1991 Annual RCRA Groundwater Monitoring Report for Regulated Units at Rocky Flats Plant

Volume I

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EG&G Rocky Flats, Incorporated

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1991 ANNUAL RCRA GROUNDWATER MONITORING REPORT FOR REGULATED UNITS AT THE ROCKY FLATS PLANT

VOLUME I
TEXT, TABLES, FIGURES,
APPENDIX A-1, AND APPENDIX A-2

March 1, 1992

EG&G ROCKY FLATS, INC.
ENVIRONMENTAL MANAGEMENT DEPARTMENT

TABLE OF CONTENTS

Section		Page
EXECUTIVE SUMMARY		xi
1.0	INTRODUCTION	1-1
1.1	HISTORY OF GROUNDWATER MONITORING AT THE ROCKY FLATS PLANT	1-3
1.2	GROUNDWATER QUALITY ASSESSMENT APPROACH	1-7
1.2.1	Interpretation of the Uppermost Aquifer	1-8
1.2.2	Identification of Downgradient Monitoring Wells	1-8
1.2.3	Groundwater Data Analysis	1-8
2.0	GROUNDWATER MONITORING AT THE SOLAR EVAPORATION PONDS	2-1
2.1	SUMMARY OF PREVIOUS INVESTIGATIONS	2-3
2.1.1	Assessment Groundwater Monitoring Program	2-3
2.1.2	Previous Nature and Extent of Groundwater Contamination	2-4
2.2	UPPERMOST AQUIFER	2-4
2.3	CONCEPTUAL MODEL OF THE GROUNDWATER FLOW SYSTEM	2-5
2.3.1	Potentiometric Surface	2-5
2.3.2	Groundwater Flow Velocities	2-7
2.3.2.1	Groundwater Velocity in Surficial Materials	2-7
2.3.2.2	Groundwater Velocity in Weathered Bedrock	2-7
2.4	GROUNDWATER QUALITY AT THE SOLAR EVAPORATION PONDS	2-8
2.4.1	Statistical Evaluation of Downgradient Groundwater Quality with Respect to Upgradient Groundwater Quality	2-8
2.4.2	Groundwater Quality in the Solar Evaporation Ponds Area	2-10
2.5	CONCLUSIONS	2-13
3.0	GROUNDWATER MONITORING AT THE WEST SPRAY FIELD	3-1
3.1	SUMMARY OF PREVIOUS INVESTIGATIONS	3-1
3.1.1	Alternate Groundwater Monitoring Program	3-1
3.1.2	Previous Nature and Extent of Groundwater Contamination	3-2
3.2	UPPERMOST AQUIFER	3-3
3.3	CONCEPTUAL MODEL OF GROUNDWATER FLOW SYSTEM	3-4
3.4	GROUNDWATER QUALITY	3-5
3.4.1	Statistical Evaluation of Downgradient Groundwater Quality with Respect to Upgradient Groundwater Quality	3-6

TABLE OF CONTENTS
(continued)

Section		Page
	3.4.2 Groundwater Quality Within and Adjacent to the West Spray Field Area	3-7
	3.5 CONCLUSIONS	3-9
4.0	GROUNDWATER MONITORING AT THE PRESENT LANDFILL	4-1
	4.1 SUMMARY OF PREVIOUS INVESTIGATIONS	4-3
	4.1.1 Alternate Groundwater Monitoring Program	4-3
	4.1.2 Previous Nature and Extent of Groundwater Contamination	4-3
	4.2 UPPERMOST AQUIFER	4-5
	4.3 CONCEPTUAL MODEL OF THE GROUNDWATER FLOW SYSTEM	4-6
	4.4 GROUNDWATER QUALITY	4-9
	4.4.1 Statistical Evaluation of Downgradient Groundwater Quality with Respect to Upgradient Groundwater Quality	4-10
	4.4.2 Groundwater Quality in the Present Landfill Area	4-11
	4.5 CONCLUSIONS	4-14
5.0	GROUNDWATER MONITORING ACTIVITIES ASSESSMENT	5-1
	5.1 MONITORING AT THE SOLAR EVAPORATION PONDS	5-2
	5.2 MONITORING AT THE WEST SPRAY FIELD	5-2
	5.3 MONITORING AT THE PRESENT LANDFILL	5-3
6.0	REFERENCES	6-1

LIST OF TABLES

All tables follow Section 6.0.

Table

1-1 Comparison of Hazardous Substance List (HSL), Target Compound List (TCL), and RCRA Appendix IX Constituents

1-2 Chemical Constituents Monitored in Groundwater During 1991

1-3 Background Groundwater Quality Exceedance Values in the Uppermost Aquifer

2-1 Solar Evaporation Ponds Groundwater Monitoring Wells

2-2 Solar Evaporation Ponds - Vertical Hydraulic Gradients Between Surficial Materials and Weathered Bedrock, 1991

2-3 Groundwater Elevation Data Summary for the Solar Evaporation Ponds - Surficial Materials, 1991

2-4 Groundwater Elevation Data Summary for the Solar Evaporation Ponds - Weathered Bedrock, 1991

2-5 Groundwater Quality Statistical Summary for Solar Evaporation Ponds - Surficial Materials, 1991

2-6 Groundwater Quality Statistical Summary for Solar Evaporation Ponds - Weathered Bedrock, 1991

2-7 Statistics for Solar Evaporation Ponds - Analytes with Less than 10% Quantified Results, 1991

2-8 Comparative Statistics for Solar Evaporation Ponds - Analytes with 10% to 50% Quantified Results, 1991

2-9 Comparative Statistics for Solar Evaporation Ponds - Analytes with Greater than 50% Quantified Results, 1991

LIST OF TABLES
(continued)

Table

3-1 West Spray Field Groundwater Monitoring Wells

3-2 Groundwater Elevation Data Summary for the West Spray Field - Surficial Materials, 1991

3-3 Groundwater Quality Statistical Summary for West Spray Field - Surficial Materials, 1991

3-4 Statistics for West Spray Field - Analytes with Less than 10% Quantified Results, 1991

3-5 Comparative Statistics for West Spray Field - Analytes with 10% to 50% Quantified Results, 1991

3-6 Comparative Statistics for West Spray Field - Analytes with Greater than 50% Quantified Results, 1991

4-1 Present Landfill Groundwater Monitoring Wells

4-2 Groundwater Elevation Data Summary for the Present Landfill - Surficial Materials, 1991

4-3 Groundwater Elevation Data Summary for the Present Landfill - Weathered Bedrock, 1991

4-4 Present Landfill Vertical Hydraulic Gradients Between Surficial Materials and Weathered Bedrock, 1991

4-5 Groundwater Quality Satistical Summary for Present Landfill - Surficial Materials, 1991

4-6 Groundwater Quality Statistical Summary for Present Landfill - Weathered Bedrock, 1991

4-7 Statistics for Present Landfill - Analytes with Less than 10% Quantified Results, 1991

LIST OF TABLES
(continued)

Table

4-8 Comparative Statistics for Present Landfill - Analytes with 10% to 50% Quantified Results, 1991

4-9 Comparative Statistics for Present Landfill - Analytes with Greater Than 50% Quantified Results, 1991

LIST OF FIGURES

All figures follow Section 6.0.

Figure

1-1 Upgradient Well to Downgradient Well Statistical Comparisons Flowchart

2-1 Solar Evaporation Ponds Waste Management Area and Monitoring Well Location

2-2 Potentiometric Surface Map, Surficial Materials, First Quarter 1991 (January)

2-3 Potentiometric Surface Map, Surficial Materials, Second Quarter 1991 (April)

2-4 Potentiometric Surface Map, Surficial Materials, Third Quarter 1991 (July)

2-5 Potentiometric Surface Map, Surficial Materials, Fourth Quarter 1991 (October)

2-6 Potentiometric Surface Map, Weathered Bedrock, First Quarter 1991 (January)

2-7 Potentiometric Surface Map, Weathered Bedrock, Second Quarter 1991 (April)

2-8 Potentiometric Surface Map, Weathered Bedrock, Third Quarter 1991 (July)

2-9 Potentiometric Surface Map, Weathered Bedrock, Fourth Quarter 1991 (October)

2-10 Dissolved Uranium-233, 234 in Surficial Materials, 1991

2-11 Dissolved Uranium-233, 234 and Dissolved Uranium-238 in Weathered Bedrock, 1991

2-12 Dissolved Uranium-238 in Surficial Materials, 1991

2-13 Total Americium-241 and Total Plutonium-239, 240 in Surficial Materials, 1991

2-14 Total Americium-241 and Total Plutonium-239, 240 in Weathered Bedrock, 1991

2-15 Nitrate and Nitrite in Surficial Materials, Second Quarter 1991

2-16 Solar Evaporation Ponds Nitrate and Nitrite in Weathered Bedrock, Second Quarter 1991

LIST OF FIGURES
(continued)

Figure

2-17 Volatile Organic Compounds in Surficial Materials, 1991

2-18 Volatile Organic Compounds in Weathered Bedrock, 1991

3-1 Waste Management Area and Monitoring Well Locations

3-2 Potentiometric Surface Map, Surficial Materials, First Quarter 1991 (January)

3-3 Potentiometric Surface Map, Surficial Materials, Second Quarter 1991 (April)

3-4 Potentiometric Surface Map, Surficial Materials, Third Quarter 1991 (July)

3-5 Potentiometric Surface Map, Surficial Materials, Fourth Quarter 1991 (October)

3-6 Volatile Organic Compounds in the Uppermost Flow System, Surficial Materials, 1991

3-7 Radionuclides in the Uppermost Aquifer, Surficial Materials, 1991

3-8 Nitrate and Nitrite in the Uppermost Flow System, Second Quarter 1991

4-1 Present Landfill Area Waste Management Area and Monitoring Wells

4-2 Potentiometric Surface Map, Surficial Materials, First Quarter 1991 (January)

4-3 Potentiometric Surface Map, Surficial Materials, Second Quarter 1991 (April)

4-4 Potentiometric Surface Map, Surficial Materials, Third Quarter 1991 (July)

4-5 Potentiometric Surface Map, Surficial Materials, Fourth Quarter 1991 (October)

4-6 Potentiometric Surface Map, Weathered Bedrock, First Quarter 1991 (January)

4-7 Potentiometric Surface Map, Weathered Bedrock, Second Quarter 1991 (April)

4-8 Potentiometric Surface Map, Weathered Bedrock, Third Quarter 1991 (July)

LIST OF FIGURES
(continued)

Figure

4-9 Potentiometric Surface Map, Weathered Bedrock, Fourth Quarter 1991 (October)

4-10 Volatile Organic Compounds in the Uppermost Flow System, 1991

4-11 Radionuclides in the Uppermost Flow System, 1991

4-12 Total Dissolved Solids in the Uppermost Flow System, Surficial Materials, Second Quarter, 1991

LIST OF PLATES

Plate

1-1 Location of Monitor Wells and RCRA Waste Management Areas

LIST OF APPENDICES

Appendix

A Analytical Data Tables for 1991 Groundwater Quality
- A-1 Solar Evaporation Ponds - Surficial Materials Data Set
- A-2 Solar Evaporation Ponds - Weathered Bedrock Data Set
- A-3 West Spray Field - Surficial Materials Data Set
- A-4 Present Landfill - Surficial Materials Data Set
- A-5 Present Landfill - Weathered Bedrock Data Set

B Upgradient Versus Downgradient Comparative Statistics
- B-1 Solar Evaporation Ponds
- B-2 West Spray Field
- B-3 Present Landfill

C 1991 Field Parameters
- C-1 Solar Evaporation Ponds
- C-2 West Spray Field
- C-3 Present Landfill

D Time-Series Plots for Selected Analytes in Downgradient Wells

EXECUTIVE SUMMARY

The 1991 Resource Conservation and Recovery Act (RCRA) Annual Groundwater Monitoring Report presents 1991 interim status quarterly groundwater monitoring results for the Solar Evaporation Ponds, West Spray Field, and Present Landfill at the Rocky Flats Plant (RFP) in compliance with Colorado Hazardous Waste Act Regulations 6 CCR 1007-3, Subpart F, Section 265.90 for RCRA interim status waste management units. The purpose of the RCRA groundwater monitoring program at RFP is to determine the impact of waste management activities at the RCRA-regulated units on groundwater quality in the uppermost aquifer beneath and hydraulically downgradient of the units. This report also includes an assessment of the current groundwater monitoring activities, an evaluation of the effectiveness of the monitoring program, and recommendations concerning future monitoring activities at the RCRA-regulated units.

This report consists of (1) an assessment of the presence of hazardous waste or hazardous waste constituents associated with each unit in groundwater monitoring wells located hydraulically downgradient of the RCRA-regulated unit and (2) an evaluation of the nature and extent of hazardous waste or hazardous waste constituents within the RCRA-regulated units. The presence of hazardous waste or hazardous waste constituents in groundwater at each RCRA unit was assessed by statistically comparing groundwater quality data from upgradient monitoring wells with data from downgradient monitoring wells. The methodology for statistical comparisons of groundwater quality data followed U.S. Environmental Protection Agency guidance. In contrast, the 1990 Annual RCRA Groundwater Monitoring Report for Regulated Units at Rocky Flats Plant assessed groundwater quality within each RCRA unit by comparing analytical data only to sitewide background values. The nature and extent of contamination was evaluated by assessing the spatial distribution of constituents associated with past waste management practices at each RCRA unit.

The Solar Evaporation Ponds area is currently undergoing groundwater assessment monitoring. Review of water elevation data collected throughout 1991 indicates that groundwater flow from the solar ponds diverges along two major flowpaths: one northeast toward North Walnut Creek and the other east-southeast toward South Walnut Creek. Groundwater quality data from 1991 indicate that the solar ponds contribute inorganic analytes (primarily nitrate/nitrite), total dissolved solids, radionuclides, and volatile organic compounds (VOCs) to downgradient wells screened in surficial materials and weathered bedrock immediately north, east, and southeast of the ponds. The detection of VOCs upgradient of the ponds suggests another potential source of contamination. Elevated levels of nitrate/nitrite, radionuclides, organics, and other analytes detected in alluvial and bedrock wells north and downgradient of the french drain suggest that contaminant migration persists despite the presence of this containment system.

An alternate groundwater monitoring program is underway at the West Spray Field. Groundwater flow in the uppermost aquifer is relatively uniform in an east-northeasterly direction. Groundwater elevations observed in 1991 and the estimated groundwater flow velocity were consistent with those reported in 1989 and 1990. Statistical evaluations of groundwater quality data indicate that the West Spray Field unit may have contributed U-233, 234, dissolved metals (sodium, magnesium, strontium, iron, manganese, and zinc), and inorganic analytes (bicarbonate, nitrate/nitrite, chloride, fluoride, and total suspended solids) to groundwater in surficial materials. Occasional detection of VOCs in monitoring wells at the West Spray Field have not been verified during subsequent analyses.

The Present Landfill is also undergoing alternate groundwater monitoring. Review of groundwater elevation data collected for the landfill in 1991 indicates that groundwater flows easterly through surficial materials within the landfill toward the East Landfill Pond. The groundwater flow regime in weathered bedrock units is similar to that observed in the surficial units. Examination of data collected during 1991 indicates that groundwater quality in downgradient geologic materials and in weathered bedrock beneath the landfill appears unaffected

by the RCRA unit with respect to VOCs, radionuclides, metals, and other inorganic analytes. The Present Landfill is impacting surficial groundwater beneath the unit with increased concentrations of VOCs, radionuclides, metals, and major inorganic ions typical of landfill leachate. The groundwater intercept system appears effective in limiting the migration of contaminants except possibly along the south side. Contaminants detected in monitoring wells south of the Present Landfill may be due to (1) an inadequately functioning groundwater intercept system, (2) emplacement of wastes beyond the limit of the groundwater intercept system, and/or (3) impacts to groundwater associated with individual hazardous substance site Nos. 166.1, 166.2, and 166.3 located adjacent to the landfill.

1.0 INTRODUCTION

This report presents 1991 groundwater monitoring data as required under Colorado Hazardous Waste Act regulations, 6 CCR 1007-3, Subpart F, Section 265.90 for Resource Conservation and Recovery Act (RCRA) interim status waste management units at the Rocky Flats Plant (RFP). These units are currently undergoing closure and include the Solar Evaporation Ponds, West Spray Field, and Present Landfill. Included are available groundwater quality data for the first through fourth quarters of 1991 (Appendix A) and an evaluation of previous data in accordance with 6CCR 1007-3, Part 264.94(b).

The 1991 groundwater quality data presented in this report consist of laboratory analytical results for inorganics (approximately 90 percent complete), metals (approximately 71 percent complete), volatile organics (approximately 92 percent complete), and radionuclides (approximately 46 percent complete). Several wells, located in restricted areas of the plant, were not sampled during the first quarter of 1991 due to security concerns during the Persian Gulf conflict. All 1991 data not included in this report will be presented at a later date as an addendum to this report. Data obtained during 1991 and presented in this report are in the process of being validated in accordance with Environmental Management Program Quality Assurance procedures. At the time this report was prepared, only a small fraction of the data has been validated. Therefore, conclusions made in this report are based on, as yet, unvalidated data and may change as the data are validated. Data obtained prior to 1991 are discussed in this report where necessary, but are presented in other documents referenced in this report.

The regulations contained in Section 265.90 require that a groundwater monitoring program be implemented that is capable of determining the facility's impact on the uppermost aquifer underlying the facility. Implementation of the groundwater monitoring program includes the installation, operation, and maintenance of a groundwater monitoring system that meets the requirements of Sections 265.91 through 265.94. If the owner or operator assumes that groundwater monitoring of indicator parameters in accordance with 265.91 and 265.92 would

show statistically significant increases when evaluated under 265.93(b), the owner/operator may install, operate, and maintain an alternate groundwater monitoring system that satisfies the requirements specified in 265.90(d). Because assumed releases of hazardous constituents have occurred from the West Spray Field and Present Landfill, an alternate groundwater monitoring program as required pursuant to 265.90(d) is ongoing for these units. The Solar Evaporation Ponds area is currently undergoing groundwater assessment monitoring as specified in Section 265.93(d) because it has already been established that the ponds have affected groundwater quality downgradient from the waste management unit.

Interim status groundwater monitoring of each unit will continue until the closure of the unit is certified (6 CCR 1007-3 100.20(c)). The closure plans for the interim status RCRA-regulated units will be prepared in accordance with applicable Colorado Hazardous Waste Regulations and the Interagency Agreement (IAG) through the Interim Measure/Interim Response Action (IM/IRA) process.

The Groundwater Assessment Plan (GWAP) (USDOE, 1992) describes the process for conducting the RCRA interim status groundwater monitoring program for the three RCRA-regulated units at RFP. The GWAP combines the initial GWAP (USDOE, 1989), the Ground Water Assessment Plan Addendum (USDOE, 1990a), and additional information in response to agency comments on these documents. The GWAP integrates the RCRA interim status groundwater monitoring requirements (6CCR 1007-3, Part 265) for the three regulated units with the IAG, the primary governing document for RFP compliance with applicable environmental restoration requirements.

The GWAP outlines methods for determining the following:

- RFP background and upgradient groundwater characteristics
- Whether hazardous waste or hazardous waste constituents have entered the groundwater system from one of the RCRA-regulated units

- The rate and extent of migration of hazardous waste or hazardous constituents in groundwater
- The concentrations of hazardous waste or hazardous waste constituents in groundwater at the regulated units.

The GWAP presents an overview of the current interim status (6 CCR 1007-3, Part 265, Subpart F) groundwater monitoring program. As more information is obtained and as monitoring strategies change or become more specific, revisions will be proposed in the RCRA Annual Reports. Monitoring wells proposed in the GWAP are part of the ongoing RCRA Facility Investigation/Remedial Investigation (RFI/RI) activities governed by the IAG. Recommendations for additional modifications to the monitoring well network beyond those proposed in the GWAP are based on an evaluation of 1991 groundwater data and discussed in Section 5.0 of this document.

1.1 HISTORY OF GROUNDWATER MONITORING AT THE ROCKY FLATS PLANT

Groundwater monitoring for radionuclides and other chemical constituents has been conducted at RFP since the first monitoring wells were installed in 1960. A total of 56 wells were installed at RFP between 1960 and 1985. These wells were routinely sampled for radionuclides. Beginning in 1985, additional analytes such as volatile organics, trace metals, and major ions were added to the sampling routine. Some well completion details for wells installed prior to 1986 do not exist, are incomplete, or are of questionable quality.

In late 1986, Phase I of a comprehensive program of site characterizations, remedial investigations, feasibility studies, and remedial/corrective actions began at RFP. These investigations were initiated pursuant to the U.S. Department of Energy (USDOE) Comprehensive Environmental Assessment and Response Program (CEARP) and a Compliance Agreement finalized by representatives of the USDOE and the U.S. Environmental Protection Agency (USEPA) on 31 July 1986. CEARP is now known as the Environmental Restoration Program.

Phase I investigations included:

- Detailed characterization of groundwater flow and quality in the vicinity of the Solar Evaporation Ponds
- Preparation of the groundwater monitoring and protection section of the RFP RCRA Part B permit application (Rockwell International, 1986a)
- Preparation of closure plans for the Solar Evaporation Ponds, West Spray Field, and Present Landfill
- Preparation of a RCRA Post-Closure Care permit application for regulated units undergoing closure.

Seventy monitoring wells were installed in 1986 to characterize facility-wide hydrogeology and groundwater quality at RFP and to satisfy RCRA Subpart F requirements. The work plan for installation, sampling, and analysis of these wells is presented in the Geological and Hydrological Site Characterization Draft Work Plan for RFP (Rockwell International, 1986b). Groundwater monitoring wells were installed at the Solar Evaporation Ponds, West Spray Field, and Present Landfill as part of the facility-wide characterization program.

An additional 67 wells were installed at RFP in 1987 to characterize groundwater quality and flow at various Individual Hazardous Substance Sites (IHSS) and at the three RCRA-regulated units. The work plans for installation, sampling, and analysis of these wells are presented in the CEARP Installation Generic and Site Specific (Remedial Investigation) Work Plans (USDOE, 1987a and b).

A total of 160 wells and piezometers were installed in 1989. Of these, 53 wells were installed at the RCRA-regulated units. Over half of the 53 wells (32) were installed in the Solar Evaporation Ponds area. Of the remaining 21 wells, 13 wells were installed in the Present Landfill and 8 wells were installed in the West Spray Field during 1989.

Routine quarterly sampling of monitoring wells at RFP is initiated immediately upon their completion and development. In general, the 1986 and 1987 wells were sampled once during the year they were installed and quarterly in subsequent years. The 1989 wells were added to the monitoring program upon completion; however, the initial sampling effort began in August 1989 and extended through October 1989. The 1989 wells were not resampled again in 1989. As a result, the samples that were collected in 1989 are considered to be fourth quarter samples, even though some wells were sampled during the third quarter of 1989. Water level measurements were obtained from each 1989 well during September and again prior to sampling. Monthly water level measurements were not taken.

Groundwater at RFP has been analyzed for the USEPA Contract Laboratory Program Hazardous Substance List (HSL), Target Compound List (TCL), and Target Analyte List (TAL), as well as other inorganic and radiochemical parameters. The TCL and TAL superseded the HSL in late 1988. A comparison of the HSL and TCL lists to the RCRA Appendix IX Groundwater Monitoring List (40 CFR Part 264, Appendix IX) is shown in Table 1-1. Groundwater samples will be analyzed annually for the Appendix IX list for regulated units in compliance monitoring (Solar Evaporation Ponds) once a Post-Closure Care Permit is issued. During 1986, groundwater samples were analyzed for HSL volatile organics, semivolatile organics, and metals as well as major ions and radionuclides. An on-site Rockwell International laboratory performed analyses in 1987 and 1988. During the first three quarters of 1987, the volatile organic analyte list was reduced to the nine volatile compounds previously detected in groundwater at RFP: tetrachloroethene (PCE), trichloroethene (TCE), 1,1-Dichloroethene (1,1-DCE), 1,2-Dichloroethane (1,2-DCA), 1,2-Dichloroethene (1,2-DCE), 1,1,1-Trichloroethane (1,1,1-TCA), 1,1,2-Trichloroethane (1,1,2-TCA), carbon tetrachloride (CCl_4), and chloroform ($CHCl_3$). During the fourth quarter of 1987, the Rockwell International laboratory obtained a gas chromatograph/mass spectrometer and began analyzing for HSL volatile organic compounds (VOCs). The current (1991) groundwater monitoring analytical suite is shown in Table 1-2. Other changes in the historical analytical program are identified in the table. The analytical suite

during 1991 is identical to the 1990 analytical suite, except that during 1991 americium-241 (Am-241), plutonium-239, 240 (Pu-239, 240), and cesium-137 (Cs-137) were analyzed for total rather than dissolved concentrations.

The unconfined water table in surficial materials at RFP is dynamic; thus, some wells are dry upon inspection for quarterly sampling, and no sample is collected. At other times there is insufficient water in wells to analyze for the entire parameter list. When this situation occurred prior to the summer of 1989, sample collection was prioritized as follows:

- VOCs
- Plutonium, uranium, and americium
- Nitrate
- Metals
- Other major ions
- Other radionuclides.

During the fourth quarter 1989 sampling effort, the priority list for low production wells was modified as follows:

- VOCs
- Plutonium and uranium
- Major ions
- Nitrate
- Gross alpha and gross beta
- Metals
- Strontium
- Cesium
- Tritium
- Americium
- Cyanide.

During the first quarter 1990 sampling effort, the priority list for low production wells was further modified as follows:

- VOCs
- Inorganics
- Nitrate
- Gross alpha, gross beta, uranium
- Dissolved metals
- Total metals
- Plutonium and americium
- Tritium
- Cesium, radium, and strontium
- Cyanide
- Orthophosphate.

Sampling and analysis records are maintained quarterly in compliance with 6 CCR 1007-3 and 40 CFR 265.94(b). Annual reports compiled in March 1988, March 1989, and March 1990, and quarterly reports beginning with the first quarter of 1991 describe groundwater elevations, groundwater flow rates, and include the results of groundwater quality analyses for the previous sampling year (Rockwell International, 1988 and 1989; USDOE, 1990b and 1991a).

1.2 GROUNDWATER QUALITY ASSESSMENT APPROACH

The purpose of the RCRA groundwater monitoring program at RFP is to determine the impact of regulated units on groundwater quality in the uppermost aquifer beneath and hydraulically downgradient of the units. The interpretation of the uppermost aquifer, identification of unit-specific upgradient and downgradient monitoring wells, and methods of groundwater data analysis to evaluate impacts are discussed below.

1.2.1 Interpretation of the Uppermost Aquifer

The term aquifer is defined in 40 CFR B 260.10 and 6 CCR 1007-3 Section 260.10 as a geologic formation, group of formations, or a part of a formation that is capable of yielding a significant amount of water to a well or a spring. For the purposes of the GWAP and this Annual RCRA Groundwater Monitoring Report, the uppermost aquifer is considered to be the unconfined saturated zones of the unconsolidated and consolidated water-bearing strata.

The near-surface materials at RFP consist of Rocky Flats alluvium, valley fill alluvium, colluvium, bedrock sandstones, and weathered and unweathered claystones of the Laramie and Arapahoe Formations.

1.2.2 Identification of Downgradient Monitoring Wells

At RFP, the three RCRA-regulated units are sufficiently far apart that groundwater monitoring at a downgradient boundary encircling all units would not provide for immediate detection of releases from the individual units. Therefore, each regulated unit has its own set of upgradient and downgradient monitoring wells including at least one upgradient and three downgradient monitoring wells. The wells used at each unit are discussed in the section for each respective unit.

1.2.3 Groundwater Data Analysis

The major objectives of the data analysis component of this report are to verify the following:

- The presence of hazardous waste or hazardous waste constituents in the groundwater
- The rate and extent of migration of the hazardous waste or hazardous waste constituents in the groundwater
- The concentrations of hazardous waste or hazardous waste constituents in groundwater (6 CCR 1007-3 265.93(a)).

This report contains groundwater elevation maps, groundwater quality maps, chemical concentration isopleth maps, analytical data tables, and statistical analyses. The statistical analyses evaluate potential contamination in groundwater monitoring wells located downgradient of each RCRA-regulated unit. The maps and tables summarize the spatial and temporal variability of groundwater elevations and contaminant concentrations within and adjacent to the RCRA-regulated Units. All new data were reviewed to determine whether significant changes in flow direction, flow velocity, or contaminant concentrations have occurred since the 1990 sampling period.

Groundwater elevation maps were plotted for all four quarters of 1991. Maps were completed for both the saturated surficial materials and weathered bedrock in the Solar Evaporation Ponds and the Present Landfill. Water level maps were not plotted for the weathered bedrock in the West Spray Field due to the limited number of control points in that zone. These maps were used to determine groundwater flow directions and the magnitude of hydraulic gradients that were used to calculate groundwater flow velocities. Alluvial and weathered bedrock water levels were compared to define general areas of recharge and discharge between the two units.

Analyte distribution maps were plotted for infrequently detected analyte groups: radionuclides and VOCs. These maps present all detections of radionuclides and VOCs in the uppermost aquifer during 1991 for each of the RCRA-regulated units. Chemical concentration isopleth maps were constructed for selected analytes that best illustrate the extent of contamination associated with each RCRA unit and for which sufficient data existed to construct reasonably accurate concentration contours.

Time-series plots showing analyte concentration versus time were prepared for selected analytes in downgradient wells at each of the RCRA units. These plots are included in Appendix D. Analytes of interest were selected primarily on the basis of their occurrence associated with historical waste management practices within each unit and the amount of quantified

observations. Time-series plots were used, to the extent possible, in the interpretation of groundwater chemistry and solute migration. However, the time-series plots were generally of limited value for the following reasons:

- Several downgradient wells lack a sufficient number of quantified results (detections) for numerous analytes to construct meaningful time-series plots.
- Changes in the detection limits for several analytes limited the number of quantified results available to assess time trends.
- Variability in the concentrations of analytes prevented any reasonable interpretation of time trends.
- In an individual well, analytes with similar geochemical behavior in groundwater displayed different trends in the time-series plots.
- An apparent trend for an analyte in one well was inconsistent with or contradicted the trend observed for the same analyte in a nearby well.

Due to these factors, the interpretations of contaminant distribution and migration in this report do not rely on these time-series plots to any great degree.

An attempt was made to construct control charts for intra-well comparisons of all analytes in the downgradient wells at each RCRA unit. Control charts are used to monitor the inherent statistical variation of the analytical data collected within individual wells and to identify anomalous results suggesting contamination. However, insufficient data were available to meet the criteria recommended by the USEPA (USEPA, 1989) for constructing statistically valid control charts. These criteria require a minimum of four quarters of historical data to establish statistical parameters required to construct the control chart (i.e., the reference value, k, the CUSUM decision interval, and the Shewhart control limit) and eight consecutive quarters of data to establish a statistically valid population size for evaluation in the control chart. Historical data are incomplete, and some data were not available during 1991 due to the following:

- Data (typically fourth quarter) were not yet received from the analytical laboratory
- A well was dry during one or more quarters
- Selected wells in the Protected Area were not sampled during the first quarter due to security concerns during the Persian Gulf conflict
- Only 30 percent of the available analytical data have been validated using quality assurance/quality control (QA/QC) methods.

Control charts will be prepared when sufficient validated data exist to construct statistically valid charts.

Statistical Evaluations

The impact that each RCRA-regulated unit has on groundwater quality in the uppermost aquifer is assessed by comparing water quality upgradient of the unit with that downgradient of the unit. In the 1990 Annual RCRA Groundwater Monitoring Report for Regulated Units at Rocky Flats Plant (USDOE, 1991a), groundwater quality data from each RCRA well in a regulated unit were compared with sitewide background values calculated from groundwater quality data obtained from sitewide background wells. Sitewide background groundwater quality exceedance values, calculated at the 5 percent significance level, were listed in Table 1-3 of the 1990 report. The sitewide background wells are predominantly upgradient of the plant's industrial facilities and are unaffected by plant activities, providing samples that are representative of background groundwater quality for the entire plant site. This table is included in the 1991 report (again as Table 1-3) for reference purposes and to compare with 1991 data, where appropriate. Analytical data from all RCRA wells in a regulated unit exceeding the sitewide background tolerance interval were listed in exceedance tables in the 1990 report, including Tables 2-5, 3-5, and 4-5, respectively, for the Solar Evaporation Ponds, West Spray Field, and Present Landfill. This approach assessed groundwater quality within each RCRA unit, as compared with plant site background.

In this report, groundwater quality data from monitoring wells located hydraulically upgradient of each RCRA unit are compared with groundwater quality data from monitoring wells located downgradient of that unit. This provides a better qualitative and quantitative assessment of potential contaminants being released downgradient into the uppermost aquifer by the regulated unit. Each unit has at least one upgradient and three downgradient monitoring wells suitable for making statistical comparisons. The wells used and well selection criteria at each unit are discussed in the section for each respective unit.

Statistical Methods

Selection of statistical methods to make upgradient to downgradient groundwater quality comparisons is based in part on recommendations made in Interim Final Guidance for Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities (USEPA, 1989). Figure 1-1 presents a flowchart for the process used to select the appropriate statistical procedure. The flowchart is used for each analyte at each regulated unit.

The initial step requires the determination of the percentage of quantified results versus nondetected results. If the proportion of detections (quantified results) in the data is less than 10 percent, individual analyte concentrations are reported for downgradient wells that exceed the detection limit for a particular analyte. Detection of an analyte in a downgradient well under these circumstances may suggest migration of that analyte downgradient of the RCRA unit.

If the proportion of detections (quantified results) is greater than 10 percent, but less than 50 percent, a test of proportions is conducted to determine whether a statistically significant difference exists between the proportion of detected values in the upgradient well observations and downgradient well observations. The test of proportions is a two-tailed test using the standard normal distribution at a 95 percent level of confidence (i.e., 5 percent level of significance). The critical values obtained from the standard normal distribution are ±1.96. Using the procedure, the Z statistic is calculated for each analyte.

If the value of Z is less than -1.96, then the proportion of downgradient well samples that were detected are statistically greater than the proportion of detected upgradient samples. This may be interpreted as evidence of possible contamination in the downgradient wells. If the value of Z is greater than +1.96, then the proportion of upgradient well samples that were detected are statistically greater than the proportion of detected downgradient well sampler. This may be interpreted as a possible source of contamination upgradient of the unit.

If the proportion of quantified results is greater than 50 percent (nondetects are less than 50 percent), an analysis of variance (ANOVA) procedure is performed. ANOVA is the name given to a wide variety of statistical procedures that compare the means of different groups of observations to determine whether there are any significant differences among the groups. The two groups in this case are the upgradient analyte concentrations and the downgradient analyte concentrations in the groundwater monitoring wells.

The distribution of the data is then determined and data are log transformed if an assessment shows they are not normally distributed. For those analytes with a normal or log-normal distribution, nondetects are replaced with half the detection limit to perform the statistical analysis. This is consistent with USEPA guidance (USEPA, 1989). A parametric, one-way ANOVA test is performed on the normal or log-normal data. These tests provide an evaluation of the difference in mean analyte concentrations between the upgradient and downgradient monitoring wells. A statistically significant difference at the 5 percent significance level (i.e., where the probability value is less than 0.05) is indicative of downgradient contamination, when the analyte concentration in the downgradient wells exceed analyte concentrations in the upgradient wells.

