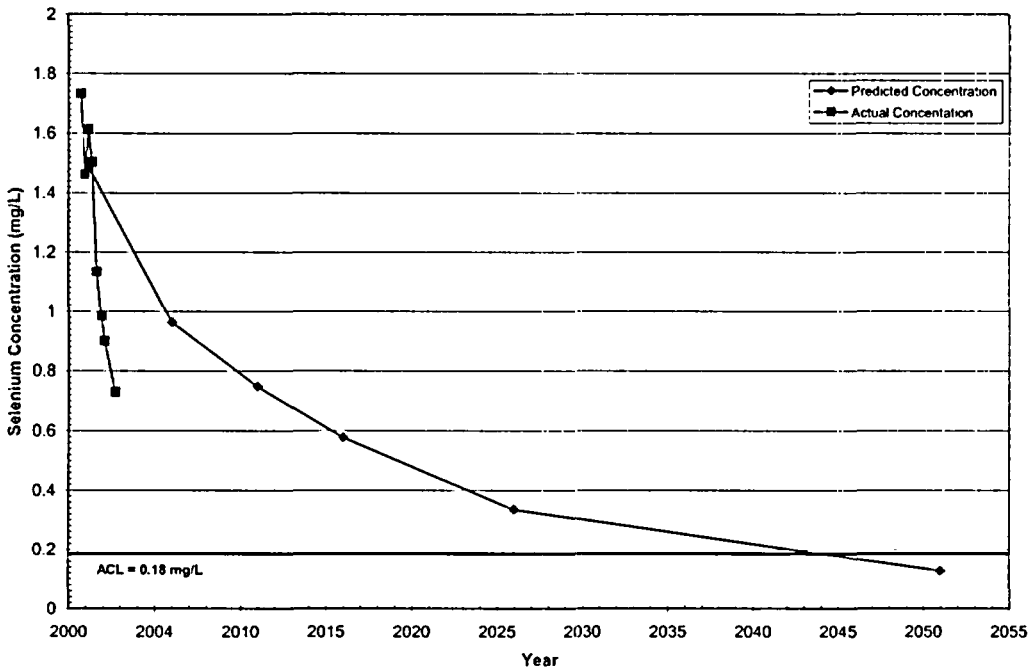

Figure 17. Selenium Concentrations in Well 0508 Versus Ground Water Model Predictions at the UC Site

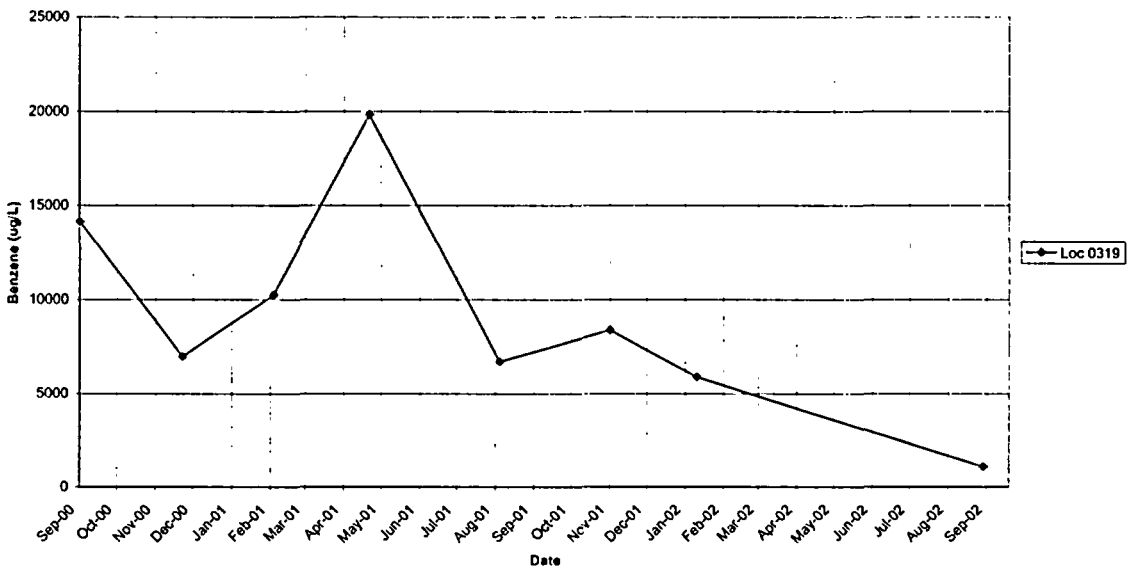

Figure 18. Benzene Concentrations Versus Time in Well 0319 at the UC Site

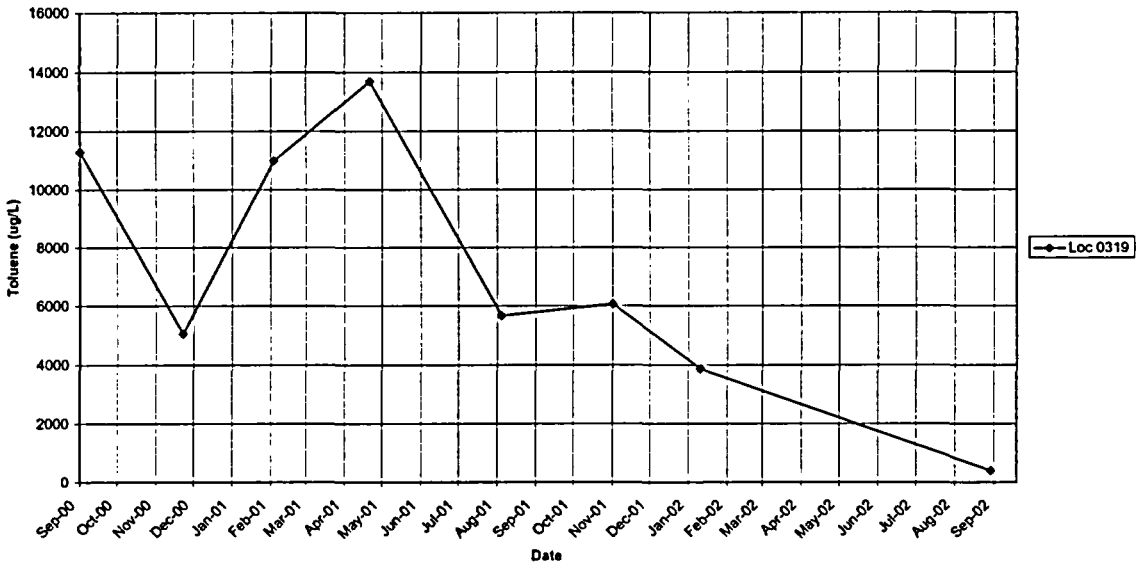

Figure 19. Toluene Concentrations Versus Time in Well 0319 at the UC Site

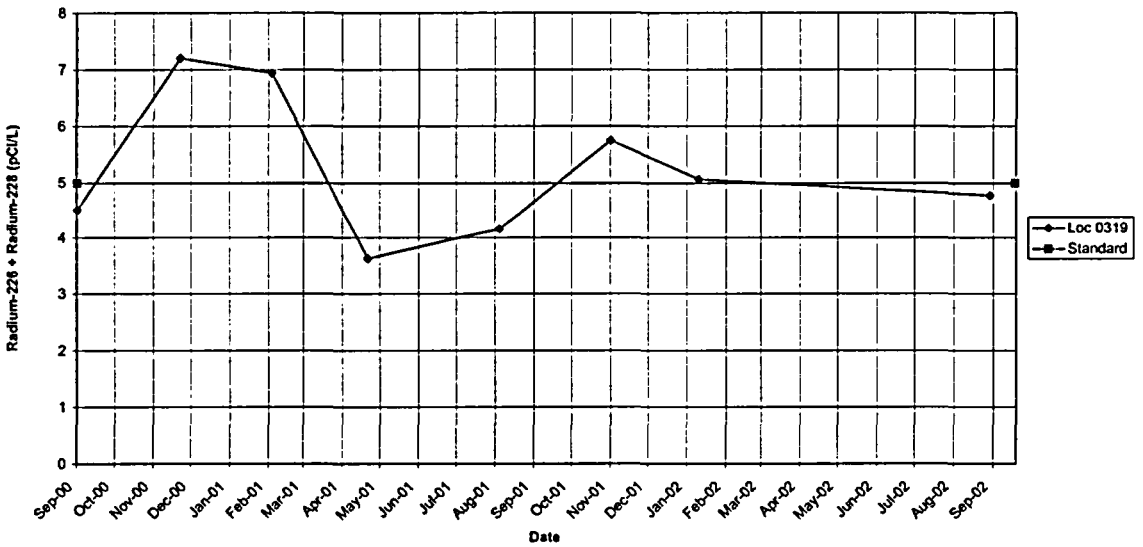

Figure 20. Radium-226 + Radium-228 Activities Versus Time in Well 0319 at the UC Site

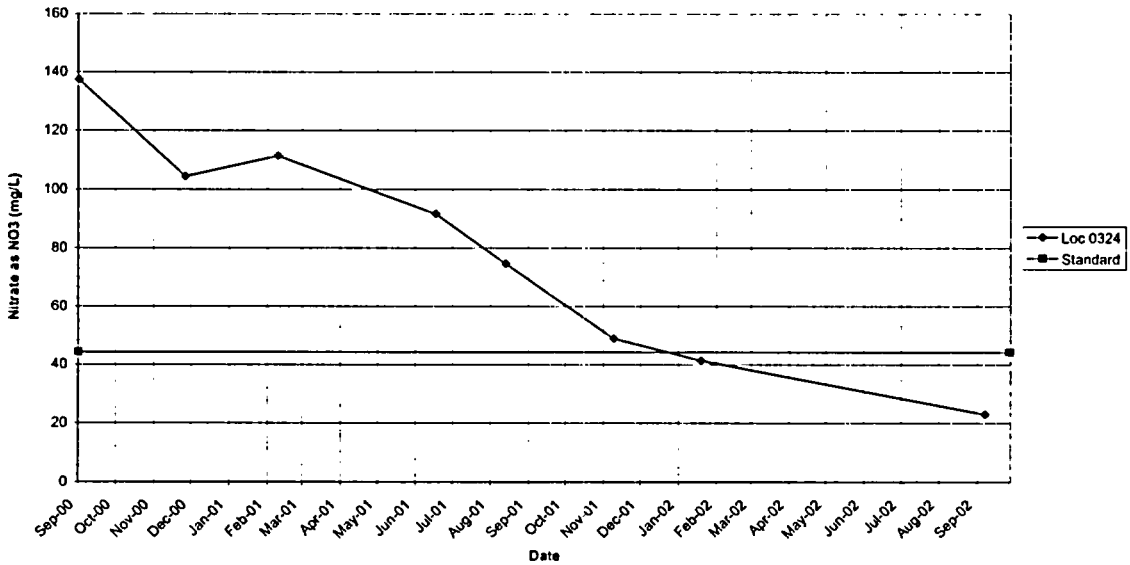

Figure 21. Nitrate Concentrations Versus Time in Well 0324 at the UC Site

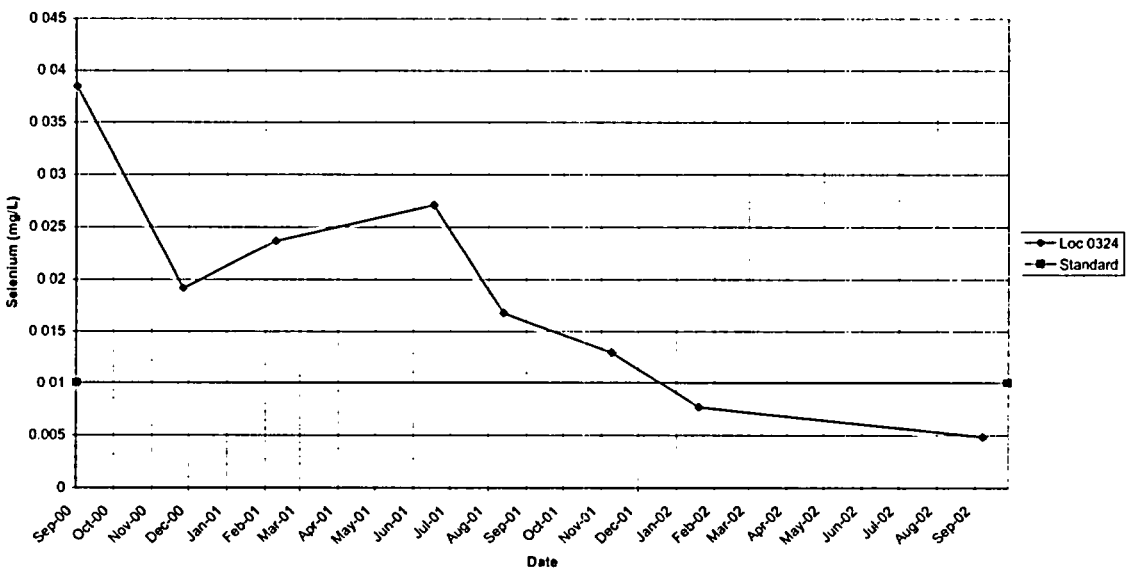

Figure 22. Selenium Concentrations Versus Time in Well 0324 at the UC Site

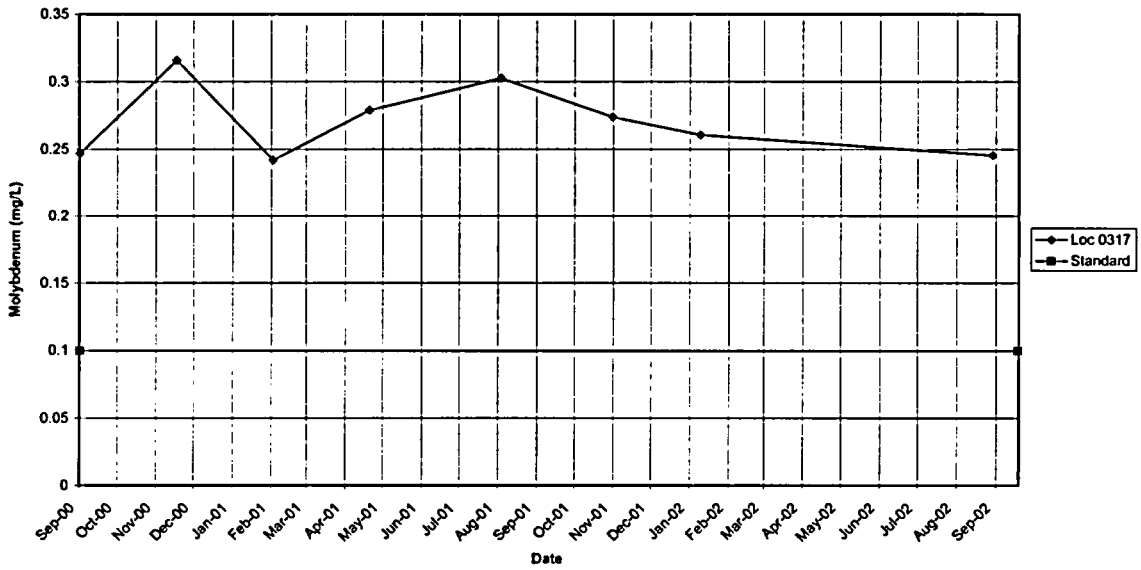

Figure 23. Molybdenum Concentrations Versus Time in Well 0317 at the UC Site

Results from surface-water sampling demonstrate essentially no impact to the Dolores River from site activities; no CDPHE water quality benchmarks have been exceeded as shown in Table 4.