Those analytes that are neither normally nor log-normally distributed are analyzed with a nonparametric one-way ANOVA test. The Kruskal-Wallis test is used to test for a statistically significant difference in analyte concentrations between the upgradient and downgradient wells.

The test uses the ranks of the observations to determine if some of the wells tend to have higher concentrations than other wells. If the upgradient wells have a significantly smaller sum of scores than expected, there is evidence of downgradient contamination.

In addition to statistical comparisons of upgradient versus downgradient groundwater quality data, statistical summaries were prepared for each analyte at each monitoring well. Statistical parameters (number of samples, mean, median, standard deviation, etc.) are listed in tables for each RCRA unit.

2.0 GROUNDWATER MONITORING AT THE SOLAR EVAPORATION PONDS

The Solar Evaporation Ponds area is located on the northeast side of the Protected Area (PA) at RFP (Plate 1-1). The Solar Evaporation Pond waste management unit includes Ponds 207-A, 207-B North, 207-B Center, 207-B South, 207-C, and the french drain system associated with the Solar Evaporation Ponds (Figure 2-1). A detailed description of the purpose, construction, and operation of the ponds and the french drain system is presented in the Closure Plan for the Solar Evaporation Ponds (USDOE, 1988). The Solar Evaporation Ponds were constructed primarily to store and treat low-level radioactive process wastes containing high concentrations of nitrates through evaporation. Pond 207-A was placed in service in August 1956; Ponds 207-B North, Center, and South were placed in service in June 1960; and Pond 207-C was placed in service in December 1970 (USDOE, 1988).

Pond 207-A previously contained liquid with high concentrations of nitrate, metals, and radionuclides that were approximately two orders of magnitude more concentrated than those in Ponds 207-B North and Center. Specifically, Pond 207-A liquid was characterized by high levels of aluminum, chromium, copper, iron, potassium, sodium, nickel, tin, plutonium, americium, uranium, tritium, and nitrates. Pond 207-A liquid was generally more contaminated than Pond 207-C except for plutonium and americium. The liquid had particularly high levels of chromium and nickel and an alkaline pH ranging from 8.3 to 11.0. Pond 207-A sludge analyses showed high levels of nitrates, metals, and radionuclides similar to the pond liquids. In addition to the high analyte concentrations found in the liquid, calcium and magnesium were also found in high concentrations in the sludge (USDOE, 1988). At present, Pond 207-A is nearly empty and the sludge has been removed. It contains water transferred from the 207-B series ponds, and water derived from incident precipitation (USDOE, 1988).

Ponds 207-B North, Center, and South contained process wastes until 1977 when the ponds were cleaned and the linings replaced. Since 1977 these ponds have held treated sanitary effluent, treated water from the reverse osmosis facility, backwash brine from the reverse osmosis facility,

and groundwater pumped back from the Solar Evaporation Ponds' french drain system. Ponds 207-B North and Center generally have low concentrations of nitrates, metals, and radionuclides. Metal concentrations in the pond liquids were at or below drinking water standards during the same time period (USDOE, 1988). All 207-B ponds are currently used to store intercepted groundwater collected by the french drain system north of the ponds.

Pond 207-C was constructed to provide additional storage capacity and to enable the transfer and storage of liquids from the other ponds while the latter were repaired. Pond 207-C contaminants are approximately two orders of magnitude more concentrated than those in Pond 207-B North and Center for nitrate, metals, and radionuclides. Pond 207-C liquid is generally less contaminated than the analyzed liquids in Pond 207-A, except for plutonium and americium, whose concentrations are approximately ten times higher in Pond 207-C. Pond 207-C is currently used for emergency storage only (USDOE, 1988).

A french drain system was constructed on the hillside north of the Solar Evaporation Ponds to prevent natural groundwater seepage and pond leakage from entering North Walnut Creek (Figure 2-1). This system was constructed in stages during the 1970s. Liquid collected in the system flows by gravity to the french drain pump house and is then pumped to the 207-B ponds (USDOE, 1988).

The Solar Evaporation Ponds area is being closed in accordance with the IAG (through the IM/IRA process) and applicable Colorado Hazardous Waste Regulations. Post-closure inspection, maintenance, and monitoring of the Solar Evaporation Ponds will be conducted in compliance with 6 CCR 1007-3 Part 264 (40 CFR Part 264).

2.1 SUMMARY OF PREVIOUS INVESTIGATIONS

2.1.1 Assessment of Groundwater Monitoring Program

An assessment groundwater monitoring program is being implemented at the Solar Evaporation Ponds area, in accordance with 6 CCR 1007-3 and 40 CFR Part 265.93(d). The GWAP summarizes the history of previous site-specific hydrogeologic investigations, monitoring well installation programs, the sampling and analytical plans, and evaluation procedures that assess the groundwater monitoring program at the Solar Evaporation Ponds area. Also included were procedures and techniques for sample collection, sample preservation and shipment, analytical procedures, and custody control.

Table 2-1 presents a summary of the 62 groundwater monitoring wells in the Solar Evaporation Ponds area during 1991. There are 29 alluvial wells. Thirteen are screened in Rocky Flats alluvium, nine in colluvium, and seven in Rocky Flats valley fill alluvium. Bedrock wells total 33; 18 wells are screened in weathered claystone, five in weathered sandstone, and ten in unweathered sandstone.

Because pre-1986 Wells 0260 and 0460 lack adequate construction documentation and because groundwater elevation data from these wells are not consistent with groundwater data collected from the post-1986 wells, data for these wells were not used in the construction of the groundwater elevation maps or in the groundwater quality evaluations. However, data for these wells are included in Tables 2-2, 2-3, and Appendix A.

Groundwater samples were analyzed for the parameters listed in Table 1-2. Sampling and analysis records are maintained in compliance with 6 CCR 1007-3 and 40 CFR 265.94(b). Annual reports were compiled in March 1989, March 1990, and March 1991 that describe groundwater elevations, and groundwater flow rates and include the results of 1988, 1989, and 1990 groundwater sample analyses, respectively (Rockwell, 1989a; USDOE, 1990a; USDOE, 1991a).

2.1.2 Previous Nature and Extent of Groundwater Contamination

Previous hydrogeologic investigations of the Solar Evaporation Ponds have shown that the ponds have contaminated alluvial groundwater migrating to the north, northeast, and southeast into the Walnut Creek drainages.

Downgradient contaminants north and east of the Solar Evaporation Ponds include total dissolved solids, nitrates, sulfate, sodium, radionuclides including uranium and tritium, volatile organic compounds, dissolved metals, total suspended solids, and inorganics. High levels of nitrate/nitrite, radionuclides, and organics, as well as other analytes, in alluvial and bedrock wells downgradient located to the east and north of the Solar Evaporation Ponds and french drain system suggest that the containment system may not completely prevent contaminant migration to groundwater north of the ponds. Elevated levels of total dissolved solids, nitrates, sulfate, sodium, dissolved radionuclides, volatile organic compounds, metals, inorganics, and total suspended solids were found in groundwater within and adjacent to the solar ponds area. These contaminants, with the exception of total suspended solids, were also found at elevated levels upgradient of the Solar Evaporation Ponds. Groundwater in the unconfined bedrock also appears impacted by the ponds. Subcropping sandstones occur in the area; however, the extent of these sandstones and the degradation in groundwater quality within them is not fully characterized at this time (USDOE, 1990b).

2.2 UPPERMOST AQUIFER

The uppermost aquifer in the Solar Evaporation Ponds area is composed of two units. The first unit contains saturated surficial materials: Rocky Flats alluvium, colluvium, and Rocky Flats valley fill alluvium. The second unit includes weathered bedrock present beneath the waste management area.

Confined hydrostratigraphic units consisting of unweathered claystone and sandstone are not considered part of the uppermost aquifer because they are not in direct hydraulic connection with

the uppermost aquifer and because these unweathered units have relatively low hydraulic conductivities.

2.3 CONCEPTUAL MODEL OF THE GROUNDWATER FLOW SYSTEM

Groundwater flow occurs in the surficial materials and weathered bedrock portions of the uppermost aquifer in the Solar Evaporation Ponds area. In the surficial materials, groundwater flows to the northeast, east, and east-southeast. In weathered bedrock claystones, like surficial materials, groundwater flow is also to the northeast, east, and east-southeast. The groundwater flow direction(s) within weathered sandstone units underlying the Solar Evaporation Ponds has not been fully characterized. Characterization of the flow direction(s) in these units will be performed as part of the Phase II RFI/RI for the Solar Evaporation Ponds (Operable Unit No. 4). At the present time, the flow direction in weathered sandstones is assumed to be consistent with the predominantly easterly flow direction observed on a regional scale by Robson et al. (1981). Details of the groundwater flow directions are discussed below in Section 2.3.1. Unconfined groundwater flow in the Solar Evaporation Ponds area is influenced by (1) recharge by precipitation, (2) leakage from the ponds, (3) drainage into the french drain system, and (4) subcropping channel geometries.

Table 2-2 presents vertical hydraulic gradients between surficial materials and weathered bedrock for seven well pairs. Calculated vertical gradients reveal downward saturated flow between surficial materials and weathered bedrock. Water levels used for the calculations were obtained from Tables 2-3 and 2-4, which summarize groundwater elevation data measured in 1991.

2.3.1 Potentiometric Surface

The potentiometric surface in surficial materials for the Solar Evaporation Ponds area during the first, second, third, and fourth quarters of 1991 are presented in Figures 2-2, 2-3, 2-4 and 2-5, respectively. First quarter and late second quarter 1991 represent the low and high flow regimes, respectively, for surficial materials in the vicinity of the Solar Evaporation Ponds. On the

average, 1991 water levels varied from approximately 1 foot (ft) to as much as 7 ft between quarters. Historically, this flow regime closely parallels the flow regime observed in first through fourth quarters of 1990 (USDOE, 1991a). Water level data for first through fourth quarters 1991 are presented in Table 2-3. Data from 1990 have revealed that two principal flow paths exist from the Solar Evaporation Ponds: one to the northeast towards North Walnut Creek, and the other to the east-southeast towards Walnut Creek. Alluvial groundwater enters the Solar Evaporation Ponds area from the west and flows predominantly to the northeast or east-southeast from the ponds area. Downgradient of the ponds to the north, most of the colluvial materials on the hill slope were removed during construction of the ponds and the french drain system. Alluvial groundwater in this area seeps into weathered bedrock where it is collected by the french drain system or evapotranspires. North Walnut Creek and the Solar Evaporation Ponds waste management area are generally separated by a region of unsaturated colluvium or the absence of surficial materials above the water table. Although this region is extensive north of the ponds, flow toward North Walnut Creek is evident northeast of the ponds from Wells P208889 and P209589 towards Well B208289 (Figures 2-2 to 2-5). Additionally, small regions of unsaturated surficial materials are evident during first and third quarters west, east, and south of the ponds.

First through fourth quarter potentiometric surface maps for weathered bedrock materials (Figures 2-6, 2-7, 2-8, and 2-9) show groundwater flowing to the northeast and east-southeast from the ponds area. Water levels taken during 1991 indicate that for the most part, the third quarter represents the low flow regime, while the late first quarter and early second quarter exemplify the high flow regime (Table 2-4). The groundwater flow regime within weathered bedrock differs from that in surficial materials. Water levels in weathered bedrock show a variation of as much as 41 ft between these quarters during 1991. A region of unsaturated weathered bedrock exists north of the Solar Evaporation Ponds area, but is not extensive enough to prevent flow into North Walnut Creek. Flow downgradient into North Walnut Creek also occurs northeast of the waste management area.

2.3.2 Groundwater Flow Velocities

Groundwater flow velocities for saturated materials in the Solar Evaporation Ponds area are presented below. Migration rates for conservative dissolved solutes could equal the average linear groundwater flow velocity. However, attenuated, volatile, biodegraded, or redox sensitive species would exhibit migration rates less than the average linear groundwater flow velocity.

2.3.2.1 Groundwater Velocity in Surficial Materials

An average linear groundwater flow velocity of 0.72 foot per year (ft/yr) east-southeast from the Solar Evaporation Ponds toward South Walnut Creek was estimated based on water level data from the third quarter of 1991. The hydraulic conductivity for the east-southeast flow path, based on a geometric mean of hydraulic conductivity values taken from the Groundwater Assessment Addendum (USDOE, 1990a), is 1.2×10^{-6} centimeters per second (cm/sec). The assumed effective porosity is 0.1, as used in calculations from the 1990 report (USDOE, 1991a). The horizontal hydraulic gradient along the southeast flow path is 0.06 foot per foot (ft/ft).

The average linear groundwater flow velocity along the northeast flow path toward North Walnut Creek was calculated as 1.2 ft/yr. This is based on a hydraulic conductivity of 1.2×10^{-6} cm/sec, an assumed effective porosity of 0.1 (USDOE, 1991a), and a horizontal hydraulic gradient of 0.10 ft/ft in the third quarter of 1991. The flow velocity of 1.2 ft/yr calculated for the northeast flow path during 1991 differs from the flow velocity of 2.0 ft/yr calculated during 1990. The difference in flow velocities between 1990 and 1991 are due to changes in the potentiometric surface.

2.3.2.2 Groundwater Velocity in Weathered Bedrock

An average linear groundwater flow velocity of 0.16 ft/yr east-southeast from the south side of the solar ponds toward South Walnut Creek was calculated based on water level data from the third quarter 1991. The hydraulic conductivity for weathered bedrock was calculated as a geometric mean of hydraulic conductivity measurements obtained from packer tests in weathered

claystone of the Arapahoe Formation (USDOE, 1990b). The hydraulic conductivity calculated is 3.9 x 10^{-7} cm/sec. The assumed effective porosity is 0.1. The average hydraulic gradient along the east-southeast flow path is 0.04 ft/ft.

The northeast flow path toward North Walnut Creek yields a flow velocity of 0.29 ft/yr during the third quarter of 1991. This is based on assumptions that include a hydraulic conductivity of 3.9 x 10^{-7} cm/sec, an effective porosity of 0.1, and a horizontal hydraulic gradient of 0.075 ft/ft.

2.4 GROUNDWATER QUALITY AT THE SOLAR EVAPORATION PONDS

Groundwater quality for 1991 surficial materials and weathered bedrock are presented in Appendices A-1 and A-2. Tables 2-5 and 2-6 list the statistical parameters (mean, median, standard deviation, etc.) for each analyte in surficial and weathered bedrock groundwater, respectively, at the Solar Evaporation Ponds area.

2.4.1 Statistical Evaluation of Downgradient Groundwater Quality with Respect to Upgradient Groundwater Quality

Groundwater quality data from monitoring wells located hydraulically upgradient of the Solar Evaporation Ponds were statistically compared with groundwater quality data from monitoring wells located hydraulically downgradient of the Solar Evaporation Ponds to assess contaminant releases into the uppermost aquifer. Statistical comparisons were made following the methodology discussed in Section 1.2.3. Statistical calculations are presented in Appendix B-1 and summarized in Tables 2-7, 2-8, and 2-9. In contrast, the 1990 Annual RCRA Groundwater Monitoring Report for Regulated Units at the Rocky Flats Plant (USDOE, 1991a) assessed groundwater quality within each RCRA unit by comparing it only to sitewide background values. Statistical tests were performed on groundwater quality results from hydraulically downgradient Wells P207689, P207889, P209789, P208089, 1786, P210089, and B210489, and hydraulically upgradient Wells P209389, P207389, and P207489.

Table 2-7 presents individual analytes with less than 10 percent detections in downgradient wells. In this case, concentrations of analytes in downgradient wells which exceed their appropriate detection limit are used for data comparison. This table is not a statistical comparison; rather, it presents analytes that are infrequently detected. Analytes infrequently detected downgradient include barium detected in Well 1786 and nickel, silver, and aluminum in Wells P210089 and B210489. Concentrations of these dissolved metals are shown in Table 2-7.

For analytes with between 10 to 50 percent detections (Table 2-8), a test of proportions indicates that the proportion of detections of antimony, cadmium, and lithium is statistically greater in downgradient wells compared to upgradient wells. This may be interpreted as evidence of downgradient contamination past the RCRA unit boundary for these three analytes.

For analytes with greater than 50 percent detections for a particular analyte, ANOVA was performed to determine whether there are significant statistical differences in groundwater quality between the upgradient wells and the downgradient wells. Analytes showing statistically significant differences between the two well groups include gross alpha, uranium-233, 234 and uranium-238 (U-233, 234 and U-238), calcium, magnesium, sodium, nitrate/nitrite, specific conductance, sulfate, total dissolved solids, and total suspended solids (Table 2-9).

At the Solar Evaporation Ponds, methylene chloride and acetone occur with some frequency (10 to 50 percent quantified results) in groundwater monitoring wells. However, the statistical analysis (test of proportions) indicates that there is no significant different between the upgradient and downgradient occurrence of these analytes. Therefore, the presence of these compounds in groundwater is not likely due to a release from the Solar Evaporation Ponds area. The occurrence of methylene chloride and acetone may be due to an upgradient source or to contamination of the samples during laboratory analysis. Methylene chloride and acetone have been recognized by the USEPA as common laboratory contaminants.

2.4.2 Groundwater Quality in the Solar Evaporation Ponds Area

Groundwater quality data for surficial materials and weathered bedrock in the Solar Evaporation Ponds during 1991 are tabulated in Appendices A-1 and A-2, respectively. Selected analytes are depicted in Figures 2-10 through 2-18. Analytes were selected for mapping based on the history of the waste operations at the unit, the occurrence of the analyte in downgradient wells during 1991, and the frequency of detections during 1991.

Detected concentrations of U-233, 234 for the 29 wells screened in surficial materials and 23 wells screened in weathered bedrock during 1991 are shown in Figures 2-10 and 2-11, respectively. Concentrations for U-233, 234 in surficial materials range from 2.13 to 105.2 picocuries/liter (pCi/l); and 0.40 to 102.1 pCi/l in weathered bedrock. Concentrations are greatest directly north of the evaporation ponds (i.e., along the north flow path). Additionally, high concentrations were observed in surficial groundwater monitoring wells north of the french drain along North Walnut Creek. To the southeast, concentrations of U-233, 234 in surficial groundwater monitoring wells ranged from 2.19 to 27.3 pCi/l during 1991. In general, higher concentrations of U-233, 234 occurred in wells immediately adjacent to the evaporation ponds to the north, east, and southeast, hydraulically downgradient of the unit.

In groundwater in weathered bedrock, concentrations of U-233, 234 are again greatest directly north of the evaporation ponds (33.91 to 102.1 pCi/l), and were also observed in wells north of the french drain along North Walnut Creek. U-233, 234 concentrations ranged from 2.01 to 68.63 pCi/l within and immediately adjacent to the evaporation ponds. Concentrations of U-233, 234 were also observed in groundwater directly south of the evaporation ponds. The highest concentrations of U-233, 234 in weathered bedrock are found due north of the solar evaporation ponds, on both sides of the french drain.

Detected concentrations of U-238 for the 29 wells screened in surficial materials and 23 wells screened in weathered bedrock during 1991 are shown in Figure 2-12. Concentrations of U-238

in groundwater in surficial materials ranged from 1.61 to 74.7 pCi/l; and 0.23 to 67.79 pCi/l in weathered bedrock. U-238 concentrations in surficial materials are greatest in one well (74.7 pCi/l) on the eastern boundary of the evaporation ponds, and in wells on the northern side of the french drain and directly north of the evaporation ponds (1.1 to 41.61 pCi/l). To the east and southeast, U-238 concentrations in surficial groundwater ranged from 1.66 to 19.71 pCi/l. U-238 was also observed in wells immediately south of the solar evaporation ponds. U-238 concentrations in weathered bedrock groundwater monitoring wells are also highest directly north of the Solar Evaporation Ponds, and on the northern side of the french drain (2.55 to 67.79 pCi/l). Immediately east of the evaporation ponds, U-238 concentrations ranged from 23.27 to 41.19 pCi/l. Concentrations south of the Solar Evaporation Ponds ranged from 1.24 to 17.57 pCi/l in weathered bedrock groundwater monitoring wells. In general, the highest concentrations of U-238 are found immediately north and adjacent to the evaporation ponds.

Am-241 (total) and Pu-239, 240 (total), a degradation product of Am-241, were not frequently detected in wells within and adjacent to the Solar Evaporation Ponds. Isopleth maps were not created for these two analytes because of infrequent detections. However, the distributions of these analytes are shown in Figures 2-13 and 2-14. Am-241 (total) and Pu-239, 240 (total) were each detected in four wells screened in surficial materials. Am-241 (total) and Pu-239, 240 (total) were detected in one well and two wells, respectively, in weathered bedrock during 1991. Concentrations in surficial materials for Am-241 (total) range from 0.01 to 0.13 pCi/l, and from 0.01 to 0.05 pCi/l in weathered bedrock. Concentrations of Pu-239, 240 (total) in surficial groundwater ranged from 0.01 to 0.38 pCi/l, and from 0.01 to 0.23 pCi/l in weathered bedrock.

Concentrations of Am-241 (total) are highest immediately east of the evaporation ponds where a concentration of 0.13 pCi/l was observed in groundwater in surficial materials. The highest Pu-239, 240 (total) concentration (0.23 pCi/l) was observed in weathered bedrock and immediately west of the evaporation ponds.

Nitrate/nitrite was detected during 1991 in 21 surficial groundwater monitoring wells and 19 weathered bedrock groundwater monitoring wells (Figures 2-15 and 2-16). Nitrate/nitrite appears to be a reasonable indicator of contaminant migration because of its historical presence in the solar ponds liquids, its high mobility in groundwater, and its elevated levels in groundwater downgradient of the ponds. Isopleth maps were created for nitrate/nitrite occurrences in surficial materials and weathered bedrock for second quarter 1991. In surficial materials, nitrate/nitrite concentrations are highest in monitoring wells north of the french drain along North Walnut Creek. Nitrate/nitrite concentrations in this area range from 0.1 to 520 milligrams per liter (mg/l). To the southeast, nitrate/nitrite was detected in surficial materials at concentrations ranging from 0.05 to 39 mg/l during 1991. Nitrate/nitrite was detected in concentrations ranging from 4.3 to 90 mg/l in surficial materials directly south of the Solar Evaporation Ponds. Nitrate/nitrite concentrations are highest directly north of the Solar Evaporation Ponds in weathered bedrock wells located due south of the french drain. In this area, concentrations in the second quarter range from 2.0 to 2,700 mg/l (nitrate concentrations in this area are as high as 5,600 mg/l in the fourth quarter). Nitrate/nitrite concentrations in weathered bedrock east and southeast of the evaporation ponds range from 1.2 to 110 mg/l.

VOCs were detected in four wells screened in surficial materials and six wells screened in weathered bedrock during 1991 (Figures 2-17 and 2-18). VOCs detected in groundwater in surficial materials during 1991 include 1,2-DCE, CCl_4, $CHCl_3$, PCE, TCE, 1,2-DCA, 1,1-Dichloroethane, (1,1-DCA), 1,1-DCE, 1,1,1-TCA, 1,1,2-TCA, and vinyl chloride. VOC detections in weathered bedrock include 1,1-DCE, CCl_4, $CHCl_3$, 1,2-DCE, PCE, and TCE.

VOC concentrations are highest in weathered bedrock in Well P210189, immediately south of Pond 207-C, where chloroform, TCE, 1,2-DCE, and CCl_4 were detected. These analytes range in concentration from 260 micrograms per liter (µg/l) to 16,000 µg/l (1,2-DCE). Chloroform ranged from 390 to 730 µg/l; TCE was detected at 6,800 and 7,900 µg/l; and 1,2-DCE was detected at 260 µg/l.

Well 2286 screened in surficial materials and immediately south of Pond 207-C, showed elevated VOC concentrations that include high detections of 1,2-DCE, CCl_4, $CHCl_3$, PCE, TCE, and 1,2-DCA. CCl_4 was detected in surficial materials at concentrations of 670 and 800 µg/l; $CHCL_3$ ranged in concentration from 120 to 130 µg/l; and TCE was detected at 620 and 630 µg/l. Vinyl chloride was detected at a concentration of 380 µg/l in a well screened in surficial materials southeast of the evaporation ponds. Chloroform was detected at 100 µg/l in surficial materials directly west of, and immediately adjacent to Pond 207-C. In general, higher concentrations of VOCs are found in wells immediately adjacent to Pond 207-C.

2.5 CONCLUSIONS

Results of statistical comparisons of downgradient wells to upgradient wells show that the uppermost aquifer, composed of surficial materials and weathered bedrock, has been impacted by leakage from the Solar Evaporation Ponds. VOCs detected in groundwater in surficial materials during 1991 include 1,2-DCE, CCl_4, $CHCl_3$, PCE, TCE, 1,2-DCA, 1,1-DCA, 1,1-DCE, 1,1,1-TCA, 1,1,2-TCA, and vinyl chloride. VOC detections in weathered bedrock include 1,1-DCE, CCl_4, $CHCl_3$, 1,2-DCE, PCE, and TCE. Higher concentrations of VOCs are typically found in wells immediately adjacent to Pond 207-C. The most significant inorganic analyte detected in groundwater in both surficial materials and weathered bedrock was nitrate/nitrite. Concentrations of this analyte are typically highest in monitoring wells located north of the ponds. Concentrations of U-233, 234 and U-238 were observed in both surficial material and weathered bedrock monitoring wells located north, east, and south of the ponds. Concentrations of these analytes were typically highest to the north of the ponds. Am-241 (total) and Pu-239, 240 (total) were detected infrequently in areas downgradient, immediately adjacent to the solar ponds area to the east and south.

3.0 GROUNDWATER MONITORING AT THE WEST SPRAY FIELD

The West Spray Field is located in the western portion of the RFP buffer zone and covers approximately 105 acres (Plate 1-1). This area was identified as a regulated waste management unit because liquids contaminated with RCRA-listed hazardous wastes were spray applicated at the West Spray Field.

The West Spray Field was in operation from April 1982 to October 1985. Excess liquids from Solar Evaporation Ponds 207-B North and Center were periodically pumped via pipeline to the West Spray Field for spray application. The liquids pumped to the spray field consisted of treated sanitary effluent and recovered groundwater, both of which contained some hazardous constituents (USDOE, 1988). Based on interviews and aerial photographs, direct application of the liquids occurred in portions of the spray field designated as Areas 1, 2, and 3 (Figure 3-1).

The West Spray Field is no longer in operation. Post-closure inspection, maintenance, and monitoring of the West Spray Field will be performed in accordance with 6 CCR 1007-3, Part 264. In accordance with the IAG and applicable Colorado Hazardous Waste regulations, a closure plan will be developed through the IM/IRA process.

3.1 SUMMARY OF PREVIOUS INVESTIGATIONS

3.1.1 Alternate Groundwater Monitoring Program

An alternate groundwater monitoring program has been implemented for the West Spray Field area in accordance with 6 CCR 1007-3 and 40 CFR Part 265.90(d). The GWAP summarizes the history of previous site-specific hydrogeologic investigations, monitoring well installation programs, sampling and analytical programs, and evaluation procedures for the alternate groundwater monitoring system at the West Spray Field. The plan also included the procedures and techniques for sample collection, sample preservation and shipment, analytical procedures, and chain-of-custody control.

The groundwater monitoring wells at the West Spray Field are listed in Table 3-1 and shown in Figure 3-1. Fourteen alluvial wells and three bedrock wells are routinely sampled at West Spray Field as part of the RFP groundwater monitoring program.

The pre-1986 monitoring wells in the West Spray Field area (wells 0582, 0682, 0782, 0881, 0981, and 1081) have incomplete or missing well construction documentation. Because groundwater elevation data from these wells are not consistent with groundwater data collected from the post-1986 wells, data collected from these wells in 1989 were not used in the construction of the groundwater potentiometric surface maps in the 1989 and 1990 RCRA Groundwater Monitoring Reports (USDOE, 1990b and 1991a). The groundwater elevation data from these wells for 1991 likewise will not be used in the construction of the potentiometric surface maps presented in this report. Groundwater quality data collected from these wells will also not be used in the groundwater quality evaluations presented in this report, but these data are provided in Appendix A.

Groundwater samples were analyzed for the constituents listed in Table 1-2. The records of the analyses and evaluations are maintained in compliance with 6 CCR 1007-3 and 40 CFR 265.94(b). The annual RCRA Groundwater Monitoring Reports compiled in March 1988, 1989, and 1990 described groundwater elevations, groundwater flow rates, and included the results of the groundwater sample analyses. In addition, groundwater sampling results for the West Spray Field were presented in the West Spray Field Hydrogeologic Characterization Report (USDOE, 1988).

3.1.2 Previous Nature and Extent of Groundwater Contamination

The nature and extent of groundwater contamination at the West Spray Field was evaluated in the 1989 and 1990 Annual RCRA Groundwater Monitoring Reports (USDOE, 1990b and 1991a). The 1989 report indicated that past operations at the West Spray Field have contributed inorganic constituents, metals, VOCs (including PCE and methylene chloride), and some radionuclides to

alluvial groundwater based on sitewide background concentration levels determined in the 1990 Background Geochemical Characterization Report (USDOE, 1990c). Methylene chloride was also frequently detected in field blank samples at concentrations equal to or exceeding the concentrations of these analytes reported in groundwater. The occurrence of these analytes in groundwater samples were considered to represent laboratory contamination rather than actual groundwater quality.

The groundwater chemistry data from 1990 suggest that relatively few changes have occurred in water quality since 1989. These data appear to indicate that the West Spray Field is contributing nitrate/nitrite, total dissolved solids (TDS), Uranium-233, 234, and some metals to the alluvial groundwater. The presence of nitrate/nitrite and TDS in wells throughout the West Spray Field at elevated concentrations is consistent with conclusions made in 1989. Nitrate/nitrite was detected upgradient and in the eastern portion of the West Spray Field at similar concentrations and at concentrations close to sitewide background levels. Total dissolved solids were consistently detected above sitewide background concentrations upgradient, within, and downgradient of the West Spray Field in 1990. U-233, 234 was detected above the sitewide background concentration in two wells in the first quarter of 1990 (Wells B410589 and B110989). U-233, 234 was also detected in Wells 4986 and B410589 in the fourth quarter of 1990. Other radionuclides reported at above sitewide background concentrations in 1989 including Pu-239, 240 (dissolved), tritium, Am-241 (dissolved), and Cs-137 (dissolved) were not detected in groundwater in 1990. U-233, 234 was not analyzed in 1989. Manganese, and to a lesser degree iron, were consistently detected above sitewide background concentrations. Manganese occurred in the western portion of the West Spray Field and at wells along the eastern border of the site.

3.2 UPPERMOST AQUIFER

The uppermost aquifer in and adjacent to the West Spray Field is composed of saturated Rocky Flats alluvium, valley fill alluvium, and subcropping sandstones. Presently, there are no wells at the West Spray Field to monitor groundwater quality in weathered bedrock. Wells 4686, 4886, and 5286 at the West Spray Field are screened in an unweathered sandstone unit. Groundwater quality data from these wells have not been presented in previous reports because unweathered bedrock is not considered part of the uppermost aquifer and because past activities at the West Spray Field were not considered to have impacted groundwater in lower hydrostratigraphic intervals. Inspection of 1991 groundwater quality data for these wells indicate that past activities have probably not affected groundwater quality in the unweathered bedrock. No VOCs were detected in these three wells during 1991 and concentrations of metals, inorganic analytes, and radionuclides, except U-233, 234, were all below sitewide background values. The concentration of this analyte occurring naturally in unweathered bedrock at the West Spray Field has not yet been determined. However, concentrations of U-233, 234 in the unweathered bedrock wells were similar to concentrations observed in alluvial wells. These data will be presented and evaluated more fully in an Addendum to this report. The evaluation of groundwater quality data from these wells in future reports is discussed in Section 5.0.

3.3 CONCEPTUAL MODEL OF THE GROUNDWATER FLOW SYSTEM

Figures 3-2 through 3-5 present groundwater potentiometric surface maps for the surficial materials for the first through fourth quarters of 1991, respectively. Water level data for 1991 are presented in Table 3-2. In the West Spray Field area, groundwater enters from the west and generally flows east-northeastward following the base of the Rocky Flats alluvium. Groundwater elevations are relatively stable across the site, typically with seasonal variations of 5 ft or less. Depth to groundwater is variable, but generally ranges from 40 to 50 ft below the ground surface (USDOE, 1990a).

Except for July, review of the 1991 water level data indicates no significant change in the flow regime of the West Spray Field since 1990. During late spring and early summer 1991, surface water flowed in the Church and Mckay ditches, which run west to east along the northern boundary of the RCRA unit. Recharge to the uppermost aquifer resulted in a deflection of the potentiometric surface in the vicinity of the ditches as shown in Figure 3-4. Groundwater elevations during 1991 were consistent with groundwater elevations obtained during 1990. The predominant groundwater flow direction remains to the east-northeast.

Hydraulic conductivity for the Rocky Flats alluvium in the West Spray Field area was calculated as a geometric mean of values obtained from a drawdown recovery test and numerous slug tests (USDOE, 1990b) and resulted in a geometric mean hydraulic conductivity of 2.7×10^{-4} cm/sec. Using a horizontal hydraulic gradient of 0.01 ft/ft measured from the first quarter of 1991, a hydraulic conductivity of 2.7×10^{-4} cm/sec, and an assumed effective porosity of 0.1 (USDOE, 1989), the average linear groundwater flow velocity to the east at the West Spray Field is approximately 28 ft/yr. This value is consistent with the average linear groundwater flow velocity calculated for 1990 (USDOE, 1991a). Migration rates for conservative dissolved solutes could equal the average linear groundwater flow velocity of 28 ft/yr. However, attenuated, volatile, biodegradable, or redox sensitive species would exhibit migration rates less than the average linear groundwater flow velocity.

3.4 GROUNDWATER QUALITY

Groundwater quality data for surficial materials at the West Spray Field are presented in Appendix A-3. Table 3-3 lists the statistical parameters (sample size, median, standard deviation, etc.) for each analyte at each monitoring well. For all of the analytes, the following sections describe (1) the statistical evaluation of downgradient groundwater quality data with respect to unit-specific upgradient groundwater quality, and (2) the distribution and extent of analytes within and adjacent to the West Spray Field.

3.4.1 Statistical Evaluation of Downgradient Groundwater Quality with Respect to Upgradient Groundwater Quality

Groundwater quality data from a monitoring well located hydraulically upgradient of the West Spray Field were statistically compared with groundwater quality data from monitoring wells located downgradient of the unit to assess potential contaminant releases into the uppermost aquifer by the regulated unit. Statistical comparisons between downgradient and upgradient groundwater data were made following the methodology discussed in Section 1.2.3. In contrast, the 1990 Annual RCRA Groundwater Monitoring Report for Regulated Units at Rocky Flats Plant (USDOE, 1991a) assessed groundwater quality within each RCRA unit by comparing it only to sitewide background values. Statistical calculations for 1991 data at the West Spray Field are presented in Appendix B-2 and discussed below.

At the West Spray Field the uppermost aquifer is composed of alluvial materials (Rocky Flats alluvium and valley fill alluvium). One upgradient well, 5186, provides upgradient groundwater quality data for the West Spray Field. Five wells, B410589, B410689, B410789, B110989, and B111189, monitor downgradient groundwater quality.

A summary of the statistical comparisons between upgradient groundwater quality and downgradient groundwater quality is shown in Tables 3-4, 3-5, and 3-6. Iron, manganese, and zinc were detected infrequently (less than 10 percent quantified results). One detection each of 4-methyl-2-pentanone (MIBK), carbon disulfide, and TCE also occurred. The distribution of the organic analytes is discussed in Section 3.4.2. For analytes with 10 to 50 percent quantified results (Table 3-5), a test of proportions indicates that magnesium and strontium have a statistically higher proportion of detections in downgradient wells when compared with the upgradient monitoring well. The proportion of detections in the upgradient well is less than the proportion in the downgradient wells indicating potential contamination with respect to these analytes in the downgradient wells. Methylene chloride and acetone occur with some frequency (10 to 50 percent quantified results); however, the statistical analysis indicates that there is no

significant difference between the upgradient and downgradient occurrence of these analytes based on the test of proportions. Therefore, the presence of these compounds in surficial groundwater is not likely due to a release from the West Spray Field. Because there is no known upgradient source for these analytes, the occurrence of methylene chloride and acetone may represent laboratory contamination during sample analysis. As mentioned previously, these two analytes have been recognized by the USEPA as common laboratory contaminants.

Table 3-6 summarizes the results of ANOVA tests on groundwater data for analytes with more than 50 percent quantified results. Analytes showing statistically significant differences between upgradient and downgradient wells include U-233, 234, fluoride, specific conductance, sulfate, sodium, Am-241 (total), bicarbonate, chloride, nitrate/nitrite, phosphate, and total suspended solids. The occurrence of these analytes in downgradient wells may indicate contamination. The nature and extent of contamination are discussed in Section 3.4.2. Analytes detected in upgradient wells at concentrations exceeding downgradient wells include sulfate, phosphate, nitrate/nitrite, and Am-241 (total).

3.4.2 Groundwater Quality Within and Adjacent to the West Spray Field Area

Statistical analysis indicated no statistically significant increases in VOC concentrations downgradient of the West Spray Field. However, VOCs were detected sporadically and infrequently in monitoring wells across the West Spray Field (Figure 3-6). VOCs detected included TCE in Well B410689, MIBK in Well B110889, toluene in Well B410689, and carbon disulfide in Wells 4586 and B110889. TCE was only detected during first quarter 1991 at 73 µg/l, and was not detected at all during 1990 or the subsequent three quarters of 1991. MIBK was detected at a concentration slightly above its detection limit of 10 µg/l during the first quarter. This VOC was not detected at all during 1990 or the subsequent three quarters of 1991. Toluene was detected during the fourth quarter but not during the preceding quarter. Carbon disulfide was detected in Well B110889 slightly above its detection limit of 5 µg/l during the first quarter of 1991 but was not detected during 1990 or the subsequent three quarters of 1991. In

Well 4586 carbon disulfide was detected near its detection limit during the fourth quarter but not during 1990. Because the single detection in Well 4586 was not detected in the well hydraulically upgradient (B110989) this fourth quarter detection may not indicate actual contamination. In summary, VOCs are typically detected at or slightly above their detection limits and are not typically verified by subsequent groundwater analyses.

The radionuclides detected in West Spray Field monitoring wells include Am-241 (total), Pu-239, 240 (total), U-233, 234, and U-238 (Figure 3-7). The frequency of occurrence cannot be assessed at this time due to the limited available data. The highest concentrations of Am-241 (total) and Pu-239, 240 (total) were detected in the upgradient Well 5186. Am-241 (total) was also observed in Well B110989 but at a concentration less than the sitewide upper tolerance limit for dissolved Am-241. Pu-239, 240 (total) also occurred in Well 5686 at a concentration less than the sitewide upper tolerance limit for dissolved Pu-239, 240. The occurrence of Pu-239, 240 (total) in Well 5686 may be related to its location downgradient of existing ash pits southeast of the West Spray Field. Concentrations of U-233, 234 were detected in at least two of the four quarters in Wells B110789, B410589, and B410789. Concentrations of U-238 were observed in downgradient Wells B410789 and B410589 and at monitoring Well 4986, located in the central portion of the West Spray Field. U-233, 234 was detected during at least two of four quarters in three downgradient wells. The concentrations of U-233, 234 in downgradient wells showed a statistically significant difference from concentrations in the upgradient well indicating an impact on groundwater quality by the West Spray Field.

Metals are infrequently detected in monitoring wells at the West Spray Field. Iron, zinc, and strontium were infrequently detected in both upgradient and downgradient monitoring wells but never at concentrations exceeding the background tolerance limits (Table 1-3). QC data indicate that strontium was frequently detected in sample blanks. Therefore, the reported values for this analyte may not be representative of groundwater concentrations at the West Spray Field. Magnesium was more frequently detected in upgradient Well 5186 (6.8 mg/l) and in

downgradient Wells B410589 (10.4 mg/l), B410689 (6.8 mg/l), B410789 (9.4 mg/l), and B110889 (6.8 mg/l).

The inorganic analytes frequently detected include fluoride, chloride, bicarbonate, sodium, sulfate, nitrate/nitrite, orthophosphate, and total suspended solids (TSS). Only fluoride, chloride, sodium, bicarbonate, and TSS occur at significantly greater concentrations in the downgradient monitoring wells. Sulfate, nitrate/nitrite, and orthophosphate all occur at higher concentrations in the upgradient monitoring Well 5186. A concentration isopleth map for nitrate/nitrite during second quarter 1991 (Figure 3-8) shows higher nitrate/nitrite values occurring in Areas 2 and 3. Lower concentrations of nitrate/nitrite were detected in Area 1. High concentrations of nitrate/nitrite and sulfate were also detected in upgradient Well 5186. Sulfate is similarly distributed across the West Spray Field with higher concentrations in Areas 2 and 3 and lowest sulfate concentrations in Area 1. Chloride concentrations are consistently highest in the southeast and central portions of the West Spray Field where they often exceed background tolerance limits.

3.5 CONCLUSIONS

In summary, statistical evaluations of upgradient verses downgradient groundwater quality at the West Spray Field indicate that this unit may have contributed U-233, 234 selected dissolved metals (sodium, magnesium, strontium, iron, manganese, and zinc), and selected inorganic analytes (nitrate/nitrite, bicarbonate, chloride, fluoride, and total suspended solids). VOCs detected include TCE, MIBK, carbon disulfide, and toluene. These organic analytes are detected at concentrations at or near their respective detection limits and are typically not verified during subsequent analyses. Concentrations of Am-241 (total), sulfate, phosphate, and nitrate/nitrite are higher in upgradient wells than downgradient wells.

4.0 GROUNDWATER MONITORING AT THE PRESENT LANDFILL

The Present Landfill began operating on August 14, 1968, for the disposal of RFP solid waste. The historical background of the Present Landfill is discussed briefly below. Details regarding the construction, operation, regulatory history, and site characterization of the Present Landfill are presented in the Phase I RFI/RI Work Plan for Operable Unit No. 7 - Present Landfill (USDOE, 1991b).

Currently the landfill is accepting nonhazardous solid waste. Records indicate that some hazardous waste was disposed at the landfill, making it a RCRA-regulated unit. However, disposal of hazardous constituents in the landfill was halted in November 1986. As of July 1988, the landfill covered approximately 765,000 square ft (17.5 acres) of land. The volume of material in the landfill is currently estimated to be approximately 405,000 cubic yards based on historical daily disposal rates, daily soil cover volumes, and the length of operation of the landfill. In order to reduce wind dispersion and infiltration of water, approximately 3 ft of compacted soil has been placed on top of the waste in areas where disposal is no longer occurring.

In September 1973, tritium was detected in leachate draining from the landfill. In response to this detection, (1) a sampling program was initiated to determine the location of the tritium source, (2) monitoring of waste prior to burial was initiated to prevent further disposal of radioactive material, and (3) interim response measures were undertaken to control the generation and migration of landfill leachate.

Interim response measures included construction of two ponds (Pond No. 1 and No. 2) immediately east of the landfill, a subsurface interception system for diverting groundwater around the landfill, a subsurface leachate collection system, and surface water control ditches. The influence of groundwater diversion and leachate collection system on groundwater flow around the landfill is discussed further in Section 4.3.

The West Landfill Pond (Pond No. 1) embankment was constructed approximately 500 ft east of the 1974 position of the landfill's advancing face. The East Landfill Pond (Pond No. 2) embankment was constructed approximately 1,000 ft east of the West Landfill Pond embankment. A cutoff trench, set in bedrock, was constructed in the East Landfill Pond embankment to reduce seepage through the embankment foundation. The embankments and ponds were built to collect and evaporate groundwater and surface water and leachate from a subsurface drainage control system installed around the perimeter of the landfill in 1974.

The west embankment and pond were removed in 1981 to allow eastward expansion of the landfill. Between 1977 and 1981 the leachate collection system was covered with waste as the landfill expanded beyond the limits of the system. Two slurry trenches were constructed in 1981 extending from the ends of the north and south groundwater interceptor ditches. These slurry trenches range in depth from 10 to 25 ft and are designed to be seated in bedrock. The leachate pond (Pond No. 1) can no longer be seen on aerial photographs from 1982 onward.

Sometime after the Present Landfill went into operation in 1968, excess water from the landfill pond was pumped atop a ridge south of the pond. The sprayed water collected on the roadway and flowed into North Walnut Creek. The spraying activities were moved north of the landfill pond adjacent to the irrigation ditch IHSS 167.1 (Figure 4-1) when this was discovered. The spray water then collected in local drainage channels and flowed around the landfill pond to the main drainage. The spraying activities were again moved. The final location was south of the west end of the landfill pond adjacent to the pond. The excess spray water flowed back into the East Landfill Pond.

The landfill currently operates as an interim status RCRA unit. Post-closure inspection, maintenance, and monitoring of the Present Landfill will be performed in accordance with 6 CCR 1007-3 Part 264 (40 CFR Part 264). In accordance with the IAG and applicable Colorado

Hazardous Waste regulations, a closure plan will be developed through the IM/IRA decision document.

4.1 SUMMARY OF PREVIOUS INVESTIGATIONS

4.1.1 Alternate Groundwater Monitoring Program

An alternate groundwater monitoring program is being implemented at the Present Landfill in accordance with 6 CCR 1007-3 and 40 CFR 265.90(d). The GWAP summarizes the history of previous site-specific hydrogeologic investigation, monitoring well installation programs, sampling and analytical programs, and evaluation procedures for the alternative groundwater monitoring system at the Present Landfill. The plan also included the procedures and techniques for collection, sample preservation and shipment, analytical procedures, and chain-of-custody control.

The locations of the wells incorporated into the Alternate Groundwater Monitoring System (Table 4-1) are shown in Figure 4-1. Twenty-two wells monitor groundwater quality in surficial materials. Five wells monitor groundwater quality in weathered sandstone. Additionally, four wells monitor groundwater quality in unweathered bedrock (Table 4-1).

Groundwater samples were analyzed for parameters listed in Table 1-2. Sampling and analysis records are maintained in compliance with 6 CCR 1007-3 and 40 CFR 265.94 (b). Annual reports were compiled in March 1989, March 1990, and March 1991 that describe groundwater elevations, and groundwater flow rates and include the results of 1988, 1989, and 1990 groundwater sample analyses, respectively.

4.1.2 Previous Nature and Extent of Groundwater Contamination

The nature and extent of groundwater contamination was most recently evaluated in the 1990 Annual RCRA Groundwater Monitoring Report (USDOE, 1991a). Based upon an examination of 1990 alluvial groundwater quality data from monitoring wells within and surrounding the

landfill, the landfill is contributing major inorganic ions (bicarbonate, calcium, chloride, magnesium, sodium, and sulfate), dissolved metals, dissolved radionuclides, and VOCs to shallow groundwater. Dissolved metals include barium, copper, iron, manganese, and nickel, and to a lesser extent aluminum, arsenic, cobalt, lead, mercury, selenium, and zinc. Dissolved radionuclides include Am-241 and U-233, 234. VOCs were detected sporadically and infrequently in wells screened in surficial materials during 1990. Verified detections included 1,1,1-TCA, 1,1-DCA, 1,2-DCE, 1,2-dichloropropane, PCE, CCl_4, chloromethane, vinyl chloride, methylene chloride, acetone, and TCE.

Elevated concentrations of analytes in weathered bedrock wells typically included major ions (bicarbonate, chloride, sulfate, TDS, and nitrate/nitrite). Elevated concentrations of dissolved metals and radionuclides, and detections of volatile organic compounds were not seen in weathered bedrock wells within and around the landfill except in the vicinity of Well B206189. A single detection of 1,1-DCA at a concentration equal to the detection limit (5 µg/l) occurred in Well B206189 during 1990.

High salt concentrations further down the drainage (Wells 0686 and 0586) were considered to result from an unidentified and presumably natural source. Concentrations of major ions observed in bedrock wells were typically higher than concentrations seen in alluvial groundwater within the landfill. Therefore, bedrock groundwater quality has been considered to be largely influenced by mineral dissolution within the sandstone and claystone units (USDOE, 1990b).

Results of hydrogeologic investigations of the Present Landfill suggest that the groundwater intercept system may not completely isolate the landfill from the surrounding groundwater. Hydraulic assessments for specific areas on the west, north, and south sides of the groundwater intercept system indicate that groundwater may flow into the landfill on the west or northwest and may be exiting the landfill on the southwest at some times during the year. The intersection

of the groundwater intercept system and the slurry walls may be the location of this inflow (USDOE, 1988).

4.2 UPPERMOST AQUIFER

The uppermost aquifer in the Present Landfill area is comprised of saturated surficial materials and weathered bedrock. Rocky Flats alluvium and artificial fill occur upgradient of and within the landfill; colluvium and North Walnut Creek valley fill alluvium are present downgradient of the Present Landfill.

In addition, the uppermost aquifer includes weathered claystones which crop out or are present beneath the surficial materials within the waste management unit. Weathered claystone is included in the definition of the uppermost aquifer because it is more permeable than unweathered bedrock, and is in direct contact with saturated surficial materials within the waste management unit. The depth of weathering varies within the claystone under this waste management area (USDOE, 1990b).

Sandstone is present beneath saturated surficial materials within the waste management unit of the landfill at Wells 0886, 0986, 4187, 6487, 6587, B206489, B206589, and B207189. Where weathered, the saturated sandstone is included as part of the uppermost aquifer (Table 4-1). Unweathered claystone is not considered a part of the uppermost aquifer because of its low hydraulic conductivity. Groundwater in sandstones that are not in contact with the surficial materials of the waste management unit are not considered a part of the uppermost aquifer because of the low hydraulic conductivity claystone separating these units from surficial materials. Although these sandstones exhibit hydraulic conductivities similar to the unweathered claystone (Section 4.3), it will be included in the definition of the uppermost aquifer only if it is weathered and subcrops within the waste management unit.

4.3 CONCEPTUAL MODEL OF THE GROUNDWATER FLOW SYSTEM

Groundwater flows in surficial material (Rocky Flats alluvium, colluvium, valley fill alluvium, and artificial fill) and in bedrock sandstones and claystones in the area of the Present Landfill.

In general, groundwater flows eastwardly in surficial materials (i.e., disposed waste and daily soil cover) toward the landfill pond as indicated by the potentiometric surface maps constructed for surficial materials during the first through fourth quarters of 1991 (Figures 4-2 through 4-5, respectively). However, groundwater also flows in southeastern and northeastern directions toward the East Landfill Pond. Groundwater flow in the weathered bedrock units during all of 1991 (Figures 4-6 through 4-9, respectively) changes little throughout the year and is similar in direction to groundwater flow in the surficial units.

Groundwater elevations in surficial materials at the landfill (Table 4-2) are characterized by seasonal variations of up to approximately 10 ft. Relatively lower water table elevations occur during April 1991. In contrast, water table elevations are comparatively higher during June and July 1991. Groundwater elevations in the weathered bedrock units (Table 4-3) typically show seasonal variations of up to approximately 15 ft.

Nine monitoring wells have been completed within weathered bedrock in the Present Landfill area. Typically, the water level elevation is below that of the top of bedrock, indicating unsaturated weathered bedrock separates groundwater in surficial material from groundwater in weathered bedrock. Only at Wells B206189 and B206589 does the elevation of the water table exceed that of the top of bedrock. This indicates that at these locations, the weathered bedrock is fully saturated and hydraulically connected to the saturated surficial materials.

Two surficial material/weathered bedrock well pairs were installed at the Present Landfill. Vertical gradients (Table 4-4) fluctuate throughout the year due to the seasonal change in the groundwater elevations in the surficial materials. A vertical gradient ranging from 0.05 ft/ft to

0.89 ft/ft downward has been calculated for Well Pair 6487/B206189 during 1991. A vertical gradient of 1.50 ft/ft downward has been calculated for Well Pair 4087/B206989 during July 1991. This vertical gradient is the quotient of the difference in water levels measured during equivalent months during 1991 and the vertical distance between the middle of the screened intervals (i.e., the difference between the elevation of the middle of the screened interval in the alluvial well and the elevation of the middle of the screened interval of the associated weathered bedrock well).

Hydraulic conductivity data for the Present Landfill area are tabulated in the 1989 Annual RCRA Groundwater Monitoring Report (USDOE, 1990b). The geometric mean for Rocky Flats alluvium varies from 1.8×10^{-5} cm/sec for drawdown/recovery tests to 4.6×10^{-4} cm/sec for slug tests. These values are two to three orders of magnitude in excess of the geometric mean for the unweathered claystone at well 4187, i.e., 6.2×10^{-7} cm/sec. Hydraulic conductivities for the bedrock sandstone are similar to the unweathered claystone (USDOE, 1990b).

Based on drawdown recovery tests and slug tests performed in wells completed within the landfill, the geometric mean hydraulic conductivity of the surficial materials is 3.1×10^{-4} cm/sec (see data presented in USDOE, 1990b). Using this value of hydraulic conductivity, an assumed effective porosity of 0.1, and a horizontal hydraulic gradient of 0.04 ft/ft based on any of the water table maps for 1991 (Figures 4-2 through 4-5), groundwater within the landfill is moving at a rate of approximately 128 ft/yr. Migration rates for conservative dissolved solutes could equal the average linear groundwater flow velocity of 128 ft/yr within the landfill wastes. However, attenuated, volatile, biodegradable, or redox sensitive species would exhibit migration rates less than the average linear groundwater flow velocity.

Once groundwater within the landfill discharges to the landfill pond, it is retained within the pond where it either evaporates directly from the pond or evaporates via spray irrigation onto the hillsides adjacent to the pond. Alluvial groundwater upgradient from the landfill may reach the

valley fill east of the pond by recharging the groundwater intercept system, which can discharge to the unnamed tributary. However, valves in the groundwater intercept system presently divert the discharged water into the East Landfill Pond or to the spray evaporation system. The design of the intercept system is discussed further below. Because the alluvium is dry during portions of the year, there are no site-specific hydraulic conductivity data available for valley fill alluvium in Dry Creek, which is tributary to Walnut Creek. Therefore, no groundwater flow rates for unnamed tributary valley fill alluvium have been calculated at this time.

In order to control fluid flow in and around the landfill, a two-part leachate collection and groundwater diversion system was constructed in 1974 (Figure 4-1). This system was designed (1) to collect leachate generated in the landfill and (2) to divert groundwater around the outside of the landfill. The groundwater diversion portion of the system is located outside of the leachate collection system and is separated from the leachate collection system by a 4.5-ft-wide zone of clayey soil. Landfill contaminants migrate within the landfill wastes flow along the leachate collection systems toward the East Landfill Pond. Groundwater from around the landfill is diverted around the landfill wastes and discharged into the East Landfill Pond (USDOE, 1990b). Additional details regarding the configuration of the leachate collection and groundwater diversion system are presented in the Phase I RFI/RI Work Plan for Operable Unit No. 7 - the Present Landfill (USDOE, 1991b).

Previous reports indicate that the landfill wastes bury the leachate collection system and extend beyond the system. Therefore, leachate generated outside the landfill trench would be collected by the groundwater diversion system. In addition, the clay cutoff wall no longer extends to the surface of the landfill; this would allow groundwater to flow across the clay cutoff wall if the water table rises. Landfill wastes, however, do not extend into the surface water interceptor ditch.

Slurry trenches have been placed along the eastern end of the landfill. These trenches may also be influencing groundwater flow; future pumping tests are planned to evaluate the effectiveness of the slurry trenches as hydraulic barriers.

The following conclusions regarding the impact of the leachate/groundwater intercept system on groundwater flow have been made based on water level and groundwater quality data (USDOE, 1988 and 1991b):

- The groundwater intercept system is diverting groundwater away from the west end of the landfill
- The groundwater intercept system is not diverting all groundwater away from the north and south sides of the landfill
- The clay barrier is holding groundwater in the landfill along the west and north sides
- The clay barrier does not appear to be completely effective on the south side of the landfill and may be allowing groundwater to enter the landfill at times
- The leachate collection system appears to function intermittently on the north side of the landfill.

4.4 GROUNDWATER QUALITY

Groundwater quality data for surficial materials and weathered bedrock are presented in Appendices A-4 and A-5, respectively. Tables 4-5 and 4-6 list the statistical parameters (sample size, mean, median, standard deviation, etc.) for each analyte at each surficial and weathered bedrock monitoring well, respectively. The following sections describe (1) the statistical evaluation of downgradient groundwater quality data with respect to upgradient groundwater quality, and (2) the distribution and extent of analytes within and adjacent to the RCRA unit.

4.4.1 Statistical Evaluation of Downgradient Groundwater Quality with Respect to Upgradient Groundwater Quality

Groundwater quality data from monitoring wells located hydraulically upgradient of the Present Landfill are statistically compared with groundwater quality data from monitoring wells located downgradient of the Present Landfill to assess potential contaminant releases into the uppermost aquifer by the regulated unit. Statistical comparisons between downgradient and upgradient groundwater data were made following the methodology discussed in Section 1.2.3. In contrast, the 1990 Annual Groundwater Monitoring Report for Regulated Units at Rocky Flats Plant (USDOE, 1991a) assessed groundwater quality within each RCRA unit by comparing it only to sitewide background values. Statistical calculations for 1991 data from the Present Landfill are presented in Appendix B-3 and discussed below.

At the Present Landfill the uppermost aquifer is composed of surficial materials and weathered bedrock. Two wells, 1086 and 5887, provide upgradient groundwater quality data for surficial materials immediately upgradient of the Present Landfill. Currently, no wells are available to provide comparable upgradient groundwater quality data for weathered bedrock. Three wells located east of the East Landfill Pond dam monitor downgradient groundwater quality. Downgradient groundwater quality in surficial materials is monitored by one well, 4087. However, because the East Landfill Pond dam depresses the potentiometric surface to the east this surficial well is frequently dry. Therefore, downgradient groundwater quality is monitored by Wells B207089, B207189, and 4187.

A summary of the statistical comparisons between upgradient groundwater quality and downgradient groundwater quality is shown in Tables 4-7, 4-8, and 4-9. For analytes with less than 10 percent quantified results (Table 4-7), antimony was detected only once in Well B207089 at a concentration of 0.0668 mg/l. This value is slightly above the analyte detection limit of 0.0600 mg/l. For analytes with 10 to 50 percent quantified results (Table 4-8), a test of proportions indicates that the proportion of detected samples for chromium, lithium, potassium,

and strontium are statistically less in the upgradient wells than the downgradient monitoring wells. However, this may not necessarily indicate contamination in the downgradient wells. The difference in the proportions of detections may actually be due to natural differences in bulk fluid chemistry because the statistical comparisons being made are between groundwater chemistry in upgradient wells screened in Rocky Flats alluvium (Wells 1086 and 5887) and downgradient wells screened in weathered bedrock (Wells B207089, B207189, and 4187). The test of proportions also indicated that the proportion of detections of phosphate in the upgradient wells is greater than the downgradient wells indicating a potential upgradient source of this analyte.

Finally, for the analytes with greater than 50 percent quantifiable results (Table 4-9), ANOVA testing indicates a statistically significant difference (at the 5 percent significance level) between upgradient and downgradient groundwater quality. For the 12 analytes showing a statistically significant difference (gross alpha, gross beta, bicarbonate, fluoride, chloride, magnesium, sodium, calcium, dissolved silica, total dissolved solids, pH, and specific conductance) downgradient wells exhibit higher concentrations than the upgradient wells. However, for nitrate/nitrite, concentrations in the upgradient wells exhibit higher concentrations than the downgradient wells. VOCs and radionuclides are not among the analytes for which statistically significant differences have been determined in the upgradient and downgradient groundwater quality data. Therefore, the Present Landfill does not appear to impact downgradient groundwater quality with respect to VOCs and radionuclides.

4.4.2 Groundwater Quality in the Present Landfill Area

Even though only a few analytes were found to have statistically significant concentration increases in the downgradient wells many more analytes were detected in one or more of the wells located within and adjacent to the Present Landfill. Analyte distribution maps for VOCs and radionuclides (Figures 4-10 and 4-11, respectively) illustrate the spatial distribution and extent of contamination within the landfill. A concentration isopleth map for TDS (Figure 4-12) best illustrates the distribution of inorganic analytes in surficial groundwater associated with the

Present Landfill. The distribution of VOCs, radionuclides, dissolved metals, and inorganic analytes in groundwater in and around the Present Landfill is discussed below in greater detail.

VOCs were detected infrequently in alluvial monitoring wells (Figure 4-10). Detections of 1,2-DCE occurred in Wells 6387, 6487, 6587, and B206389, and 1,1-DCE in Wells 6587 and 6687. Other detections include 1,1,1-TCA in Wells 6587, 6687, and 7287, and TCE in Wells 6587, 6687, 7287, B206389, and B206489. No VOCs were detected in downgradient alluvial Well 4087 or in alluvial Wells 7087 and 0786 located adjacent to the East Landfill Pond. No VOCs were detected in any weathered bedrock well during all four quarters of 1991. Methylene chloride and acetone occur with some frequency (10 to 50 percent quantified results) in alluvial and weathered bedrock wells. However, there is no statistically significant difference between the upgradient and downgradient occurrence of these analytes based on the test of proportions. Although these two analytes may be present in wells 1086 and 5887 due to an upgradient source, it is more likely that the reported values for these two organic analytes in both upgradient and downgradient wells represent laboratory contamination.

VOCs are appropriate parameters for use as indicators of groundwater contamination from the landfill based on their occurrence as primary leachate constituents (USDOE, 1991b) and their environmental fate and transport characteristics. VOCs do not occur naturally, are environmentally persistent, are detectable in low concentrations, and typically exhibit high mobility in groundwater. The absence of VOCs in the weathered bedrock monitoring wells indicate that the Present Landfill has not adversely impacted weathered bedrock groundwater even though some contamination of alluvial groundwater overlying the weathered bedrock has occurred.

Radionuclides were detected in both alluvial and weathered bedrock wells (Figure 4-11). The frequency of occurrence cannot be assessed at the time due to the limited available data. The highest concentrations of radionuclides were observed in alluvial Wells B206489, 6387, and

7287, and weathered bedrock Well B206589. Concentrations of Am-241 (total) and Pu-239, 240 (total) in Well 7287 and 6387, U-238 (dissolved) in Wells B206489 and B206589, and for U-235 (dissolved) in Well B206589 exceeded sitewide background values. These wells are located directly downgradient from IHSS Nos. 166.1, 166.2, and 166.3. These IHSS have been used in the past for disposal of sewage treatment sludge containing elevated radionuclide concentrations of uranium and plutonium (USDOE, 1991b). The presence of radionuclides in these wells probably originates from IHSS Nos. 166.1, 166.2, and 166.3 rather than the Present Landfill. The statistical analysis of all radionuclide data indicates that radionuclides are not present at significantly higher concentrations in the downgradient wells.

Major inorganic analytes typically associated with landfill contamination include bicarbonate, TDS, calcium, chloride, and sodium. TDS concentrations serve as an indicator parameter for major inorganic ions associated with landfill leachate. The concentration isopleth map Figure 4-12 illustrates the distribution and extent of TDS at the Present Landfill area. The TDS isopleth map shows that maximum TDS concentrations in alluvial materials occur within the groundwater intercept system and/or downgradient of IHSS Nos. 166.1, 166.2, and 166.3. Because concentrations of bicarbonate, calcium, and chloride also display the same spatial distribution, isopleth maps were not created for each of these analytes. The occurrence of these analytes in groundwater beyond the limit of the groundwater intercept system and slurry walls south and southeast of the landfill may indicate (1) impacts from IHSS Nos. 166.1, 166.2, and 166.3, (2) intercept system at the southeast edge of the landfill may not be functioning adequately, or (3) that landfilled waste emplaced beyond the limit of the intercept system may be impacting groundwater quality.

Dissolved metals were detected in groundwater from both surficial materials and weathered bedrock at the Present Landfill. Dissolved metals occurred at slightly higher concentrations in weathered bedrock groundwater. This is consistent with results of the 1990 Background Geochemical Characterization Report (USDOE, 1990c) and probably represents natural

geochemical weathering. Dissolved metal concentrations are only slightly higher than detection limits and rarely exceeding background tolerance limits. Of the four metals with statistically higher downgradient concentrations, only chromium occurred at concentrations higher than the upper tolerance limit for sitewide background. The highest chromium concentrations occurred in alluvial Wells 6387 and 6487 located inside the limits of the groundwater interceptor system, and chromium was not detected above its background tolerance limit in any of the alluvial or bedrock wells located downgradient. Additionally, QC samples indicate that chromium was detected frequently in laboratory blanks. Therefore reported values of chromium may not represent actual groundwater concentrations.

4.5 CONCLUSIONS

In summary, based on the statistical evaluation of downgradient and upgradient groundwater quality data at the Present Landfill and on analysis of the distribution of analytes throughout the landfill area, it appears that the landfill is impacting surficial groundwater with increased concentrations of VOCs, radionuclides, major inorganic ions typical of landfill leachate (bicarbonate, calcium, chloride, magnesium, sodium, and TDS) and some metals (chromium, lithium, potassium, and strontium). Groundwater quality in downgradient geologic materials and in weathered bedrock beneath the landfill appears unaffected by the Present Landfill with respect to VOCs, radionuclides, most metals, and other inorganic ions. Volatile organic compounds were detected sporadically and infrequently in wells screened in surficial materials and not at all in weathered bedrock wells during 1991. The groundwater intercept system appears effective in limiting the transport of TDS and major inorganic ions (nitrate/nitrite, bicarbonate, chloride, sodium, calcium, magnesium). Some radionuclides, metals, and inorganic ions whose concentrations do not increase in downgradient wells occur both within and outside of the groundwater intercept system at concentrations exceeding background levels. The occurrence of VOCs, radionuclides, metals, and inorganic analytes in groundwater to the south and southeast of the Present Landfill (IHSS 114) may be due to (1) impacts from IHSS Nos. 166.1, 166.2, and

166.3, (2) inadequate functioning of the groundwater intercept system at the south edge of the landfill, or (3) impacts from landfilled waste emplaced beyond the limit of the intercept system.

5.0 GROUNDWATER MONITORING ACTIVITIES ASSESSMENT

Groundwater monitoring at the three RCRA-regulated units at RFP continues under interim status guidelines for compliance monitoring. As more hydrologic and analytical data become available, and if conditions change in terms of the nature, extent, and migration characteristics of contaminants, further assessments will be made of groundwater monitoring activities at the regulated units. The intent of this portion of the Annual RCRA Groundwater Monitoring Report is to evaluate the effectiveness of the monitoring program and to provide a mechanism for establishing recommendations concerning future monitoring activities at RCRA-regulated units. Recommendations made in this report, and those that will be made in subsequent Annual RCRA Groundwater Monitoring reports, are based on interpretations of the data contained in the annual RCRA reports. Additional recommendations may be made in the RCRA Groundwater Report Addendum, or other reports as pertinent information becomes available through other investigations.

The methodology used to assess groundwater monitoring activities includes the following appraisal of existing monitoring wells:

- Appropriateness of location to fulfill required purpose; either upgradient monitoring, downgradient monitoring, monitoring of nature and extent of contamination, or characterization of hydrogeologic/aquifer characteristics.

- Hydrogeologic unit in which the monitoring well is screened.

- Completeness of monitoring well construction details. Several monitoring wells, primarily those installed prior to 1986, have incomplete or inadequate "as built" construction details.

- The physical condition of the monitoring well. Some RCRA monitoring wells are damaged.

- The usefulness of the analytes tested for at each well. The analyte suite should meet regulatory requirements, reflect the history and past activities at the regulated unit, and should be based on need when data from previous geochemical investigations are considered.

- The sampling frequency at each well and its relevance to the monitoring program at that regulated unit.

Recommendations concerning each regulated unit are presented below.

5.1 MONITORING AT THE SOLAR EVAPORATION PONDS

Recommendations for upgrading the assessment groundwater monitoring program at the Solar Evaporation Ponds area include the following:

- Abandon all pre-1986 monitoring wells including Wells 0460 and 0260. These wells have incomplete well construction details, and groundwater elevation data from these wells are inconsistent with groundwater elevation data from nearby, recently installed wells.

- Increase the number of monitoring wells immediately upgradient of the ponds to better define upgradient groundwater quality.

- Provide additional monitoring well coverage to the north, east, and southeast for better definition of the contaminant plumes in saturated materials. This is particularly important to determine whether analyte concentrations at Well 3586 are related to the Solar Evaporation Ponds or to past activities at the 903 Pad area.

- Evaluate replacement alternatives for Well 2086 because it has been permanently damaged.

5.2 MONITORING AT THE WEST SPRAY FIELD

Recommendations for upgrading the alternate groundwater monitoring program at the West Spray Field include the following:

- Abandon all pre-1986 monitoring wells since these monitoring wells have incomplete or inadequate well construction details.

- Add additional upgradient monitoring wells to provide a better statistical assessment of upgradient groundwater quality.

- Incorporate groundwater elevation data from additional monitoring wells such as B402689 located outside of the RCRA waste management area to assist in drawing potentiometric surface maps.

- Eliminate Well 5686 from the assessment monitoring well network since it is located hydraulically downgradient from and may be impacted by the ash pits (IHSS Nos. 133.1 through 133.6).

- Assess the chemistry of surface water in the quarry located approximately 200 ft upgradient of Well 5186.

- Evaluate and reduce, as appropriate, the analytical suite for this unit because of the infrequent detection and/or absence of certain analytes at the West Spray Field.

- Evaluate groundwater quality data from bedrock monitoring Wells 4686, 4886, and 5286 in future reports.

5.3 MONITORING AT THE PRESENT LANDFILL

Recommendations for upgrading the alternate groundwater monitoring program at the Present Landfill include the following:

- Install additional monitoring wells in surficial, weathered bedrock, and unweathered bedrock units immediately upgradient of the Present Landfill to better characterize upgradient groundwater quality.

- Incorporate groundwater elevation data from additional monitoring wells (such as Wells B208789, P210089, P209989, B210389, and 1786) to better define the potentiometric surface outside of the RCRA waste management area.

- Assess groundwater quality in weathered bedrock at the northwest portion of the landfill.