Table 4. Comparison of COPC Concentrations in the Dolores River to CDPHE Benchmarks.

COPC	CDPHE Benchmark[a] (mg/L)	Dolores River Location					
		NC Site		UC Site			
		0696	0692	0693	0347	0349	0694
		Maximum Concentration[b] (mg/L)					
Manganese[c]	0.05	0.007	0.0073	0.011	0.0064	0.0407	0.0099
Nitrate	10	0.816	0.825	0.641	0.885	2.23	0.837
Selenium	0.005	0.0015	0.0016	0.0015	0.0016	0.0017	0.0014
Uranium	0.059	0.0016	0.0016	0.0015	0.0016	0.0017	0.0015

[a]CDPHE surface water benchmark (CDPHE 1998).
[b]Data collected from September 2000 through September 2002.
[c]Standard for chronic exposure.

4.0 Conclusions

4.1 Status of Site Compliance

Except for manganese and selenium, COPC concentrations at the Slick Rock sites will be compared to their respective MCL to assess compliance. Because manganese does not have an MCL, manganese concentrations will be compared to the maximum background concentration (3.5 mg/L) to assess compliance. Ground water modeling predicts that selenium concentrations will not be reduced to below the MCL within 100 years; therefore, a human health risk-based

ACL of 0.18 mg/L is proposed for selenium. While both the NC and UC sites still have concentrations of COPCs in the alluvial aquifer above the respective MCL, ACL, or background, levels are generally decreasing, which indicates natural flushing is occurring in the aquifer. In addition, concentrations of COPCs are comparable to predictions made by the ground water model.

4.2 Recommendations

Verification monitoring of ground water from designated monitor wells and surface water locations will continue on an annual basis for another 4 years (until 2006) as specified in the GCAP (DOE 2002a).

5.0 References

Colorado Public Health and Environment (CDPHE), 1998. Water Quality Commission, Regulation No. 35, *Classifications and Numeric Standards for Gunnison and Lower Dolores River Basins*, Denver, Colorado.

Mackay, D., W. Y. Shiu, and K. C. Ma, 1992. *Illustrated Handbook of Physical–Chemical Properties and Environmental Fate for Organic Chemicals*, Lewis Publishers, Chelsea, Michigan.

U. S. Department of Energy, 2002a. *Draft Ground Water Compliance Action Plan for the Slick Rock, Colorado, UMTRA Project Site.* GJO-2002-318-TAR MAC-GWSKR 1.9, Grand Junction Office, Grand Junction, Colorado.

———, 2002b. *Site Observational Work Plan for the Slick Rock, Colorado, UMTRA Project Site.* GJO-2001-257-TAR MAC-GWSKR 1.1, Grand Junction Office, Grand Junction, Colorado.

Appendix A

Ground Water Quality Data by Parameter

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE SRK01, SLICK ROCK (BOTH SITES)
REPORT DATE: 12/3/2002 2:28 pm

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Benzene	ug/L	0319	WL	09/28/2000	N001	4.55 - 14.58	14100			#	-	-
	ug/L	0319	WL	12/19/2000	N001	4.55 - 14.58	6940			#	-	-
	ug/L	0319	WL	03/02/2001	N001	4.55 - 14.58	10200			#	-	-
	ug/L	0319	WL	05/18/2001	N001	4.55 - 14.58	19800			#	-	-
	ug/L	0319	WL	08/31/2001	N001	4.55 - 14.58	6670			#	-	-
	ug/L	0319	WL	11/28/2001	N001	4.55 - 14.58	8340			#	-	-
	ug/L	0319	WL	11/28/2001	N002	4.55 - 14.58	7890			#	-	-
	ug/L	0319	WL	02/06/2002	N001	4.55 - 14.58	5860		F	#	-	-
	ug/L	0319	WL	09/25/2002	N001	4.55 - 14.58	1050		F	#	-	-
	ug/L	0320	WL	09/29/2000	N001	4.92 - 9.96	5	U		#	5	-
	ug/L	0320	WL	03/02/2001	N001	4.92 - 9.96	5	U		#	5	-
	ug/L	0320	WL	05/17/2001	N001	4.92 - 9.96	5	U	F	#	5	-
	ug/L	0320	WL	11/27/2001	N001	4.92 - 9.96	5	U	F	#	5	-
	ug/L	0320	WL	02/05/2002	N001	4.92 - 9.96	5	U	F	#	5	-
Manganese	mg/L	0303	WL	09/26/2000	0001	4.30 - 14.30	0.326			#	0.002	-
	mg/L	0303	WL	12/19/2000	0001	4.30 - 14.30	0.349			#	0.003	-
	mg/L	0303	WL	02/28/2001	0001	4.30 - 14.30	0.226			#	0.003	-
	mg/L	0303	WL	05/15/2001	0001	4.30 - 14.30	0.193		F	#	0.0001	-
	mg/L	0303	WL	08/29/2001	0001	4.30 - 14.30	0.270		F	#	0.0001	-
	mg/L	0303	WL	11/28/2001	0001	4.30 - 14.30	0.365		F	#	0.0001	-
	mg/L	0303	WL	02/04/2002	0001	4.30 - 14.30	0.318		F	#	0.0001	-
	mg/L	0305	WL	09/26/2000	0001	8.70 - 18.70	0.198			#	0.002	-
	mg/L	0305	WL	12/15/2000	0001	8.70 - 18.70	0.153			#	0.003	-
	mg/L	0305	WL	02/28/2001	0001	8.70 - 18.70	0.0787			#	0.003	-
	mg/L	0305	WL	05/14/2001	0001	8.70 - 18.70	0.0352		F	#	0.0001	-
	mg/L	0305	WL	08/29/2001	0001	8.70 - 18.70	0.0484		F	#	0.0001	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE SRK01, SLICK ROCK (BOTH SITES)
REPORT DATE: 12/3/2002 2:28 pm

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Manganese	mg/L	0305	WL	11/28/2001	0001	8.70 - 18.70	0.0109		F	#	0.0001	-
	mg/L	0305	WL	02/05/2002	0001	8.70 - 18.70	0.0058	B	F	#	0.0001	-
	mg/L	0307	WL	09/26/2000	0001	4.40 - 14.40	0.406			#	0.002	-
	mg/L	0307	WL	12/15/2000	0001	4.40 - 14.40	0.392			#	0.003	-
	mg/L	0307	WL	03/01/2001	0001	4.40 - 14.40	0.360			#	0.003	-
	mg/L	0307	WL	05/14/2001	0001	4.40 - 14.40	0.386		F	#	0.0001	-
	mg/L	0307	WL	08/29/2001	0001	4.40 - 14.40	0.340		F	#	0.0001	-
	mg/L	0307	WL	11/28/2001	0001	4.40 - 14.40	0.330		F	#	0.0001	-
	mg/L	0307	WL	02/04/2002	0001	4.40 - 14.40	0.323		F	#	0.0001	-
	mg/L	0309	WL	09/26/2000	0001	10.20 - 20.20	0.384			#	0.002	-
	mg/L	0309	WL	12/15/2000	0001	10.20 - 20.20	0.314			#	0.003	-
	mg/L	0309	WL	03/01/2001	0001	10.20 - 20.20	0.312			#	0.003	-
	mg/L	0309	WL	05/14/2001	0001	10.20 - 20.20	0.321		F	#	0.0001	-
	mg/L	0309	WL	08/29/2001	0001	10.20 - 20.20	0.447		F	#	0.0001	-
	mg/L	0309	WL	11/28/2001	0001	10.20 - 20.20	0.347		F	#	0.0001	-
	mg/L	0309	WL	02/04/2002	0001	10.20 - 20.20	0.264		F	#	0.0001	-
	mg/L	0311	WL	09/27/2000	0001	14.10 - 19.10	0.0147			#	0.002	-
	mg/L	0311	WL	12/14/2000	0001	14.10 - 19.10	0.0606			#	0.003	-
	mg/L	0311	WL	02/28/2001	0001	14.10 - 19.10	0.010			#	0.003	-
	mg/L	0311	WL	05/16/2001	0001	14.10 - 19.10	0.0177		F	#	0.0001	-
	mg/L	0311	WL	08/30/2001	0001	14.10 - 19.10	0.317		F	#	0.0001	-
	mg/L	0311	WL	11/28/2001	0001	14.10 - 19.10	0.151		F	#	0.0001	-
	mg/L	0311	WL	02/05/2002	0001	14.10 - 19.10	0.0132		F	#	0.0001	-
	mg/L	0317	WL	09/28/2000	0001	19.46 - 39.52	0.333			#	0.002	-
	mg/L	0317	WL	12/14/2000	0001	19.46 - 39.52	0.280			#	0.003	-
	mg/L	0317	WL	03/01/2001	0001	19.46 - 39.52	0.210			#	0.003	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE SRK01, SLICK ROCK (BOTH SITES)
REPORT DATE: 12/3/2002 2:28 pm

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Manganese	mg/L	0317	WL	05/17/2001	0001	19.46 - 39.52	0.224		F	#	0.0001	-
	mg/L	0317	WL	08/30/2001	0001	19.46 - 39.52	0.228		F	#	0.0001	-
	mg/L	0317	WL	11/27/2001	0001	19.46 - 39.52	0.230		F	#	0.0001	-
	mg/L	0317	WL	02/05/2002	0001	19.46 - 39.52	0.217		F	#	0.0001	-
	mg/L	0318	WL	09/19/2000	0001	4.99 - 15.02	12.800			#	0.002	-
	mg/L	0318	WL	12/13/2000	0001	4.99 - 15.02	8.300		L	#	0.003	-
	mg/L	0318	WL	02/27/2001	0001	4.99 - 15.02	9.190			#	0.003	-
	mg/L	0318	WL	05/17/2001	0001	4.99 - 15.02	9.730		F	#	0.0001	-
	mg/L	0318	WL	08/30/2001	0001	4.99 - 15.02	10.100		F	#	0.0001	-
	mg/L	0318	WL	08/30/2001	0002	4.99 - 15.02	8.740		F	#	0.0001	-
	mg/L	0318	WL	11/27/2001	0001	4.99 - 15.02	4.870		F	#	0.0001	-
	mg/L	0318	WL	02/05/2002	0001	4.99 - 15.02	6.650		F	#	0.0001	-
	mg/L	0318	WL	09/25/2002	0001	4.99 - 15.02	2.620		F	#	0.0002	-
	mg/L	0318	WL	09/25/2002	0002	4.99 - 15.02	2.770		F	#	0.0002	-
	mg/L	0319	WL	09/28/2000	0001	4.55 - 14.58	0.293			#	0.002	-
	mg/L	0319	WL	12/19/2000	0001	4.55 - 14.58	0.427			#	0.003	-
	mg/L	0319	WL	03/02/2001	0001	4.55 - 14.58	0.321			#	0.003	-
	mg/L	0319	WL	05/18/2001	0001	4.55 - 14.58	0.259			#	0.0001	-
	mg/L	0319	WL	08/31/2001	0001	4.55 - 14.58	0.353			#	0.0001	-
	mg/L	0319	WL	11/28/2001	0001	4.55 - 14.58	0.274			#	0.0001	-
	mg/L	0319	WL	11/28/2001	0002	4.55 - 14.58	0.274			#	0.0001	-
	mg/L	0319	WL	02/06/2002	0001	4.55 - 14.58	0.303		F	#	0.0001	-
	mg/L	0320	WL	09/20/2000	0001	4.92 - 9.96	0.581			#	0.002	-
	mg/L	0320	WL	12/14/2000	0001	4.92 - 9.96	0.599			#	0.003	-
	mg/L	0320	WL	12/14/2000	0002	4.92 - 9.96	0.587			#	0.003	-
	mg/L	0320	WL	03/02/2001	0001	4.92 - 9.96	0.519			#	0.003	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE SRK01, SLICK ROCK (BOTH SITES)
REPORT DATE: 12/3/2002 2:28 pm

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Manganese	mg/L	0320	WL	05/17/2001	0001	4.92 - 9.96	0.571		F	#	0.0001	-
	mg/L	0320	WL	08/30/2001	0001	4.92 - 9.96	0.567		F	#	0.0001	-
	mg/L	0320	WL	11/27/2001	0001	4.92 - 9.96	0.588		F	#	0.0001	-
	mg/L	0320	WL	02/05/2002	0001	4.92 - 9.96	0.554		F	#	0.0001	-
	mg/L	0320	WL	09/25/2002	0001	4.92 - 9.96	0.537		F	#	0.0002	-
	mg/L	0508	WL	09/20/2000	0001	8.00 - 19.00	6.570			#	0.002	-
	mg/L	0508	WL	12/14/2000	0001	8.00 - 19.00	6.630			#	0.003	-
	mg/L	0508	WL	02/27/2001	0001	1.01 - 11.01	6.270			#	0.003	-
	mg/L	0508	WL	05/17/2001	0001	1.01 - 11.01	6.290		F	#	0.0001	-
	mg/L	0508	WL	08/30/2001	0001	1.01 - 11.01	6.380		F	#	0.0001	-
	mg/L	0508	WL	11/27/2001	0001	1.01 - 11.01	5.770		F	#	0.0001	-
	mg/L	0508	WL	02/05/2002	0001	1.01 - 11.01	5.860		F	#	0.0001	-
	mg/L	0508	WL	09/25/2002	0001	1.01 - 11.01	6.260		F	#	0.0002	-
	mg/L	0510	WL	09/20/2000	0001	15.00 - 24.00	6.860			#	0.002	-
	mg/L	0510	WL	12/14/2000	0001	15.00 - 24.00	6.590		L	#	0.003	-
	mg/L	0510	WL	02/27/2001	0001	4.92 - 13.92	6.210			#	0.003	-
	mg/L	0510	WL	02/27/2001	0002	4.92 - 13.92	6.220			#	0.003	-
	mg/L	0510	WL	05/17/2001	0001	4.92 - 13.92	6.730		F	#	0.0001	-
	mg/L	0510	WL	05/17/2001	0002	4.92 - 13.92	6.690		F	#	0.0001	-
	mg/L	0510	WL	08/30/2001	0001	4.92 - 13.92	6.990		F	#	0.0001	-
	mg/L	0510	WL	11/27/2001	0001	4.92 - 13.92	6.520		F	#	0.0001	-
	mg/L	0510	WL	02/05/2002	0001	4.92 - 13.92	6.300		F	#	0.0001	-
	mg/L	0510	WL	02/05/2002	0002	4.92 - 13.92	6.270		F	#	0.0001	-
	mg/L	0510	WL	09/25/2002	0001	4.92 - 13.92	6.820		F	#	0.0002	-
Molybdenum	mg/L	0303	WL	09/26/2000	0001	4.30 - 14.30	0.0112			#	0.0004	-
	mg/L	0303	WL	12/19/2000	0001	4.30 - 14.30	0.010			#	0.0008	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE SRK01, SLICK ROCK (BOTH SITES)
REPORT DATE: 12/3/2002 2:28 pm

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Molybdenum	mg/L	0303	WL	02/28/2001	0001	4.30 - 14.30	0.0095	B		#	0.0008	-
	mg/L	0303	WL	05/15/2001	0001	4.30 - 14.30	0.0096	B	F	#	0.0004	-
	mg/L	0303	WL	08/29/2001	0001	4.30 - 14.30	0.0119		F	#	0.003	-
	mg/L	0303	WL	11/28/2001	0001	4.30 - 14.30	0.011		F	#	0.0019	-
	mg/L	0303	WL	02/04/2002	0001	4.30 - 14.30	0.0086	B	F	#	0.0015	-
	mg/L	0305	WL	09/26/2000	0001	8.70 - 18.70	0.0138			#	0.0004	-
	mg/L	0305	WL	12/15/2000	0001	8.70 - 18.70	0.0126			#	0.0008	-
	mg/L	0305	WL	02/28/2001	0001	8.70 - 18.70	0.0105			#	0.0008	-
	mg/L	0305	WL	05/14/2001	0001	8.70 - 18.70	0.011		F	#	0.0004	-
	mg/L	0305	WL	08/29/2001	0001	8.70 - 18.70	0.0128		F	#	0.003	-
	mg/L	0305	WL	11/28/2001	0001	8.70 - 18.70	0.0132		F	#	0.0019	-
	mg/L	0305	WL	02/05/2002	0001	8.70 - 18.70	0.0127		F	#	0.0015	-
	mg/L	0307	WL	09/26/2000	0001	4.40 - 14.40	0.0084	B		#	0.0004	-
	mg/L	0307	WL	12/15/2000	0001	4.40 - 14.40	0.0077	B		#	0.0008	-
	mg/L	0307	WL	03/01/2001	0001	4.40 - 14.40	0.0075	B		#	0.0008	-
	mg/L	0307	WL	05/14/2001	0001	4.40 - 14.40	0.0078	B	F	#	0.0004	-
	mg/L	0307	WL	08/29/2001	0001	4.40 - 14.40	0.0053	B	F	#	0.003	-
	mg/L	0307	WL	11/28/2001	0001	4.40 - 14.40	0.0046	B	F	#	0.0019	-
	mg/L	0307	WL	02/04/2002	0001	4.40 - 14.40	0.0029	B	F	#	0.0015	-
	mg/L	0309	WL	09/26/2000	0001	10.20 - 20.20	0.0546			#	0.0004	-
	mg/L	0309	WL	12/15/2000	0001	10.20 - 20.20	0.0519			#	0.0008	-
	mg/L	0309	WL	03/01/2001	0001	10.20 - 20.20	0.0433			#	0.0008	-
	mg/L	0309	WL	05/14/2001	0001	10.20 - 20.20	0.0316		F	#	0.0004	-
	mg/L	0309	WL	08/29/2001	0001	10.20 - 20.20	0.009	B	F	#	0.003	-
	mg/L	0309	WL	11/28/2001	0001	10.20 - 20.20	0.0112		F	#	0.0019	-
	mg/L	0309	WL	02/04/2002	0001	10.20 - 20.20	0.0265		F	#	0.0015	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE SRK01, SLICK ROCK (BOTH SITES)
REPORT DATE: 12/3/2002 2:28 pm

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Molybdenum	mg/L	0311	WL	09/27/2000	0001	14.10 - 19.10	0.0145			#	0.0004	-
	mg/L	0311	WL	12/14/2000	0001	14.10 - 19.10	0.0185			#	0.0008	-
	mg/L	0311	WL	02/28/2001	0001	14.10 - 19.10	0.0118			#	0.0008	-
	mg/L	0311	WL	05/16/2001	0001	14.10 - 19.10	0.0094	B	F	#	0.0004	-
	mg/L	0311	WL	08/30/2001	0001	14.10 - 19.10	0.0161		F	#	0.003	-
	mg/L	0311	WL	11/28/2001	0001	14.10 - 19.10	0.0115		F	#	0.0019	-
	mg/L	0311	WL	02/05/2002	0001	14.10 - 19.10	0.0076	B	F	#	0.0015	-
	mg/L	0317	WL	09/28/2000	0001	19.46 - 39.52	0.247			#	0.0004	-
	mg/L	0317	WL	12/14/2000	0001	19.46 - 39.52	0.316			#	0.0008	-
	mg/L	0317	WL	03/01/2001	0001	19.46 - 39.52	0.242			#	0.0008	-
	mg/L	0317	WL	05/17/2001	0001	19.46 - 39.52	0.279		F	#	0.0004	-
	mg/L	0317	WL	08/30/2001	0001	19.46 - 39.52	0.303		F	#	0.003	-
	mg/L	0317	WL	11/27/2001	0001	19.46 - 39.52	0.274		F	#	0.0019	-
	mg/L	0317	WL	02/05/2002	0001	19.46 - 39.52	0.261		F	#	0.0015	-
	mg/L	0317	WL	09/25/2002	0001	19.46 - 39.52	0.246		F	#	0.003	-
	mg/L	0318	WL	09/19/2000	0001	4.99 - 15.02	1.830			#	0.002	-
	mg/L	0318	WL	12/13/2000	0001	4.99 - 15.02	1.230		L	#	0.02	-
	mg/L	0318	WL	02/27/2001	0001	4.99 - 15.02	1.290			#	0.02	-
	mg/L	0318	WL	05/17/2001	0001	4.99 - 15.02	1.320		F	#	0.002	-
	mg/L	0318	WL	08/30/2001	0001	4.99 - 15.02	1.680		F	#	0.003	-
	mg/L	0318	WL	08/30/2001	0002	4.99 - 15.02	1.530		F	#	0.003	-
	mg/L	0318	WL	11/27/2001	0001	4.99 - 15.02	0.946		F	#	0.0019	-
	mg/L	0318	WL	02/05/2002	0001	4.99 - 15.02	0.975		F	#	0.0015	-
	mg/L	0318	WL	09/25/2002	0001	4.99 - 15.02	0.524		F	#	0.003	-
	mg/L	0318	WL	09/25/2002	0002	4.99 - 15.02	0.534		F	#	0.003	-
	mg/L	0319	WL	09/28/2000	0001	4.55 - 14.58	0.0448			#	0.0004	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE SRK01, SLICK ROCK (BOTH SITES)
REPORT DATE: 12/3/2002 2:28 pm

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Molybdenum	mg/L	0319	WL	12/19/2000	0001	4.55 - 14.58	0.0277			#	0.0008	-
	mg/L	0319	WL	03/02/2001	0001	4.55 - 14.58	0.0388			#	0.0008	-
	mg/L	0319	WL	05/18/2001	0001	4.55 - 14.58	0.0276			#	0.0004	-
	mg/L	0319	WL	08/31/2001	0001	4.55 - 14.58	0.062			#	0.003	-
	mg/L	0319	WL	11/28/2001	0001	4.55 - 14.58	0.027			#	0.0019	-
	mg/L	0319	WL	11/28/2001	0002	4.55 - 14.58	0.0289			#	0.0019	-
	mg/L	0319	WL	02/06/2002	0001	4.55 - 14.58	0.0142		F	#	0.0015	-
	mg/L	0320	WL	09/20/2000	0001	4.92 - 9.96	0.0062	B		#	0.0004	-
	mg/L	0320	WL	12/14/2000	0001	4.92 - 9.96	0.0073	B		#	0.0008	-
	mg/L	0320	WL	12/14/2000	0002	4.92 - 9.96	0.006	B		#	0.0008	-
	mg/L	0320	WL	03/02/2001	0001	4.92 - 9.96	0.0055	B		#	0.0008	-
	mg/L	0320	WL	05/17/2001	0001	4.92 - 9.96	0.0117		F	#	0.0004	-
	mg/L	0320	WL	08/30/2001	0001	4.92 - 9.96	0.0069	B	F	#	0.003	-
	mg/L	0320	WL	11/27/2001	0001	4.92 - 9.96	0.0043	B	F	#	0.0019	-
	mg/L	0320	WL	02/05/2002	0001	4.92 - 9.96	0.0037	B	F	#	0.0015	-
	mg/L	0320	WL	09/25/2002	0001	4.92 - 9.96	0.0057	B	F	#	0.003	-
	mg/L	0508	WL	09/20/2000	0001	8.00 - 19.00	1.380			#	0.002	-
	mg/L	0508	WL	12/14/2000	0001	8.00 - 19.00	1.230			#	0.02	-
	mg/L	0508	WL	02/27/2001	0001	1.01 - 11.01	1.260			#	0.02	-
	mg/L	0508	WL	05/17/2001	0001	1.01 - 11.01	1.270		F	#	0.002	-
	mg/L	0508	WL	08/30/2001	0001	1.01 - 11.01	1.380		F	#	0.003	-
	mg/L	0508	WL	11/27/2001	0001	1.01 - 11.01	1.190		F	#	0.0019	-
	mg/L	0508	WL	02/05/2002	0001	1.01 - 11.01	1.010		F	#	0.0015	-
	mg/L	0508	WL	09/25/2002	0001	1.01 - 11.01	1.110		F	#	0.003	-
	mg/L	0510	WL	09/20/2000	0001	15.00 - 24.00	0.984			#	0.002	-
	mg/L	0510	WL	12/14/2000	0001	15.00 - 24.00	0.964		L	#	0.0008	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE SRK01, SLICK ROCK (BOTH SITES)
REPORT DATE: 12/3/2002 2:28 pm

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Molybdenum	mg/L	0510	WL	02/27/2001	0001	4.92 - 13.92	0.948			#	0.02	-
	mg/L	0510	WL	02/27/2001	0002	4.92 - 13.92	0.934			#	0.0008	-
	mg/L	0510	WL	05/17/2001	0001	4.92 - 13.92	0.991		F	#	0.0004	-
	mg/L	0510	WL	05/17/2001	0002	4.92 - 13.92	1.050		F	#	0.002	-
	mg/L	0510	WL	08/30/2001	0001	4.92 - 13.92	1.030		F	#	0.003	-
	mg/L	0510	WL	11/27/2001	0001	4.92 - 13.92	0.869		F	#	0.0019	-
	mg/L	0510	WL	02/05/2002	0001	4.92 - 13.92	0.819		F	#	0.0015	-
	mg/L	0510	WL	02/05/2002	0002	4.92 - 13.92	0.818		F	#	0.0015	-
	mg/L	0510	WL	09/25/2002	0001	4.92 - 13.92	0.827		F	#	0.003	-
Nitrate as NO3	mg/L	0303	WL	09/26/2000	0001	4.30 - 14.30	0.228	B		#	0.0314	-
	mg/L	0303	WL	12/19/2000	0001	4.30 - 14.30	0.593	B		#	0.0314	-
	mg/L	0303	WL	02/28/2001	0001	4.30 - 14.30	0.869	B		#	0.0314	-
	mg/L	0303	WL	05/15/2001	0001	4.30 - 14.30	0.528	B	F	#	0.0171	-
	mg/L	0303	WL	08/29/2001	0001	4.30 - 14.30	0.925	B	F	#	0.0305	-
	mg/L	0303	WL	11/28/2001	0001	4.30 - 14.30	0.0897	B	F	#	0.0305	-
	mg/L	0305	WL	09/26/2000	0001	8.70 - 18.70	0.760	B		#	0.0314	-
	mg/L	0305	WL	12/15/2000	0001	8.70 - 18.70	0.639	B		#	0.0314	-
	mg/L	0305	WL	02/28/2001	0001	8.70 - 18.70	1.090			#	0.0314	-
	mg/L	0305	WL	05/14/2001	0001	8.70 - 18.70	0.464	B	F	#	0.0171	-
	mg/L	0305	WL	08/29/2001	0001	8.70 - 18.70	1.360		F	#	0.0305	-
	mg/L	0305	WL	11/28/2001	0001	8.70 - 18.70	0.442	B	F	#	0.0305	-
	mg/L	0307	WL	09/26/2000	0001	4.40 - 14.40	0.0671	B		#	0.0314	-
	mg/L	0307	WL	12/15/2000	0001	4.40 - 14.40	0.0314	U		#	0.0314	-
	mg/L	0307	WL	03/01/2001	0001	4.40 - 14.40	0.375	B		#	0.0314	-
	mg/L	0307	WL	05/14/2001	0001	4.40 - 14.40	0.0516	B	F	#	0.0171	-
	mg/L	0307	WL	08/29/2001	0001	4.40 - 14.40	0.770	B	F	#	0.0305	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE SRK01, SLICK ROCK (BOTH SITES)
REPORT DATE: 12/3/2002 2:28 pm