Additional or more specific recommendations regarding portions of each regulated unit where monitoring well data are no longer useful will be delineated in subsequent reports. These recommendations will include references to specific wells and general locations at each unit, areas of each regulated unit where additional monitoring well data would permit better characterization of groundwater conditions and the need for supplemental geochemical data or additional hydrologic information as appropriate.

6.0 REFERENCES

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Table 1-1. Comparison of Hazardous Substance List (HSL), Target Compound List (TCL), and RCRA Appendix IX Constituents

VOLATILES	HSL	TCL	Appendix IX
Chloromethane/Methyl chloride	x	x	x
Bromomethane/Methyl bromide	x	x	x
Vinyl chloride	x	x	x
Chloroethane/Ethyl chloride	x	x	x
Methylene chloride/Dichloromethane	x	x	x
Acetone	x	x	x
Carbon disulfide	x	x	x
1,1-Dichloroethene/1,1-Dichloroethylene	x	x	x
1,1-Dichloroethane/Ethylene dichloride	x	x	x
1,2-Dichloroethene (total)	x	x	x
Chloroform	x	x	x
1,2-Dichloroethane/Ethylene dichloride	x	x	x
2-Butanone/Methyl ethyl ketone/MEK	x	x	x
1,1,1-Trichloroethane/Methyl chloroform	x	x	x
Carbon tetrachloride	x	x	x
Vinyl acetate	x	x	x
Bromodichloromethane	x	x	x
1,2-Dichloropropane	x	x	x
cis-1,3-Dichloropropene	x	x	x
Trichloroethene/Trichloroethylene	x	x	x
Dibromochloromethane/Chlorodibromomethane	x	x	x
1,1,2-Trichloroethane	x	x	x
Benzene	x	x	x
trans-1,3-Dichloropropene	x	x	x
2-Chloroethyl vinyl ether	x		
Bromoform/Tribromomethane	x	x	x
4-Methyl-2-pentanone/MIBK	x	x	x
2-Hexanone	x	x	x
Tetrachloroethene/PCE/Tetrachloroethylene	x	x	x
1,1,2,2-Tetrachloroethane	x	x	x
Toluene	x	x	x
Chlorobenzene	x	x	x
Ethylbenzene	x	x	x
Styrene	x	x	x
Xylene (total)	x	x	x
Dichlorodifluoromethane			x
Acetonitrile/Methyl cyanide			x
Iodomethane/Methyl iodide			x
Acrolein			x
Acrylonitrile			x
Trichlorofluoromethane			x
Propionitrile/Ethyl cyanide			x
3-Chloropropene/Allyl chloride			x

Table 1-1. Comparison of Hazardous Substance List (HSL), Target Compound List (TCL), and RCRA Appendix IX Constituents

VOLATILES	HSL	TCL	Appendix IX
Methacrylonitrile			x
Dibromomethane/Methylene bromide			x
Isobutyl alcohol/Isobutanol			x
1,2-Dibromoethane/Ethylene dibromide/EDB			x
1,1,1,2-Tetrachloroethane			x
1,2,3-Trichloropropane			x
trans-1,4-Dichloro-2-butene			x
1,2-Dibromo-3-chloropropane/DBCP			x
Chloroprene/2-Chloro-1,3-butadiene			x
SEMI-VOLATILES			
Phenol	x	x	x
bis-(2-Chloroethyl) ether	x	x	x
2-Chlorophenol/o-Chlorophenol	x	x	x
1,3-Dichlorobenzene/m-Dichlorobenzene	x	x	x
1,4-Dichlorobenzene/p-Dichlorobenzene	x	x	x
Benzyl alcohol	x	x	x
1,2-Dichlorobenzene/o-Dichlorobenzene	x	x	x
2-Methylphenol/o-Cresol	x	x	x
bis (2-Chloroisopropyl) ether	x	x	x
4-Methylphenol/p-Cresol	x	x	x
N-Nitroso-di-n-propylamine	x	x	x
Hexachloroethane	x	x	x
Nitrobenzene	x	x	x
Isophorone	x	x	x
2-Nitrophenol/o-Nitrophenol	x	x	x
2,4-Dimethylphenol	x	x	x
Benzoic Acid	x	x	x
bis(2-Chloroethoxy)methane	x	x	x
2,4-Dichlorophenol	x	x	x
1,2,4-Trichlorobenzene	x	x	x
Naphthalene	x	x	x
4-Chloroaniline/p-Chloroaniline	x	x	x
Hexachlorobutadiene	x	x	x
4-Chloro-3-methylphenol/p-Chloro-m-cresol	x	x	x
2-Methylnaphthalene	x	x	x
Hexachlorocyclopentadiene	x	x	x
2,4,6-Trichlorophenol	x	x	x
2,4,5-Trichlorophenol	x	x	x
2-Chloronaphthalene	x	x	x
2-Nitroaniline/o-Nitroaniline	x	x	x
Dimethylphthalate	x	x	x

Table 1-1. Comparison of Hazardous Substance List (HSL), Target Compound List (TCL), and RCRA Appendix IX Constituents

SEMI- VOLATILES	HSL	TCL	Appendix IX
Acenaphthylene	x	x	x
2,6-Dinitrotoluene	x	x	x
3-Nitroaniline/m-Nitroaniline	x	x	x
4-Nitrophenol/p-Nitroaniline	x	x	x
4-Nitrophenol/p-Nitrophenol	x	x	x
Dibenzofuran	x	x	x
2,4-Dinitrotoluene	x	x	x
Diethylphthalate	x	x	x
4-Chlorophenyl-phenylether	x	x	x
Fluorene	x	x	x
4-Nitroaniline/p-Nitroaniline	x	x	x
4,6-Dinitro-2-methylphenol	x	x	x
N-Nitrosodiphenylamine	x	x	x
4-Bromophenyl-phenylether	x	x	x
Hexachlorobenzene	x	x	x
Pentachlorophenol	x	x	x
Phenanthrene	x	x	x
Anthracene	x	x	x
Di-n-Butylphthalate	x	x	x
Floranthene	x	x	x
Benzidiene	x		
Pyrene	x	x	x
Butylbenzylphthalate	x	x	x
3,3'-Dichlorobenzidine	x	x	x
Benzo [a] anthracene/1,2-Benzanthracene	x	x	x
Chrysene	x	x	x
bis (2-Ethylhexyl) phthalate	x	x	x
Di-n-octylphthalate	x	x	x
Benzo [b] fluoranthene	x	x	x
Benzo [k] fluoranthene	x	x	x
Benzo [a] pyrene	x	x	x
Ideno [1,2,3-cd] pyrene	x	x	x
Dibenz [a,h] anthracene	x	x	x
Benzo [ghi] perylene	x	x	x
1,4-Dioxane/p-Dioxane			x
Methyl methacrylate			x
Pyridine			x
N-Nitrosodimethylamine	x		x
Ethyl methacrylate			x
2-Picoline/2-Methylpyridine			x
N-Nitrosomethylethylamine			x
Methyl methanesulfonate			x
N-Nitrosodiethylamine			x

Table 1-1. Comparison of Hazardous Substance List (HSL), Target Compound List (TCL), and RCRA Appendix IX Constituents

SEMI- VOLATILES	HSL	TCL	Appendix IX
Ethyl methanesulfonate			x
Aniline	x		x
Pentachloroethane			x
3-Methylphenol/m-Cresol			x
N-Nitrosopyrrolidine			x
Acetophenone			x
N-Nitrosomorpholine			x
o-Toluidine			x
N-Nitrosopiperidine			x
alpha, alpha-dimethylphenethylamine			x
2,6-Dichlorophenol			x
Hexachloropropene			x
p-Phenylenediamine			x
N-Nitroso-di-n-butylamine			x
Safrole			x
1,2,4,5-Tetrachlorobenzene			x
Isosafrole			x
1,4-Naphthoquinone			x
1,3-Dinitrobenzene/m-Dinitrobenzene			x
Pentachlorobenzene			x
1-Naphthylamine			x
2-Naphthylamine			x
2,3,4,6-Tetrachlorophenol			x
1,3,5-Trinitrobenzene/sym-Trinitrobenzene			x
Diallate			x
Phenacetin			x
Diphenylamine			x
5-Nitro-o-toluidine			x
4-Aminobiphenyl			x
Pronamide			x
2-sec-Butyl-4,6-dinitrophenol/Dinoseb			x
Pentachloronitrobenzene			x
4-Nitroquinoline-1-oxide			x
Methapyrilene			x
Aramite			x
Chlorobenzilate			x
p-Dimethylaminoazobenzene			x
3-3'-Dimethylbenzidine			x
2-Acetylaminofluorene/2-AAF			x
7,12-Dimethylbenz [a] anthracene			x
Hexachlorophene			x
3-Methylcholanthrene			x

Table 1-1. Comparison of Hazardous Substance List (HSL), Target Compound List (TCL), and RCRA Appendix IX Constituents

PESTICIDE/PCBs	HSL	TCL	Appendix IX
alpha-BHC	x	x	x
beta-BHC	x	x	x
delta-BHC	x	x	x
gamma-BHC/Lindane	x	x	x
Heptachlor	x	x	x
Aldrin	x	x	x
Heptachlor epoxide	x	x	x
Endosulfan I	x	x	x
Dieldrin	x	x	x
4,4'-DDE	x	x	x
Endrin	x	x	x
Endosulfan II	x	x	x
4,4'-DDD	x	x	x
Endosulfan sulfate	x	x	x
4,4'-DDT	x	x	x
Methoxychlor	x	x	x
Endrin ketone	x	x	
alpha-Chlordane (shown as total on Appendix IX and HSL)		x	xx
gamma-Chlordane (shown as total on Appendix IX and HSL)		x	xx
Toxaphene/Camphechlor	x	x	x
Aroclor-1016 (shown as total on Appendix IX)	x	x	x
Aroclor-1221 (shown as total on Appendix IX)	x	x	x
Aroclor-1232 (shown as total on Appendix IX)	x	x	x
Aroclor-1242 (shown as total on Appendix IX)	x	x	x
Aroclor-1248 (shown as total on Appendix IX)	x	x	x
Aroclor-1254 (shown as total on Appendix IX)	x	x	x
Aroclor-1260 (shown as total on Appendix IX)	x	x	x
Isodrin (Stereoisomer of Aldrin)			x
Kepone			x
Endrin aldehyde	x		x
ORGANOPHOSPHORUS PESTICIDES			
Thionazin			x
Phorate			x
Disulfoton/Di-Syston			x
Dimethoate			x
Methyl Parathion			x
Parathion			x
Famphur/Famophos			x
O,O,O-Triethyl phosphorothioate			x

Table 1-1. Comparison of Hazardous Substance List (HSL), Target Compound List (TCL), and RCRA Appendix IX Constituents

HERBICIDES	HSL	TAL**	Appendix IX
Sulfotepp/Tetraethyl dithiopyrophosphate			x
2,4-D/2,4-Dichlorophenoxyacetic acid			x
2,4,5-TP/Silvex			x
2,4,5-T/2,4,5-Trichloroacetic acid			x
DIOXINS			
Polychlorinated di-benzo-p-dioxins/PCDDs			x
Polychlorinated di-benzofurans/PCDFs			x
2,3,7,8-Tetrachlorodibenzo-p-dioxin			x
INORGANIC ANALYTES*			
Aluminum	x	x	
Antimony	x	x	x
Arsenic	x	x	x
Barium	x	x	x
Beryllium	x	x	x
Cadmium	x	x	x
Calcium	x	x	
Chromium	x	x	x
Cobalt	x	x	x
Copper	x	x	x
Iron	x	x	
Lead	x	x	x
Magnesium	x	x	
Manganese	x	x	
Mercury	x	x	x
Nickel	x	x	x
Potassium	x	x	
Selenium	x	x	x
Silver	x	x	x
Sodium	x	x	x
Thallium	x	x	x
Tin	x		x
Vanadium	x	x	x
Zinc	x	x	x
Cyanide		x	x
Sulfide			x

* Current analytical program includes cesium, chromium (VI), lithium, molybdenum, and strontium which are non-Appendix IX and non-TAL constituents. It also includes analysis for tin, a non-TAL constituent.

**TAL - Target Analyte List

Table 1-2. Chemical Constituents Monitored in Groundwater During 1991

FIELD PARAMETERS
pH
Specific Conductance
Temperature
Dissolved Oxygen
Alkalinity

INDICATORS
Total Dissolved Solids (TDS)
Total Suspended Solids (TSS)
pH [1]

METALS
Target Analyte List
- Aluminum (Al)
- Antimony (Sb)
- Arsenic (As)
- Barium (Ba)
- Beryllium (Be)
- Cadmium (Cd)
- Calcium (Ca)
- Chromium (Cr) [2]
- Cobalt (Co)
- Copper (Cu)
- Iron (Fe)
- Lead (Pb)
- Magnesium (Mg)
- Manganese (Mn)
- Mercury (Hg)
- Nickel (Ni)
- Potassium (K)
- Selenium (Se)
- Silver (Ag)
- Sodium (Na)
- Thallium (Tl)
- Vanadium (V)
- Zinc (Zn)

Cesium (Cs)
Lithium (Li) [3]

Table 1-2. Chemical Constituents Monitored in Groundwater During 1991

METALS (continued)
Molybdenum (Mo)
Strontium (Sr)
Tin (Sn) [1]

ANIONS
Carbonate (CO_3)
Bicarbonate (HCO_3)
Chloride (Cl)
Fluoride (F)
Sulfate (SO_4)
Nitrate/Nitrite (NO_2/NO_3)
Cyanide (as N) [4]

ORGANICS [5]
Target Compound List - Volatiles:
- Chloromethane (CH_3CL)
- Bromomethane (CH_3Br)
- Vinyl Chloride (C_2H_3CL)
- Chloroethane (C_2H_5Cl)
- Methylene Chloride (CH_2CL_2)
- Acetone
- Carbon Disulfide
- 1,1-Dichloroethane (1,1-DCA)
- 1,1,-Dichloroethene (1,1-DCE)
- trans-1,2-Dichloroethene
- 1,2-Dichloroethene (total) (total 1,2-DCE)
- Chloroform ($CHCl_3$)
- 1,2-Dichloroethane (1,2-DCA)
- 2-Butanone (MEK)
- 1,1,1-Trichloroethane (1,1,1-TCA)
- Carbon Tetrachloride (CCL_4)
- Vinyl Acetate
- Bromodichloromethane
- 1,1,2,2-Tetrachloroethane
- 1,2-Dichloropropane (1,2-DCP)
- trans-1,3-Dichloropropene
- Trichloroethylene (TCE)
- Dibromochloromethane
- 1,1,2-Trichloroethane
- Benzene

Table 1-2. Chemical Constituents Monitored in Groundwater During 1991

ORGANICS [5] (continued)
- cis-1,3-Dichloropropene
- Bromoform(CBr_4)
- 2-Hexanone
- 4-Methyl-2-pentanone
- Tetrachloroethene (PCE)
- Toluene (C_7H_8)
- Chlorobenzene (C_6H_5CL)
- Ethyl Benzene
- Styrene
- Xylenes (Total)

RADIONUCLIDES [6]
Gross Alpha
Gross Beta
Uranium 233+234; 234; 235; and 238 (U-233,234, 235, and 238) - dissolved
Americium 241 (Am-241) - total
Plutonium 239+240 (Pu-239,240) - total
Strontium 89+90 (Sr-89,90) - dissolved
Cesium 137 (Cs-137) - total
Tritium
Radium 226; 228 (Ra-226,228) - dissolved

(1) Not analyzed prior to 1989.
(2) Analyses in 1990 are for total chromium. Chromium (IV) was analyzed during fourth quarter 1987 only.
(3) Prior to 1989, lithium was only analyzed during fourth 1987 and first quarter 1988.
(4) Cyanide was not analyzed during fourth quarter 1987.
(5) Not analyzed in background samples in 1989.
(6) Dissolved radionuclides replaced total radionuclides (except tritium) beginning with the third quarter 1987. During 1991, only total concentrations of Am-241, Pu-239,240, and Cs-137 were analyzed.
(7) Strontium 89+90 was not analyzed during first quarter 1988.
(8) Not analyzed prior to 1989, and only analyzed if gross alpha exceeds 5 pCi/l.

Table 1-3 Background Groundwater Quality Exceedance Values in the Uppermost Aquifer

Analyte	Background GroundWater Quality Exceedance Value	Concentration Unit
Al	0.327*	mg/l
Sb	0.5*	mg/l
As	0.01*	mg/l
Ba	0.2*	mg/l
Be	0.005*	mg/l
Cd	0.0111*	mg/l
Ca	62.5908#	mg/l
Cs	2.5*	mg/l
Cr	0.02*	mg/l
Co	0.05*	mg/l
Cu	0.0477*	mg/l
Fe	0.944*	mg/l
Pb	0.0396*	mg/l
Li	1.79*	mg/l
Mg	16.0851#	mg/l
Mn	0.2133#	mg/l
Hg	0.0008*	mg/l
Mo	0.5*	mg/l
Ni	0.0432*	mg/l
K	11.3*	mg/l
Se	0.221*	mg/l
Ag	0.004*	mg/l
Na	46.7359#	mg/l
Sr	7.12*	mg/l
Tl	1*	mg/l
Sn	1*	mg/l
V	0.05*	mg/l
Zn	0.141*	mg/l
TDS	388.7575#	mg/l
Cl(north)	10.6716#	mg/l
Cl(south)	21.9777#	mg/l
NO_2+NO_3	3.4338#	mg/l
SO4	67.0794#	mg/l
HCO3	249.3524#	mg/l
CO3	5*	mg/l
pH	8.219#	pH unit
CN	0.01*	mg/l
Gross Alpha	55.0708#	pCi/l
Gross Beta	59.6331#	pCi/l
U-233,234	0.1*	pCi/l
U-235	2.0862#	pCi/l
U-238	25.5702#	pCi/l
Sr-89,90	0.9004[1]#	pCi/l
Pu-239	0.0105#	pCi/l
Am-241	0.0167#	pCi/l
Cs-137	0.5061#	pCi/l
Ra-226	96.2939#	pCi/l
Ra-228	DL	pCi/l
Tritium	359.0676#	pCi/l
Organics	DL	ug/l
Fluoride	DL	mg/l
Oil and Gas	DL	mg/l
Phosphate	DL	mg/l
Silica, dissolved	DL	mg/l

Table 1-3 Background Groundwater Quality Exceedance Values in the Uppermost Aquifer

Analyte	Background GroundWater Quality Exceedance Value	Concentration Unit
Silicon	DL	ug/l
Total Suspended Solids	DL	mg/l
Sulfide	DL	mg/l

\# - Background Groundwater Quality Exceedance Value is equal to the upper limit of the tolerance interval reported in the 1990 Background Geochemical Characterization Report.

* - Background Groundwater Quality Exceedance Value is equal to the maximum concentration detected in background wells from the 1990 Background Geochemical Characterization Report.

1 - Tolerance interval was calculated for Strontium 90 only.

DL - Organic and inorganic compounds above detection limit are considered in exceedance of background groundwater levels if they were not included in the 1990 Background Geochemical Characterization Report.

Note: Chloride may have both a North and South value the uppermost aquifer.
Use North chloride values for the Present Landfill and Solar Evaporation Ponds only.
Use South chloride values for the West Spray Field.

Table 2-1. Solar Evaporation Ponds Groundwater Monitoring Wells

A. Solar Evaporation Ponds

	Well ID	Screened Geologic Unit
Uppermost Aquifer (Surficial Materials and Weathered Bedrock)	0260	Kacl(w)
	0460	Qrf
	1386	Qvf
	1586	Qvf
	1786	Qvf
	1886	Qc
	2086	Qc
	2187	Qc
	2286	Qrf
	2486	Qrf
	2686	Qrf
	2886	Qrf
	2986	Qrf
	3086	Kacl(w)
	3186	Kacl(w)
	3386	Qc
	3586	Qvf
	3686	Qvf
	3787	Qrf
	3887	Qrf
	5687	Qrf
	P207389	Kass(w)
	P207489	Qvf
	P207589	Kacl(w)
	P207689	Qrf
	P207789	Kacl(w)
	P207889	Qrf
	P207989	Kacl(w)
	B208089	Qc
	B208189	Kacl(w)
	B208289	Kacl(w)

Qrf: Rocky Flats Alluvium
Qc: Colluvium
Qvf: Valley Fill Alluvium
Kacl(w): Weathered Arapahoe Formation Claystone
Kass(w): Weathered Arapahoe Formation Sandstone
Kass(u): Unweathered Arapahoe Formation Sandstone

Table 2-1. Solar Evaporation Ponds Groundwater Monitoring Wells

A. Solar Evaporation Ponds

	Well ID	Screened Geologic Unit
Uppermost Aquifer (Surficial Materials and Weathered Bedrock)	B208389	Qc
	B208489	Kacl(w)
	B208589	Qvf
	B208689	Kacl(w)
	B208789	Qc
	P208989	Kacl(w)
	P209089	Kacl(w)
	P209189	Kass(w)
	P209289	Qrf
	P209389	Kass(w)
	P209489	Kacl(w)
	P209589	Kacl(w)
	P209689	Kacl(w)
	P209789	Qrf
	P209889	Kacl(w)
	P209989	Qc
	P210089	Kacl(w)
	P210189	Kass(w)
	P210289	Kass(w)
	B210389	Kacl(w)
	B210489	Qc
Lowermost Aquifer (Unweathered Bedrock) [These wells not included in geochemical data tabulations and manipulations]	1486	Kass(u)
	1686	Kass(u)
	2287BR	Kass(u)
	2386	Kass(u)
	2586	Kass(u)
	2786	Kass(u)
	3286	Kass(u)
	3486	Kass(u)
	3987	Kass(u)
	P208889	Kass(u)

Qrf: Rocky Flats Alluvium
Qc: Colluvium
Qvf: Valley Fill Alluvium
Kacl(w): Weathered Arapahoe Formation Claystone
Kass(w): Weathered Arapahoe Formation Sandstone
Kass(u): Unweathered Arapahoe Formation Sandstone

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Table 2-2. Solar Evaporation Ponds - Vertical Hydraulic Gradients Between Surficial Materials and Weathered Bedrock, 1991

Alluvial Well	Screened Unit	Bedrock Well	Screened Unit	Hydraulic Gradient (ft/ft)	Dates
P209289	Qrf	P209389	Kass(w)	0.370	7/91
2286	Qrf	P210189	Kass(w)	0.084	7/91
P207489	Qrf	P07389	Kass(w)	0.043	7/91
2686	Qrf/Kacl(w)	P207589	Kacl(w)	1.414	7/91
B208089	Qc	B208189	Kacl(w)	0.574	7/91
P207889	Qrf	P207989	Kacl(w)	1.385	7/91
P207689	Qrf	P207789	Kacl(w)	1.577	7/91

Note: Positive vertical hydraulic gradients indicate downward flow.

The vertical gradient was calculated as the quotient of the difference between elevations in water levels divided by the vertical distance between the screened intervals. Specifically, the divisor was the difference between the elevation at the center of the screened interval for the well completed in the surficial materials and the elevation of the screened interval completed in the weathered bedrock.

A vertical gradient cannot be calculated for well pair 1786 (completed in Qrf/Kacl) and B208689 (completed in Kacl) because of overlapping screened intervals.

Qrf: Rocky Flats Alluvium
Qc: Colluvium
Kacl(w): Weathered Arapahoe Formation Claystone
Kass(w): Weathered Arapahoe Formation Sandstone

Groundwater Elevation Data Summary for the Solar Evaporation Ponds - Surficial Materials, 1991

Well ID	First Quarter 1991			Second Quarter 1991			Third Quarter 1991			Fourth Quarter 1991		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0460	5964.88	-----	-----	5965.82	-----	5968.12	5967.43	5967.58	-----	5965.86	-----	-----
1386	5834.74	-----	5834.44	5834.36	5834.37	5834.96	5833.65	5831.11	5833.45	5833.64	5827.96	-----
1586	5843.65	-----	5843.90	5844.29	-----	-----	5843.69	-----	-----	5843.61	-----	-----
1786	5862.95	-----	5863.40	5862.74	5863.49	5863.39	5862.82	5863.24	5862.89	5862.98	5863.20	-----
1886	--Dry--	-----	-----	--Dry--	--Dry--	--Dry--	--Dry--	--Dry--	--Dry--	--Dry--	5875.50	-----
2187	5918.74	-----	-----	5921.76	-----	5920.72	5919.42	5921.17	-----	5920.99	-----	-----
2286	5968.94	-----	-----	-----	5971.95	-----	5971.34	-----	-----	5969.80	-----	-----
2486	-----	-----	-----	--Dry--	-----	5976.20	--Dry--	--Dry--	--Dry--	--Dry--	--Dry--	5976.02
2686	5964.97	-----	-----	-----	-----	5966.37	5965.99	5965.68	5965.69	5965.34	5964.98	5966.30
2886	5955.39	-----	-----	5955.95	-----	5958.39	5957.40	5956.90	5956.43	5955.90	5955.43	-----
2986	--Dry--	-----	-----	-----	-----	5951.72	--Dry--	--Dry--	--Dry--	--Dry--	--Dry--	--Dry--
3386	--Dry--	-----	-----	-----	-----	5946.27	5944.32	--Dry--	-----	--Dry--	-----	-----
3586	5903.16	-----	5904.19	5904.16	-----	-----	5904.53	-----	-----	5903.57	-----	-----
3686	5878.85	-----	5878.44	5877.34	-----	-----	5878.99	-----	-----	5877.94	-----	-----
3787	5959.69	-----	-----	-----	-----	5962.46	5961.79	5960.40	5961.09	5960.25	5959.55	5961.49

Groundwater elevations are measured in feet with respect to mean sea level.
Double readings in same column indicate two readings taken during the same month.
--Dry-- indicates well was dry at time of water level reading.
----- indicates no data was available for indicated month.

Groundwater Elevation Data Summary for the Solar Evaporation Ponds - Surficial Materials, 1991

Well ID	First Quarter 1991			Second Quarter 1991			Third Quarter 1991			Fourth Quarter 1991		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
3887	5963.10	-----	-----	5962.88	-----	5964.72	5964.36	-----	-----	5962.49	-----	-----
5687	5970.79	-----	-----	-----	5972.25	5970.45	5972.31	5970.38	5972.33	5971.83	5970.54	5971.59
B208089	5923.40	-----	5923.19	5922.72	5922.70	5924.12	5924.04	5923.90	5923.89	5923.66	5923.42	-----
B208389	--Dry--	-----	-----	--Dry--	-----	-----	--Dry--	-----	-----	--Dry--	-----	-----
B208589	5853.59	-----	-----	5853.57	-----	-----	5852.84	-----	-----	5852.53	-----	-----
B208789	5895.21	-----	5895.23	--Dry--	--Dry--	--Dry--	--Dry--	5895.18	5895.70	5895.77	5895.10	-----
B210489	5853.81	-----	-----	5853.76	5854.62	5854.55	5853.09	5853.52	5852.57	5852.88	5853.71	-----
P207489	5973.78	-----	-----	5974.57	5975.96	-----	5975.06	5975.08	5975.49	5975.62	5975.47	-----
P207689	5959.14	-----	5959.19	-----	5960.36	-----	5960.06	5959.82	-----	5959.19	-----	-----
P207889	5957.58	-----	5956.24	-----	-----	5959.58	5958.03	-----	-----	5957.47	-----	-----
P209289	5968.73	-----	5968.71	-----	5969.32	-----	5968.74	--Dry--	5968.75	5968.78	5968.96	5969.18
P209789	5955.02	-----	5954.58	-----	-----	5958.35	5957.52	5957.35	-----	5955.94	-----	-----
P209989	-----	-----	-----	--Dry--	--Dry--	5890.08	5889.71	--Dry--	--Dry--	--Dry--	--Dry--	--Dry--

Groundwater elevations are measured in feet with respect to mean sea level.
Double readings in same column indicate two readings taken during the same month.
--Dry-- indicates well was dry at time of water level reading.
----- indicates no data was available for indicated month.

Groundwater Elevation Data Summary for the Solar Evaporation Ponds - Weathered Bedrock, 1991

Well ID	First Quarter 1991			Second Quarter 1991			Third Quarter 1991			Fourth Quarter 1991		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0260	5926.85	-----	-----	5916.01	-----	5932.05	5920.25	5924.03	-----	5927.00	-----	-----
3086	5952.78	-----	-----	5953.04	5954.44	-----	5953.46	5952.54	-----	5953.54	-----	-----
3186	--Dry--	-----	-----	-----	-----	--Dry--	--Dry--	-----	-----	--Dry--	-----	-----
B208189	5912.39	-----	-----	5913.70	-----	-----	5916.31	-----	-----	5914.52	-----	-----
B208289	5835.75	-----	-----	5835.74	-----	-----	5835.93	-----	-----	5835.86	-----	-----
B208489	--Dry--	-----	-----	--Dry--	-----	-----	--Dry--	-----	-----	--Dry--	-----	-----
B208689	5852.94	-----	-----	5852.67	-----	-----	5854.01	-----	-----	5855.58	-----	-----
B210389	5851.58	-----	-----	5851.03	5852.10	-----	5850.21	-----	-----	5851.62	-----	-----
P207389	5973.92	-----	5974.62	-----	5976.12	-----	5975.41	5975.61	-----	5975.96	-----	-----
P207589	5949.46	-----	5950.39	-----	-----	5950.11	5949.37	-----	-----	5950.18	-----	-----
P207789	5937.81	-----	-----	5938.61	-----	5937.84	5937.58	5938.12	-----	5938.17	-----	-----
P207989	5943.39	-----	5947.52	-----	-----	5946.29	5943.82	-----	-----	5946.67	-----	-----
P208989	5947.51	-----	5947.19	-----	5949.82	-----	5949.02	5948.29	-----	5947.54	-----	-----
P209089	5949.23	-----	5951.70	-----	-----	5948.62	5946.49	5947.71	-----	5948.43	-----	-----
P209189	5967.86	-----	5967.88	-----	-----	5971.95	5970.83	-----	-----	5969.40	-----	-----

Groundwater elevations are measured in feet with respect to mean sea level.
Double readings in same column indicate two readings taken during the same month.
--Dry-- indicates well was dry at time of water level reading.
----- indicates no data was available for indicated month.

Groundwater Elevation Data Summary for the Solar Evaporation Ponds - Weathered Bedrock, 1991

Well ID	First Quarter 1991			Second Quarter 1991			Third Quarter 1991			Fourth Quarter 1991		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
P209389	5963.49	-----	5963.84	-----	5965.83	-----	5964.16	-----	-----	5963.99	-----	-----
P209489	5950.75	-----	5950.15	-----	-----	-----	5951.52	5950.52	-----	5951.09	-----	-----
P209589	5930.77	-----	5932.46	-----	-----	5931.30	5930.05	-----	-----	5931.31	-----	-----
P209689	5936.41	-----	5935.99	-----	-----	5935.45	5935.15	-----	-----	5935.85	-----	-----
P209889	5936.94	-----	5937.38	-----	-----	5938.40	5937.89	5937.93	-----	5937.15	-----	-----
P210089	5880.98	-----	-----	5880.51	-----	-----	5881.30	-----	-----	5882.06	-----	-----
P210189	5967.35	-----	5967.01	-----	5970.02	-----	5969.55	5969.59	-----	5968.22	-----	-----
P210289	5946.83	-----	5951.68	-----	-----	5950.87	5947.92	-----	-----	5951.29	-----	-----

Groundwater elevations are measured in feet with respect to mean sea level.
Double readings in same column indicate two readings taken during the same month.
--Dry-- indicates well was dry at time of water level reading.
----- indicates no data was available for indicated month.

Ground Water Quality Statistical Summary
Solar Evaporation Ponds - Surficial Materials

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
0460	AMERICIUM-241	3	0	0.0789	0.0834	0.0119	0.1509	0.0654	0.0879	0.1268	0.0310
	BICARBONATE AS CACO3	4	0	307.5000	305.0000	17.0783	0.0555	290.0000	330.0000	346.2762	268.7238
	CALCIUM	4	0	108.2500	107.0000	8.0571	0.0744	100.0000	119.0000	126.5436	89.9564
	CHLORIDE (North)	4	0	31.5000	30.0000	5.1962	0.1650	27.0000	39.0000	43.2979	19.7021
	FLUORIDE	4	0	1.6000	1.6000	0.1826	0.1141	1.4000	1.8000	2.0145	1.1855
	GROSS ALPHA - DISSOLVED	3	0	16.8200	13.9600	5.8140	0.3457	12.9900	23.5100	40.1994	-6.5594
	GROSS BETA - DISSOLVED	3	0	16.8367	16.9200	5.1155	0.3038	11.6800	21.9100	37.4074	-3.7340
	MAGNESIUM	4	0	43.4750	42.8000	4.3707	0.1005	39.2000	49.1000	53.3986	33.5514
	NITRATE/NITRITE	4	0	61.0000	61.0000	17.9072	0.2936	41.0000	81.0000	101.6582	20.3418
	PH	4	0	7.6475	7.6400	0.0310	0.0041	7.6200	7.6900	7.7179	7.5771
	POTASSIUM	4	0	13.0000	13.0000	0.7528	0.0579	12.3000	13.7000	14.7091	11.2909
	SELENIUM	4	0	0.0081	0.0080	0.0006	0.0766	0.0074	0.0089	0.0095	0.0067
	SILICA, DISSOLVED	4	0	5.2250	5.2000	0.6602	0.1263	4.5000	6.0000	6.7239	3.7261
	SODIUM	4	0	126.2500	130.0000	11.0868	0.0878	110.0000	135.0000	151.4225	101.0775
	SPECIFIC CONDUCTANCE	4	0	1.4225	1.4000	0.0741	0.0521	1.3600	1.5300	1.5908	1.2542
	STRONTIUM	4	0	1.1550	1.1400	0.1147	0.0993	1.0500	1.2900	1.4155	0.8945
	SULFATE	4	0	100.2500	93.0000	20.9821	0.2093	85.0000	130.0000	147.8899	52.6101
	TOTAL DISSOLVED SOLIDS	4	0	957.5000	975.0000	54.3906	0.0568	880.0000	1000.0000	1080.9940	834.0062
	TOTAL SUSPENDED SOLIDS	4	0	283.7500	315.0000	201.5513	0.7103	25.0000	480.0000	741.3721	-173.8721
	TRITIUM	3	0	1214.3330	1282.0000	167.1117	0.1376	1024.0000	1337.0000	1886.3310	542.3362
	URANIUM-233,234	3	0	18.8000	19.3800	1.4498	0.0771	17.1500	19.8700	24.6299	12.9701
	URANIUM-238	3	0	7.3113	7.1840	0.3670	0.0502	7.0250	7.7250	8.7870	5.8357
	ZINC	4	0	0.2763	0.2670	0.0839	0.3037	0.2010	0.3700	0.4668	0.0857

C.V. - Coefficient of Variance.
9999.9990 - Indicates all detection values are the same; only mean value shown.