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Nitrate as NO3	mg/L	0307	WL	11/28/2001	0001	4.40 - 14.40	0.0305	U	F	#	0.0305	-
	mg/L	0309	WL	09/26/2000	0001	10.20 - 20.20	0.144	B		#	0.0314	-
	mg/L	0309	WL	12/15/2000	0001	10.20 - 20.20	0.0314	U		#	0.0314	-
	mg/L	0309	WL	03/01/2001	0001	10.20 - 20.20	0.566	B		#	0.0314	-
	mg/L	0309	WL	05/14/2001	0001	10.20 - 20.20	0.0495	B	F	#	0.0171	-
	mg/L	0309	WL	08/29/2001	0001	10.20 - 20.20	0.830	B	F	#	0.0305	-
	mg/L	0309	WL	11/28/2001	0001	10.20 - 20.20	0.0305	U	F	#	0.0305	-
	mg/L	0311	WL	09/27/2000	0001	14.10 - 19.10	0.246	B		#	0.0314	-
	mg/L	0311	WL	12/14/2000	0001	14.10 - 19.10	0.099	B		#	0.0314	-
	mg/L	0311	WL	02/28/2001	0001	14.10 - 19.10	0.623	B		#	0.0314	-
	mg/L	0311	WL	05/16/2001	0001	14.10 - 19.10	0.165	B	F	#	0.0171	-
	mg/L	0311	WL	08/30/2001	0001	14.10 - 19.10	0.995	B	F	#	0.0305	-
	mg/L	0311	WL	11/28/2001	0001	14.10 - 19.10	0.187	B	F	#	0.0305	-
	mg/L	0317	WL	09/28/2000	0001	19.46 - 39.52	7.440			#	0.0314	-
	mg/L	0317	WL	12/14/2000	0001	19.46 - 39.52	5.260			#	0.0314	-
	mg/L	0317	WL	03/01/2001	0001	19.46 - 39.52	18.900			#	0.0314	-
	mg/L	0317	WL	05/17/2001	0001	19.46 - 39.52	6.350		F	#	0.0171	-
	mg/L	0317	WL	08/30/2001	0001	19.46 - 39.52	6.880		F	#	0.0305	-
	mg/L	0317	WL	11/27/2001	0001	19.46 - 39.52	2.580		F	#	0.0305	-
	mg/L	0317	WL	02/05/2002	0001	19.46 - 39.52	5.520		F	#	0.0305	-
	mg/L	0318	WL	09/19/2000	0001	4.99 - 15.02	3510.000			#	1.57	-
	mg/L	0318	WL	12/13/2000	0001	4.99 - 15.02	1080.000		L	#	12.56	-
	mg/L	0318	WL	02/27/2001	0001	4.99 - 15.02	2650.000			#	78.5	-
	mg/L	0318	WL	05/17/2001	0001	4.99 - 15.02	4090.000		F	#	0.855	-
	mg/L	0318	WL	08/30/2001	0001	4.99 - 15.02	2920.000		F	#	1.525	-
	mg/L	0318	WL	08/30/2001	0002	4.99 - 15.02	2410.000		F	#	1.525	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE SRK01, SLICK ROCK (BOTH SITES)
REPORT DATE: 12/3/2002 2:28 pm

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Nitrate as NO3	mg/L	0318	WL	11/27/2001	0001	4.99 - 15.02	1280.000		F	#	0.61	-
	mg/L	0318	WL	02/05/2002	0001	4.99 - 15.02	1930.000		F	#	0.61	-
	mg/L	0318	WL	09/25/2002	0001	4.99 - 15.02	506.000		F	#	0.2	-
	mg/L	0318	WL	09/25/2002	0002	4.99 - 15.02	510.000		F	#	0.2	-
	mg/L	0319	WL	09/28/2000	0001	4.55 - 14.58	0.0958	B		#	0.0628	-
	mg/L	0319	WL	12/19/2000	0001	4.55 - 14.58	0.0314	U		#	0.0314	-
	mg/L	0319	WL	03/02/2001	0001	4.55 - 14.58	0.438	B		#	0.0314	-
	mg/L	0319	WL	05/18/2001	0001	4.55 - 14.58	0.0811	B		#	0.0171	-
	mg/L	0319	WL	08/31/2001	0001	4.55 - 14.58	0.277	B		#	0.0305	-
	mg/L	0319	WL	11/28/2001	0001	4.55 - 14.58	0.0305	U		#	0.0305	-
	mg/L	0319	WL	11/28/2001	0002	4.55 - 14.58	0.0305	U		#	0.0305	-
	mg/L	0319	WL	02/06/2002	0001	4.55 - 14.58	0.448	B	F	#	0.0305	-
	mg/L	0320	WL	09/20/2000	0001	4.92 - 9.96	0.0648	B		#	0.0314	-
	mg/L	0320	WL	12/14/2000	0001	4.92 - 9.96	0.458	B		#	0.0314	-
	mg/L	0320	WL	12/14/2000	0002	4.92 - 9.96	0.284	B		#	0.0314	-
	mg/L	0320	WL	03/02/2001	0001	4.92 - 9.96	0.614	B		#	0.0314	-
	mg/L	0320	WL	05/17/2001	0001	4.92 - 9.96	0.108	B	F	#	0.0171	-
	mg/L	0320	WL	08/30/2001	0001	4.92 - 9.96	0.142	B	F	#	0.0305	-
	mg/L	0320	WL	11/27/2001	0001	4.92 - 9.96	0.137	B	F	#	0.0305	-
	mg/L	0320	WL	02/05/2002	0001	4.92 - 9.96	0.241	B	F	#	0.0305	-
	mg/L	0320	WL	09/25/2002	0001	4.92 - 9.96	0.367	B	F	#	0.02	-
	mg/L	0508	WL	09/20/2000	0001	8.00 - 19.00	1790.000			#	0.785	-
	mg/L	0508	WL	12/14/2000	0001	8.00 - 19.00	1780.000			#	12.56	-
	mg/L	0508	WL	02/27/2001	0001	1.01 - 11.01	1790.000			#	12.56	-
	mg/L	0508	WL	05/17/2001	0001	1.01 - 11.01	1640.000		F	#	0.342	-
	mg/L	0508	WL	08/30/2001	0001	1.01 - 11.01	1520.000		F	#	0.61	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE SRK01, SLICK ROCK (BOTH SITES)
REPORT DATE: 12/3/2002 2:28 pm

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Nitrate as NO3	mg/L	0508	WL	11/27/2001	0001	1.01 - 11.01	1350.000		F	#	0.61	-
	mg/L	0508	WL	02/05/2002	0001	1.01 - 11.01	1370.000		F	#	0.61	-
	mg/L	0508	WL	09/25/2002	0001	1.01 - 11.01	1310.000		F	#	0.4	-
	mg/L	0510	WL	09/20/2000	0001	15.00 - 24.00	1690.000			#	0.628	-
	mg/L	0510	WL	12/14/2000	0001	15.00 - 24.00	1960.000		L	#	12.56	-
	mg/L	0510	WL	02/27/2001	0001	4.92 - 13.92	1570.000			#	12.56	-
	mg/L	0510	WL	02/27/2001	0002	4.92 - 13.92	1580.000			#	12.56	-
	mg/L	0510	WL	05/17/2001	0001	4.92 - 13.92	1440.000		F	#	0.342	-
	mg/L	0510	WL	05/17/2001	0002	4.92 - 13.92	1450.000		F	#	0.342	-
	mg/L	0510	WL	08/30/2001	0001	4.92 - 13.92	1570.000		F	#	0.61	-
	mg/L	0510	WL	11/27/2001	0001	4.92 - 13.92	1410.000		F	#	0.61	-
	mg/L	0510	WL	02/05/2002	0001	4.92 - 13.92	1440.000		F	#	0.61	-
	mg/L	0510	WL	02/05/2002	0002	4.92 - 13.92	1420.000		F	#	0.61	-
	mg/L	0510	WL	09/25/2002	0001	4.92 - 13.92	1370.000		F	#	0.4	-
Radium-226	pCi/L	0303	WL	09/26/2000	0001	4.30 - 14.30	0.16	U		#	0.16	± 0.10
	pCi/L	0303	WL	12/19/2000	0001	4.30 - 14.30	0.13	U		#	0.13	± 0.08
	pCi/L	0303	WL	02/28/2001	0001	4.30 - 14.30	0.14			#	0.12	± 0.08
	pCi/L	0303	WL	05/15/2001	0001	4.30 - 14.30	0.16		F	#	0.12	± 0.08
	pCi/L	0305	WL	09/26/2000	0001	8.70 - 18.70	0.16	U		#	0.16	± 0.09
	pCi/L	0305	WL	12/15/2000	0001	8.70 - 18.70	0.12	U		#	0.12	± 0.07
	pCi/L	0305	WL	02/28/2001	0001	8.70 - 18.70	0.14	U		#	0.14	± 0.08
	pCi/L	0305	WL	05/14/2001	0001	8.70 - 18.70	0.14		F	#	0.11	± 0.07
	pCi/L	0307	WL	09/26/2000	0001	4.40 - 14.40	0.19			#	0.17	± 0.11
	pCi/L	0307	WL	12/15/2000	0001	4.40 - 14.40	0.15	U		#	0.15	± 0.09
	pCi/L	0307	WL	03/01/2001	0001	4.40 - 14.40	0.27			#	0.13	± 0.09
	pCi/L	0307	WL	05/14/2001	0001	4.40 - 14.40	0.19		F	#	0.11	± 0.08

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE SRK01, SLICK ROCK (BOTH SITES)
REPORT DATE: 12/3/2002 2:28 pm

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Radium-226	pCi/L	0309	WL	09/26/2000	0001	10.20 - 20.20	0.16			#	0.14	± 0.09
	pCi/L	0309	WL	12/15/2000	0001	10.20 - 20.20	0.13	U		#	0.13	± 0.08
	pCi/L	0309	WL	03/01/2001	0001	10.20 - 20.20	0.14	U		#	0.14	± 0.08
	pCi/L	0309	WL	05/14/2001	0001	10.20 - 20.20	0.18		F	#	0.11	± 0.08
	pCi/L	0311	WL	09/27/2000	0001	14.10 - 19.10	0.15	U		#	0.15	± 0.08
	pCi/L	0311	WL	12/14/2000	0001	14.10 - 19.10	0.14	U		#	0.14	± 0.07
	pCi/L	0311	WL	02/28/2001	0001	14.10 - 19.10	0.15	U		#	0.15	± 0.09
	pCi/L	0311	WL	05/16/2001	0001	14.10 - 19.10	0.13	U	F	#	0.13	± 0.07
	pCi/L	0317	WL	09/28/2000	0001	19.46 - 39.52	0.17	U		#	0.17	± 0.10
	pCi/L	0317	WL	12/14/2000	0001	19.46 - 39.52	0.19	U		#	0.19	± 0.11
	pCi/L	0317	WL	03/01/2001	0001	19.46 - 39.52	0.31			#	0.14	± 0.10
	pCi/L	0317	WL	05/17/2001	0001	19.46 - 39.52	0.27		F	#	0.17	± 0.12
	pCi/L	0318	WL	09/19/2000	0001	4.99 - 15.02	0.14	U		#	0.14	± 0.09
	pCi/L	0318	WL	12/13/2000	0001	4.99 - 15.02	0.16	U	L	#	0.16	± 0.09
	pCi/L	0318	WL	02/27/2001	0001	4.99 - 15.02	0.14	U		#	0.14	± 0.09
	pCi/L	0318	WL	05/17/2001	0001	4.99 - 15.02	0.13	U	F	#	0.13	± 0.08
	pCi/L	0319	WL	09/28/2000	0001	4.55 - 14.58	1.91			#	0.21	± 0.24
	pCi/L	0319	WL	12/19/2000	0001	4.55 - 14.58	3.22			#	0.19	± 0.29
	pCi/L	0319	WL	03/02/2001	0001	4.55 - 14.58	2.91			#	0.13	± 0.24
	pCi/L	0319	WL	05/18/2001	0001	4.55 - 14.58	1.94			#	0.15	± 0.22
	pCi/L	0319	WL	08/31/2001	0001	4.55 - 14.58	1.68			#	0.13	± 0.19
	pCi/L	0319	WL	11/28/2001	0001	4.55 - 14.58	1.99			#	0.25	± 0.24
	pCi/L	0319	WL	11/28/2001	0002	4.55 - 14.58	2.01			#	0.24	± 0.24
	pCi/L	0319	WL	02/06/2002	0001	4.55 - 14.58	2.46		F	#	0.17	± 0.23
	pCi/L	0319	WL	09/25/2002	0001	4.55 - 14.58	1.89		F	#	0.12	± 0.18
	pCi/L	0320	WL	09/20/2000	0001	4.92 - 9.96	0.15			#	0.14	± 0.09

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE SRK01, SLICK ROCK (BOTH SITES)
REPORT DATE: 12/3/2002 2:28 pm