Ground Water Quality Statistical Summary
Solar Evaporation Ponds - Surficial Materials

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
1386	BICARBONATE AS CACO3	4	0	477.5000	475.0000	17.0783	0.0358	460.0000	500.0000	516.2762	438.7238
	CALCIUM	4	0	106.0000	104.5000	4.0825	0.0385	103.0000	112.0000	115.2693	96.7307
	CARBONATE AS CACO3	4	1	106.0000	104.5000	4.0825	0.0385	103.0000	112.0000	115.2693	96.7307
	CHLORIDE (North)	4	0	67.2500	67.5000	1.7078	0.0254	65.0000	69.0000	71.1276	63.3724
	CHROMIUM	4	1	0.0125	0.0121	0.0053	0.4262	0.0064	0.0193	0.0246	0.0004
	FLUORIDE	4	0	0.5500	0.5500	0.0577	0.1050	0.5000	0.6000	0.6811	0.4189
	MAGNESIUM	4	0	33.8250	34.1500	1.2121	0.0358	32.2000	34.8000	36.5770	31.0730
	NITRATE/NITRITE	4	0	0.2325	0.2150	0.1247	0.5365	0.1000	0.4000	0.5157	-0.0507
	PH	4	0	7.4950	7.5400	0.1185	0.0158	7.3200	7.5800	7.7640	7.2260
	SILICA, DISSOLVED	4	0	6.8500	6.9000	0.7767	0.1134	5.9000	7.7000	8.6136	5.0864
	SODIUM	4	0	117.2500	119.0000	6.1847	0.0527	109.0000	122.0000	131.2923	103.2077
	SPECIFIC CONDUCTANCE	4	0	1.1975	1.2150	0.0386	0.0323	1.1400	1.2200	1.2852	1.1098
	STRONTIUM	4	0	0.8750	0.8665	0.0773	0.0884	0.7910	0.9760	1.0506	0.6994
	SULFATE	4	0	283.2500	111.0000	373.0070	1.3169	71.0000	840.0000	1130.1620	-563.6625
	TOTAL DISSOLVED SOLIDS	4	0	717.5000	705.0000	37.7492	0.0526	690.0000	770.0000	803.2095	631.7905
	TOTAL SUSPENDED SOLIDS	4	0	27.0000	30.5000	10.4243	0.3861	12.0000	35.0000	50.6684	3.3316
1586	BARIUM	4	0	0.2553	0.2560	0.0133	0.0522	0.2390	0.2700	0.2855	0.2250
	BICARBONATE AS CACO3	4	0	387.5000	390.0000	5.0000	0.0129	380.0000	390.0000	398.8525	376.1475
	CALCIUM	4	0	174.2500	174.5000	4.1130	0.0236	169.0000	179.0000	183.5885	164.9115
	CARBONATE AS CACO3	4	1	174.2500	174.5000	4.1130	0.0236	169.0000	179.0000	183.5885	164.9115
	CHLORIDE (North)	4	0	130.5000	92.5000	79.7601	0.6112	87.0000	250.0000	311.5952	-50.5952
	FLUORIDE	4	0	0.5000	0.5000	0.0816	0.1633	0.4000	0.6000	0.6854	0.3146
	MAGNESIUM	4	0	42.9750	42.6500	1.0146	0.0236	42.2000	44.4000	45.2787	40.6713

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Ground Water Quality Statistical Summary
Solar Evaporation Ponds - Surficial Materials

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
1586	NITRATE/NITRITE	4	0	43.5000	41.0000	9.2556	0.2128	36.0000	56.0000	64.5149	22.4851
	PH	4	0	7.1100	7.0700	0.1169	0.0164	7.0200	7.2800	7.3754	6.8446
	SELENIUM	4	0	0.0243	0.0236	0.0039	0.1628	0.0209	0.0290	0.0332	0.0153
	SILICA, DISSOLVED	4	0	7.8250	7.7500	0.5377	0.0687	7.3000	8.5000	9.0460	6.6040
	SODIUM	4	0	111.7500	111.0000	4.1130	0.0368	108.0000	117.0000	121.0885	102.4115
	SPECIFIC CONDUCTANCE	4	0	1.6275	1.6350	0.0419	0.0258	1.5700	1.6700	1.7227	1.5323
	STRONTIUM	4	0	1.2675	1.2650	0.0435	0.0343	1.2300	1.3100	1.3663	1.1687
	SULFATE	5	0	173.2000	180.0000	63.4917	0.3666	96.0000	260.0000	279.5937	66.8063
	TOTAL DISSOLVED SOLIDS	4	0	1100.0000	1100.0000	81.6497	0.0742	1000.0000	1200.0000	1285.3850	914.6144
	TOTAL SUSPENDED SOLIDS	4	0	280.0000	130.0000	320.3123	1.1440	100.0000	760.0000	1007.2690	-447.2692
1786	BARIUM	3	0	0.2637	0.2630	0.0021	0.0079	0.2620	0.2660	0.2720	0.2553
	BICARBONATE AS CACO3	3	0	276.6667	280.0000	15.2753	0.0552	260.0000	290.0000	338.0922	215.2411
	CALCIUM	3	0	582.3333	559.0000	53.0031	0.0910	545.0000	643.0000	795.4719	369.1947
	CHLORIDE (North)	4	0	161.5000	163.0000	10.1160	0.0626	150.0000	170.0000	184.4684	138.5316
	FLUORIDE	4	0	0.7000	0.7000	0.0816	0.1166	0.6000	0.8000	0.8854	0.5146
	LITHIUM	4	0	0.3287	0.3290	0.0177	0.0538	0.3080	0.3490	0.3689	0.2886
	MAGNESIUM	3	0	180.3333	179.0000	6.1101	0.0339	175.0000	187.0000	204.9035	155.7631
	NITRATE/NITRITE	3	0	463.3333	460.0000	55.0757	0.1189	410.0000	520.0000	684.8062	241.8605
	PH	4	0	6.5125	7.0650	1.4833	0.2278	4.3200	7.6000	9.8803	3.1447
	SELENIUM	3	0	0.2147	0.2200	0.0205	0.0956	0.1920	0.2320	0.2972	0.1321
	SILICA, DISSOLVED	3	0	6.6333	6.5000	0.9074	0.1368	5.8000	7.6000	10.2821	2.9845
	SODIUM	3	0	300.6667	299.0000	5.6862	0.0189	296.0000	307.0000	323.5324	277.8009
	SPECIFIC CONDUCTANCE	4	0	5.5300	5.5400	0.1351	0.0244	5.3600	5.6800	5.8368	5.2232
	STRONTIUM	4	0	5.4600	5.5400	0.2696	0.0494	5.0700	5.6900	6.0720	4.8480

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Ground Water Quality Statistical Summary
Solar Evaporation Ponds - Surficial Materials

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1786	SULFATE	3	0	306.6667	270.0000	148.4363	0.4840	180.0000	470.0000	903.5653	-290.2320
	TOTAL DISSOLVED SOLIDS	4	0	4630.0000	4710.0000	446.7661	0.0965	4100.0000	5000.0000	5644.3820	3615.6170
	TOTAL SUSPENDED SOLIDS	4	0	1495.0000	1340.0000	410.0000	0.2742	1200.0000	2100.0000	2425.9050	564.0950
2187	BICARBONATE AS CACO3	4	0	857.5000	845.0000	28.7228	0.0335	840.0000	900.0000	922.7151	792.2849
	CHLORIDE (North)	4	0	127.5000	130.0000	5.0000	0.0392	120.0000	130.0000	138.8525	116.1475
	FLUORIDE	4	0	1.1000	1.1000	0.0817	0.0742	1.0000	1.2000	1.2854	0.9146
	NITRATE/NITRITE	3	0	0.5333	0.6000	0.2082	0.3903	0.3000	0.7000	1.3704	-0.3038
	PH	4	0	6.8775	6.8600	0.1124	0.0163	6.7600	7.0300	7.1326	6.6224
	SILICA, DISSOLVED	4	0	8.6500	8.5500	0.9110	0.1053	7.7000	9.8000	10.7185	6.5815
	SPECIFIC CONDUCTANCE	4	0	2.8950	2.8450	0.2076	0.0717	2.7200	3.1700	3.3664	2.4236
	SULFATE	4	0	775.0000	730.0000	243.3790	0.3140	540.0000	1100.0000	1327.5920	222.4080
	TOTAL DISSOLVED SOLIDS	4	0	1975.0000	2000.0000	50.0000	0.0253	1900.0000	2000.0000	2088.5250	1861.4750
	TOTAL SUSPENDED SOLIDS	4	0	30.7500	32.5000	10.6262	0.3456	18.0000	40.0000	54.8768	6.6232
2286	BICARBONATE AS CACO3	4	0	325.0000	325.0000	23.8048	0.0732	300.0000	350.0000	379.0487	270.9513
	CALCIUM	4	0	109.2500	109.0000	8.1394	0.0745	100.0000	119.0000	127.7305	90.7695
	CARBON TETRACHLORIDE	5	1	0.5445	0.6700	0.2932	0.5385	0.0025	0.8000	1.0358	0.0532
	CHLORIDE (North)	4	0	54.5000	52.5000	11.8462	0.2174	43.0000	70.0000	81.3969	27.6031
	CHLOROFORM	5	1	0.0965	0.1200	0.0474	0.4914	0.0025	0.1300	0.1760	0.0170
	FLUORIDE	4	0	0.5250	0.5000	0.0500	0.0952	0.5000	0.6000	0.6385	0.4115
	LITHIUM	4	0	0.5365	0.5190	0.1613	0.3007	0.3580	0.7500	0.9027	0.1703
	MAGNESIUM	4	0	16.0250	16.0000	0.7676	0.0479	15.2000	16.9000	17.7678	14.2822
	NITRATE/NITRITE	4	0	8.8750	8.2000	2.9511	0.3325	6.1000	13.0000	15.5755	2.1745

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Ground Water Quality Statistical Summary
Solar Evaporation Ponds - Surficial Materials

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2286	PH	4	0	7.3350	7.2650	0.1572	0.0214	7.2400	7.5700	7.6918	6.9782
	SILICA, DISSOLVED	4	0	6.6250	6.4000	1.0275	0.1551	5.7000	8.0000	8.9580	4.2920
	SODIUM	4	0	65.6250	63.3500	5.3300	0.0812	62.3000	73.5000	77.7268	53.5232
	SPECIFIC CONDUCTANCE	4	0	0.9233	0.9350	0.0577	0.0625	0.8430	0.9800	1.0542	0.7923
	STRONTIUM	4	0	0.6118	0.6285	0.0463	0.0757	0.5440	0.6460	0.7169	0.5066
	SULFATE	4	0	61.5000	62.5000	11.6762	0.1899	47.0000	74.0000	88.0108	34.9892
	TOTAL DISSOLVED SOLIDS	4	0	552.5000	570.0000	41.9325	0.0759	490.0000	580.0000	647.7077	457.2923
	TOTAL SUSPENDED SOLIDS	4	0	857.5000	855.0000	301.8140	0.3520	520.0000	1200.0000	1542.7690	172.2314
	TRICHLOROETHENE	5	1	0.4885	0.6200	0.2493	0.5102	0.0025	0.6800	0.9062	0.0708
2686	BICARBONATE AS CACO3	3	0	680.0000	660.0000	43.5890	0.0641	650.0000	730.0000	855.2820	504.7180
	CHLORIDE (North)	3	0	35.6667	36.0000	4.5092	0.1264	31.0000	40.0000	53.7995	17.5339
	FLUORIDE	3	0	4.8667	4.6000	0.6429	0.1321	4.4000	5.6000	7.4520	2.2814
	NITRATE/NITRITE	3	0	37.6667	37.0000	1.1547	0.0307	37.0000	39.0000	42.3100	33.0233
	PH	4	0	7.5025	7.5350	0.2454	0.0327	7.2300	7.7100	8.0598	6.9452
	PHOSPHATE	3	0	0.0233	0.0200	0.0058	0.2474	0.0200	0.0300	0.0465	0.0001
	SILICA, DISSOLVED	3	0	8.8333	8.6000	0.8737	0.0989	8.1000	9.8000	12.3467	5.3200
	SPECIFIC CONDUCTANCE	4	0	2.0100	2.0300	0.0548	0.0272	1.9300	2.0500	2.1344	1.8856
	SULFATE	3	0	230.0000	270.0000	105.8300	0.4601	110.0000	310.0000	655.5685	-195.5685
	TOTAL DISSOLVED SOLIDS	3	0	1300.0000	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990
2886	BICARBONATE AS CACO3	3	0	386.6667	400.0000	41.6333	0.1077	340.0000	420.0000	554.0844	219.2489
	CHLORIDE (North)	3	0	38.0000	42.0000	17.3494	0.4566	19.0000	53.0000	107.7660	-31.7660
	FLUORIDE	3	0	1.4000	1.3000	0.1732	0.1237	1.3000	1.6000	2.0965	0.7035

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Ground Water Quality Statistical Summary
Solar Evaporation Ponds - Surficial Materials

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
2886	NITRATE/NITRITE	3	0	157.3333	170.0000	89.6735	0.5700	62.0000	240.0000	517.9324	-203.2657
	PH	4	0	7.2775	7.2600	0.0419	0.0058	7.2500	7.3400	7.3726	7.1824
	SILICA, DISSOLVED	3	0	5.6333	5.3000	1.0408	0.1848	4.8000	6.8000	9.8188	1.4479
	SPECIFIC CONDUCTANCE	4	0	3.3350	3.2900	0.6250	0.1874	2.7500	4.0100	4.7540	1.9160
	SULFATE	3	0	102.0000	110.0000	23.0651	0.2261	76.0000	120.0000	194.7505	9.2495
	TOTAL DISSOLVED SOLIDS	3	0	1833.3330	1800.0000	550.7571	0.3004	1300.0000	2400.0000	4048.0620	-381.3956
	TOTAL SUSPENDED SOLIDS	3	0	8.3333	7.0000	3.2146	0.3857	6.0000	12.0000	21.2598	-4.5932
3586	1,1-DICHLOROETHANE	7	0	0.0540	0.0540	0.0075	0.1382	0.0420	0.0640	0.0629	0.0451
	1,2-DICHLOROETHENE	6	0	0.0520	0.0480	0.0194	0.3735	0.0330	0.0760	0.0787	0.0253
	BICARBONATE AS CACO3	4	0	605.0000	610.0000	10.0000	0.0165	590.0000	610.0000	627.7050	582.2950
	CALCIUM	4	0	132.5000	132.5000	2.0817	0.0157	130.0000	135.0000	137.2264	127.7736
	CHLORIDE (North)	4	0	113.0000	106.0000	18.5113	0.1638	100.0000	140.0000	155.0298	70.9702
	CHROMIUM	4	1	0.0103	0.0126	0.0044	0.4228	0.0028	0.0134	0.0202	0.0004
	FLUORIDE	4	0	0.8250	0.8000	0.0500	0.0606	0.8000	0.9000	0.9385	0.7115
	IRON	4	0	1.1382	1.0515	0.2997	0.2633	0.9000	1.5500	1.8187	0.4578
	MAGNESIUM	4	0	32.2500	32.2500	0.4204	0.0130	31.8000	32.7000	33.2046	31.2954
	MANGANESE	4	0	3.6475	3.6100	0.2141	0.0587	3.4300	3.9400	4.1335	3.1615
	PH	4	0	7.1950	7.2150	0.0656	0.0091	7.1000	7.2500	7.3440	7.0460
	SILICA, DISSOLVED	4	0	7.5000	7.4000	0.7483	0.0998	6.7000	8.5000	9.1991	5.8009
	SODIUM	4	0	176.5000	176.0000	3.0000	0.0170	174.0000	180.0000	183.3115	169.6885
	SPECIFIC CONDUCTANCE	4	0	1.4950	1.4950	0.0532	0.0356	1.4400	1.5500	1.6158	1.3742
	STRONTIUM	4	0	0.7720	0.7725	0.0209	0.0270	0.7460	0.7970	0.8194	0.7246
	SULFATE	4	0	133.5000	115.0000	67.2978	0.5041	74.0000	230.0000	286.2997	-19.2998
	TOTAL DISSOLVED SOLIDS	4	0	950.0000	950.0000	24.4949	0.0258	920.0000	980.0000	1005.6160	894.3843

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Solar Evaporation Ponds - Surficial Materials

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3586	TOTAL SUSPENDED SOLIDS	4	0	128.5000	145.0000	52.4944	0.4085	54.0000	170.0000	247.6886	9.3114
	VINYL CHLORIDE	7	0	0.5757	0.6100	0.1814	0.3150	0.3800	0.8600	0.7912	0.3603
3686	NITRATE/NITRITE	4	0	0.5100	0.5000	0.3105	0.6088	0.1400	0.9000	1.2150	-0.1950
	PH	4	0	7.1700	7.0850	0.2229	0.0311	7.0100	7.5000	7.6760	6.6640
	SPECIFIC CONDUCTANCE	4	0	3.1025	3.1150	0.4871	0.1570	2.5900	3.5900	4.2085	1.9965
3787	BICARBONATE AS CACO3	3	0	373.3333	370.0000	15.2753	0.0409	360.0000	390.0000	434.7589	311.9078
	CHLORIDE (North)	3	0	18.0000	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990
	FLUORIDE	3	0	1.7000	1.6000	0.1732	0.1019	1.6000	1.9000	2.3965	1.0035
	NITRATE/NITRITE	3	0	74.6667	85.0000	26.0832	0.3493	45.0000	94.0000	179.5536	-30.2203
	PH	4	0	7.6700	7.6300	0.1319	0.0172	7.5600	7.8600	7.9695	7.3705
	SILICA, DISSOLVED	3	0	8.5000	7.6000	2.1932	0.2580	6.9000	11.0000	17.3193	-0.3193
	SPECIFIC CONDUCTANCE	4	0	1.7425	1.7550	0.1905	0.1093	1.5000	1.9600	2.1750	1.3100
	SULFATE	3	0	133.3333	130.0000	5.7735	0.0433	130.0000	140.0000	156.5500	110.1167
	TOTAL DISSOLVED SOLIDS	3	0	1100.0000	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990
	TOTAL SUSPENDED SOLIDS	3	0	240.0000	240.0000	110.0000	0.4583	130.0000	350.0000	682.3369	-202.3369
3887	NITRATE/NITRITE	3	0	39.3333	37.0000	7.7675	0.1975	33.0000	48.0000	70.5682	8.0985
	PH	3	0	6.9400	6.9900	0.0866	0.0125	6.8400	6.9900	7.2883	6.5917
	SPECIFIC CONDUCTANCE	3	0	2.3633	2.3000	0.1930	0.0816	2.2100	2.5800	3.1393	1.5874

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Ground Water Quality Statistical Summary
Solar Evaporation Ponds - Surficial Materials

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5687	1,1-DICHLOROETHANE	3	0	0.0093	0.0100	0.0012	0.1237	0.0080	0.0100	0.0140	0.0047
	1,1-DICHLOROETHENE	3	0	0.0093	0.0100	0.0012	0.1237	0.0080	0.0100	0.0140	0.0047
	NITRATE/NITRITE	3	0	90.6667	90.0000	4.0415	0.0446	87.0000	95.0000	106.9183	74.4150
	PH	4	0	7.3500	7.3350	0.1534	0.0209	7.1800	7.5500	7.6982	7.0018
	SPECIFIC CONDUCTANCE	4	0	1.5298	1.7600	0.6267	0.4097	0.6090	1.9900	2.9528	0.1067
	TRICHLOROETHENE	3	0	0.0697	0.0700	0.0015	0.0219	0.0680	0.0710	0.0758	0.0635
B208089	PH	4	0	7.1075	7.1100	0.1619	0.0228	6.9400	7.2700	7.4752	6.7398
	SPECIFIC CONDUCTANCE	4	0	1.0575	1.0450	0.2871	0.2715	0.7600	1.3800	1.7094	0.4056
B208589	PH	4	0	7.5850	7.6050	0.1771	0.0233	7.3900	7.7400	7.9871	7.1829
	SPECIFIC CONDUCTANCE	4	0	5.8175	6.7750	3.3404	0.5742	1.0000	8.7200	13.4019	-1.7669
B210489	ANTIMONY	7	2	0.0989	0.1070	0.0650	0.6578	0.0040	0.1790	0.1761	0.0216
	BICARBONATE AS CACO3	6	0	259.0000	310.0000	125.0840	0.4829	4.0000	320.0000	430.8348	87.1652
	CADMIUM	7	3	0.0071	0.0052	0.0046	0.6482	0.0021	0.0139	0.0126	0.0016
	CALCIUM	7	1	445.1570	503.0000	187.3357	0.4208	0.0990	580.0000	667.7010	222.6130
	CARBONATE AS CACO3	6	1	445.1570	503.0000	187.3357	0.4208	0.0990	580.0000	667.7010	222.6130
	CHLORIDE (North)	6	0	135.1167	160.0000	67.1735	0.4972	0.7000	180.0000	227.3967	42.8367
	CHROMIUM	7	1	0.0423	0.0389	0.0246	0.5814	0.0113	0.0755	0.0715	0.0131
	FLUORIDE	6	1	1.2197	0.6000	1.8126	1.4861	0.1182	4.9000	3.7098	-1.2704
	LITHIUM	7	1	0.2071	0.2390	0.0861	0.4158	0.0010	0.2710	0.3095	0.1048

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Ground Water Quality Statistical Summary
Solar Evaporation Ponds - Surficial Materials

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
B210489	MAGNESIUM	7	1	144.1448	163.0000	60.4401	0.4193	0.0133	184.0000	215.9441	72.3454
	NITRATE/NITRITE	6	1	348.3350	395.0000	170.9173	0.4907	0.0100	500.0000	583.1336	113.5364
	PH	4	0	7.2050	7.1900	0.1620	0.0225	7.0500	7.3900	7.5727	6.8373
	SELENIUM	6	1	0.3037	0.3450	0.1453	0.4785	0.0010	0.4600	0.5033	0.1040
	SILICA, DISSOLVED	6	1	5.4333	6.1000	2.3963	0.4410	0.2000	7.3000	8.7253	2.1414
	SODIUM	7	1	274.3259	304.0000	126.1333	0.4598	0.2810	385.0000	424.1650	124.4867
	SPECIFIC CONDUCTANCE	4	0	5.1750	5.2850	0.6194	0.1197	4.3300	5.8000	6.5813	3.7687
	STRONTIUM	7	1	4.3303	4.7100	1.8478	0.4267	0.0018	5.9700	6.5253	2.1352
	SULFATE	6	1	470.3333	545.0000	233.4250	0.4963	2.0000	740.0000	791.0022	149.6645
	TOTAL DISSOLVED SOLIDS	6	0	4201.6670	4600.0000	2466.4180	0.5870	10.0000	7600.0000	7589.9210	813.4116
	TOTAL SUSPENDED SOLIDS	6	0	225.3333	35.5000	477.9203	2.1209	6.0000	1200.0000	881.8790	-431.2124
P207489	BICARBONATE AS CACO3	4	0	297.5000	300.0000	12.5831	0.0423	280.0000	310.0000	326.0698	268.9302
	CHLORIDE (North)	4	0	77.0000	27.5000	102.0294	1.3251	23.0000	230.0000	308.6578	-154.6578
	FLUORIDE	4	0	2.6000	0.9000	3.4670	1.3335	0.8000	7.8000	10.4718	-5.2718
	NITRATE/NITRITE	4	0	3.7250	4.0000	0.8016	0.2152	2.6000	4.3000	5.5449	1.9051
	PH	4	0	7.7125	7.7300	0.1808	0.0234	7.4900	7.9000	8.1231	7.3019
	SILICA, DISSOLVED	4	0	5.9000	6.1000	0.8524	0.1445	4.7000	6.7000	7.8355	3.9645
	SPECIFIC CONDUCTANCE	4	0	0.8000	0.8000	0.0115	0.0144	0.7900	0.8100	0.8262	0.7738
	SULFATE	4	0	87.2500	74.5000	28.6516	0.3284	70.0000	130.0000	152.3036	22.1964
	TOTAL DISSOLVED SOLIDS	4	0	472.5000	475.0000	9.5743	0.0203	460.0000	480.0000	494.2384	450.7616
P207689	BICARBONATE AS CACO3	6	0	323.8333	385.0000	159.2488	0.4918	3.0000	430.0000	542.6022	105.0645
	CALCIUM	6	1	85.1024	91.2000	40.7114	0.4784	0.1145	131.0000	141.0299	29.1749

C.V. - Coefficient of Variance.
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Ground Water Quality Statistical Summary
Solar Evaporation Ponds - Surficial Materials

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
P207689	CHLORIDE (North)	6	1	50.8500	48.5000	32.1835	0.6329	0.1000	110.0000	95.0623	6.6377
	FLUORIDE	6	1	2.2250	2.5500	0.9839	0.4422	0.0500	2.9000	3.5767	0.8733
	MAGNESIUM	6	1	91.5692	98.4000	43.9399	0.4799	0.0153	142.0000	151.9319	31.2066
	NITRATE/NITRITE	6	1	59.8350	35.5000	52.3253	0.8745	0.0100	150.0000	131.7172	-12.0472
	PH	4	0	7.1375	7.4450	0.7121	0.0998	6.0800	7.5800	8.7543	5.5207
	SELENIUM	6	2	0.0097	0.0075	0.0108	1.1220	0.0014	0.0310	0.0245	-0.0052
	SILICA, DISSOLVED	6	1	7.5667	8.7000	3.3370	0.4410	0.2000	10.0000	12.1509	2.9824
	SODIUM	6	1	97.8429	114.0000	44.9622	0.4595	0.0575	134.0000	159.6100	36.0759
	SPECIFIC CONDUCTANCE	4	0	1.8825	1.8000	0.3626	0.1926	1.5600	2.3700	2.7058	1.0592
	STRONTIUM	6	1	2.3186	2.4600	1.1130	0.4800	0.0016	3.5400	3.8476	0.7896
	SULFATE	6	1	107.3333	115.0000	53.8939	0.5021	1.0000	170.0000	181.3704	33.2963
	TOTAL DISSOLVED SOLIDS	6	1	707.7456	630.0000	662.4210	0.9360	36.4738	1500.0000	1617.7500	-202.2588
	TOTAL SUSPENDED SOLIDS	6	1	414.1999	185.0000	500.0902	1.2074	6.0000	1100.0000	1101.2020	-272.8018
P207889	BICARBONATE AS CACO3	4	0	327.5000	325.0000	25.0000	0.0763	300.0000	360.0000	384.2625	270.7375
	CALCIUM	4	0	103.5500	101.6000	12.0724	0.1166	93.0000	118.0000	130.9604	76.1396
	CHLORIDE (North)	4	0	58.2500	56.5000	5.4391	0.0934	54.0000	66.0000	70.5994	45.9006
	FLUORIDE	4	0	2.2750	2.3500	0.3948	0.1735	1.8000	2.6000	3.1713	1.3787
	MAGNESIUM	4	0	69.2500	69.5000	2.8017	0.0405	65.6000	72.4000	75.6113	62.8887
	NITRATE/NITRITE	4	0	29.2500	30.0000	4.1130	0.1406	24.0000	33.0000	38.5885	19.9115
	PH	4	0	7.7375	7.7200	0.2947	0.0381	7.4000	8.1100	8.4065	7.0685
	SELENIUM	4	0	0.0204	0.0192	0.0048	0.2367	0.0160	0.0270	0.0313	0.0094
	SILICA, DISSOLVED	4	0	5.3750	5.5000	0.5500	0.1023	4.6000	5.9000	6.6238	4.1262
	SODIUM	4	0	175.7500	177.5000	5.6789	0.0323	168.0000	180.0000	188.6440	162.8560
	SPECIFIC CONDUCTANCE	4	0	1.8575	1.9000	0.2439	0.1313	1.5400	2.0900	2.4113	1.3037

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Ground Water Quality Statistical Summary
Solar Evaporation Ponds - Surficial Materials

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
P207889	STRONTIUM	4	0	1.5600	1.5450	0.0821	0.0526	1.4800	1.6700	1.7463	1.3737
	SULFATE	4	0	395.0000	360.0000	98.8264	0.2502	320.0000	540.0000	619.3854	170.6146
	TOTAL DISSOLVED SOLIDS	4	0	1150.0000	1150.0000	129.0994	0.1123	1000.0000	1300.0000	1443.1200	856.8797
P209289	PH	4	0	7.8825	7.8650	0.1576	0.0200	7.7400	8.0600	8.2403	7.5247
	SPECIFIC CONDUCTANCE	4	0	1.1650	1.1500	0.1660	0.1425	0.9800	1.3800	1.5420	0.7880
P209789	AMERICIUM-241	3	0	0.0127	0.0127	0.0026	0.2047	0.0101	0.0153	0.0232	0.0022
	BICARBONATE AS CACO3	4	0	282.5000	280.0000	5.0000	0.0177	280.0000	290.0000	293.8525	271.1475
	CALCIUM	4	0	97.9000	97.7000	4.8785	0.0498	92.2000	104.0000	108.9765	86.8235
	CHLORIDE (North)	4	0	15.7500	16.0000	1.2583	0.0799	14.0000	17.0000	18.6070	12.8930
	FLUORIDE	4	0	1.8750	1.9000	0.1258	0.0671	1.7000	2.0000	2.1607	1.5893
	GROSS ALPHA - DISSOLVED	3	0	4.7717	4.4290	1.1133	0.2333	3.8700	6.0160	9.2484	0.2949
	MAGNESIUM	4	0	34.0000	34.2500	2.8460	0.0837	30.7000	36.8000	40.4619	27.5381
	NITRATE/NITRITE	4	0	40.0000	44.0000	12.9872	0.3247	22.0000	50.0000	69.4874	10.5126
	PH	4	0	7.1050	7.4350	0.8109	0.1141	5.9000	7.6500	8.9463	5.2637
	SELENIUM	4	0	0.0060	0.0060	0.0008	0.1361	0.0050	0.0070	0.0079	0.0041
	SILICA, DISSOLVED	4	0	5.6000	5.8000	0.9416	0.1681	4.4000	6.4000	7.7380	3.4620
	SODIUM	4	0	75.5250	74.2000	8.5687	0.1135	67.1000	86.6000	94.9801	56.0699
	SPECIFIC CONDUCTANCE	4	0	1.0600	1.0500	0.0748	0.0706	0.9800	1.1600	1.2299	0.8901
	STRONTIUM	4	0	0.9218	0.9295	0.0899	0.0975	0.8080	1.0200	1.1258	0.7177
	SULFATE	4	0	73.7500	63.0000	24.2951	0.3294	59.0000	110.0000	128.9119	18.5881
	TOTAL DISSOLVED SOLIDS	4	0	690.0000	680.0000	35.5903	0.0516	660.0000	740.0000	770.8077	609.1923
	TOTAL SUSPENDED SOLIDS	4	0	52.2500	27.0000	58.7785	1.1249	15.0000	140.0000	185.7067	-81.2067

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Ground Water Quality Statistical Summary
Solar Evaporation Ponds - Surficial Materials

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
P209789	TRITIUM	3	0	657.3666	568.7000	233.3934	0.3550	481.3000	922.1000	1595.8990	-281.1654
	URANIUM-233,234	3	0	3.3247	2.8150	1.0011	0.3011	2.6810	4.4780	7.3502	-0.7008
	URANIUM-238	3	0	2.6827	2.6360	0.4677	0.1744	2.2400	3.1720	4.5636	0.8017

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Ground Water Quality Statistical Summary
Solar Evaporation Ponds - Weathered Bedrock

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
0260	ALUMINUM	4	0	0.3830	0.3880	0.0235	0.0613	0.3520	0.4040	0.4363	0.3297
	ANTIMONY	4	0	0.3088	0.3555	0.1434	0.4643	0.1050	0.4190	0.6342	-0.0167
	BICARBONATE AS CACO3	4	0	77.7500	79.0000	6.0208	0.0774	70.0000	83.0000	91.4202	64.0798
	CADMIUM	4	0	0.0212	0.0184	0.0111	0.5233	0.0112	0.0369	0.0464	-0.0040
	CALCIUM	4	0	2070.0000	2050.0000	113.4313	0.0548	1960.0000	2220.0000	2327.5460	1812.4540
	CHLORIDE (North)	4	0	820.0000	825.0000	29.4392	0.0359	780.0000	850.0000	886.8417	753.1583
	CHROMIUM	4	0	0.0560	0.0573	0.0131	0.2332	0.0402	0.0692	0.0857	0.0263
	COPPER	4	0	0.0347	0.0358	0.0027	0.0789	0.0306	0.0365	0.0409	0.0285
	FLUORIDE	4	0	0.7750	0.8000	0.0500	0.0645	0.7000	0.8000	0.8885	0.6615
	IRON	4	1	0.6651	0.1570	1.1189	1.6822	0.0065	2.3400	3.2055	-1.8753
	LITHIUM	4	0	0.4247	0.4305	0.0248	0.0584	0.3930	0.4450	0.4811	0.3684
	MAGNESIUM	4	0	655.2500	629.0000	64.3810	0.0983	612.0000	751.0000	801.4271	509.0729
	MANGANESE	4	0	0.2155	0.2075	0.0267	0.1241	0.1950	0.2520	0.2762	0.1548
	NITRATE/NITRITE	4	0	2225.0000	2250.0000	95.7427	0.0430	2100.0000	2300.0000	2442.3840	2007.6160
	PH	4	0	7.2925	7.3150	0.1977	0.0271	7.0300	7.5100	7.7414	6.8436
	POTASSIUM	4	0	59.1250	57.9000	3.4189	0.0578	56.7000	64.0000	66.8877	51.3623
	SELENIUM	4	0	0.2465	0.2465	0.0221	0.0898	0.2230	0.2700	0.2967	0.1963
	SILICA, DISSOLVED	4	0	2.4750	2.5000	0.1258	0.0508	2.3000	2.6000	2.7607	2.1893
	SODIUM	4	0	1385.0000	1370.0000	85.0490	0.0614	1300.0000	1500.0000	1578.1040	1191.8960
	STRONTIUM	4	0	22.2250	22.0000	1.5521	0.0698	20.6000	24.3000	25.7491	18.7009
	SULFATE	4	0	782.5000	765.0000	246.6273	0.3152	500.0000	1100.0000	1342.4670	222.5328
	TOTAL DISSOLVED SOLIDS	4	0	9000.0000	7500.0000	4082.4830	0.2149	6000.0000	5000.0000	8269.2800	9730.7230
	TOTAL SUSPENDED SOLIDS	4	0	715.0000	625.0000	418.9272	0.5859	310.0000	1300.0000	1666.1740	-236.1742
	ZINC	4	0	4.4725	4.3600	0.3759	0.0840	4.1700	5.0000	5.3260	3.6190

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Ground Water Quality Statistical Summary
Solar Evaporation Ponds - Weathered Bedrock

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
3086	ANTIMONY	4	0	0.1177	0.1185	0.0202	0.1713	0.0937	0.1400	0.1634	0.0719
	BICARBONATE AS CACO3	4	0	372.5000	370.0000	12.5831	0.0338	360.0000	390.0000	401.0698	343.9302
	CALCIUM	4	0	496.2500	491.5000	21.1404	0.0426	476.0000	526.0000	544.2493	448.2507
	CHLORIDE (North)	4	0	142.5000	145.0000	9.5743	0.0672	130.0000	150.0000	164.2384	120.7616
	CHROMIUM	4	0	0.0348	0.0335	0.0066	0.1890	0.0288	0.0433	0.0497	0.0199
	FLUORIDE	4	0	2.3750	2.4000	0.1500	0.0632	2.2000	2.5000	2.7156	2.0344
	LITHIUM	4	0	0.8050	0.8215	0.0486	0.0604	0.7360	0.8410	0.9153	0.6947
	MAGNESIUM	4	0	144.2500	142.5000	5.3151	0.0368	140.0000	152.0000	156.3179	132.1821
	NITRATE/NITRITE	4	0	790.0000	725.0000	140.2379	0.1775	710.0000	1000.0000	1108.4100	471.5898
	PH	4	0	7.1875	7.2850	0.2516	0.0350	6.8200	7.3600	7.7587	6.6163
	PHOSPHATE	4	0	0.0350	0.0200	0.0370	1.0562	0.0100	0.0900	0.1189	-0.0489
	POTASSIUM	4	0	32.9500	33.4500	8.2916	0.2516	23.0000	41.9000	51.7760	14.1240
	SILICA, DISSOLVED	4	0	6.9250	6.9500	0.8221	0.1187	6.0000	7.8000	8.7915	5.0585
	SODIUM	4	0	959.0000	961.0000	16.5126	0.0172	937.0000	977.0000	996.4919	921.5081
	SPECIFIC CONDUCTANCE	4	0	7.6975	7.6250	0.3774	0.0490	7.3200	8.2200	8.5544	6.8406
	STRONTIUM	4	0	4.5725	4.5700	0.2818	0.0616	4.2300	4.9200	5.2124	3.9326
	SULFATE	4	0	240.0000	200.0000	86.7948	0.3616	190.0000	370.0000	437.0675	42.9325
	TOTAL DISSOLVED SOLIDS	4	0	6300.0000	6300.0000	258.1989	0.0410	6000.0000	6600.0000	6886.2410	5713.7590
	TOTAL SUSPENDED SOLIDS	4	0	106.7500	108.5000	44.8952	0.4206	60.0000	150.0000	208.6847	4.8153
	ZINC	4	1	0.0272	0.0323	0.0127	0.4670	0.0065	0.0379	0.0561	-0.0016
B208189	BICARBONATE AS CACO3	4	0	342.5000	335.0000	26.2996	0.0768	320.0000	380.0000	402.2131	282.7869
	CARBONATE AS CACO3	4	1	342.5000	335.0000	26.2996	0.0768	320.0000	380.0000	402.2131	282.7869
	CHLORIDE (North)	4	0	87.7500	29.5000	128.4844	1.4642	12.0000	280.0000	379.4739	-203.9739

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Ground Water Quality Statistical Summary
Solar Evaporation Ponds - Weathered Bedrock

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
B208189	FLUORIDE	4	0	0.8000	0.8000	0.0817	0.1021	0.7000	0.9000	0.9854	0.6146
	NITRATE/NITRITE	4	0	1.8000	1.9500	0.3367	0.1870	1.3000	2.0000	2.5644	1.0356
	PH	4	0	7.4550	7.4450	0.1997	0.0268	7.2400	7.6900	7.9085	7.0015
	SILICA, DISSOLVED	4	0	9.4500	9.4500	0.4203	0.0445	9.0000	9.9000	10.4042	8.4958
	SPECIFIC CONDUCTANCE	4	0	0.8325	0.8000	0.1723	0.2070	0.6600	1.0700	1.2237	0.4413
	SULFATE	4	0	192.5000	190.0000	58.5235	0.3040	130.0000	260.0000	325.3776	59.6224
	TOTAL DISSOLVED SOLIDS	4	0	580.0000	630.0000	106.7708	0.1841	420.0000	640.0000	822.4230	337.5769
	TOTAL SUSPENDED SOLIDS	4	0	42.2500	17.0000	59.0501	1.3976	5.0000	130.0000	176.3233	-91.8233
B208289	NITRATE/NITRITE	3	0	44.6667	44.0000	5.0332	0.1127	40.0000	50.0000	64.9065	24.4268
	PH	4	0	7.9375	7.9550	0.1739	0.0219	7.7100	8.1300	8.3323	7.5427
	SPECIFIC CONDUCTANCE	4	0	3.3150	3.3800	0.3151	0.0951	2.8800	3.6200	4.0305	2.5995
B208689	BICARBONATE AS CACO3	4	0	442.5000	440.0000	12.5831	0.0284	430.0000	460.0000	471.0698	413.9302
	CARBONATE AS CACO3	4	1	442.5000	440.0000	12.5831	0.0284	430.0000	460.0000	471.0698	413.9302
	CHLORIDE (North)	4	0	160.0000	150.0000	27.0801	0.1693	140.0000	200.0000	221.4854	98.5146
	FLUORIDE	4	0	0.3250	0.3000	0.0500	0.1538	0.3000	0.4000	0.4385	0.2115
	NITRATE/NITRITE	4	0	1.5000	1.3000	0.6164	0.4110	1.0000	2.4000	2.8996	0.1004
	PH	4	0	6.5125	7.0250	1.1346	0.1742	4.8200	7.1800	9.0886	3.9364
	SILICA, DISSOLVED	4	0	7.6500	8.4000	1.9824	0.2591	4.8000	9.0000	12.1511	3.1489
	SPECIFIC CONDUCTANCE	4	0	4.7250	4.4850	0.5173	0.1095	4.4300	5.5000	5.8996	3.5504
	SULFATE	4	0	2600.0000	2550.0000	496.6555	0.1910	2100.0000	3200.0000	3727.6560	1472.3440
	TOTAL DISSOLVED SOLIDS	4	0	4025.0000	4050.0000	95.7427	0.0238	3900.0000	4100.0000	4242.3840	3807.6160
	TOTAL SUSPENDED SOLIDS	4	0	69.0000	58.0000	42.7863	0.6201	30.0000	130.0000	166.1463	-28.1463

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Ground Water Quality Statistical Summary
Solar Evaporation Ponds - Weathered Bedrock

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
B210389	PH	4	0	7.2825	7.2450	0.1090	0.0150	7.2000	7.4400	7.5300	7.0350
	SPECIFIC CONDUCTANCE	4	0	4.1000	3.9950	0.3383	0.0825	3.8300	4.5800	4.8682	3.3318
P207389	BICARBONATE AS CACO3	4	0	320.0000	315.0000	14.1421	0.0442	310.0000	340.0000	352.1097	287.8903
	CALCIUM	4	0	87.6750	87.2500	3.0181	0.0344	84.9000	91.3000	94.5276	80.8224
	CHLORIDE (North)	4	0	25.5000	26.0000	1.0000	0.0392	24.0000	26.0000	27.7705	23.2295
	FLUORIDE	4	0	1.2750	1.3000	0.0500	0.0392	1.2000	1.3000	1.3885	1.1615
	MAGNESIUM	4	0	21.1000	20.9000	0.6377	0.0302	20.6000	22.0000	22.5479	19.6521
	NITRATE/NITRITE	4	0	5.3500	5.5000	0.6191	0.1157	4.5000	5.9000	6.7558	3.9442
	PH	4	0	7.3075	7.5950	0.6402	0.0876	6.3500	7.6900	8.7611	5.8539
	PHOSPHATE	4	1	0.0111	0.0100	0.0064	0.5793	0.0045	0.0200	0.0258	-0.0035
	SILICA, DISSOLVED	4	0	6.1000	6.2500	0.6272	0.1028	5.3000	6.6000	7.5240	4.6760
	SODIUM	4	0	64.8000	63.9500	3.7496	0.0579	61.3000	70.0000	73.3134	56.2866
	SPECIFIC CONDUCTANCE	4	0	0.8325	0.8250	0.0287	0.0345	0.8100	0.8700	0.8977	0.7673
	STRONTIUM	4	0	0.6298	0.6305	0.0347	0.0551	0.5870	0.6710	0.7086	0.5509
	SULFATE	4	0	81.7500	77.5000	21.6391	0.2647	62.0000	110.0000	130.8815	32.6185
	TOTAL DISSOLVED SOLIDS	4	0	492.5000	490.0000	15.0000	0.0305	480.0000	510.0000	526.5575	458.4425
P207589	PH	4	0	8.3600	8.2950	0.3556	0.0425	8.0100	8.8400	9.1675	7.5525
	SPECIFIC CONDUCTANCE	4	0	1.0400	1.0450	0.0141	0.0136	1.0200	1.0500	1.0721	1.0079

C.V. - Coefficient of Variance.
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Ground Water Quality Statistical Summary
Solar Evaporation Ponds - Weathered Bedrock

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
P207789	PH	4	0	8.0325	7.9700	0.1389	0.0173	7.9500	8.2400	8.3480	7.7170
	SPECIFIC CONDUCTANCE	4	0	1.7325	1.7200	0.0403	0.0233	1.7000	1.7900	1.8240	1.6410
P207989	BICARBONATE AS CACO3	3	0	300.0000	300.0000	20.0000	0.0667	280.0000	320.0000	380.4249	219.5751
	CHLORIDE (North)	3	0	223.3333	220.0000	15.2753	0.0684	210.0000	240.0000	284.7589	161.9078
	FLUORIDE	3	0	4.7000	4.6000	0.1732	0.0369	4.6000	4.9000	5.3965	4.0035
	NITRATE/NITRITE	4	0	3.2750	3.2500	0.3202	0.0978	3.0000	3.6000	4.0019	2.5481
	PH	4	0	8.1350	8.1650	0.3512	0.0432	7.6900	8.5200	8.9325	7.3375
	SILICA, DISSOLVED	3	0	6.5667	6.7000	0.7095	0.1080	5.8000	7.2000	9.4196	3.7138
	SPECIFIC CONDUCTANCE	4	0	1.6850	1.6550	0.1085	0.0644	1.5900	1.8400	1.9313	1.4387
	SULFATE	3	0	400.0000	410.0000	215.1743	0.5379	180.0000	610.0000	1265.2690	-465.2687
	TOTAL DISSOLVED SOLIDS	3	0	1066.6670	1000.0000	115.4701	0.1083	1000.0000	1200.0000	1531.0000	602.3333
P208989	ALUMINUM	4	0	0.3350	0.3265	0.0322	0.0960	0.3060	0.3810	0.4080	0.2620
	ANTIMONY	4	0	0.1955	0.1760	0.1018	0.5209	0.1020	0.3280	0.4267	-0.0357
	BARIUM	4	0	0.7045	0.6950	0.0715	0.1014	0.6290	0.7990	0.8668	0.5422
	BICARBONATE AS CACO3	4	0	208.2500	255.0000	96.9480	0.4655	63.0000	260.0000	428.3705	-11.8705
	CADMIUM	4	1	0.0116	0.0114	0.0076	0.6584	0.0010	0.0226	0.0289	-0.0057
	CALCIUM	4	0	1712.5000	1690.0000	147.2809	0.0860	1560.0000	1910.0000	2046.9010	1378.0990
	CHLORIDE (North)	4	0	222.5000	220.0000	12.5831	0.0566	210.0000	240.0000	251.0698	193.9302
	CHROMIUM	4	0	0.0545	0.0537	0.0169	0.3111	0.0374	0.0730	0.0929	0.0160
	FLUORIDE	4	0	0.7250	0.7000	0.0500	0.0690	0.7000	0.8000	0.8385	0.6115
	LITHIUM	4	0	0.6673	0.6435	0.0743	0.1113	0.6090	0.7730	0.8359	0.4986

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Ground Water Quality Statistical Summary
Solar Evaporation Ponds - Weathered Bedrock

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
P208989	MAGNESIUM	4	0	398.7500	393.5000	30.3466	0.0761	368.0000	440.0000	467.6520	329.8480
	NITRATE/NITRITE	4	0	1244.7500	1500.0000	803.8720	0.6458	79.0000	1900.0000	3069.9410	-580.4413
	PH	3	0	6.9933	6.9500	0.0751	0.0107	6.9500	7.0800	7.2952	6.6914
	POTASSIUM	4	0	8.9725	8.8800	0.3735	0.0416	8.6700	9.4600	9.8205	8.1245
	SILICA, DISSOLVED	4	0	8.6000	8.5500	0.6272	0.0729	7.9000	9.4000	10.0240	7.1760
	SODIUM	4	0	519.0000	502.0000	36.7151	0.0707	498.0000	574.0000	602.3617	435.6383
	SPECIFIC CONDUCTANCE	4	0	12.5800	12.5200	0.3757	0.0299	12.2100	13.0700	13.4330	11.7270
	STRONTIUM	4	0	13.2750	12.8500	1.2971	0.0977	12.3000	15.1000	16.2201	10.3299
	SULFATE	4	0	177.5000	175.0000	41.1299	0.2317	130.0000	230.0000	270.8854	84.1146
	TOTAL DISSOLVED SOLIDS	4	0	1000.0000	500.0000	1414.2140	0.1286	*****.****	3000.0000	4210.9700	7789.0280
	TOTAL SUSPENDED SOLIDS	4	0	26.5000	27.0000	4.1231	0.1556	22.0000	30.0000	35.8615	17.1385
	ZINC	4	1	0.0284	0.0294	0.0075	0.2651	0.0193	0.0354	0.0455	0.0113
P209089	PH	4	0	8.1300	8.1300	0.2351	0.0289	7.8600	8.4000	8.6638	7.5962
	SPECIFIC CONDUCTANCE	4	0	0.8700	0.8650	0.0216	0.0248	0.8500	0.9000	0.9190	0.8210
P209189	BICARBONATE AS CACO3	4	0	227.5000	215.0000	35.9398	0.1580	200.0000	280.0000	309.1012	145.8988
	CALCIUM	4	0	73.4500	67.5500	17.0029	0.2315	60.5000	98.2000	112.0550	34.8450
	CHLORIDE (North)	4	0	31.5000	32.0000	2.5166	0.0799	28.0000	34.0000	37.2140	25.7860
	FLUORIDE	4	0	1.4750	1.5000	0.3775	0.2559	1.1000	1.8000	2.3321	0.6179
	LITHIUM	4	1	0.1151	0.1170	0.0188	0.1630	0.0915	0.1350	0.1577	0.0725
	MAGNESIUM	4	0	10.7450	9.5350	3.3200	0.3090	8.3100	15.6000	18.2830	3.2070
	MANGANESE	4	0	0.3003	0.2930	0.2693	0.8967	0.0183	0.5970	0.9118	-0.3112
	NITRATE/NITRITE	4	0	5.1000	2.3500	6.6818	1.3102	0.7000	15.0000	20.2711	-10.0711

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Ground Water Quality Statistical Summary
Solar Evaporation Ponds - Weathered Bedrock

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
P209189	PH	4	0	7.2150	7.1150	1.4881	0.2062	5.5000	9.1300	10.5936	3.8364
	POTASSIUM	4	0	18.3750	17.4000	4.8999	0.2667	13.9000	24.8000	29.5003	7.2497
	SILICA, DISSOLVED	4	0	7.9250	7.8500	1.0079	0.1272	6.9000	9.1000	10.2134	5.6366
	SODIUM	4	0	60.2250	59.5500	4.5405	0.0754	56.0000	65.8000	70.5341	49.9159
	SPECIFIC CONDUCTANCE	4	0	0.8500	0.8850	0.1134	0.1334	0.6900	0.9400	1.1075	0.5925
	STRONTIUM	4	0	0.2943	0.2625	0.1047	0.3559	0.2080	0.4440	0.5320	0.0565
	SULFATE	4	0	95.2500	78.5000	45.2797	0.4754	64.0000	160.0000	198.0575	-7.5575
	TOTAL DISSOLVED SOLIDS	4	0	450.0000	430.0000	73.4847	0.1633	390.0000	550.0000	616.8470	283.1530
	TOTAL SUSPENDED SOLIDS	4	0	56.5000	41.0000	35.9026	0.6354	34.0000	110.0000	138.0170	-25.0170
P209389	1,1-DICHLOROETHENE	3	0	0.0787	0.0810	0.0146	0.1861	0.0630	0.0920	0.1375	0.0198
	BICARBONATE AS CACO3	3	0	110.0000	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990
	CALCIUM	3	0	85.8000	86.6000	2.7875	0.0325	82.7000	88.1000	97.0091	74.5909
	CARBON TETRACHLORIDE	3	0	0.0337	0.0370	0.0076	0.2249	0.0250	0.0390	0.0641	0.0032
	CHLORIDE (North)	3	0	36.3333	37.0000	2.0817	0.0573	34.0000	38.0000	44.7042	27.9624
	CHLOROFORM	3	0	0.0073	0.0070	0.0006	0.0787	0.0070	0.0080	0.0097	0.0050
	FLUORIDE	3	0	0.3333	0.3000	0.0577	0.1732	0.3000	0.4000	0.5655	0.1012
	MAGNESIUM	3	0	12.9000	12.9000	0.4000	0.0310	12.5000	13.3000	14.5085	11.2915
	NITRATE/NITRITE	3	0	10.6333	10.0000	1.1846	0.1114	9.9000	12.0000	15.3970	5.8697
	PH	4	0	7.0850	7.1000	0.1873	0.0264	6.8600	7.2800	7.5103	6.6597
	SILICA, DISSOLVED	3	0	7.7000	7.6000	0.6558	0.0852	7.1000	8.4000	10.3369	5.0631
	SODIUM	3	0	38.1667	38.4000	0.4934	0.0129	37.6000	38.5000	40.1509	36.1824
	SPECIFIC CONDUCTANCE	4	0	0.7075	0.6900	0.0568	0.0803	0.6600	0.7900	0.8364	0.5786
	STRONTIUM	3	0	0.4020	0.4010	0.0115	0.0287	0.3910	0.4140	0.4484	0.3556
	SULFATE	3	0	143.3333	120.0000	40.4145	0.2820	120.0000	190.0000	305.8500	-19.1833

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Ground Water Quality Statistical Summary
Solar Evaporation Ponds - Weathered Bedrock

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
P209389	TOTAL DISSOLVED SOLIDS	3	0	443.3333	450.0000	20.8167	0.0470	420.0000	460.0000	527.0422	359.6245
P209489	BICARBONATE AS CACO3	3	0	323.3333	330.0000	11.5470	0.0357	310.0000	330.0000	369.7667	276.9000
	CARBON TETRACHLORIDE	3	0	0.0540	0.0550	0.0046	0.0849	0.0490	0.0580	0.0724	0.0356
	CHLORIDE (North)	3	0	92.3333	85.0000	15.3731	0.1665	82.0000	110.0000	154.1525	30.5142
	CHLOROFORM	3	0	0.0167	0.0160	0.0031	0.1833	0.0140	0.0200	0.0290	0.0044
	FLUORIDE	3	0	0.6333	0.6000	0.0577	0.0912	0.6000	0.7000	0.8655	0.4012
	NITRATE/NITRITE	3	0	223.3333	240.0000	37.8594	0.1695	180.0000	250.0000	375.5752	71.0915
	PH	3	0	7.1000	7.1500	0.1229	0.0173	6.9600	7.1900	7.5941	6.6059
	SILICA, DISSOLVED	3	0	6.5667	6.5000	0.2082	0.0317	6.4000	6.8000	7.4038	5.7296
	SPECIFIC CONDUCTANCE	3	0	3.0333	2.9800	0.1193	0.0393	2.9500	3.1700	3.5131	2.5536
	SULFATE	3	0	136.6667	140.0000	25.1661	0.1841	110.0000	160.0000	237.8658	35.4676
	TOTAL DISSOLVED SOLIDS	3	0	2266.6670	2200.0000	115.4701	0.0509	2200.0000	2400.0000	2731.0000	1802.3330
	TOTAL SUSPENDED SOLIDS	3	0	24.6667	21.0000	8.1445	0.3302	19.0000	34.0000	57.4178	-8.0845
	TRICHLOROETHENE	3	0	0.0643	0.0670	0.0064	0.0999	0.0570	0.0690	0.0902	0.0385
P209589	NITRATE/NITRITE	3	0	4466.6670	4200.0000	1026.3200	0.2298	3600.0000	5600.0000	8593.7520	339.5814
	PH	4	0	6.8825	6.8950	0.1646	0.0239	6.6800	7.0600	7.2562	6.5088
	SPECIFIC CONDUCTANCE	3	0	10.6800	15.4500	8.3834	0.7850	1.0000	15.5900	44.3918	-23.0318
P209689	PH	5	0	7.6940	7.7900	0.8191	0.1065	6.4000	8.6200	9.0666	6.3214
	SPECIFIC CONDUCTANCE	5	0	1.2422	1.1400	0.9082	0.7311	0.1210	2.6600	2.7640	-0.2796

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Ground Water Quality Statistical Summary
Solar Evaporation Ponds - Weathered Bedrock

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
P209889	ALUMINUM	4	0	0.3970	0.3720	0.0606	0.1527	0.3580	0.4860	0.5347	0.2593
	ANTIMONY	4	0	0.2133	0.1828	0.1547	0.7254	0.0845	0.4030	0.5646	-0.1380
	BICARBONATE AS CACO3	4	0	177.5000	180.0000	12.5831	0.0709	160.0000	190.0000	206.0698	148.9302
	CADMIUM	4	1	0.0138	0.0110	0.0114	0.8240	0.0033	0.0300	0.0397	-0.0120
	CALCIUM	4	0	1715.0000	1700.0000	36.9685	0.0216	1690.0000	1770.0000	1798.9370	1631.0630
	CHLORIDE (North)	4	0	432.5000	430.0000	5.0000	0.0116	430.0000	440.0000	443.8525	421.1475
	CHROMIUM	4	0	0.0479	0.0523	0.0153	0.3183	0.0267	0.0605	0.0826	0.0133
	COPPER	4	1	0.0242	0.0280	0.0094	0.3877	0.0083	0.0326	0.0455	0.0029
	FLUORIDE	4	0	1.3250	1.3000	0.0500	0.0377	1.3000	1.4000	1.4385	1.2115
	LITHIUM	4	0	1.5775	1.5850	0.1452	0.0921	1.4200	1.7200	1.9072	1.2478
	MAGNESIUM	4	0	644.0000	639.5000	30.7137	0.0477	612.0000	685.0000	713.7355	574.2645
	MANGANESE	4	0	0.0291	0.0255	0.0091	0.3136	0.0230	0.0426	0.0499	0.0084
	NITRATE/NITRITE	4	0	2325.0000	2300.0000	287.2281	0.1235	2000.0000	2700.0000	2977.1510	1672.8490
	PH	4	0	7.1925	7.4250	0.6174	0.0858	6.2800	7.6400	8.5943	5.7907
	PHOSPHATE	4	1	0.0111	0.0100	0.0064	0.5793	0.0045	0.0200	0.0258	-0.0035
	POTASSIUM	4	0	8.5325	8.6150	0.4708	0.0552	7.9100	8.9900	9.6014	7.4636
	SILICA, DISSOLVED	4	0	6.4000	6.3000	0.3559	0.0556	6.1000	6.9000	7.2081	5.5919
	SODIUM	4	0	1862.5000	1900.0000	81.8026	0.0439	1740.0000	1910.0000	2048.2330	1676.7670
	SPECIFIC CONDUCTANCE	4	0	19.0350	19.0400	0.4509	0.0237	18.4800	19.5800	20.0589	18.0111
	STRONTIUM	4	0	22.2750	22.5500	0.8845	0.0397	21.0000	23.0000	24.2834	20.2666
	SULFATE	4	0	542.5000	545.0000	185.0000	0.3410	330.0000	750.0000	962.5425	122.4575
	TOTAL DISSOLVED SOLIDS	4	0	8000.0000	7000.0000	2000.0000	0.1111	7000.0000	1000.0000	2541.0000	3459.0000
	TOTAL SUSPENDED SOLIDS	4	1	22.3376	20.5000	18.8092	0.8420	3.3503	45.0000	65.0438	-20.3686
	ZINC	4	1	0.0177	0.0225	0.0097	0.5477	0.0010	0.0248	0.0397	-0.0043

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Ground Water Quality Statistical Summary
Solar Evaporation Ponds - Weathered Bedrock

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
P210089	ANTIMONY	4	1	0.0757	0.0914	0.0433	0.5715	0.0030	0.1170	0.1739	-0.0225
	BICARBONATE AS CACO3	4	0	135.0000	135.0000	5.7735	0.0428	130.0000	140.0000	148.1087	121.8913
	CALCIUM	4	0	473.2500	470.5000	15.5215	0.0328	460.0000	492.0000	508.4915	438.0085
	CARBONATE AS CACO3	4	1	473.2500	470.5000	15.5215	0.0328	460.0000	492.0000	508.4915	438.0085
	CHLORIDE (North)	4	0	617.5000	650.0000	86.5544	0.1402	490.0000	680.0000	814.0218	420.9782
	CHROMIUM	4	1	0.0323	0.0325	0.0216	0.6696	0.0015	0.0626	0.0814	-0.0168
	FLUORIDE	4	0	0.3000	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990
	IRON	4	1	0.1303	0.1200	0.0717	0.5506	0.0541	0.2270	0.2932	-0.0326
	LITHIUM	4	0	0.3835	0.3790	0.0247	0.0643	0.3610	0.4150	0.4395	0.3275
	MAGNESIUM	4	0	125.2500	125.0000	3.7749	0.0301	121.0000	130.0000	133.8210	116.6791
	NITRATE/NITRITE	4	0	152.5000	150.0000	12.5831	0.0825	140.0000	170.0000	181.0698	123.9302
	PH	4	0	7.3500	7.3550	0.2981	0.0406	7.0500	7.6400	8.0269	6.6731
	POTASSIUM	4	0	8.5625	8.5800	0.2601	0.0304	8.2600	8.8300	9.1529	7.9721
	SELENIUM	4	0	1.1250	1.1500	0.0957	0.0851	1.0000	1.2000	1.3424	0.9076
	SILICA, DISSOLVED	4	0	5.7750	5.8000	0.4425	0.0766	5.3000	6.2000	6.7798	4.7702
	SODIUM	4	0	344.0000	342.5000	7.1647	0.0208	337.0000	354.0000	360.2675	327.7325
	SPECIFIC CONDUCTANCE	4	0	4.7550	4.6900	0.3604	0.0758	4.4000	5.2400	5.5733	3.9367
	STRONTIUM	4	0	4.3425	4.3600	0.1226	0.0282	4.1800	4.4700	4.6208	4.0642
	SULFATE	4	0	925.0000	815.0000	252.5206	0.2730	770.0000	1300.0000	1498.3480	351.6519
	TOTAL DISSOLVED SOLIDS	4	0	3450.0000	3450.0000	238.0476	0.0690	3200.0000	3700.0000	3990.4870	2909.5130
	TOTAL SUSPENDED SOLIDS	4	0	7.5000	6.0000	3.6968	0.4929	5.0000	13.0000	15.8937	-0.8937
	ZINC	4	0	0.0327	0.0316	0.0109	0.3332	0.0229	0.0448	0.0574	0.0080
P210189	BICARBONATE AS CACO3	6	0	235.3333	280.0000	114.3795	0.4860	2.0000	290.0000	392.4628	78.2039

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Ground Water Quality Statistical Summary
Solar Evaporation Ponds - Weathered Bedrock

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
P210189	CALCIUM	5	1	93.3880	116.0000	46.2478	0.4952	0.9400	118.0000	170.8858	15.8902
	CARBON TETRACHLORIDE	10	1	13.5002	13.5000	5.3519	0.3964	0.0025	21.0000	18.2746	8.7259
	CHLORIDE (North)	6	1	32.6500	45.5000	20.1342	0.6167	0.1000	49.0000	60.3095	4.9905
	CHLOROFORM	10	4	0.5216	0.4450	0.2007	0.3848	0.3368	1.0000	0.7007	0.3426
	FLUORIDE	6	1	0.6083	0.7000	0.2524	0.4148	0.0500	0.8000	0.9550	0.2617
	MAGNESIUM	5	1	13.6425	16.9000	6.7731	0.4965	0.1125	17.5000	24.9922	2.2928
	NITRATE/NITRITE	6	1	18.1683	21.5000	8.6840	0.4780	0.0100	26.0000	30.0980	6.2387
	PH	4	0	6.8900	7.1300	0.7475	0.1085	5.8000	7.5000	8.5872	5.1928
	PHOSPHATE	6	1	0.0200	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990
	SILICA, DISSOLVED	6	1	6.1333	7.2500	2.6569	0.4332	0.2000	7.6000	9.7832	2.4835
	SODIUM	5	1	39.7707	47.7000	19.9994	0.5029	0.0535	53.5000	73.2839	6.2575
	SPECIFIC CONDUCTANCE	4	0	0.9850	0.9650	0.1162	0.1180	0.8700	1.1400	1.2488	0.7212
	STRONTIUM	5	1	0.4041	0.5010	0.2007	0.4967	0.0037	0.5210	0.7405	0.0678
	SULFATE	6	0	41.8333	43.5000	19.8738	0.4751	6.0000	67.0000	69.1350	14.5316
	TOTAL DISSOLVED SOLIDS	6	1	474.1667	560.0000	210.4047	0.4437	5.0000	600.0000	763.2113	185.1220
	TOTAL SUSPENDED SOLIDS	6	1	92.1325	36.5000	122.4975	1.3296	0.7952	310.0000	260.4142	-76.1491
	TRICHLOROETHENE	10	1	5.6903	5.7500	2.2961	0.4035	0.0025	8.6000	7.7385	3.6420
P210289	PH	3	0	7.8967	7.8500	0.1845	0.0234	7.7400	8.1000	8.6385	7.1548
	SPECIFIC CONDUCTANCE	3	0	3.6000	3.5200	0.1473	0.0409	3.5100	3.7700	4.1924	3.0076

C.V. - Coefficient of Variance.
9999.9990 - Indicates all detection values are the same; only mean value shown.

Table 2-7. Statistics for Solar Evaporation Ponds.
Analytes with Less than 10% Quantified Results, 1991 - Groundwater Quality Data from Downgradient Monitoring Wells Exceeding the Analyte Detection Limit.

Well Location	Analyte	Analyte Detection Limit	Unit	Analyte Concen-tration	Unit	Sample Date
1786	Barium	0.2000	mg/l	0.2620	mg/l	04/18/91
1786	Barium	0.2000	mg/l	0.2630	mg/l	07/09/91
1786	Barium	0.2000	mg/l	0.2660	mg/l	10/10/91
B210489	Aluminum	0.2000	mg/l	0.2120	mg/l	01/15/91
B210489	Aluminum	0.2000	mg/l	0.6590	mg/l	07/15/91
B210489	Nickel	0.0400	mg/l	0.0469	mg/l	01/15/91
B210489	Silver	0.0100	mg/l	0.0145	mg/l	01/15/91
B210089	Aluminum	0.2000	mg/l	0.2080	mg/l	01/22/91
B210089	Nickel	0.0400	mg/l	0.1240	mg/l	01/22/91
B210089	Nickel	0.0400	mg/l	0.0445	mg/l	04/19/91
B210089	Silver	0.0100	mg/l	0.0133	mg/l	01/22/91

Table 2-8. Comparative Statistics for Solar Evaporation Ponds. Analytes with 10% to 50% Quantified Results, 1991 - Groundwater Quality Data from Downgradient Monitoring Wells Compared with Upgradient Background Data Using Test of Proportions.

Analyte	Calculated Z Statistic	Critical Values (two tail) at the 95th Percentile for the Standard Normal Distribution	Calculated Z Statistic Outside of the Critical Value Range of -1.96 to +1.96
Acetone	-0.06	±1.96	
Antimony	-2.77	±1.96	*
Carbonate as $CACO_3$	-0.33	±1.96	
Cadmium	-2.14	±1.96	*
Chromium	-1.79	±1.96	
Iron	-1.80	±1.96	
Lithium	-3.03	±1.96	*
Manganese	+0.42	±1.96	
Mercury	+0.86	±1.96	
Phosphate	+1.69	±1.96	
Potassium	-1.80	±1.96	
Zinc	-1.68	±1.96	

* Indicates the proportion of detections in the downgradient well(s) exceeds the proportion of detections in the upgradient well(s).

Table 2-9. Comparative Statistics for Solar Evaporation Ponds. Analytes with Greater Than 50% Quantified Results, 1991 - Groundwater Quality Data from Downgradient Monitoring Wells Compared with Upgradient Background Data Using Analysis of Variance (ANOVA).

Analyte	ANOVA Method Used[1]	Probability Value	<0.05
Gross Alpha	LN	0.0007	*
Gross Beta	LN	0.0743	
Uranium-233,234	LN	0.0015	*
Uranium-235	LN	0.0501	
Uranium-238	LN	0.0011	
Fluoride	LN	0.3150	
Strontium-89,90	N	0.2374	
Tritium	N	0.2441	
Plutonium-239,240,Total	N	0.7824	
Calcium	NP	0.0001	*
Magnesium	NP	0.0001	*
Sodium	NP	0.0001	*
Americum-241,Total	NP	0.7505	
Cesium-137,Total	NP	0.0587	
Bicarbonate	NP	0.4437	
Nitrate/Nitrite	NP	0.0001	*
pH	NP	0.2310	
Silica, Dissolved	NP	0.3845	
Specific Conductance	NP	0.0001	*
Sulfate	NP	0.0070	*
Total Dissolved Solids	NP	0.0001	*
Total Suspended Solids	NP	0.0001	*

[1] LN = ANOVA method for lognormally distributed data
N = ANOVA method for normally distributed data
NP = ANOVA method for nonparametric (nondistributed) data

* Indicates that the analyte concentrations in the downgradient wells are statistically greater than the analyte concentrations in the upgradient wells. This may indicate downgradient contamination.

Table 3-1. West Spray Field Groundwater Monitoring Wells

	Well ID	Screened Geologic Unit
Uppermost Aquifer (Surficial Materials and Weathered Bedrock)	4586	Qrf
	4786	Qrf
	4986	Qrf
	5086	Qrf
	5186	Qrf
	5686	Qrf
	B410589	Qrf
	B410689	Qrf
	B410789	Qrf
	B110889	Qrf
	B110989	Qrf
	B111189	Qrf
	B411289	Qrf
	B411389	Qrf
Lowermost Aquifer (Unweathered Bedrock)	4686	Kl(u)
	4886	Kl(u)
	5286	Kl(u)

Qrf: Rocky Flats Alluvium
Kl(u): Unweathered Laramie Formation Sandstone
Note: Weathered bedrock Wells 0582, 0682, 0782, 0881, 0981, and 1081 lack sufficient well construction documentation and will, therefore, not be used in this report.