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Radium-226	pCi/L	0320	WL	12/14/2000	0001	4.92 - 9.96	0.24			#	0.15	± 0.10
	pCi/L	0320	WL	12/14/2000	0002	4.92 - 9.96	0.15	U		#	0.15	± 0.09
	pCi/L	0320	WL	03/02/2001	0001	4.92 - 9.96	0.2			#	0.13	± 0.09
	pCi/L	0320	WL	05/17/2001	0001	4.92 - 9.96	0.13	U	F	#	0.13	± 0.08
	pCi/L	0508	WL	09/20/2000	0001	8.00 - 19.00	0.51			#	0.14	± 0.12
	pCi/L	0508	WL	12/14/2000	0001	8.00 - 19.00	0.36			#	0.16	± 0.12
	pCi/L	0508	WL	02/27/2001	0001	1.01 - 11.01	0.51			#	0.14	± 0.12
	pCi/L	0508	WL	05/17/2001	0001	1.01 - 11.01	0.75		F	#	0.14	± 0.14
	pCi/L	0510	WL	09/20/2000	0001	15.00 - 24.00	1.15			#	0.18	± 0.19
	pCi/L	0510	WL	12/14/2000	0001	15.00 - 24.00	1.48		L	#	0.16	± 0.21
	pCi/L	0510	WL	02/27/2001	0001	4.92 - 13.92	0.56			#	0.13	± 0.12
	pCi/L	0510	WL	02/27/2001	0002	4.92 - 13.92	0.59			#	0.12	± 0.11
	pCi/L	0510	WL	05/17/2001	0001	4.92 - 13.92	0.58		F	#	0.14	± 0.13
	pCi/L	0510	WL	05/17/2001	0002	4.92 - 13.92	0.73		F	#	0.14	± 0.14
Radium-228	pCi/L	0303	WL	09/26/2000	0001	4.30 - 14.30	0.76	U		#	0.76	± 0.46
	pCi/L	0303	WL	12/19/2000	0001	4.30 - 14.30	0.63	U		#	0.63	± 0.38
	pCi/L	0303	WL	02/28/2001	0001	4.30 - 14.30	0.94	U		#	0.94	± 0.55
	pCi/L	0303	WL	05/15/2001	0001	4.30 - 14.30	0.80	U	F	#	0.8	± 0.47
	pCi/L	0305	WL	09/26/2000	0001	8.70 - 18.70	0.72	U		#	0.72	± 0.43
	pCi/L	0305	WL	12/15/2000	0001	8.70 - 18.70	0.62	U		#	0.62	± 0.37
	pCi/L	0305	WL	02/28/2001	0001	8.70 - 18.70	1.03	U		#	1.03	± 0.61
	pCi/L	0305	WL	05/14/2001	0001	8.70 - 18.70	0.85	U	F	#	0.85	± 0.50
	pCi/L	0307	WL	09/26/2000	0001	4.40 - 14.40	1.11			#	0.72	± 0.45
	pCi/L	0307	WL	12/15/2000	0001	4.40 - 14.40	1.27			#	0.61	± 0.39
	pCi/L	0307	WL	03/01/2001	0001	4.40 - 14.40	0.96	U		#	0.96	± 0.57
	pCi/L	0307	WL	05/14/2001	0001	4.40 - 14.40	0.78	U	F	#	0.78	± 0.47

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE SRK01, SLICK ROCK (BOTH SITES)
REPORT DATE: 12/3/2002 2:28 pm

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Radium-228	pCi/L	0309	WL	09/26/2000	0001	10.20 - 20.20	0.72	U		#	0.72	± 0.43
	pCi/L	0309	WL	12/15/2000	0001	10.20 - 20.20	0.63	U		#	0.63	± 0.37
	pCi/L	0309	WL	03/01/2001	0001	10.20 - 20.20	1.02	U		#	1.02	± 0.61
	pCi/L	0309	WL	05/14/2001	0001	10.20 - 20.20	0.82	U	F	#	0.82	± 0.49
	pCi/L	0311	WL	09/27/2000	0001	14.10 - 19.10	0.78	U		#	0.78	± 0.45
	pCi/L	0311	WL	12/14/2000	0001	14.10 - 19.10	0.76	U		#	0.76	± 0.43
	pCi/L	0311	WL	02/28/2001	0001	14.10 - 19.10	1.07	U		#	1.07	± 0.63
	pCi/L	0311	WL	05/16/2001	0001	14.10 - 19.10	0.92	U	F	#	0.92	± 0.53
	pCi/L	0317	WL	09/28/2000	0001	19.46 - 39.52	1.42			#	0.7	± 0.44
	pCi/L	0317	WL	12/14/2000	0001	19.46 - 39.52	2.1			#	0.74	± 0.48
	pCi/L	0317	WL	03/01/2001	0001	19.46 - 39.52	1.22			#	1.03	± 0.62
	pCi/L	0317	WL	05/17/2001	0001	19.46 - 39.52	2.14		F	#	0.92	± 0.58
	pCi/L	0318	WL	09/19/2000	0001	4.99 - 15.02	0.72	U		#	0.72	± 0.42
	pCi/L	0318	WL	12/13/2000	0001	4.99 - 15.02	0.76	U	L	#	0.76	± 0.46
	pCi/L	0318	WL	02/27/2001	0001	4.99 - 15.02	0.90	U	J	#	0.9	± 0.54
	pCi/L	0318	WL	05/17/2001	0001	4.99 - 15.02	0.89	U	F	#	0.89	± 0.52
	pCi/L	0319	WL	09/28/2000	0001	4.55 - 14.58	2.61			#	0.78	± 0.52
	pCi/L	0319	WL	12/19/2000	0001	4.55 - 14.58	3.99			#	0.66	± 0.47
	pCi/L	0319	WL	03/02/2001	0001	4.55 - 14.58	4.04			#	0.99	± 0.64
	pCi/L	0319	WL	05/18/2001	0001	4.55 - 14.58	1.7			#	0.83	± 0.52
	pCi/L	0319	WL	08/31/2001	0001	4.55 - 14.58	2.49			#	0.81	± 0.53
	pCi/L	0319	WL	11/28/2001	0001	4.55 - 14.58	3.75			#	0.77	± 0.54
	pCi/L	0319	WL	11/28/2001	0002	4.55 - 14.58	3.88			#	0.74	± 0.52
	pCi/L	0319	WL	02/06/2002	0001	4.55 - 14.58	2.61		F	#	0.69	± 0.46
	pCi/L	0319	WL	09/25/2002	0001	4.55 - 14.58	2.89		F	#	0.7	± 0.47
	pCi/L	0320	WL	09/20/2000	0001	4.92 - 9.96	0.70	U		#	0.7	± 0.42

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE SRK01, SLICK ROCK (BOTH SITES)
REPORT DATE: 12/3/2002 2:28 pm

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Radium-228	pCi/L	0320	WL	12/14/2000	0001	4.92 - 9.96	0.74	U		#	0.74	± 0.44
	pCi/L	0320	WL	12/14/2000	0002	4.92 - 9.96	0.75	U		#	0.75	± 0.45
	pCi/L	0320	WL	03/02/2001	0001	4.92 - 9.96	1.00	U		#	1	± 0.59
	pCi/L	0320	WL	05/17/2001	0001	4.92 - 9.96	0.93	U	F	#	0.93	± 0.54
	pCi/L	0508	WL	09/20/2000	0001	8.00 - 19.00	0.70	U		#	0.7	± 0.41
	pCi/L	0508	WL	12/14/2000	0001	8.00 - 19.00	0.78	U		#	0.78	± 0.47
	pCi/L	0508	WL	02/27/2001	0001	1.01 - 11.01	0.90	U	J	#	0.9	± 0.53
	pCi/L	0508	WL	05/17/2001	0001	1.01 - 11.01	0.90	U	F	#	0.9	± 0.54
	pCi/L	0510	WL	09/20/2000	0001	15.00 - 24.00	0.90	U		#	0.9	± 0.53
	pCi/L	0510	WL	12/14/2000	0001	15.00 - 24.00	0.86	U	L	#	0.86	± 0.51
	pCi/L	0510	WL	02/27/2001	0001	4.92 - 13.92	0.83	U	J	#	0.83	± 0.50
	pCi/L	0510	WL	02/27/2001	0002	4.92 - 13.92	0.94	U		#	0.94	± 0.55
	pCi/L	0510	WL	05/17/2001	0001	4.92 - 13.92	0.92	U	F	#	0.92	± 0.55
	pCi/L	0510	WL	05/17/2001	0002	4.92 - 13.92	0.94	U	F	#	0.94	± 0.56
Selenium	mg/L	0303	WL	09/26/2000	0001	4.30 - 14.30	0.00033	B		#	0.0001	-
	mg/L	0303	WL	12/19/2000	0001	4.30 - 14.30	0.00049	B		#	0.0001	-
	mg/L	0303	WL	02/28/2001	0001	4.30 - 14.30	0.00071	B		#	0.0001	-
	mg/L	0303	WL	05/15/2001	0001	4.30 - 14.30	0.00075	B	F	#	0.0003	-
	mg/L	0303	WL	08/29/2001	0001	4.30 - 14.30	0.0003	U	F	#	0.0003	-
	mg/L	0303	WL	11/28/2001	0001	4.30 - 14.30	0.0003	U	F	#	0.0003	-
	mg/L	0303	WL	02/04/2002	0001	4.30 - 14.30	0.0003	U	F	#	0.0003	-
	mg/L	0305	WL	09/26/2000	0001	8.70 - 18.70	0.0302			#	0.0005	-
	mg/L	0305	WL	12/15/2000	0001	8.70 - 18.70	0.0283			#	0.0004	-
	mg/L	0305	WL	02/28/2001	0001	8.70 - 18.70	0.0367			#	0.0025	-
	mg/L	0305	WL	05/14/2001	0001	8.70 - 18.70	0.0363		F	#	0.0015	-
	mg/L	0305	WL	08/29/2001	0001	8.70 - 18.70	0.0396		F	#	0.0015	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE SRK01, SLICK ROCK (BOTH SITES)
REPORT DATE: 12/3/2002 2:28 pm

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Selenium	mg/L	0305	WL	11/28/2001	0001	8.70 - 18.70	0.0457		F	#	0.0015	-
	mg/L	0305	WL	02/05/2002	0001	8.70 - 18.70	0.0393		F	#	0.0015	-
	mg/L	0305	WL	09/24/2002	0001	8.70 - 18.70	0.0394		F	#	0.0005	-
	mg/L	0307	WL	09/26/2000	0001	4.40 - 14.40	0.00025	B		#	0.0001	-
	mg/L	0307	WL	12/15/2000	0001	4.40 - 14.40	0.0001	U		#	0.0001	-
	mg/L	0307	WL	03/01/2001	0001	4.40 - 14.40	0.0001	U		#	0.0001	-
	mg/L	0307	WL	05/14/2001	0001	4.40 - 14.40	0.0003	U	F	#	0.0003	-
	mg/L	0307	WL	08/29/2001	0001	4.40 - 14.40	0.0003	U	F	#	0.0003	-
	mg/L	0307	WL	11/28/2001	0001	4.40 - 14.40	0.0003	U	F	#	0.0003	-
	mg/L	0307	WL	02/04/2002	0001	4.40 - 14.40	0.0003	U	F	#	0.0003	-
	mg/L	0307	WL	09/24/2002	0001	4.40 - 14.40	0.0001	U	F	#	0.0001	-
	mg/L	0309	WL	09/26/2000	0001	10.20 - 20.20	0.00066	B		#	0.0001	-
	mg/L	0309	WL	12/15/2000	0001	10.20 - 20.20	0.0011	B		#	0.0001	-
	mg/L	0309	WL	03/01/2001	0001	10.20 - 20.20	0.00085	B		#	0.0001	-
	mg/L	0309	WL	05/14/2001	0001	10.20 - 20.20	0.0017	B	F	#	0.0003	-
	mg/L	0309	WL	08/29/2001	0001	10.20 - 20.20	0.0003	U	F	#	0.0003	-
	mg/L	0309	WL	11/28/2001	0001	10.20 - 20.20	0.0003	U	F	#	0.0003	-
	mg/L	0309	WL	02/04/2002	0001	10.20 - 20.20	0.00031	B	F	#	0.0003	-
	mg/L	0311	WL	09/27/2000	0001	14.10 - 19.10	0.00087	B		#	0.0001	-
	mg/L	0311	WL	12/14/2000	0001	14.10 - 19.10	0.00078	B		#	0.0001	-
	mg/L	0311	WL	02/28/2001	0001	14.10 - 19.10	0.00071	B		#	0.0001	-
	mg/L	0311	WL	05/16/2001	0001	14.10 - 19.10	0.0007	B	F	#	0.0003	-
	mg/L	0311	WL	08/30/2001	0001	14.10 - 19.10	0.001	B	F	#	0.0003	-
	mg/L	0311	WL	11/28/2001	0001	14.10 - 19.10	0.0058		F	#	0.0003	-
	mg/L	0311	WL	02/05/2002	0001	14.10 - 19.10	0.0075		F	#	0.0003	-
	mg/L	0317	WL	09/28/2000	0001	19.46 - 39.52	0.0038	B		#	0.0001	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE SRK01, SLICK ROCK (BOTH SITES)
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PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Selenium	mg/L	0317	WL	12/14/2000	0001	19.46 - 39.52	0.003	B		#	0.0001	-
	mg/L	0317	WL	03/01/2001	0001	19.46 - 39.52	0.0066			#	0.0001	-
	mg/L	0317	WL	05/17/2001	0001	19.46 - 39.52	0.0028	B	F	#	0.0003	-
	mg/L	0317	WL	08/30/2001	0001	19.46 - 39.52	0.0049	B	F	#	0.0003	-
	mg/L	0317	WL	11/27/2001	0001	19.46 - 39.52	0.0047	B	F	#	0.0003	-
	mg/L	0317	WL	02/05/2002	0001	19.46 - 39.52	0.0044	B	F	#	0.0003	-
	mg/L	0318	WL	09/19/2000	0001	4.99 - 15.02	2.520			#	0.02	-
	mg/L	0318	WL	12/13/2000	0001	4.99 - 15.02	1.540		L	#	1	-
	mg/L	0318	WL	02/27/2001	0001	4.99 - 15.02	1.990			#	4	-
	mg/L	0318	WL	05/17/2001	0001	4.99 - 15.02	2.570		F	#	0.06	-
	mg/L	0318	WL	08/30/2001	0001	4.99 - 15.02	1.890		F	#	0.06	-
	mg/L	0318	WL	08/30/2001	0002	4.99 - 15.02	1.590		F	#	0.06	-
	mg/L	0318	WL	11/27/2001	0001	4.99 - 15.02	1.300		F	#	0.06	-
	mg/L	0318	WL	02/05/2002	0001	4.99 - 15.02	1.540		F	#	0.03	-
	mg/L	0318	WL	09/25/2002	0001	4.99 - 15.02	0.964		F	#	0.01	-
	mg/L	0318	WL	09/25/2002	0002	4.99 - 15.02	0.980		F	#	0.01	-
	mg/L	0319	WL	09/28/2000	0001	4.55 - 14.58	0.001	B		#	0.0001	-
	mg/L	0319	WL	12/19/2000	0001	4.55 - 14.58	0.00076	B		#	0.0001	-
	mg/L	0319	WL	03/02/2001	0001	4.55 - 14.58	0.00079	B		#	0.0001	-
	mg/L	0319	WL	05/18/2001	0001	4.55 - 14.58	0.00036	B		#	0.0003	-
	mg/L	0319	WL	08/31/2001	0001	4.55 - 14.58	0.0014	B		#	0.0003	-
	mg/L	0319	WL	11/28/2001	0001	4.55 - 14.58	0.0003	U		#	0.0003	-
	mg/L	0319	WL	11/28/2001	0002	4.55 - 14.58	0.00033	B		#	0.0003	-
	mg/L	0319	WL	02/06/2002	0001	4.55 - 14.58	0.00055	B	F	#	0.0003	-
	mg/L	0320	WL	09/20/2000	0001	4.92 - 9.96	0.0003	B		#	0.0001	-
	mg/L	0320	WL	12/14/2000	0001	4.92 - 9.96	0.00013	B		#	0.0001	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE SRK01, SLICK ROCK (BOTH SITES)
REPORT DATE: 12/3/2002 2:29 pm

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Selenium	mg/L	0320	WL	12/14/2000	0002	4.92 - 9.96	0.0001	B		#	0.0001	-
	mg/L	0320	WL	03/02/2001	0001	4.92 - 9.96	0.0001	U		#	0.0001	
	mg/L	0320	WL	05/17/2001	0001	4.92 - 9.96	0.0003	U	F	#	0.0003	-
	mg/L	0320	WL	08/30/2001	0001	4.92 - 9.96	0.0003	U	F	#	0.0003	-
	mg/L	0320	WL	11/27/2001	0001	4.92 - 9.96	0.0003	U	F	#	0.0003	-
	mg/L	0320	WL	02/05/2002	0001	4.92 - 9.96	0.0003	U	F	#	0.0003	-
	mg/L	0320	WL	09/25/2002	0001	4.92 - 9.96	0.0001	U	F	#	0.0001	-
	mg/L	0508	WL	09/20/2000	0001	8.00 - 19.00	1.730			#	0.02	-
	mg/L	0508	WL	12/14/2000	0001	8.00 - 19.00	1.460			#	1	-
	mg/L	0508	WL	02/27/2001	0001	1.01 - 11.01	1.610			#	4	-
	mg/L	0508	WL	05/17/2001	0001	1.01 - 11.01	1.500		F	#	0.03	-
	mg/L	0508	WL	08/30/2001	0001	1.01 - 11.01	1.130		F	#	0.03	-
	mg/L	0508	WL	11/27/2001	0001	1.01 - 11.01	0.982		F	#	0.03	-
	mg/L	0508	WL	02/05/2002	0001	1.01 - 11.01	0.897		F	#	0.03	-
	mg/L	0508	WL	09/25/2002	0001	1.01 - 11.01	0.726		F	#	0.01	-
	mg/L	0510	WL	09/20/2000	0001	15.00 - 24.00	0.386			#	0.002	-
	mg/L	0510	WL	12/14/2000	0001	15.00 - 24.00	0.442		L	#	0.25	-
	mg/L	0510	WL	02/27/2001	0001	4.92 - 13.92	0.558			#	1	-
	mg/L	0510	WL	02/27/2001	0002	4.92 - 13.92	0.534			#	1	-
	mg/L	0510	WL	05/17/2001	0001	4.92 - 13.92	0.451		F	#	0.015	-
	mg/L	0510	WL	05/17/2001	0002	4.92 - 13.92	0.461		F	#	0.015	-
	mg/L	0510	WL	08/30/2001	0001	4.92 - 13.92	0.253		F	#	0.006	-
	mg/L	0510	WL	11/27/2001	0001	4.92 - 13.92	0.275		F	#	0.006	-
	mg/L	0510	WL	02/05/2002	0001	4.92 - 13.92	0.319		F	#	0.006	-
	mg/L	0510	WL	02/05/2002	0002	4.92 - 13.92	0.331		F	#	0.006	-
	mg/L	0510	WL	09/25/2002	0001	4.92 - 13.92	0.147		F	#	0.001	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE SRK01, SLICK ROCK (BOTH SITES)
REPORT DATE: 12/3/2002 2:29 pm

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Toluene	ug/L	0319	WL	09/28/2000	N001	4.55 - 14.58	11300			#	-	-
	ug/L	0319	WL	12/19/2000	N001	4.55 - 14.58	5060			#	-	-
	ug/L	0319	WL	03/02/2001	N001	4.55 - 14.58	11000			#	-	-
	ug/L	0319	WL	05/18/2001	N001	4.55 - 14.58	13700			#	-	-
	ug/L	0319	WL	08/31/2001	N001	4.55 - 14.58	5690			#	-	-
	ug/L	0319	WL	11/28/2001	N001	4.55 - 14.58	4950			#	-	-
	ug/L	0319	WL	11/28/2001	N002	4.55 - 14.58	6080			#	-	-
	ug/L	0319	WL	02/06/2002	N001	4.55 - 14.58	3880		F	#	-	-
	ug/L	0319	WL	09/25/2002	N001	4.55 - 14.58	425		F	#	-	-
	ug/L	0320	WL	09/29/2000	N001	4.92 - 9.96	5	U		#	5	-
	ug/L	0320	WL	03/02/2001	N001	4.92 - 9.96	5	U		#	5	-
	ug/L	0320	WL	05/17/2001	N001	4.92 - 9.96	5	U	F	#	5	-
	ug/L	0320	WL	11/27/2001	N001	4.92 - 9.96	5	U	F	#	5	-
	ug/L	0320	WL	02/05/2002	N001	4.92 - 9.96	5	U	F	#	5	-
Uranium	mg/L	0303	WL	09/26/2000	0001	4.30 - 14.30	1.020			#	0.005	-
	mg/L	0303	WL	12/19/2000	0001	4.30 - 14.30	1.270			#	0.01	-
	mg/L	0303	WL	02/28/2001	0001	4.30 - 14.30	1.130			#	0.0025	-
	mg/L	0303	WL	05/15/2001	0001	4.30 - 14.30	0.944		F	#	0.0001	-
	mg/L	0303	WL	08/29/2001	0001	4.30 - 14.30	0.927		F	#	0.0005	-
	mg/L	0303	WL	11/28/2001	0001	4.30 - 14.30	1.220		F	#	0.0005	-
	mg/L	0303	WL	02/04/2002	0001	4.30 - 14.30	1.150		F	#	0.0001	-
	mg/L	0303	WL	09/24/2002	0001	4.30 - 14.30	1.300		F	#	0.0005	-
	mg/L	0305	WL	09/26/2000	0001	8.70 - 18.70	1.120			#	0.0025	-
	mg/L	0305	WL	12/15/2000	0001	8.70 - 18.70	1.130			#	0.01	-
	mg/L	0305	WL	02/28/2001	0001	8.70 - 18.70	1.310			#	0.0025	-
	mg/L	0305	WL	05/14/2001	0001	8.70 - 18.70	1.310		F	#	0.001	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE SRK01, SLICK ROCK (BOTH SITES)
REPORT DATE: 12/3/2002 2:29 pm

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Uranium	mg/L	0305	WL	08/29/2001	0001	8.70 - 18.70	1.040		F	#	0.0005	-
	mg/L	0305	WL	11/28/2001	0001	8.70 - 18.70	0.971		F	#	0.0001	-
	mg/L	0305	WL	02/05/2002	0001	8.70 - 18.70	0.986		F	#	0.0001	-
	mg/L	0305	WL	09/24/2002	0001	8.70 - 18.70	0.896		F	#	0.0001	-
	mg/L	0307	WL	09/26/2000	0001	4.40 - 14.40	0.417			#	0.0001	-
	mg/L	0307	WL	12/15/2000	0001	4.40 - 14.40	0.501			#	0.0001	-
	mg/L	0307	WL	03/01/2001	0001	4.40 - 14.40	0.527			#	0.0001	-
	mg/L	0307	WL	05/14/2001	0001	4.40 - 14.40	0.544		F	#	0.0001	-
	mg/L	0307	WL	08/29/2001	0001	4.40 - 14.40	0.494		F	#	0.0001	-
	mg/L	0307	WL	11/28/2001	0001	4.40 - 14.40	0.481		F	#	0.0001	-
	mg/L	0307	WL	02/04/2002	0001	4.40 - 14.40	0.489		F	#	0.0001	-
	mg/L	0307	WL	09/24/2002	0001	4.40 - 14.40	0.471		F	#	0.0001	-
	mg/L	0309	WL	09/26/2000	0001	10.20 - 20.20	0.169			#	0.0001	-
	mg/L	0309	WL	12/15/2000	0001	10.20 - 20.20	0.135			#	0.0001	-
	mg/L	0309	WL	03/01/2001	0001	10.20 - 20.20	0.131			#	0.0001	-
	mg/L	0309	WL	05/14/2001	0001	10.20 - 20.20	0.170		F	#	0.0001	-
	mg/L	0309	WL	08/29/2001	0001	10.20 - 20.20	0.0508		F	#	0.0001	-
	mg/L	0309	WL	11/28/2001	0001	10.20 - 20.20	0.0579		F	#	0.0001	-
	mg/L	0309	WL	02/04/2002	0001	10.20 - 20.20	0.0932		F	#	0.0001	-
	mg/L	0309	WL	09/24/2002	0001	10.20 - 20.20	0.0519		F	#	0.0001	-
	mg/L	0311	WL	09/27/2000	0001	14.10 - 19.10	0.0377			#	0.0001	-
	mg/L	0311	WL	12/14/2000	0001	14.10 - 19.10	0.0382			#	0.0001	-
	mg/L	0311	WL	02/28/2001	0001	14.10 - 19.10	0.0406			#	0.0001	-
	mg/L	0311	WL	05/16/2001	0001	14.10 - 19.10	0.0498		F	#	0.0001	-
	mg/L	0311	WL	08/30/2001	0001	14.10 - 19.10	0.042		F	#	0.0001	-
	mg/L	0311	WL	11/28/2001	0001	14.10 - 19.10	0.0557		F	#	0.0001	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE SRK01, SLICK ROCK (BOTH SITES)
REPORT DATE: 12/3/2002 2:29 pm

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Uranium	mg/L	0311	WL	02/05/2002	0001	14.10 - 19.10	0.0509		F	#	0.0001	-
	mg/L	0311	WL	09/24/2002	0001	14.10 - 19.10	0.0589		F	#	0.0001	-
	mg/L	0317	WL	09/28/2000	0001	19.46 - 39.52	0.0119			#	0.0001	-
	mg/L	0317	WL	12/14/2000	0001	19.46 - 39.52	0.0197			#	0.0001	-
	mg/L	0317	WL	03/01/2001	0001	19.46 - 39.52	0.0169			#	0.0001	-
	mg/L	0317	WL	05/17/2001	0001	19.46 - 39.52	0.0222		F	#	0.0001	-
	mg/L	0317	WL	08/30/2001	0001	19.46 - 39.52	0.0207		F	#	0.0001	-
	mg/L	0317	WL	11/27/2001	0001	19.46 - 39.52	0.0237		F	#	0.0001	-
	mg/L	0317	WL	02/05/2002	0001	19.46 - 39.52	0.0211		F	#	0.0001	-
	mg/L	0318	WL	09/19/2000	0001	4.99 - 15.02	0.0493			#	0.0001	-
	mg/L	0318	WL	12/13/2000	0001	4.99 - 15.02	0.0482		L	#	0.0001	-
	mg/L	0318	WL	02/27/2001	0001	4.99 - 15.02	0.0459			#	0.0001	-
	mg/L	0318	WL	05/17/2001	0001	4.99 - 15.02	0.0554		F	#	0.0001	-
	mg/L	0318	WL	08/30/2001	0001	4.99 - 15.02	0.0401		F	#	0.0001	-
	mg/L	0318	WL	08/30/2001	0002	4.99 - 15.02	0.0406		F	#	0.0001	-
	mg/L	0318	WL	11/27/2001	0001	4.99 - 15.02	0.0393		F	#	0.0001	-
	mg/L	0318	WL	02/05/2002	0001	4.99 - 15.02	0.0404		F	#	0.0001	-
	mg/L	0318	WL	09/25/2002	0001	4.99 - 15.02	0.0353		F	#	0.0001	-
	mg/L	0318	WL	09/25/2002	0002	4.99 - 15.02	0.0354		F	#	0.0001	-
	mg/L	0319	WL	09/28/2000	0001	4.55 - 14.58	0.00033	B		#	0.0001	-
	mg/L	0319	WL	12/19/2000	0001	4.55 - 14.58	0.00089	B		#	0.0001	-
	mg/L	0319	WL	03/02/2001	0001	4.55 - 14.58	0.0016			#	0.0001	-
	mg/L	0319	WL	05/18/2001	0001	4.55 - 14.58	0.0025			#	0.0001	-
	mg/L	0319	WL	08/31/2001	0001	4.55 - 14.58	0.0003	B		#	0.0001	-
	mg/L	0319	WL	11/28/2001	0001	4.55 - 14.58	0.001		U	#	0.0001	-
	mg/L	0319	WL	11/28/2001	0002	4.55 - 14.58	0.001		U	#	0.0001	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE SRK01, SLICK ROCK (BOTH SITES)
REPORT DATE: 12/3/2002 2:29 pm

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Uranium	mg/L	0319	WL	02/06/2002	0001	4.55 - 14.58	0.0003	B	F	#	0.0001	-
	mg/L	0320	WL	09/20/2000	0001	4.92 - 9.96	0.0191			#	0.0001	-
	mg/L	0320	WL	12/14/2000	0001	4.92 - 9.96	0.0219			#	0.0001	-
	mg/L	0320	WL	12/14/2000	0002	4.92 - 9.96	0.0219			#	0.0001	-
	mg/L	0320	WL	03/02/2001	0001	4.92 - 9.96	0.0222			#	0.0001	-
	mg/L	0320	WL	05/17/2001	0001	4.92 - 9.96	0.0217		F	#	0.0001	-
	mg/L	0320	WL	08/30/2001	0001	4.92 - 9.96	0.0178		F	#	0.0001	-
	mg/L	0320	WL	11/27/2001	0001	4.92 - 9.96	0.020		F	#	0.0001	-
	mg/L	0320	WL	02/05/2002	0001	4.92 - 9.96	0.0203		F	#	0.0001	-
	mg/L	0320	WL	09/25/2002	0001	4.92 - 9.96	0.0191		F	#	0.0001	-
	mg/L	0508	WL	09/20/2000	0001	8.00 - 19.00	0.0698			#	0.0001	-
	mg/L	0508	WL	12/14/2000	0001	8.00 - 19.00	0.0771			#	0.0001	-
	mg/L	0508	WL	02/27/2001	0001	1.01 - 11.01	0.0827			#	0.0001	-
	mg/L	0508	WL	05/17/2001	0001	1.01 - 11.01	0.0807		F	#	0.0001	-
	mg/L	0508	WL	08/30/2001	0001	1.01 - 11.01	0.0685		F	#	0.0001	-
	mg/L	0508	WL	11/27/2001	0001	1.01 - 11.01	0.0771		F	#	0.0001	-
	mg/L	0508	WL	02/05/2002	0001	1.01 - 11.01	0.0798		F	#	0.0001	-
	mg/L	0508	WL	09/25/2002	0001	1.01 - 11.01	0.0821		F	#	0.0001	-
	mg/L	0510	WL	09/20/2000	0001	15.00 - 24.00	0.0937			#	0.0001	-
	mg/L	0510	WL	12/14/2000	0001	15.00 - 24.00	0.0988		L	#	0.0001	-
	mg/L	0510	WL	02/27/2001	0001	4.92 - 13.92	0.100			#	0.0001	-
	mg/L	0510	WL	02/27/2001	0002	4.92 - 13.92	0.0997			#	0.0001	-
	mg/L	0510	WL	05/17/2001	0001	4.92 - 13.92	0.0974		F	#	0.0001	-
	mg/L	0510	WL	05/17/2001	0002	4.92 - 13.92	0.0952		F	#	0.0001	-
	mg/L	0510	WL	08/30/2001	0001	4.92 - 13.92	0.0868		F	#	0.0001	-
	mg/L	0510	WL	11/27/2001	0001	4.92 - 13.92	0.0974		F	#	0.0001	-