Groundwater Elevation Data Summary for the West Spray Field - Surficial Materials, 1991

Well ID	First Quarter 1991			Second Quarter 1991			Third Quarter 1991			Fourth Quarter 1991		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
4586	6025.40	-----	-----	6024.47	6024.91	6039.16	6039.26	6031.63	6018.96	-----	6025.73	-----
4786	6023.56	-----	-----	6002.99	6022.70	6022.30	6022.82	6023.25	6023.38	6023.66	6023.33	-----
4986	6048.05	-----	-----	6043.87	6046.62	-----	6047.59	6048.04	-----	6048.53	6047.63	-----
5086	6071.52	-----	6071.48	6070.98	6070.96	6070.62	6070.63	6070.86	6070.97	6071.08	6071.20	-----
5186	6077.85	-----	-----	6078.18	6076.07	6081.17	6081.35	6080.69	6080.85	6079.79	6080.01	-----
5686	5981.93	-----	5982.65	5982.69	5983.07	-----	5982.02	5981.58	-----	5979.15	-----	5982.15
B110889	6040.87	-----	6040.01	6039.53	6039.35	-----	6041.45	-----	-----	6041.84	6050.83	-----
B110989	6035.51	-----	6034.88	6034.23	6034.23	6034.50	6035.73	6036.02	6036.10	6036.32	6035.57	-----
B111189	6049.18	-----	6049.26	6048.75	6048.82	6048.37	6048.25	6048.42	6048.47	6048.56	6048.67	-----
B410589	6060.30	-----	6060.17	6059.62	6059.42	-----	6059.82	-----	-----	6060.10	6060.28	-----
B410689	6049.94	-----	6048.88	6048.80	6048.62	6048.94	6049.80	6050.04	6050.26	6050.45	6049.72	-----
B410789	6045.74	-----	6045.33	6044.48	6044.51	6045.01	6046.11	6046.33	6046.50	6046.58	6045.76	-----
B411289	6065.78	-----	6066.13	6065.26	6065.07	-----	6064.60	6064.69	-----	6064.89	6064.74	-----
B411389	6056.56	-----	6056.61	6055.68	6055.66	6055.27	6055.46	6055.83	6055.97	6056.11	6056.11	-----

Groundwater elevations are measured in feet with respect to mean sea level.
Double readings in same column indicate two readings taken during the same month.
--Dry-- indicates well was dry at time of water level reading.
----- indicates no data was available for indicated month.

Ground Water Quality Statistical Summary
West Spray Field - Surficial Materials

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
4586	BICARBONATE AS CACO3	10	0	43.6000	44.0000	33.2272	0.7621	3.0000	88.0000	73.2412	13.9588
	CALCIUM	10	3	13.1899	15.2500	9.2396	0.7005	0.1330	24.5000	21.4324	4.9474
	CHLORIDE (North)	10	3	8.5100	7.9500	7.6190	0.8953	0.1000	23.0000	15.3067	1.7133
	FLUORIDE	10	3	0.2002	0.2000	0.1306	0.6521	0.0488	0.4000	0.3167	0.0838
	NITRATE/NITRITE	10	1	0.6269	0.6500	0.4981	0.7946	0.0286	1.2000	1.0712	0.1825
	PH	4	0	6.8750	6.8450	0.2491	0.0362	6.6300	7.1800	7.4405	6.3095
	SILICA, DISSOLVED	11	3	6.4273	8.4000	3.9669	0.6172	0.2000	11.0000	9.7332	3.1213
	SODIUM	10	3	8.1396	11.0000	5.2911	0.6500	0.1320	12.7000	12.8597	3.4195
	SPECIFIC CONDUCTANCE	4	0	0.1825	0.1800	0.0263	0.1441	0.1600	0.2100	0.2422	0.1228
	SULFATE	9	3	14.5227	7.0000	16.5657	1.1407	1.0045	51.0000	30.5141	-1.4688
	TOTAL DISSOLVED SOLIDS	10	3	111.5000	145.0000	71.5210	0.6414	5.0000	200.0000	175.3023	47.6977
	TOTAL SUSPENDED SOLIDS	10	3	401.6000	395.0000	320.3571	0.7977	2.0000	920.0000	687.3837	115.8163
4786	BICARBONATE AS CACO3	3	0	75.3333	76.0000	3.0551	0.0406	72.0000	78.0000	87.6184	63.0482
	CALCIUM	3	0	17.7667	17.7000	0.6028	0.0339	17.2000	18.4000	20.1905	15.3429
	CHLORIDE (North)	3	0	2.8667	3.3000	0.7506	0.2618	2.0000	3.3000	5.8848	-0.1515
	FLUORIDE	3	0	0.6000	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990
	NITRATE/NITRITE	3	0	0.9333	1.0000	0.1155	0.1237	0.8000	1.0000	1.3977	0.4690
	PH	4	0	7.4400	7.4600	0.1649	0.0222	7.2600	7.4800	7.8145	7.0655
	PHOSPHATE	3	0	0.0133	0.0100	0.0058	0.4330	0.0100	0.0200	0.0366	-0.0099
	SILICA, DISSOLVED	3	0	12.6667	13.0000	0.5774	0.0456	12.0000	13.0000	14.9883	10.3450
	SODIUM	3	0	13.5000	13.9000	0.6928	0.0513	12.7000	13.9000	16.2859	10.7141
	SPECIFIC CONDUCTANCE	4	0	0.1850	0.1750	0.0311	0.1681	0.1600	0.2300	0.2556	0.1144
	SULFATE	3	0	8.3333	6.0000	4.9329	0.5919	5.0000	14.0000	28.1697	-11.5030

C.V. - Coefficient of Variance.
9999.9990 - Indicates all detection values are the same; only mean value shown.

Ground Water Quality Statistical Summary
West Spray Field - Surficial Materials

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
4786	TOTAL DISSOLVED SOLIDS	3	0	130.0000	130.0000	10.0000	0.0769	120.0000	140.0000	170.2124	89.7876
	TOTAL SUSPENDED SOLIDS	3	0	235.0000	270.0000	126.1943	0.5370	95.0000	340.0000	742.4581	-272.4581
4986	BICARBONATE AS CACO3	6	1	42.0946	54.5000	32.0491	0.7614	1.5677	72.0000	86.1222	-1.9330
	CALCIUM	6	1	18.2284	21.6500	8.1652	0.4479	0.0705	23.4000	29.4454	7.0114
	CHLORIDE (North)	6	1	9.4667	10.5000	4.3855	0.4633	0.1000	13.0000	15.4912	3.4421
	FLUORIDE	6	1	0.3250	0.4000	0.1283	0.3947	0.0500	0.4000	0.5012	0.1488
	NITRATE/NITRITE	6	0	3.8033	3.8000	2.3302	0.6127	0.0200	7.0000	7.0044	0.6023
	PH	4	0	7.0100	6.9900	0.1738	0.0248	6.8500	7.2100	7.4045	6.6155
	SILICA, DISSOLVED	6	1	10.1833	12.5000	4.5980	0.4515	0.2000	13.0000	16.4998	3.8668
	SODIUM	6	1	15.8566	17.7500	7.3334	0.4625	0.0393	22.8000	25.9308	5.7823
	SPECIFIC CONDUCTANCE	4	0	0.2525	0.2500	0.0206	0.0816	0.2300	0.2800	0.2993	0.2057
	SULFATE	6	1	17.1248	14.5000	10.5166	0.6141	4.7489	31.0000	31.5721	2.6776
	TOTAL DISSOLVED SOLIDS	6	1	180.8333	220.0000	84.8733	0.4693	5.0000	250.0000	297.4284	64.2382
	TOTAL SUSPENDED SOLIDS	6	1	383.6667	395.0000	199.0826	0.5189	2.0000	670.0000	657.1575	110.1758
5086	BICARBONATE AS CACO3	3	0	94.0000	93.0000	2.6458	0.0281	92.0000	97.0000	104.6392	83.3608
	CALCIUM	3	0	32.0333	32.2000	0.5687	0.0178	31.4000	32.5000	34.3202	29.7465
	CHLORIDE (North)	4	0	10.1000	9.9000	1.0099	0.1000	9.1000	11.5000	12.3931	7.8069
	FLUORIDE	4	0	0.2400	0.2300	0.0490	0.2041	0.2000	0.3000	0.3512	0.1288
	MAGNESIUM	3	0	5.4467	5.4700	0.0777	0.0143	5.3600	5.5100	5.7590	5.1344
	NITRATE/NITRITE	3	0	0.9333	0.9000	0.0577	0.0619	0.9000	1.0000	1.1655	0.7012
	PH	4	0	7.0450	7.0850	0.4235	0.0601	6.4900	7.5200	8.0066	6.0834
	SILICA, DISSOLVED	3	0	13.3333	13.0000	0.5774	0.0433	13.0000	14.0000	15.6550	11.0117

C.V. - Coefficient of Variance.
9999.9990 - Indicates all detection values are the same; only mean value shown.

Ground Water Quality Statistical Summary
West Spray Field - Surficial Materials

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
5086	SODIUM	3	0	10.3333	10.3000	0.1528	0.0148	10.2000	10.5000	10.9476	9.7190
	SPECIFIC CONDUCTANCE	4	0	0.2450	0.2450	0.0058	0.0236	0.2400	0.2500	0.2581	0.2319
	SULFATE	3	0	11.0000	11.0000	1.0000	0.0909	10.0000	12.0000	15.0212	6.9788
	TOTAL DISSOLVED SOLIDS	4	0	165.7500	166.5000	5.0580	0.0305	160.0000	170.0000	177.2342	154.2658
	TOTAL SUSPENDED SOLIDS	4	0	56.2500	25.5000	70.0922	1.2461	13.0000	161.0000	215.3943	-102.8943
5186	BICARBONATE AS CACO3	4	0	28.7500	28.0000	2.2174	0.0771	27.0000	32.0000	33.7845	23.7155
	CALCIUM	4	0	17.2250	17.2500	0.4113	0.0239	16.7000	17.7000	18.1589	16.2911
	CHLORIDE (North)	4	0	4.8500	4.8500	0.3512	0.0724	4.5000	5.2000	5.6474	4.0526
	FLUORIDE	4	0	0.2000	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990
	NITRATE/NITRITE	4	0	4.8250	4.8500	0.6551	0.1358	4.0000	5.6000	6.3124	3.3376
	PH	4	0	7.0925	7.0500	0.6138	0.0865	6.3900	7.8800	8.4860	5.6990
	PHOSPHATE	4	0	0.0300	0.0150	0.0337	1.1222	0.0100	0.0800	0.1064	-0.0464
	SILICA, DISSOLVED	4	0	11.7500	12.0000	0.5000	0.0426	11.0000	12.0000	12.8853	10.6147
	SODIUM	4	0	10.5250	10.5000	0.2217	0.0211	10.3000	10.8000	11.0284	10.0216
	SPECIFIC CONDUCTANCE	4	0	0.1775	0.1750	0.0096	0.0539	0.1700	0.1900	0.1992	0.1558
	SULFATE	4	0	29.2500	29.0000	1.5000	0.0513	28.0000	31.0000	32.6558	25.8442
	TOTAL DISSOLVED SOLIDS	4	0	150.0000	145.0000	14.1421	0.0943	140.0000	170.0000	182.1097	117.8903
	TOTAL SUSPENDED SOLIDS	4	0	317.5000	295.0000	206.9420	0.6518	100.0000	580.0000	787.3618	-152.3618
5686	PH	4	0	7.1175	6.8950	0.5678	0.0798	6.7200	7.9600	8.4067	5.8283
	SPECIFIC CONDUCTANCE	4	0	0.2950	0.2850	0.0238	0.0807	0.2800	0.3300	0.3490	0.2410

C.V. - Coefficient of Variance.
9999.9990 - Indicates all detection values are the same; only mean value shown.

Ground Water Quality Statistical Summary
West Spray Field - Surficial Materials

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
B110889	CHLORIDE (North)	3	0	7.9300	7.5000	0.8329	0.1050	7.4000	8.8900	11.2792	4.5808
	FLUORIDE	3	0	0.5467	0.5400	0.0503	0.0921	0.5000	0.6000	0.7491	0.3443
	PH	4	0	7.3125	7.3300	0.1305	0.0178	7.1400	7.4500	7.6088	7.0162
	SPECIFIC CONDUCTANCE	4	0	0.2700	0.2550	0.0408	0.1512	0.2400	0.3300	0.3627	0.1773
	TOTAL DISSOLVED SOLIDS	3	0	172.0000	170.0000	3.4641	0.0201	170.0000	176.0000	185.9300	158.0700
	URANIUM-233,234	4	0	0.7475	0.7559	0.0686	0.0917	0.6561	0.8220	0.9032	0.5918
B110989	BICARBONATE AS CACO3	4	0	58.2500	75.5000	36.8725	0.6330	3.0000	79.0000	141.9691	-25.4691
	CALCIUM	4	1	14.1750	18.5500	8.1355	0.5739	0.1000	19.5000	32.6467	-4.2967
	CHLORIDE (North)	5	0	5.1760	5.9000	2.8593	0.5524	0.5000	8.2800	9.9674	0.3846
	FLUORIDE	5	1	0.2660	0.3000	0.1124	0.4224	0.0500	0.3800	0.4543	0.0777
	NITRATE/NITRITE	4	0	0.7650	1.0000	0.4700	0.6144	0.0600	1.0000	1.8321	-0.3021
	PH	4	0	6.9825	6.9350	0.1882	0.0270	6.8100	7.2500	7.4098	6.5552
	PHOSPHATE	4	1	0.0100	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990
	SILICA, DISSOLVED	4	1	7.8000	10.0000	4.4068	0.5650	0.2000	11.0000	17.8057	-2.2057
	SODIUM	4	1	11.8577	15.3500	6.8103	0.5743	0.1310	16.6000	27.3206	-3.6051
	SPECIFIC CONDUCTANCE	4	0	0.1925	0.1900	0.0126	0.0654	0.1800	0.2100	0.2211	0.1639
	SULFATE	4	0	6.7500	7.5000	2.6300	0.3896	3.0000	9.0000	12.7213	0.7787
	TOTAL DISSOLVED SOLIDS	5	1	130.2000	160.0000	64.2819	0.4937	5.0000	180.0000	237.9177	22.4823
	TOTAL SUSPENDED SOLIDS	5	1	171.1794	130.0000	198.0955	1.1572	3.8970	492.0000	503.1298	-160.7710
B111189	CHLORIDE (North)	3	0	5.0133	5.0000	0.2203	0.0439	4.8000	5.2400	5.8992	4.1275
	FLUORIDE	3	0	0.4033	0.4000	0.0058	0.0143	0.4000	0.4100	0.4265	0.3801

C.V. - Coefficient of Variance.
9999.9990 - Indicates all detection values are the same; only mean value shown.

Ground Water Quality Statistical Summary
West Spray Field - Surficial Materials

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
B111189	PH	4	0	7.1025	6.9800	0.4637	0.0653	6.7000	7.7500	8.1553	6.0497
	SPECIFIC CONDUCTANCE	4	0	0.1550	0.1500	0.0173	0.1117	0.1400	0.1800	0.1943	0.1157
	TOTAL DISSOLVED SOLIDS	3	0	166.6667	140.0000	46.1880	0.2771	140.0000	220.0000	352.4000	-19.0667
	TOTAL SUSPENDED SOLIDS	3	0	180.6667	170.0000	44.9592	0.2489	142.0000	230.0000	361.4588	-0.1254
B410589	PH	4	0	7.6150	7.7200	0.4045	0.0531	7.0400	7.9800	8.5335	6.6965
	SPECIFIC CONDUCTANCE	4	0	0.3050	0.3050	0.0058	0.0189	0.3000	0.3100	0.3181	0.2919
B410689	BICARBONATE AS CACO3	3	0	97.3333	98.0000	3.0551	0.0314	94.0000	100.0000	109.6184	85.0482
	CALCIUM	3	0	31.9000	31.8000	0.6558	0.0206	31.3000	32.6000	34.5371	29.2629
	CHLORIDE (North)	4	0	13.1575	8.1000	10.5664	0.8031	7.4300	29.0000	37.1485	-10.8335
	FLUORIDE	4	0	0.5925	0.6350	0.1350	0.2278	0.4000	0.7000	0.8990	0.2860
	MAGNESIUM	3	0	6.4700	6.4200	0.1229	0.0190	6.3800	6.6100	6.9642	5.9758
	NITRATE/NITRITE	3	0	1.7000	1.7000	0.1000	0.0588	1.6000	1.8000	2.1021	1.2979
	PH	4	0	7.5400	7.4750	0.1857	0.0246	7.4000	7.8100	7.9615	7.1185
	SILICA, DISSOLVED	3	0	10.6667	11.0000	0.5774	0.0541	10.0000	11.0000	12.9883	8.3450
	SODIUM	3	0	10.7000	10.8000	0.2646	0.0247	10.4000	10.9000	11.7640	9.6360
	SPECIFIC CONDUCTANCE	4	0	0.2525	0.2500	0.0126	0.0498	0.2400	0.2700	0.2811	0.2239
	SULFATE	3	0	8.6667	9.0000	1.5275	0.1763	7.0000	10.0000	14.8092	2.5241
	TOTAL DISSOLVED SOLIDS	4	0	182.0000	180.0000	21.3542	0.1173	158.0000	210.0000	230.4846	133.5154
	TOTAL SUSPENDED SOLIDS	4	0	116.2500	89.5000	122.5571	1.0543	16.0000	270.0000	394.5160	-162.0160
B410789	BICARBONATE AS CACO3	5	0	96.2000	120.0000	53.2184	0.5532	1.0000	120.0000	185.3786	7.0214

C.V. - Coefficient of Variance.
9999.9990 - Indicates all detection values are the same; only mean value shown.

Ground Water Quality Statistical Summary
West Spray Field - Surficial Materials

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
B410789	CALCIUM	5	1	37.4743	45.5000	18.8197	0.5022	0.0715	50.9000	69.0106	5.9380
	CHLORIDE (North)	5	1	16.0200	20.0000	7.9851	0.4984	0.1000	21.0000	29.4007	2.6393
	FLUORIDE	5	1	0.3900	0.5000	0.1744	0.4471	0.0500	0.5000	0.6822	0.0978
	MAGNESIUM	5	1	7.0511	8.6300	3.5347	0.5013	0.0055	9.3700	12.9742	1.1280
	NITRATE/NITRITE	5	1	2.8820	3.4000	1.4485	0.5026	0.0100	3.9000	5.3092	0.4548
	PH	4	0	7.1275	7.1100	0.1452	0.0204	7.0000	7.2900	7.4572	6.7978
	SILICA, DISSOLVED	5	1	8.6400	11.0000	4.2377	0.4905	0.2000	11.0000	15.7412	1.5388
	SODIUM	5	1	9.7878	11.5000	4.9305	0.5037	0.0388	13.1000	18.0499	1.5256
	SPECIFIC CONDUCTANCE	4	0	0.3375	0.3400	0.0150	0.0444	0.3200	0.3500	0.3716	0.3034
	STRONTIUM	5	1	0.1864	0.2250	0.0931	0.4997	0.0008	0.2430	0.3424	0.0303
	SULFATE	5	1	14.2000	17.0000	6.6753	0.4701	1.0000	19.0000	25.3859	3.0141
	TOTAL DISSOLVED SOLIDS	5	1	195.0000	240.0000	95.2890	0.4887	5.0000	250.0000	354.6767	35.3233
	TOTAL SUSPENDED SOLIDS	5	0	339.8000	260.0000	387.5760	1.1406	9.0000	1000.0000	989.2648	-309.6648
B411289	BICARBONATE AS CACO3	4	0	71.0000	70.5000	5.3541	0.0754	66.0000	77.0000	83.1565	58.8435
	CALCIUM	4	0	13.3500	13.2000	2.2531	0.1688	10.9000	16.1000	18.4658	8.2342
	CHLORIDE (North)	4	0	3.5250	3.0500	0.9845	0.2793	3.0000	5.0000	5.7602	1.2898
	FLUORIDE	4	0	0.3750	0.4000	0.0500	0.1333	0.3000	0.4000	0.4885	0.2615
	IRON	4	0	2.8130	2.8300	2.0449	0.7270	0.9120	4.6800	7.4560	-1.8300
	MANGANESE	4	0	1.5600	1.5250	0.3728	0.2390	1.1900	2.0000	2.4065	0.7135
	NITRATE/NITRITE	4	0	0.1900	0.1900	0.1270	0.6685	0.0800	0.3000	0.4784	-0.0984
	PH	4	0	6.9400	6.8850	0.2112	0.0304	6.7600	7.2300	7.4196	6.4604
	SILICA, DISSOLVED	4	0	11.0000	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990
	SODIUM	4	0	14.4750	14.3500	0.7500	0.0518	13.7000	15.5000	16.1778	12.7722
	SPECIFIC CONDUCTANCE	4	0	0.1975	0.1950	0.0585	0.2963	0.1300	0.2700	0.3304	0.0646

C.V. - Coefficient of Variance.
9999.9990 - Indicates all detection values are the same; only mean value shown.

Ground Water Quality Statistical Summary
West Spray Field - Surficial Materials

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
B411289	SULFATE	4	1	3.3858	3.5000	0.9429	0.2785	2.2432	4.3000	5.5267	1.2449
	TOTAL DISSOLVED SOLIDS	4	0	107.2500	105.0000	9.8446	0.0918	99.0000	120.0000	129.6022	84.8978
	TOTAL SUSPENDED SOLIDS	4	0	20.0000	20.0000	7.0238	0.3512	13.0000	27.0000	35.9475	4.0525
B411389	BICARBONATE AS CACO3	3	0	59.0000	58.0000	2.6458	0.0448	57.0000	62.0000	69.6392	48.3608
	CALCIUM	3	0	15.3333	11.5000	7.1654	0.4673	10.9000	23.6000	44.1473	-13.4806
	CHLORIDE (North)	4	0	3.2150	3.1500	0.9741	0.3030	2.1000	4.4600	5.4267	1.0033
	FLUORIDE	4	0	0.4725	0.4000	0.1517	0.3211	0.3900	0.7000	0.8170	0.1280
	NITRATE/NITRITE	3	0	0.7333	0.7000	0.0577	0.0787	0.7000	0.8000	0.9655	0.5012
	PH	4	0	7.1650	7.1750	0.2330	0.0325	6.9300	7.3800	7.6941	6.6359
	SILICA, DISSOLVED	3	0	14.6667	14.0000	2.0817	0.1419	13.0000	17.0000	23.0376	6.2958
	SODIUM	3	0	25.0000	16.2000	16.1158	0.6446	15.2000	43.6000	89.8057	-39.8057
	SPECIFIC CONDUCTANCE	4	0	0.1500	0.1350	0.0337	0.2244	0.1300	0.2000	0.2264	0.0736
	TOTAL DISSOLVED SOLIDS	4	0	142.5000	145.0000	17.0783	0.1198	120.0000	160.0000	181.2762	103.7238
	TOTAL SUSPENDED SOLIDS	4	0	505.7500	315.0000	611.3365	1.2088	23.0000	1370.0000	1893.7890	-882.2895

C.V. - Coefficient of Variance.
9999.9990 - Indicates all detection values are the same; only mean value shown.

Table 3-4. Statistics for West Spray Field.
Analytes with Less than 10% Quantified Results, 1991 - Groundwater Quality Data from Downgradient Monitoring Wells Exceeding the Analyte Detection Limit.

Well Location	Analyte Group	Analyte	Analyte Detection Limit	Unit	Analyte Concentration	Unit	Sample Date
B110889	DMET	Iron	0.1000	mg/l	0.1080	mg/l	05/06/91
B110889	DMET	Zinc	0.0200	mg/l	0.0243	mg/l	05/06/91
B110889	VOCC	4-Methyl-2-Pentanone (MIBK)	0.0100	mg/l	0.0110	mg/l	03/06/91
B110889	VOCC	Carbon Disulfide	0.0050	mg/l	0.0080	mg/l	03/06/91
B110989	DMET	Iron	0.1000	mg/l	0.1270	mg/l	05/07/91
B410689	DMET	Zinc	0.0200	mg/l	0.0422	mg/l	05/08/91
B410689	VOCC	Trichloroethene	0.0050	mg/l	0.0730	mg/l	03/09/91
B410789	DMET	Manganese	0.0150	mg/l	0.0428	mg/l	05/06/91

Table 3-5. Comparative Statistics for West Spray Field.
Analytes with 10% to 50% Quantified Results, 1991 - Groundwater Quality Data from Downgradient Monitoring Wells Compared with Upgradient Background Data Using Test of Proportions.

Analyte	Calculated Z Statistic	Critical Values (two tail) at the 95th Percentile for the Standard Normal Distribution	Calculated Z Statistic Outside of the Critical Value Range of -1.96 to +1.96
Acetone	-0.85	±1.96	
Chromium	0.17	±1.96	
Magnesium	-2.66	±1.96	*
Methylene Chloride	-0.62	±1.96	
Strontium	-2.20	±1.96	*

* Indicates the proportion of detections in the downgradient well(s) exceeds the proportion of detections in the upgradient well(s).

Table 3-6. Comparative Statistics for West Spray Field.
Analytes with Greater than 50% Quantified Results, 1991 - Groundwater Quality Data from Downgradient Monitoring Wells Compared with Upgradient Background Data using Analysis of Variance (ANOVA).

Analyte	ANOVA Method Used[1]	Probability Value	<0.05
Gross Beta	LN	0.9526	
Uranium-233,234	LN	0.0077	*
Uranium-238	LN	0.0654	
Fluoride	LN	0.0309	*
Specific Conductance	LN	0.0380	*
Sulfate	LN	0.0001	**
Calcium	N	0.0681	
Strontium-89,90	N	0.1292	
pH	N	0.3819	
Sodium	NP	0.0087	*
Gross Alpha	NP	0.8318	
Uranium-235	NP	0.8301	
Americium-241, Total	NP	0.0484	**
Cesium-137, Total	NP	0.6207	
Plutonium-239,240, Total	NP	0.1236	
Bicarbonate	NP	0.0006	*
Chloride	NP	0.0166	*
Nitrate/Nitrite	NP	0.0002	**
Phosphate	NP	0.0154	**
Silica, Dissolved	NP	0.0795	
Total Dissolved Solids	NP	0.2943	
Total Suspended Solids	NP	0.0310	*

[1] LN = ANOVA method for lognormally distributed data
N = ANOVA method for normally distributed data
NP = ANOVA method for nonparametric (nondistributed) data

* Indicates that the analyte concentrations in the downgradient wells are statistically greater than the analyte concentrations in the upgradient wells. This may indicate downgradient contamination.

** Indicates that the analyte concentrations in the upgradient wells are statistically greater than the downgradient wells. This may indicate a possible upgradient source.

Table 4-1. Present Landfill Groundwater Monitoring Wells

	Well ID	Screened Geologic Unit
Uppermost Aquifer (Surficial Materials and Weathered Bedrock)	0586	Qvf
	0686	Qvf
	0786	Qvf
	1086	Qrf
	4087	Qvf
	4287	Qvf
	5887	Qrf
	6087	Qrf
	6187	Qrf
	6287	Qrf
	6387	Qrf
	6487	Qrf/Kass(w)
	6587	Qrf/Kass(w)
	6687	Qrf
	6787	Qrf
	6887	Qrf
	7087	Qrf
	7187	Qrf
	7287	Qrf
	B106089	Qaf/Qrf
	B206189	Kacl(w)
	B206289	Kacl(w)
	B206389	Qrf/Qaf
	B206489	Qrf/Kass(w)
	B206589	Kass(w)
	B206689	Kacl(w)
	B206789	Kacl(w)
	B206889	Kacl(w)
	B206989	Kacl(w)
	B207089	Kass(w)
	B207289	Kacl(w)
Lowermost Aquifer (Unweathered Bedrock)	0886	Kass(u)
	0986	Kass(u)
	4187	Kacl(w)/Kass(u)
	B207189	Kass(u)

Qaf: Artificial Fill
Qvf: Valley Fill Alluvium
Qrf: Rocky Flats Alluvium
Kacl(w): Weathered Arapahoe Formation Claystone
Kass(w): Weathered Arapahoe Formation Sandstone
Kass(u): Unweathered Arapahoe Formation Sandstone

Groundwater Elevation Data Summary for the Present Landfill - Surficial Materials, 1991

Well ID	First Quarter 1991			Second Quarter 1991			Third Quarter 1991			Fourth Quarter 1991		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0586	5711.74	-----	5711.86	5711.34	5711.89	-----	5714.17	-----	5711.86	5710.91	-----	-----
0686	--Dry--	-----	-----	--Dry--	-----	-----	--Dry--	-----	-----	--Dry--	-----	-----
0786	5920.76	-----	-----	5920.83	-----	5921.27	5920.70	-----	-----	5919.19	-----	-----
1086	5983.74	-----	5983.78	5983.33	5985.32	5993.72	5989.78	5988.24	5987.50	5986.30	5984.85	-----
4087	--Dry--	-----	-----	--Dry--	-----	5880.62	5878.84	5876.51	--Dry--	--Dry--	--Dry--	-----
4287	--Dry--	-----	-----	5852.42	5852.54	5852.35	5850.10	--Dry--	--Dry--	--Dry--	--Dry--	-----
5887	5982.49	-----	5982.21	--Dry--	-----	5988.64	5987.32	-----	-----	5984.44	-----	-----
6087	5972.31	-----	5972.65	5972.10	-----	-----	5975.55	-----	-----	5972.64	-----	-----
6187	5972.00	-----	5972.21	5971.97	-----	-----	5974.21	-----	-----	5972.43	-----	-----
6287	5971.52	-----	5971.75	5971.46	-----	-----	5973.49	-----	-----	5971.85	-----	-----
6387	5970.63	-----	5970.47	5970.27	5970.36	5971.03	5971.07	5970.85	5970.83	5970.69	5970.57	-----
6487	5966.89	-----	5966.53	5966.21	5966.18	5966.10	5967.17	5967.56	5967.24	5966.90	5966.59	-----
6587	5969.44	-----	-----	5968.87	-----	-----	5972.60	5978.14	-----	5970.59	-----	-----
6687	5969.51	-----	5969.24	5968.93	5970.25	-----	5972.68	-----	-----	5970.61	-----	-----
6787	5959.78	-----	5960.33	5960.14	5961.19	5963.07	5961.12	5960.48	5960.07	5959.80	5959.79	-----

Groundwater elevations are measured in feet with respect to mean sea level.
Double readings in same column indicate two readings taken during the same month.
--Dry-- indicates well was dry at time of water level reading.
----- indicates no data was available for indicated month.

Groundwater Elevation Data Summary for the Present Landfill - Surficial Materials, 1991

Well ID	First Quarter 1991			Second Quarter 1991			Third Quarter 1991			Fourth Quarter 1991		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
6887	5959.66	-----	5960.15	5959.97	5961.32	-----	5960.95	-----	-----	5959.67	-----	-----
7087	5950.63	-----	--Dry--	5951.35	5951.66	5960.63	5959.23	5953.58	5955.07	5955.42	5949.90	-----
7187	5957.40	-----	5957.97	5957.84	-----	-----	5957.51	-----	-----	5956.79	-----	-----
7287	5963.60	-----	5964.60	5964.09	-----	-----	5965.06	-----	-----	5963.08	-----	-----
B106089	5972.81	-----	5973.07	5973.07	5970.59	5975.02	5973.10	5973.03	5973.10	5973.09	5971.09	-----
B206389	5955.59	-----	5955.96	5955.20	-----	-----	5959.53	-----	-----	5959.00	-----	-----
B206489	5963.00	-----	5964.37	5962.65	5966.03	-----	5965.11	-----	-----	5963.24	-----	-----

Groundwater elevations are measured in feet with respect to mean sea level.
Double readings in same column indicate two readings taken during the same month.
--Dry-- indicates well was dry at time of water level reading.
----- indicates no data was available for indicated month.

Groundwater Elevation Data Summary for the Present Landfill - Weathered Bedrock, 1991

Well ID	First Quarter 1991			Second Quarter 1991			Third Quarter 1991			Fourth Quarter 1991		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
B206189	5956.59	-----	5965.79	5953.93	-----	-----	5963.75	-----	-----	5965.50	-----	-----
B206289	5948.13	-----	5960.44	5944.92	-----	-----	5956.24	-----	-----	5955.96	-----	-----
B206589	5960.15	-----	5960.32	5959.99	5960.73	-----	5962.29	-----	-----	5960.71	-----	-----
B206689	5941.09	-----	5942.42	5949.00	-----	-----	5946.49	-----	-----	5945.20	-----	-----
B206789	5914.21	-----	5918.06	5912.95	-----	-----	5918.24	-----	-----	5917.60	-----	-----
B206889	5899.77	-----	5900.63	5899.57	5899.97	-----	5900.10	-----	-----	5900.45	-----	-----
B206989	5862.13	-----	5863.08	5860.91	5861.36	-----	5861.11	-----	-----	5862.25	-----	-----
B207089	5861.44	-----	-----	5863.27	-----	5860.47	5855.39	-----	-----	5860.59	-----	-----
B207289	--Dry--	-----	-----	--Dry--	-----	-----	--Dry--	-----	-----	--Dry--	-----	-----

Groundwater elevations are measured in feet with respect to mean sea level.
Double readings in same column indicate two readings taken during the same month.
--Dry-- indicates well was dry at time of water level reading.
----- indicates no data was available for indicated month.

Table 4-4. Present Landfill Vertical Hydraulic Gradients Between Surficial Materials and Weathered Bedrock, 1991

Alluvial Well	Screened Unit	Bedrock Well	Screened Unit	Hydraulic Gradient (ft/ft)	Date
6487	Qrf/Kass(w)	B206189	Kacl(w)	0.74	1/91
				0.05	3/91
				0.89	4/91
				0.25	7/91
				0.10	10/91
4087	Qvf	B206989	Kacl(w)	1.50	7/91

Note: Positive vertical hydraulic gradients indicate downward flow.

The vertical gradient was calculated as the quotient of the difference between elevations in water levels divided by the vertical distance between the screened intervals. Specifically, the divisor was the difference between the elevation at the center of the screened interval for the well completed in the surficial materials and the elevation at the center of the screened interval completed in the weathered bedrock.

Qrf: Rocky Flats Alluvium
Qvf: Valley Fill Alluvium
Kacl(w): Weathered Arapahoe Formation Claystone
Kass(w): Weathered Arapahoe Formation Sandstone

Ground Water Quality Statistical Summary
Present Landfill - Surficial Materials

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
0586	PH	4	0	7.4975	7.5000	0.1924	0.0257	7.2700	7.7200	7.9344	7.0606
	SPECIFIC CONDUCTANCE	4	0	5.3025	5.4900	0.4973	0.0938	4.5700	5.6600	6.4316	4.1734
0786	NITRATE/NITRITE	3	0	0.0333	0.0200	0.0231	0.6928	0.0200	0.0600	0.1262	-0.0595
	PH	4	0	7.4125	6.9550	1.1043	0.1490	6.6900	9.0500	9.9198	4.9052
	SPECIFIC CONDUCTANCE	4	0	3.0200	2.9950	0.2048	0.0678	2.8200	3.2700	3.4849	2.5551
1086	BICARBONATE AS CACO3	3	0	24.0000	25.0000	10.5357	0.4390	13.0000	34.0000	66.3664	-18.3664
	CALCIUM	4	0	14.4500	14.3000	1.1590	0.0802	13.2000	16.0000	17.0816	11.8184
	CHLORIDE (North)	4	0	4.2025	3.8500	0.8091	0.1925	3.7000	5.4100	6.0396	2.3654
	FLUORIDE	4	0	0.2025	0.2000	0.0050	0.0247	0.2000	0.2100	0.2139	0.1911
	NITRATE/NITRITE	3	0	3.1333	3.4000	1.0263	0.3275	2.0000	4.0000	7.2604	-0.9938
	PH	4	0	6.7475	6.8800	0.3359	0.0498	6.2600	6.9700	7.5102	5.9848
	SILICA, DISSOLVED	3	0	10.2667	10.0000	0.6429	0.0626	9.8000	11.0000	12.8520	7.6813
	SODIUM	4	0	9.7425	9.7100	0.2826	0.0290	9.4500	10.1000	10.3842	9.1008
	SPECIFIC CONDUCTANCE	4	0	0.1575	0.1550	0.0096	0.0608	0.1500	0.1700	0.1792	0.1358
	SULFATE	3	0	26.3333	26.0000	6.5064	0.2471	20.0000	33.0000	52.4972	0.1695
	TOTAL DISSOLVED SOLIDS	4	0	138.2500	149.0000	36.8635	0.2666	85.0000	170.0000	221.9485	54.5515
	TOTAL SUSPENDED SOLIDS	4	0	105.7500	54.5000	134.2495	1.2695	14.0000	300.0000	410.5634	-199.0634
5887	BICARBONATE AS CACO3	4	0	53.7500	54.5000	7.5000	0.1395	44.0000	62.0000	70.7787	36.7212
	CALCIUM	3	0	22.3333	21.9000	2.0841	0.0933	20.5000	24.6000	30.7139	13.9528

C.V. - Coefficient of Variance.
9999.9990 - Indicates all detection values are the same; only mean value shown.