GROUND WATER QUALITY DATA BY PARAMETER (USEE200) FOR SITE SRK01, SLICK ROCK (BOTH SITES)
REPORT DATE: 12/3/2002 2:29 pm

PARAMETER	UNITS	LOCATION ID	LOCATION TYPE	SAMPLE: DATE	SAMPLE: ID	DEPTH RANGE (FT BLS)	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Uranium	mg/L	0510	WL	02/05/2002	0001	4.92 - 13.92	0.0966		F	#	0.0001	-
	mg/L	0510	WL	02/05/2002	0002	4.92 - 13.92	0.0983		F	#	0.0001	-
	mg/L	0510	WL	09/25/2002	0001	4.92 - 13.92	0.0842		F	#	0.0001	-

RECORDS: SELECTED FROM USEE200 WHERE site_code='SRK01' AND location_code in('0303','0305','0307','0309','0311','0317','0318','0319','0320','0508','0510') AND quality_assurance = TRUE AND (data_validation_qualifiers IS NULL OR data_validation_qualifiers NOT LIKE '%R%' AND data_validation_qualifiers NOT LIKE '%X%') AND cas in('000071-43-2','07439-96-5','07439-98-7','NITRATE','RA-226','RA-228','07782-49-2','000108-88-3','07440-61-1') AND DATE_SAMPLED between #9/1/2000# and #10/1/2002#

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LOCATION TYPES: WL WELL

LAB QUALIFIERS:

- * Replicate analysis not within control limits.
- + Correlation coefficient for MSA < 0.995.
- > Result above upper detection limit.
- A TIC is a suspected aldol-condensation product.
- B Inorganic: Result is between the IDL and CRDL. Organic: Analyte also found in method blank.
- C Pesticide result confirmed by GC-MS.
- D Analyte determined in diluted sample.
- E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
- H Holding time expired, value suspect.
- I Increased detection limit due to required dilution.
- J Estimated
- M GFAA duplicate injection precision not met.
- N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compund (TIC).
- P > 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
- S Result determined by method of standard addition (MSA).
- U Analytical result below detection limit.
- W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
- X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.

DATA QUALIFIERS:

- F Low flow sampling method used.
- G Possible grout contamination, pH > 9.
- J Estimated value.
- L Less than 3 bore volumes purged prior to sampling.
- Q Qualitative result due to sampling technique
- R Unusable result.
- U Parameter analyzed for but was not detected.
- X Location is undefined.

QA QUALIFIER: # = validated according to Quality Assurance guidelines.

Appendix B

Surface Water Quality Data by Parameter

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE SRK01; SLICK ROCK (BOTH SITES)
REPORT DATE: 12/3/2002 1:19 pm

PARAMETER	UNITS	LOCATION ID	SAMPLE: DATE	SAMPLE: ID	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Manganese	mg/L	0347	02/26/2001	0001	0.0064	B		#	0.003	-
	mg/L	0347	05/15/2001	0001	0.0048	B		#	0.0001	-
	mg/L	0347	08/28/2001	0001	0.002	B		#	0.0001	-
	mg/L	0347	11/27/2001	0001	0.0034	B		#	0.0001	-
	mg/L	0347	02/05/2002	0001	0.0063	B		#	0.0001	-
	mg/L	0347	09/25/2002	0001	0.003	B		#	0.0002	-
	mg/L	0347	09/25/2002	0002	0.0027	B		#	0.0002	-
	mg/L	0349	02/27/2001	0001	0.0234			#	0.003	-
	mg/L	0349	05/15/2001	0001	0.0043	B		#	0.0001	-
	mg/L	0349	08/28/2001	0001	0.0038	B		#	0.0001	-
	mg/L	0349	11/27/2001	0001	0.0085	B		#	0.0001	-
	mg/L	0349	02/05/2002	0001	0.0095	B		#	0.0001	-
	mg/L	0349	09/25/2002	0001	0.0407			#	0.0002	-
	mg/L	0692	09/27/2000	0001	0.0026	B		#	0.002	-
	mg/L	0692	09/27/2000	0002	0.002	U		#	0.002	-
	mg/L	0692	12/19/2000	0001	0.0073	B		#	0.003	-
	mg/L	0692	02/26/2001	0001	0.0055	B		#	0.003	-
	mg/L	0692	02/26/2001	0002	0.0062	B		#	0.003	-
	mg/L	0692	05/15/2001	0001	0.0005	B		#	0.0001	-
	mg/L	0692	05/15/2001	0002	0.0005	B		#	0.0001	-
	mg/L	0692	08/28/2001	0001	0.002	B		#	0.0001	-
	mg/L	0692	11/26/2001	0001	0.0028	B		#	0.0001	-
	mg/L	0692	02/04/2002	0001	0.0032	B		#	0.0001	-
	mg/L	0693	09/21/2000	0001	0.002	U		#	0.002	-
	mg/L	0693	12/19/2000	0001	0.0062	B		#	0.003	-
	mg/L	0693	02/26/2001	0001	0.0053	B		#	0.003	-
	mg/L	0693	05/15/2001	0001	0.0085	B		#	0.0001	-
	mg/L	0693	08/28/2001	0001	0.0021	B		#	0.0001	-
	mg/L	0693	11/26/2001	0001	0.0026	B		#	0.0001	-
	mg/L	0693	02/05/2002	0001	0.011			#	0.0001	-
	mg/L	0693	09/25/2002	0001	0.0016	B		#	0.0002	-
	mg/L	0694	09/21/2000	0001	0.002	U		#	0.002	-
	mg/L	0694	12/14/2000	0001	0.0061	B		#	0.003	-
	mg/L	0694	12/14/2000	0002	0.0063	B		#	0.003	-
	mg/L	0694	02/26/2001	0001	0.0099	B		#	0.003	-
	mg/L	0694	05/15/2001	0001	0.0039	B		#	0.0001	-
	mg/L	0694	08/28/2001	0001	0.0019	B		#	0.0001	-
	mg/L	0694	08/28/2001	0002	0.0019	B		#	0.0001	-
	mg/L	0694	11/26/2001	0001	0.0086	B		#	0.0001	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE SRK01, SLICK ROCK (BOTH SITES)
REPORT DATE: 12/3/2002 1:19 pm

PARAMETER	UNITS	LOCATION ID	SAMPLE: DATE	SAMPLE: ID	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Manganese	mg/L	0694	02/05/2002	0001	0.0072	B		#	0.0001	-
	mg/L	0694	02/05/2002	0002	0.007	B		#	0.0001	-
	mg/L	0694	09/25/2002	0001	0.0034	B		#	0.0002	-
	mg/L	0696	09/27/2000	0001	0.002	U		#	0.002	-
	mg/L	0696	12/19/2000	0001	0.007	B		#	0.003	-
	mg/L	0696	02/26/2001	0001	0.0057	B		#	0.003	-
	mg/L	0696	05/15/2001	0001	0.0011	B		#	0.0001	-
	mg/L	0696	08/28/2001	0001	0.0019	B		#	0.0001	-
	mg/L	0696	11/26/2001	0001	0.0023	B		#	0.0001	-
	mg/L	0696	11/26/2001	0002	0.0023	B		#	0.0001	-
	mg/L	0696	02/05/2002	0001	0.0066	B		#	0.0001	-
Molybdenum	mg/L	0347	02/26/2001	0001	0.0016	B		#	0.0008	-
	mg/L	0347	05/15/2001	0001	0.0042	B		#	0.0004	-
	mg/L	0347	08/28/2001	0001	0.0035	B		#	0.003	-
	mg/L	0347	11/27/2001	0001	0.0019	U		#	0.0019	-
	mg/L	0347	02/05/2002	0001	0.0015	U		#	0.0015	-
	mg/L	0347	09/25/2002	0001	0.003	U		#	0.003	-
	mg/L	0347	09/25/2002	0002	0.0043	B	U	#	0.003	-
	mg/L	0349	02/27/2001	0001	0.0028	B		#	0.0008	-
	mg/L	0349	05/15/2001	0001	0.0047	B		#	0.0004	-
	mg/L	0349	08/28/2001	0001	0.003	U		#	0.003	-
	mg/L	0349	11/27/2001	0001	0.0019	U		#	0.0019	-
	mg/L	0349	02/05/2002	0001	0.0019	B		#	0.0015	-
	mg/L	0349	09/25/2002	0001	0.003	U		#	0.003	-
	mg/L	0692	09/27/2000	0001	0.0009	B		#	0.0004	-
	mg/L	0692	09/27/2000	0002	0.0008	B		#	0.0004	-
	mg/L	0692	12/19/2000	0001	0.0008	B		#	0.0008	-
	mg/L	0692	02/26/2001	0001	0.0019	B		#	0.0008	-
	mg/L	0692	02/26/2001	0002	0.0016	B		#	0.0008	-
	mg/L	0692	05/15/2001	0001	0.0037	B		#	0.0004	-
	mg/L	0692	05/15/2001	0002	0.0041	B		#	0.0004	-
	mg/L	0692	08/28/2001	0001	0.003	U		#	0.003	-
	mg/L	0692	11/26/2001	0001	0.0019	U		#	0.0019	-
	mg/L	0692	02/04/2002	0001	0.0015	U		#	0.0015	-
	mg/L	0693	09/21/2000	0001	0.0008	B		#	0.0004	-
	mg/L	0693	12/19/2000	0001	0.0008	U		#	0.0008	-
	mg/L	0693	02/26/2001	0001	0.0015	B		#	0.0008	-
	mg/L	0693	05/15/2001	0001	0.004	B		#	0.0004	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE SRK01, SLICK ROCK (BOTH SITES)
REPORT DATE: 12/3/2002 1:19 pm

PARAMETER	UNITS	LOCATION ID	SAMPLE: DATE	SAMPLE: ID	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Molybdenum	mg/L	0693	08/28/2001	0001	0.003	U		#	0.003	-
	mg/L	0693	11/26/2001	0001	0.0019	U		#	0.0019	-
	mg/L	0693	02/05/2002	0001	0.0015	U		#	0.0015	-
	mg/L	0693	09/25/2002	0001	0.0033	B		#	0.003	-
	mg/L	0694	09/21/2000	0001	0.0012	B		#	0.0004	-
	mg/L	0694	12/14/2000	0001	0.0011	B		#	0.0008	-
	mg/L	0694	12/14/2000	0002	0.0009	B		#	0.0008	-
	mg/L	0694	02/26/2001	0001	0.0017	B		#	0.0008	-
	mg/L	0694	05/15/2001	0001	0.0041	B		#	0.0004	-
	mg/L	0694	08/28/2001	0001	0.003	U		#	0.003	-
	mg/L	0694	08/28/2001	0002	0.003	U		#	0.003	-
	mg/L	0694	11/26/2001	0001	0.0019	U		#	0.0019	-
	mg/L	0694	02/05/2002	0001	0.0015	U		#	0.0015	-
	mg/L	0694	02/05/2002	0002	0.0015	U		#	0.0015	-
	mg/L	0694	09/25/2002	0001	0.0056	B		#	0.003	-
	mg/L	0696	09/27/2000	0001	0.0008	B		#	0.0004	-
	mg/L	0696	12/19/2000	0001	0.0009	B		#	0.0008	-
	mg/L	0696	02/26/2001	0001	0.0014	B		#	0.0008	-
	mg/L	0696	05/15/2001	0001	0.004	B		#	0.0004	-
	mg/L	0696	08/28/2001	0001	0.003	U		#	0.003	-
	mg/L	0696	11/26/2001	0001	0.0019	U		#	0.0019	-
	mg/L	0696	11/26/2001	0002	0.0019	U		#	0.0019	-
	mg/L	0696	02/05/2002	0001	0.0015	U		#	0.0015	-
Nitrate as NO3	mg/L	0347	02/26/2001	0001	0.885	B		#	0.0314	-
	mg/L	0347	05/15/2001	0001	0.271	B		#	0.0171	-
	mg/L	0347	08/28/2001	0001	0.110	B		#	0.0305	-
	mg/L	0347	11/27/2001	0001	0.0762	B		#	0.0305	-
	mg/L	0347	02/05/2002	0001	0.514	B		#	0.0305	-
	mg/L	0347	09/25/2002	0001	0.305	B		#	0.02	-
	mg/L	0347	09/25/2002	0002	0.079	B		#	0.02	-
	mg/L	0349	02/27/2001	0001	2.230			#	0.0314	-
	mg/L	0349	05/15/2001	0001	0.473	B	J	#	0.0171	-
	mg/L	0349	08/28/2001	0001	0.357	B		#	0.0305	-
	mg/L	0349	11/27/2001	0001	1.850			#	0.0305	-
	mg/L	0349	02/05/2002	0001	1.290			#	0.0305	-
	mg/L	0349	09/25/2002	0001	0.0715	B		#	0.02	-
	mg/L	0692	09/27/2000	0001	0.252	B		#	0.0314	-
	mg/L	0692	09/27/2000	0002	0.274	B		#	0.0314	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE SRK01, SLICK ROCK (BOTH SITES)
REPORT DATE: 12/3/2002 1:19 pm

PARAMETER	UNITS	LOCATION ID	SAMPLE: DATE	SAMPLE: ID	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Nitrate as NO3	mg/L	0692	12/19/2000	0001	0.0632	B		#	0.0314	-
	mg/L	0692	02/26/2001	0001	0.594	B		#	0.0314	-
	mg/L	0692	02/26/2001	0002	0.825	B		#	0.0314	-
	mg/L	0692	05/15/2001	0001	0.106	B		#	0.0171	-
	mg/L	0692	05/15/2001	0002	0.130	B		#	0.0171	-
	mg/L	0692	08/28/2001	0001	0.161	B		#	0.0305	-
	mg/L	0692	11/26/2001	0001	0.346	B		#	0.0305	-
	mg/L	0693	09/21/2000	0001	0.0594	B		#	0.0314	-
	mg/L	0693	12/19/2000	0001	0.090	B		#	0.0314	-
	mg/L	0693	02/26/2001	0001	0.590	B		#	0.0314	-
	mg/L	0693	05/15/2001	0001	0.131	B		#	0.0171	-
	mg/L	0693	08/28/2001	0001	0.0945	B		#	0.0305	-
	mg/L	0693	11/26/2001	0001	0.401	B		#	0.0305	-
	mg/L	0693	02/05/2002	0001	0.641	B		#	0.0305	-
	mg/L	0693	09/25/2002	0001	0.0512	B		#	0.02	-
	mg/L	0694	09/21/2000	0001	0.197	B		#	0.0314	-
	mg/L	0694	12/14/2000	0001	0.231	B		#	0.0314	-
	mg/L	0694	12/14/2000	0002	0.242	B		#	0.0314	-
	mg/L	0694	02/26/2001	0001	0.837	B		#	0.0314	-
	mg/L	0694	05/15/2001	0001	0.223	B		#	0.0171	-
	mg/L	0694	08/28/2001	0001	0.132	B		#	0.0305	-
	mg/L	0694	08/28/2001	0002	0.154	B		#	0.0305	-
	mg/L	0694	11/26/2001	0001	0.361	B		#	0.0305	-
	mg/L	0694	02/05/2002	0001	0.540	B		#	0.0305	-
	mg/L	0694	02/05/2002	0002	0.419	B		#	0.0305	-
	mg/L	0694	09/25/2002	0001	0.791	B		#	0.02	-
	mg/L	0696	09/27/2000	0001	0.141	B		#	0.0314	-
	mg/L	0696	12/19/2000	0001	0.0314	U		#	0.0314	-
	mg/L	0696	02/26/2001	0001	0.636	B		#	0.0314	-
	mg/L	0696	05/15/2001	0001	0.127	B		#	0.0171	-
	mg/L	0696	08/28/2001	0001	0.117	B		#	0.0305	-
	mg/L	0696	11/26/2001	0001	0.816	B		#	0.0305	-
	mg/L	0696	11/26/2001	0002	0.209	B		#	0.0305	-
Selenium	mg/L	0347	02/26/2001	0001	0.0008	B		#	0.0001	-
	mg/L	0347	05/15/2001	0001	0.0016	B		#	0.0003	-
	mg/L	0347	08/28/2001	0001	0.0003	U		#	0.0003	-
	mg/L	0347	11/27/2001	0001	0.0003	U		#	0.0003	-
	mg/L	0347	02/05/2002	0001	0.0005	B		#	0.0003	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE SRK01, SLICK ROCK (BOTH SITES)
REPORT DATE: 12/3/2002 1:19 pm

PARAMETER	UNITS	LOCATION ID	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Selenium	mg/L	0347	09/25/2002	0001	0.0003 B			#	0.0001	-
	mg/L	0347	09/25/2002	0002	0.0003 B			#	0.0001	-
	mg/L	0349	02/27/2001	0001	0.001 B			#	0.0001	-
	mg/L	0349	05/15/2001	0001	0.0017 B			#	0.0003	-
	mg/L	0349	08/28/2001	0001	0.0003 U			#	0.0003	-
	mg/L	0349	11/27/2001	0001	0.0003 U			#	0.0003	-
	mg/L	0349	02/05/2002	0001	0.0007 B			#	0.0003	-
	mg/L	0349	09/25/2002	0001	0.0002 B			#	0.0001	-
	mg/L	0692	09/27/2000	0001	0.0001 B			#	0.0001	-
	mg/L	0692	09/27/2000	0002	0.0001 B			#	0.0001	-
	mg/L	0692	12/19/2000	0001	0.0003 B			#	0.0001	-
	mg/L	0692	02/26/2001	0001	0.0005 B			#	0.0001	-
	mg/L	0692	02/26/2001	0002	0.0005 B			#	0.0001	-
	mg/L	0692	05/15/2001	0001	0.0015 B			#	0.0003	-
	mg/L	0692	05/15/2001	0002	0.0016 B			#	0.0003	-
	mg/L	0692	08/28/2001	0001	0.0003 U			#	0.0003	-
	mg/L	0692	11/26/2001	0001	0.0003 U			#	0.0003	-
	mg/L	0692	02/04/2002	0001	0.0003 B			#	0.0003	-
	mg/L	0693	09/21/2000	0001	0.0001 B			#	0.0001	-
	mg/L	0693	12/19/2000	0001	0.0003 B			#	0.0001	-
	mg/L	0693	02/26/2001	0001	0.0004 B			#	0.0001	-
	mg/L	0693	05/15/2001	0001	0.0015 B			#	0.0003	-
	mg/L	0693	08/28/2001	0001	0.0003 U			#	0.0003	-
	mg/L	0693	11/26/2001	0001	0.0003 U			#	0.0003	-
	mg/L	0693	02/05/2002	0001	0.0003 B			#	0.0003	-
	mg/L	0693	09/25/2002	0001	0.0002 B			#	0.0001	-
	mg/L	0694	09/21/2000	0001	0.0002 B			#	0.0001	-
	mg/L	0694	12/14/2000	0001	0.0002 B			#	0.0001	-
	mg/L	0694	12/14/2000	0002	0.0003 B			#	0.0001	-
	mg/L	0694	02/26/2001	0001	0.0005 B			#	0.0001	-
	mg/L	0694	05/15/2001	0001	0.0014 B			#	0.0003	-
	mg/L	0694	08/28/2001	0001	0.0003 U			#	0.0003	-
	mg/L	0694	08/28/2001	0002	0.0003 B			#	0.0003	-
	mg/L	0694	11/26/2001	0001	0.0003 U			#	0.0003	-
	mg/L	0694	02/05/2002	0001	0.0004 B			#	0.0003	-
	mg/L	0694	02/05/2002	0002	0.0004 B			#	0.0003	-
	mg/L	0694	09/25/2002	0001	0.0004 B			#	0.0001	-
	mg/L	0696	09/27/2000	0001	0.0001 B			#	0.0001	-
	mg/L	0696	12/19/2000	0001	0.0002 B			#	0.0001	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE SRK01, SLICK ROCK (BOTH SITES)
REPORT DATE: 12/3/2002 1:19 pm

PARAMETER	UNITS	LOCATION ID	SAMPLE: DATE	SAMPLE: ID	RESULT	QUALIFIERS: LAB	QUALIFIERS: DATA	QUALIFIERS: QA	DETECTION LIMIT	UN-CERTAINTY
Selenium	mg/L	0696	02/26/2001	0001	0.0005 B			#	0.0001	-
	mg/L	0696	05/15/2001	0001	0.0015 B			#	0.0003	-
	mg/L	0696	08/28/2001	0001	0.0003 U			#	0.0003	-
	mg/L	0696	11/26/2001	0001	0.0003 U			#	0.0003	-
	mg/L	0696	11/26/2001	0002	0.0003 U			#	0.0003	-
	mg/L	0696	02/05/2002	0001	0.0003 U			#	0.0003	-
Uranium	mg/L	0347	02/26/2001	0001	0.0014			#	0.0001	-
	mg/L	0347	05/15/2001	0001	0.0016			#	0.0001	-
	mg/L	0347	08/28/2001	0001	0.0005 B			#	0.0001	-
	mg/L	0347	11/27/2001	0001	0.0012		U	#	0.0001	-
	mg/L	0347	02/05/2002	0001	0.0008 B			#	0.0001	-
	mg/L	0347	09/25/2002	0001	0.0013			#	0.0001	-
	mg/L	0347	09/25/2002	0002	0.0013			#	0.0001	-
	mg/L	0349	02/27/2001	0001	0.0017			#	0.0001	-
	mg/L	0349	05/15/2001	0001	0.0016			#	0.0001	-
	mg/L	0349	08/28/2001	0001	0.0004 B			#	0.0001	-
	mg/L	0349	11/27/2001	0001	0.0012		U	#	0.0001	-
	mg/L	0349	02/05/2002	0001	0.0009 B			#	0.0001	-
	mg/L	0349	09/25/2002	0001	0.0014			#	0.0001	-
	mg/L	0692	09/27/2000	0001	0.0004 B			#	0.0001	-
	mg/L	0692	09/27/2000	0002	0.0004 B			#	0.0001	-
	mg/L	0692	12/19/2000	0001	0.0007 B			#	0.0001	-
	mg/L	0692	02/26/2001	0001	0.0015			#	0.0001	-
	mg/L	0692	02/26/2001	0002	0.0015			#	0.0001	-
	mg/L	0692	05/15/2001	0001	0.0016			#	0.0001	-
	mg/L	0692	05/15/2001	0002	0.0016			#	0.0001	-
	mg/L	0692	08/28/2001	0001	0.0004 B			#	0.0001	-
	mg/L	0692	11/26/2001	0001	0.0012		U	#	0.0001	-
	mg/L	0692	02/04/2002	0001	0.0007 B			#	0.0001	-
	mg/L	0692	09/24/2002	0001	0.0013			#	0.0001	-
	mg/L	0693	09/21/2000	0001	0.0003 B			#	0.0001	-
	mg/L	0693	12/19/2000	0001	0.0008 B			#	0.0001	-
	mg/L	0693	02/26/2001	0001	0.0013			#	0.0001	-
	mg/L	0693	05/15/2001	0001	0.0015			#	0.0001	-
	mg/L	0693	08/28/2001	0001	0.0005 B			#	0.0001	-
	mg/L	0693	11/26/2001	0001	0.0012		U	#	0.0001	-
	mg/L	0693	02/05/2002	0001	0.0012			#	0.0001	-
	mg/L	0693	09/25/2002	0001	0.0013			#	0.0001	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE SRK01, SLICK ROCK (BOTH SITES)
REPORT DATE: 12/3/2002 1:19 pm

PARAMETER	UNITS	LOCATION ID	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY
Uranium	mg/L	0694	09/21/2000	0001	0.0003 B			#	0.0001	-
	mg/L	0694	12/14/2000	0001	0.0006 B			#	0.0001	-
	mg/L	0694	12/14/2000	0002	0.0006 B			#	0.0001	-
	mg/L	0694	02/26/2001	0001	0.0013			#	0.0001	-
	mg/L	0694	05/15/2001	0001	0.0015			#	0.0001	-
	mg/L	0694	08/28/2001	0001	0.0005 B			#	0.0001	-
	mg/L	0694	08/28/2001	0002	0.0005 B			#	0.0001	-
	mg/L	0694	11/26/2001	0001	0.0012		U	#	0.0001	-
	mg/L	0694	02/05/2002	0001	0.0008 B			#	0.0001	-
	mg/L	0694	02/05/2002	0002	0.0007 B			#	0.0001	-
	mg/L	0694	09/25/2002	0001	0.0013			#	0.0001	-
	mg/L	0696	09/27/2000	0001	0.0003 B			#	0.0001	-
	mg/L	0696	12/19/2000	0001	0.0007 B			#	0.0001	-
	mg/L	0696	02/26/2001	0001	0.0013			#	0.0001	-
	mg/L	0696	05/15/2001	0001	0.0016			#	0.0001	-
	mg/L	0696	08/28/2001	0001	0.0003 B			#	0.0001	-
	mg/L	0696	11/26/2001	0001	0.0011		U	#	0.0001	-
	mg/L	0696	11/26/2001	0002	0.0011		U	#	0.0001	-
	mg/L	0696	02/05/2002	0001	0.0009 B			#	0.0001	-
	mg/L	0696	09/24/2002	0001	0.0014			#	0.0001	-

SURFACE WATER QUALITY DATA BY PARAMETER (USEE800) FOR SITE SRK01, SLICK ROCK (BOTH SITES)
REPORT DATE: 12/3/2002 1:19 pm

PARAMETER	UNITS	LOCATION ID	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB	DATA	QA	DETECTION LIMIT	UN-CERTAINTY

RECORDS: SELECTED FROM USEE800 WHERE site_code='SRK01' AND location_code in('0692','0693','0694','0696','0347','0349') AND quality_assurance = TRUE AND (data_validation_qualifiers IS NULL OR data_validation_qualifiers NOT LIKE '%R%' AND data_validation_qualifiers NOT LIKE '%X%') AND cas in('07439-96-5','07439-98-7','NITRATE','07782-49-2','07440-61-1') AND DATE_SAMPLED between #9/1/2000# and #10/1/2002#

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LAB QUALIFIERS:

- * Replicate analysis not within control limits.
- \+ Correlation coefficient for MSA < 0.995.
- \> Result above upper detection limit.
- A TIC is a suspected aldol-condensation product.
- B Inorganic: Result is between the IDL and CRDL. Organic: Analyte also found in method blank.
- C Pesticide result confirmed by GC-MS.
- D Analyte determined in diluted sample.
- E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
- H Holding time expired, value suspect.
- I Increased detection limit due to required dilution.
- J Estimated
- M GFAA duplicate injection precision not met.
- N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compund (TIC).
- P > 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
- S Result determined by method of standard addition (MSA).
- U Analytical result below detection limit.
- W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
- X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.

DATA QUALIFIERS:

- F Low flow sampling method used.
- J Estimated value.
- Q Qualitative result due to sampling technique
- U Parameter analyzed for but was not detected.
- G Possible grout contamination, pH > 9.
- L Less than 3 bore volumes purged prior to sampling.
- R Unusable result.
- X Location is undefined.

QA QUALIFIER: # = validated according to Quality Assurance guidelines.