Ground Water Quality Statistical Summary
Present Landfill - Surficial Materials

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
5887	CHLORIDE (North)	4	0	4.6250	4.5000	0.8180	0.1769	3.9000	5.6000	6.4823	2.7677
	FLUORIDE	4	0	0.2250	0.2500	0.0957	0.4255	0.1000	0.3000	0.4424	0.0076
	MAGNESIUM	4	1	5.2504	5.3050	0.4764	0.0907	4.6414	5.7500	6.3320	4.1687
	NITRATE/NITRITE	4	0	3.6750	3.8000	0.4992	0.1358	3.0000	4.1000	4.8083	2.5417
	PH	4	0	7.0800	7.0000	0.2859	0.0404	6.8300	7.4900	7.7291	6.4309
	PHOSPHATE	4	1	0.0200	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990
	SILICA, DISSOLVED	4	0	12.0000	12.0000	0.8165	0.0680	11.0000	13.0000	13.8539	10.1461
	SODIUM	4	0	11.0775	10.9000	1.1894	0.1074	9.9100	12.6000	13.7781	8.3769
	SPECIFIC CONDUCTANCE	4	0	0.2175	0.2200	0.0222	0.1019	0.1900	0.2400	0.2678	0.1672
	SULFATE	4	0	30.0000	31.0000	3.5590	0.1186	25.0000	33.0000	38.0808	21.9192
	TOTAL DISSOLVED SOLIDS	4	0	162.5000	170.0000	15.0000	0.0923	140.0000	170.0000	196.5575	128.4425
	TOTAL SUSPENDED SOLIDS	4	0	112.7500	86.0000	84.7639	0.7518	49.0000	230.0000	305.2064	-79.7064
	ZINC	4	0	0.0578	0.0545	0.0171	0.2957	0.0422	0.0799	0.0966	0.0190
6087	BICARBONATE AS CACO3	7	0	41.8571	55.0000	26.7297	0.6386	2.0000	64.0000	73.6105	10.1038
	CALCIUM	7	2	19.7140	26.4000	12.4372	0.6309	0.0990	29.0000	34.4887	4.9393
	CARBONATE AS CACO3	7	3	19.7140	26.4000	12.4372	0.6309	0.0990	29.0000	34.4887	4.9393
	CHLORIDE (North)	7	2	5.4429	4.2000	6.2493	1.1482	0.1000	20.0000	12.8667	-1.9810
	FLUORIDE	7	2	0.1154	0.1000	0.0614	0.5322	0.0471	0.2000	0.1884	0.0425
	NITRATE/NITRITE	7	0	5.1071	5.7000	3.6586	0.7164	0.0600	9.4000	9.4533	0.7610
	PH	4	0	6.2925	6.2800	0.0575	0.0091	6.2400	6.3700	6.4230	6.1620
	SILICA, DISSOLVED	7	2	7.7714	10.0000	4.8597	0.6253	0.2000	12.0000	13.5444	1.9984
	SODIUM	7	2	8.3719	11.6000	5.2650	0.6289	0.0515	12.0000	14.6263	2.1174
	SPECIFIC CONDUCTANCE	4	0	0.2400	0.2400	0.0163	0.0680	0.2200	0.2600	0.2771	0.2029
	SULFATE	7	2	17.2857	20.0000	10.9115	0.6312	1.0000	29.0000	30.2480	4.3235

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Ground Water Quality Statistical Summary
Present Landfill - Surficial Materials

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
6087	TOTAL DISSOLVED SOLIDS	7	1	234.1458	280.0000	160.1853	0.6841	13.0000	440.0000	424.4366	43.8549
	TOTAL SUSPENDED SOLIDS	7	2	2869.8470	540.0000	6242.9330	2.1754	23.6826	7000.0000	286.0900	4546.3960
6187	BICARBONATE AS CACO3	5	0	35.4000	43.0000	17.6153	0.4976	4.0000	45.0000	64.9182	5.8818
	CALCIUM	6	1	18.6831	22.1000	8.3429	0.4465	0.0985	23.3000	30.1442	7.2220
	CHLORIDE (North)	5	1	2.5200	2.9000	1.2921	0.5128	0.1000	3.6000	4.6852	0.3548
	FLUORIDE	5	1	0.1000	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990
	NITRATE/NITRITE	5	1	4.6020	6.0000	2.3600	0.5128	0.0100	6.2000	8.5567	0.6473
	PH	4	0	6.2075	6.2650	0.2211	0.0356	5.9000	6.4000	6.7095	5.7055
	SILICA, DISSOLVED	5	1	9.2400	11.0000	4.5421	0.4916	0.2000	12.0000	16.8512	1.6288
	SODIUM	6	1	8.1233	9.7400	3.5940	0.4424	0.1000	9.9900	13.0606	3.1860
	SPECIFIC CONDUCTANCE	4	0	0.2113	0.2100	0.0063	0.0298	0.2050	0.2200	0.2255	0.1970
	SULFATE	5	0	21.0000	24.0000	11.1580	0.5313	2.0000	29.0000	39.6975	2.3025
	TOTAL DISSOLVED SOLIDS	5	1	135.0000	170.0000	65.7267	0.4869	5.0000	180.0000	245.1389	24.8611
	TOTAL SUSPENDED SOLIDS	5	1	55.4000	57.0000	35.3021	0.6372	2.0000	110.0000	114.5561	-3.7561
	ZINC	6	1	0.0224	0.0221	0.0046	0.2049	0.0161	0.0300	0.0287	0.0161
6287	BICARBONATE AS CACO3	3	0	51.6667	50.0000	7.6376	0.1478	45.0000	60.0000	82.3794	20.9539
	CALCIUM	4	0	22.6250	22.8000	0.6185	0.0273	21.8000	23.1000	24.0292	21.2208
	CHLORIDE (North)	4	0	3.5775	3.4000	0.6496	0.1816	3.0000	4.5100	5.0525	2.1025
	FLUORIDE	4	0	0.1100	0.1000	0.0200	0.1818	0.1000	0.1400	0.1554	0.0646
	NITRATE/NITRITE	3	0	5.4333	5.5000	0.5033	0.0926	4.9000	5.9000	7.4573	3.4093
	PH	4	0	6.2125	6.2150	0.1370	0.0220	6.0600	6.3600	6.5235	5.9015
	PHOSPHATE	3	0	0.0133	0.0100	0.0058	0.4330	0.0100	0.0200	0.0366	-0.0099

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Ground Water Quality Statistical Summary
Present Landfill - Surficial Materials

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
6287	SILICA, DISSOLVED	3	0	11.3333	11.0000	0.5774	0.0509	11.0000	12.0000	13.6550	9.0117
	SODIUM	4	0	10.0625	10.0000	0.3146	0.0313	9.7500	10.5000	10.7767	9.3483
	SPECIFIC CONDUCTANCE	4	0	0.1975	0.1950	0.0096	0.0485	0.1900	0.2100	0.2192	0.1758
	SULFATE	3	0	29.3333	27.0000	5.8595	0.1998	25.0000	36.0000	52.8957	5.7710
	TOTAL DISSOLVED SOLIDS	4	0	172.0000	170.0000	15.5778	0.0906	158.0000	190.0000	207.3693	136.6307
	TOTAL SUSPENDED SOLIDS	4	0	196.0000	195.0000	115.7814	0.5907	56.0000	338.0000	458.8817	-66.8817
6387	1,2-DICHLOROETHENE	8	3	0.0062	0.0080	0.0034	0.5411	0.0020	0.0100	0.0098	0.0027
	BARIUM	8	2	0.3278	0.4165	0.1905	0.5811	0.0016	0.4830	0.5297	0.1259
	BICARBONATE AS CACO3	8	0	278.2500	360.0000	172.2272	0.6190	2.0000	420.0000	460.8028	95.6972
	CALCIUM	8	2	88.0259	113.0000	51.0436	0.5799	0.1035	130.0000	142.1297	33.9221
	CARBONATE AS CACO3	8	3	88.0259	113.0000	51.0436	0.5799	0.1035	130.0000	142.1297	33.9221
	CHLORIDE (North)	8	0	82.6625	36.0000	106.9675	1.2940	0.3000	320.0000	196.0431	-30.7181
	FLUORIDE	8	2	0.1750	0.2000	0.0791	0.4518	0.0500	0.3000	0.2588	0.0912
	IRON	8	2	4.6940	5.8950	2.7516	0.5862	0.0112	6.9300	7.6107	1.7774
	MAGNESIUM	8	2	15.3761	20.2500	8.8914	0.5783	0.0045	21.8000	24.8006	5.9516
	MANGANESE	8	2	2.0118	2.5700	1.1703	0.5817	0.0023	2.9600	3.2523	0.7714
	NITRATE/NITRITE	8	3	0.0439	0.0400	0.0244	0.5552	0.0154	0.0800	0.0698	0.0181
	PH	4	0	6.4750	6.3000	0.3711	0.0573	6.2700	7.0300	7.3175	5.6325
	SILICA, DISSOLVED	8	2	8.0500	10.0000	4.5779	0.5687	0.2000	12.0000	12.9024	3.1976
	SODIUM	8	2	22.2864	29.5500	12.8161	0.5751	0.0955	30.1000	35.8709	8.7019
	SPECIFIC CONDUCTANCE	4	0	0.8375	0.8400	0.0150	0.0179	0.8200	0.8500	0.8716	0.8034
	STRONTIUM	8	2	0.4100	0.5325	0.2370	0.5781	0.0014	0.5740	0.6612	0.1587
	SULFATE	8	2	25.2500	30.5000	14.3331	0.5676	1.0000	40.0000	40.4424	10.0576
	TOTAL DISSOLVED SOLIDS	8	2	367.5000	480.0000	209.6127	0.5704	5.0000	510.0000	589.6796	145.3203

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Ground Water Quality Statistical Summary
Present Landfill - Surficial Materials

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
6387	TOTAL SUSPENDED SOLIDS	8	2	765.5000	515.0000	1058.8370	1.3832	2.0000	3500.0000	1887.8180	-356.8175
	TRITIUM	4	1	765.5000	515.0000	1058.8370	1.3832	2.0000	3500.0000	1887.8180	-356.8175
	URANIUM-238	4	1	0.6366	0.7510	0.3247	0.5101	0.1113	0.9331	1.3740	-0.1007
6487	1,2-DICHLOROETHENE	4	1	0.0090	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990
	BARIUM	4	0	0.3680	0.3610	0.0333	0.0906	0.3360	0.4140	0.4437	0.2923
	BICARBONATE AS CACO3	4	0	155.0000	155.0000	5.7735	0.0372	150.0000	160.0000	168.1087	141.8913
	CALCIUM	4	0	54.1250	51.4500	8.1598	0.1508	48.0000	65.6000	72.6518	35.5982
	CHLORIDE (North)	4	0	45.7500	42.5000	21.1719	0.4628	28.0000	70.0000	93.8208	-2.3208
	FLUORIDE	4	0	0.2000	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990
	IRON	4	0	17.7000	17.9000	3.3705	0.1904	13.9000	21.1000	25.3526	10.0474
	MAGNESIUM	4	0	9.3575	8.9700	1.2809	0.1369	8.3900	11.1000	12.2659	6.4491
	MANGANESE	4	0	1.6100	1.5250	0.2115	0.1314	1.4700	1.9200	2.0902	1.1298
	NITRATE/NITRITE	4	1	0.0711	0.0400	0.0880	1.2379	0.0043	0.2000	0.2708	-0.1287
	PH	4	0	6.8150	6.6350	0.6957	0.1021	6.1900	7.8000	8.3947	5.2353
	SILICA, DISSOLVED	4	0	13.5000	13.5000	0.5774	0.0428	13.0000	14.0000	14.8109	12.1891
	SODIUM	4	0	21.9000	22.0000	1.9966	0.0912	19.8000	23.8000	26.4334	17.3666
	SPECIFIC CONDUCTANCE	4	0	0.6575	0.6600	0.1979	0.3010	0.4300	0.8800	1.1068	0.2082
	STRONTIUM	4	0	0.2817	0.2735	0.0438	0.1554	0.2400	0.3400	0.3812	0.1823
	SULFATE	4	0	16.0000	15.0000	2.8284	0.1768	14.0000	20.0000	22.4219	9.5781
	TOTAL DISSOLVED SOLIDS	4	0	260.0000	260.0000	8.1650	0.0314	250.0000	270.0000	278.5385	241.4614
	TOTAL SUSPENDED SOLIDS	4	0	74.7500	73.5000	17.9513	0.2402	58.0000	94.0000	115.5085	33.9915
	VINYL CHLORIDE	4	1	0.0138	0.0145	0.0038	0.2760	0.0093	0.0170	0.0225	0.0052

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Present Landfill - Surficial Materials

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
6587	BICARBONATE AS CACO3	3	0	96.0000	98.0000	5.2915	0.0551	90.0000	100.0000	117.2784	74.7216
	CALCIUM	4	0	38.3250	38.3000	2.7023	0.0705	35.4000	41.3000	44.4606	32.1894
	CHLORIDE (North)	3	0	3.8333	4.0000	0.7638	0.1992	3.0000	4.5000	6.9046	0.7621
	FLUORIDE	3	0	0.3000	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990
	MAGNESIUM	4	0	5.7650	5.8200	0.2391	0.0415	5.4500	5.9700	6.3079	5.2221
	MANGANESE	4	0	0.3067	0.3100	0.0087	0.0282	0.2940	0.3130	0.3264	0.2871
	NITRATE/NITRITE	3	0	5.0667	5.1000	0.2517	0.0497	4.8000	5.3000	6.0787	4.0547
	PH	3	0	6.7467	6.6700	0.1328	0.0197	6.6700	6.9000	7.2807	6.2127
	SILICA, DISSOLVED	3	0	11.3333	11.0000	0.5774	0.0509	11.0000	12.0000	13.6550	9.0117
	SODIUM	4	0	11.8500	11.9500	0.5802	0.0490	11.1000	12.4000	13.1674	10.5326
	SPECIFIC CONDUCTANCE	3	0	0.3300	0.3100	0.0436	0.1321	0.3000	0.3800	0.5053	0.1547
	SULFATE	3	0	36.3333	35.0000	5.1316	0.1412	32.0000	42.0000	56.9688	15.6979
	TOTAL DISSOLVED SOLIDS	3	0	220.0000	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990
	TOTAL SUSPENDED SOLIDS	3	0	140.0000	120.0000	52.9150	0.3780	100.0000	200.0000	352.7843	-72.7843
	TRICHLOROETHENE	3	0	0.0200	0.0210	0.0017	0.0866	0.0180	0.0210	0.0270	0.0130
6687	1,1,1-TRICHLOROETHANE	4	0	0.0263	0.0265	0.0017	0.0651	0.0240	0.0280	0.0301	0.0224
	1,1-DICHLOROETHENE	4	1	0.0053	0.0055	0.0008	0.1490	0.0044	0.0060	0.0072	0.0035
	BICARBONATE AS CACO3	3	0	60.3333	62.0000	6.6583	0.1104	53.0000	66.0000	87.1081	33.5586
	CALCIUM	5	0	28.0000	27.7000	1.4916	0.0533	26.4000	29.6000	30.4995	25.5005
	CHLORIDE (North)	3	0	4.6000	4.6000	2.4000	0.5217	2.2000	7.0000	14.2510	-5.0510
	COPPER	5	0	0.1238	0.0504	0.1707	1.3783	0.0402	0.4290	0.4098	-0.1621
	FLUORIDE	3	0	0.2667	0.3000	0.0577	0.2165	0.2000	0.3000	0.4988	0.0345
	MAGNESIUM	5	0	6.2980	6.1600	0.4049	0.0643	5.9400	6.9000	6.9764	5.6196

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Present Landfill - Surficial Materials

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6687	NITRATE/NITRITE	3	0	5.8667	6.1000	0.5860	0.0999	5.2000	6.3000	8.2229	3.5104
	PH	4	0	7.4025	7.0850	0.7208	0.0974	6.9600	8.4800	9.0392	5.7658
	PHOSPHATE	3	0	0.0300	0.0100	0.0346	1.1547	0.0100	0.0700	0.1693	-0.1093
	SILICA, DISSOLVED	3	0	11.6667	12.0000	1.5275	0.1309	10.0000	13.0000	17.8092	5.5241
	SODIUM	5	0	18.5600	16.3000	4.5413	0.2447	14.7000	25.6000	26.1698	10.9502
	SPECIFIC CONDUCTANCE	4	0	0.4250	0.4150	0.1271	0.2992	0.2900	0.5800	0.7137	0.1363
	SULFATE	3	0	63.3333	48.0000	31.8957	0.5036	42.0000	100.0000	191.5936	-64.9269
	TOTAL DISSOLVED SOLIDS	3	0	236.6667	220.0000	47.2582	0.1997	200.0000	290.0000	426.7033	46.6300
	TOTAL SUSPENDED SOLIDS	3	0	156.6667	130.0000	55.0757	0.3515	120.0000	220.0000	378.1396	-64.8062
	TRICHLOROETHENE	4	0	0.0155	0.0155	0.0006	0.0372	0.0150	0.0160	0.0168	0.0142
	ZINC	5	0	0.1197	0.1070	0.0410	0.3426	0.0839	0.1890	0.1885	0.0510
6887	BICARBONATE AS CACO3	4	0	72.7500	73.5000	2.6300	0.0362	69.0000	75.0000	78.7213	66.7787
	CALCIUM	5	0	31.3200	31.1000	1.4670	0.0468	29.7000	33.7000	33.7783	28.8617
	CHLORIDE (North)	4	0	3.7500	4.0000	1.8484	0.4929	1.3000	5.7000	7.9468	-0.4468
	FLUORIDE	4	0	0.2000	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990
	MANGANESE	5	0	0.0385	0.0381	0.0084	0.2192	0.0307	0.0521	0.0527	0.0244
	NITRATE/NITRITE	4	0	3.1500	3.2500	0.3109	0.0987	2.7000	3.4000	3.8559	2.4441
	PH	4	0	6.3650	6.3650	0.0533	0.0084	6.3100	6.4200	6.4859	6.2441
	SILICA, DISSOLVED	4	0	10.1000	10.4000	1.1489	0.1138	8.6000	11.0000	12.7086	7.4914
	SODIUM	5	0	11.9600	11.8000	0.7021	0.0587	11.2000	13.1000	13.1365	10.7835
	SPECIFIC CONDUCTANCE	4	0	0.2400	0.2400	0.0082	0.0340	0.2300	0.2500	0.2585	0.2215
	SULFATE	4	0	36.2500	36.0000	4.7871	0.1321	31.0000	42.0000	47.1192	25.3808
	TOTAL DISSOLVED SOLIDS	4	0	197.5000	200.0000	15.0000	0.0759	180.0000	210.0000	231.5575	163.4425
	TOTAL SUSPENDED SOLIDS	4	0	126.2500	115.0000	84.7914	0.6716	35.0000	240.0000	318.7689	-66.2689

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6887	ZINC	5	2	0.0470	0.0566	0.0332	0.7059	0.0086	0.0907	0.1026	-0.0086
7087	PH	3	0	7.6467	7.6200	0.2113	0.0276	7.4500	7.8700	8.4963	6.7970
	SPECIFIC CONDUCTANCE	3	0	0.8933	0.8800	0.0513	0.0574	0.8500	0.9500	1.0997	0.6870
7187	BICARBONATE AS CACO3	3	0	190.0000	190.0000	10.0000	0.0526	180.0000	200.0000	230.2124	149.7876
	CALCIUM	3	0	73.4333	73.5000	2.1008	0.0286	71.3000	75.5000	81.8811	64.9855
	CHLORIDE (North)	3	0	3.7667	3.7000	0.6028	0.1600	3.2000	4.4000	6.1906	1.3428
	FLUORIDE	3	0	0.5000	0.5000	0.1000	0.2000	0.4000	0.6000	0.9021	0.0979
	MAGNESIUM	3	0	8.3433	8.2900	0.2937	0.0352	8.0800	8.6600	9.5242	7.1624
	NITRATE/NITRITE	3	0	2.2333	2.3000	0.5033	0.2254	1.7000	2.7000	4.2573	0.2093
	PH	4	0	7.6850	7.6450	0.2420	0.0315	7.4500	8.0000	8.2345	7.1355
	SILICA, DISSOLVED	3	0	7.2000	6.2000	1.8193	0.2527	6.1000	9.3000	14.5160	-0.1160
	SODIUM	3	0	8.3033	8.1400	0.8962	0.1079	7.5000	9.2700	11.9073	4.6993
	SPECIFIC CONDUCTANCE	4	0	0.4350	0.4300	0.0191	0.0440	0.4200	0.4600	0.4785	0.3915
	STRONTIUM	3	0	0.3720	0.3750	0.0177	0.0476	0.3530	0.3880	0.4431	0.3009
	SULFATE	3	0	32.6667	33.0000	0.5774	0.0177	32.0000	33.0000	34.9883	30.3450
	TOTAL DISSOLVED SOLIDS	3	0	276.6667	270.0000	20.8167	0.0752	260.0000	300.0000	360.3755	192.9578
	TOTAL SUSPENDED SOLIDS	3	0	60.0000	57.0000	35.5949	0.5932	26.0000	97.0000	203.1360	-83.1360
7287	BICARBONATE AS CACO3	3	0	223.3333	210.0000	32.1455	0.1439	200.0000	260.0000	352.5983	94.0684
	CALCIUM	4	0	78.1000	78.3000	6.7275	0.0861	70.4000	85.4000	93.3749	62.8251
	CARBONATE AS CACO3	3	0	78.1000	78.3000	6.7275	0.0861	70.4000	85.4000	93.3749	62.8251

C.V. - Coefficient of Variance.
9999.9990 - Indicates all detection values are the same; only mean value shown.

Ground Water Quality Statistical Summary
Present Landfill - Surficial Materials

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
7287	CHLORIDE (North)	3	0	8.7333	5.7000	6.3217	0.7239	4.5000	16.0000	34.1543	-16.6876
	COPPER	4	0	0.3377	0.0741	0.5552	1.6440	0.0327	1.1700	1.5984	-0.9229
	FLUORIDE	3	0	0.4000	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990
	MAGNESIUM	4	0	13.1000	12.6000	1.7263	0.1318	11.7000	15.5000	17.0195	9.1805
	NITRATE/NITRITE	4	0	0.1950	0.2000	0.0493	0.2530	0.1300	0.2500	0.3070	0.0830
	PH	4	0	7.3400	7.3450	0.0535	0.0073	7.2700	7.4000	7.4614	7.2186
	SILICA, DISSOLVED	3	0	9.2333	8.6000	1.5503	0.1679	8.1000	11.0000	15.4673	2.9993
	SODIUM	4	0	14.6000	14.7000	1.3441	0.0921	13.2000	15.8000	17.6518	11.5482
	SPECIFIC CONDUCTANCE	4	0	0.5325	0.5250	0.0580	0.1088	0.4700	0.6100	0.6641	0.4009
	STRONTIUM	4	0	0.3865	0.3840	0.0257	0.0665	0.3580	0.4200	0.4448	0.3282
	SULFATE	3	0	44.6667	44.0000	7.0238	0.1572	38.0000	52.0000	72.9110	16.4224
	TOTAL DISSOLVED SOLIDS	3	0	320.0000	300.0000	34.6410	0.1083	300.0000	360.0000	459.3000	180.7000
	TOTAL SUSPENDED SOLIDS	3	0	526.6667	580.0000	147.4223	0.2799	360.0000	640.0000	1119.4880	-66.1545
	TRICHLOROETHENE	4	0	0.0433	0.0410	0.0081	0.1872	0.0370	0.0540	0.0616	0.0249
	ZINC	4	0	0.3060	0.2005	0.3134	1.0241	0.0581	0.7650	1.0176	-0.4056
B106089	BICARBONATE AS CACO3	4	0	220.2500	210.0000	55.6799	0.2528	171.0000	290.0000	346.6712	93.8288
	CHLORIDE (North)	4	0	132.6750	27.3500	218.2930	1.6453	16.0000	460.0000	628.3092	-362.9592
	FLUORIDE	3	0	0.2667	0.3000	0.0577	0.2165	0.2000	0.3000	0.4988	0.0345
	PH	4	0	6.3400	6.3500	0.2717	0.0429	6.0000	6.6600	6.9568	5.7232
	SILICA, DISSOLVED	3	0	11.6667	12.0000	0.5774	0.0495	11.0000	12.0000	13.9883	9.3450
	SPECIFIC CONDUCTANCE	4	0	0.5725	0.5650	0.1127	0.1968	0.4500	0.7100	0.8283	0.3167
	SULFATE	4	0	34.3500	38.2000	8.9642	0.2610	21.0000	40.0000	54.7032	13.9968
	TOTAL DISSOLVED SOLIDS	4	0	357.5000	350.0000	61.8466	0.1730	290.0000	440.0000	497.9227	217.0773
	TOTAL SUSPENDED SOLIDS	4	0	17.2500	16.0000	13.2256	0.7667	4.0000	33.0000	47.2787	-12.7787

C.V. - Coefficient of Variance.
9999.9990 - Indicates all detection values are the same; only mean value shown.

Ground Water Quality Statistical Summary
Present Landfill - Surficial Materials

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
B206389	PH	3	0	6.4767	6.4300	0.1078	0.0167	6.4000	6.6000	6.9103	6.0430
	SPECIFIC CONDUCTANCE	3	0	1.0433	1.0200	0.0681	0.0652	0.9900	1.1200	1.3170	0.7696
B206489	BICARBONATE AS CACO3	3	0	202.0000	250.0000	91.9348	0.4551	96.0000	260.0000	571.6922	-167.6922
	CALCIUM	3	0	71.1000	69.2000	5.2163	0.0734	67.1000	77.0000	92.0762	50.1238
	CHLORIDE (North)	3	0	5.5000	5.9000	2.1284	0.3870	3.2000	7.4000	14.0587	-3.0587
	FLUORIDE	3	0	1.1000	1.2000	0.3606	0.3278	0.7000	1.4000	2.5499	-0.3499
	MAGNESIUM	3	0	13.9000	14.0000	1.6523	0.1189	12.2000	15.5000	20.5442	7.2558
	NITRATE/NITRITE	3	0	0.2733	0.3400	0.1701	0.6223	0.0800	0.4000	0.9573	-0.4107
	PH	4	0	8.4700	7.9900	1.1151	0.1317	7.7700	10.1300	11.0019	5.9381
	SILICA, DISSOLVED	3	0	8.6333	9.5000	1.8583	0.2152	6.5000	9.9000	16.1061	1.1606
	SODIUM	3	0	28.0333	29.7000	8.3261	0.2970	19.0000	35.4000	61.5145	-5.4478
	SPECIFIC CONDUCTANCE	4	0	0.5525	0.5600	0.0222	0.0401	0.5200	0.5700	0.6028	0.5022
	STRONTIUM	3	0	0.4417	0.4570	0.0374	0.0848	0.3990	0.4690	0.5922	0.2911
	SULFATE	3	0	60.0000	48.0000	28.0000	0.4667	40.0000	92.0000	172.5948	-52.5949
	TOTAL DISSOLVED SOLIDS	3	0	336.6667	360.0000	49.3288	0.1465	280.0000	370.0000	535.0300	138.3034
	TOTAL SUSPENDED SOLIDS	3	0	14.6667	19.0000	8.3865	0.5718	5.0000	20.0000	48.3908	-19.0575
	TRICHLOROETHENE	4	0	0.0313	0.0235	0.0210	0.6719	0.0160	0.0620	0.0789	-0.0164

C.V. - Coefficient of Variance.
9999.9990 - Indicates all detection values are the same; only mean value shown.

Ground Water Quality Statistical Summary
Present Landfill - Weathered Bedrock

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
B206189	BARIUM	4	0	0.2653	0.2645	0.0138	0.0522	0.2500	0.2820	0.2967	0.2338
	BICARBONATE AS CACO3	4	0	483.0000	495.0000	27.7369	0.0574	442.0000	500.0000	545.9766	420.0235
	CALCIUM	4	0	120.0000	121.0000	3.5590	0.0297	115.0000	123.0000	128.0808	111.9192
	CHLORIDE (North)	4	0	77.3500	64.2000	28.5112	0.3686	61.0000	120.0000	142.0847	12.6153
	FLUORIDE	3	0	0.5000	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990
	MAGNESIUM	4	0	23.6000	23.5000	0.5100	0.0216	23.1000	24.3000	24.7579	22.4421
	NITRATE/NITRITE	4	0	0.2350	0.2500	0.0929	0.3954	0.1200	0.3200	0.4460	0.0240
	PH	4	0	7.4975	7.4700	0.0624	0.0083	7.4600	7.5900	7.6392	7.3558
	PHOSPHATE	4	1	0.0100	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990
	SILICA, DISSOLVED	3	0	7.0000	6.9000	0.2646	0.0378	6.8000	7.3000	8.0640	5.9360
	SODIUM	4	0	115.2500	115.5000	3.2016	0.0278	112.0000	118.0000	122.5191	107.9809
	SPECIFIC CONDUCTANCE	4	0	1.2000	1.1700	0.0673	0.0561	1.1600	1.3000	1.3529	1.0471
	STRONTIUM	4	0	0.7965	0.7950	0.0225	0.0283	0.7720	0.8240	0.8477	0.7453
	SULFATE	4	0	64.8750	62.5000	16.2089	0.2498	48.0000	86.5000	101.6774	28.0726
	TOTAL DISSOLVED SOLIDS	4	0	697.0000	690.0000	28.9137	0.0415	670.0000	738.0000	762.6485	631.3515
	TOTAL SUSPENDED SOLIDS	4	0	258.7500	215.0000	135.9151	0.5253	150.0000	455.0000	567.3453	-49.8453
	ZINC	4	1	0.0297	0.0276	0.0198	0.6672	0.0086	0.0550	0.0746	-0.0153
B206289	CALCIUM	3	0	75.5000	76.3000	1.6524	0.0219	73.6000	76.6000	82.1448	68.8552
	MAGNESIUM	3	0	18.1667	18.0000	0.5686	0.0313	17.7000	18.8000	20.4532	15.8801
	MANGANESE	3	0	0.0374	0.0353	0.0038	0.1010	0.0352	0.0418	0.0526	0.0222
	PH	4	0	7.8250	7.8350	0.1223	0.0156	7.7000	7.9300	8.1028	7.5472
	SODIUM	3	0	38.9000	38.1000	1.3856	0.0356	38.1000	40.5000	44.4720	33.3280
	SPECIFIC CONDUCTANCE	4	0	0.6050	0.6050	0.0058	0.0095	0.6000	0.6100	0.6181	0.5919

C.V. - Coefficient of Variance.
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Ground Water Quality Statistical Summary
Present Landfill - Weathered Bedrock

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
B206289	STRONTIUM	3	0	0.5730	0.5690	0.0087	0.0152	0.5670	0.5830	0.6081	0.5379
B206589	BICARBONATE AS CACO3	3	0	336.6667	340.0000	5.7735	0.0171	330.0000	340.0000	359.8833	313.4500
	CALCIUM	5	0	94.9200	94.4000	2.5054	0.0264	91.3000	97.4000	99.1183	90.7217
	CHLORIDE (North)	3	0	57.6667	68.0000	29.8720	0.5180	24.0000	81.0000	177.7891	-62.4558
	FLUORIDE	3	0	1.1000	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990
	MAGNESIUM	5	0	27.8000	27.7000	0.9925	0.0357	26.6000	28.8000	29.4631	26.1369
	NITRATE/NITRITE	3	0	0.4367	0.4100	0.0551	0.1261	0.4000	0.5000	0.6581	0.2152
	PH	5	0	8.1500	7.6300	1.0911	0.1339	7.5700	10.0900	9.9784	6.3216
	SELENIUM	5	0	0.0401	0.0390	0.0039	0.0963	0.0360	0.0460	0.0466	0.0337
	SILICA, DISSOLVED	3	0	9.9667	10.0000	0.0578	0.0058	9.9000	10.0000	10.1991	9.7342
	SODIUM	5	0	67.2400	68.0000	3.0154	0.0448	62.2000	70.0000	72.2930	62.1870
	SPECIFIC CONDUCTANCE	5	0	0.9180	0.9200	0.0303	0.0330	0.8800	0.9600	0.9688	0.8672
	STRONTIUM	5	0	0.7918	0.7800	0.0277	0.0349	0.7620	0.8330	0.8382	0.7454
	SULFATE	3	0	75.0000	67.0000	22.1133	0.2948	58.0000	100.0000	163.9232	-13.9232
	TOTAL DISSOLVED SOLIDS	3	0	853.3333	540.0000	560.1190	0.6564	520.0000	1500.0000	3105.7090	1399.0420
	ZINC	5	2	0.0321	0.0243	0.0347	1.0835	0.0037	0.0900	0.0903	-0.0262
B206689	NITRATE/NITRITE	3	0	0.8633	0.8000	0.1185	0.1372	0.7900	1.0000	1.3397	0.3870
	PH	4	0	8.1400	8.1650	0.3806	0.0468	7.7200	8.5100	9.0042	7.2758
	SPECIFIC CONDUCTANCE	4	0	0.9300	0.9350	0.1086	0.1168	0.8000	1.0500	1.1766	0.6834
B206789	BICARBONATE AS CACO3	3	0	170.0000	170.0000	10.0000	0.0588	160.0000	180.0000	210.2124	129.7876

C.V. - Coefficient of Variance.
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Ground Water Quality Statistical Summary
Present Landfill - Weathered Bedrock

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
B206789	CALCIUM	3	0	157.3333	154.0000	6.6583	0.0423	153.0000	165.0000	184.1081	130.5586
	CHLORIDE (North)	3	0	65.3333	67.0000	5.6862	0.0870	59.0000	70.0000	88.1991	42.4676
	FLUORIDE	3	0	0.4000	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990
	LITHIUM	3	0	0.2000	0.1970	0.0108	0.0541	0.1910	0.2120	0.2435	0.1565
	MAGNESIUM	3	0	41.9333	42.3000	0.8144	0.0194	41.0000	42.5000	45.2082	38.6585
	NITRATE/NITRITE	3	0	6.3333	6.3000	0.3512	0.0555	6.0000	6.7000	7.7456	4.9211
	PH	4	0	7.9600	7.9800	0.1134	0.0142	7.8100	8.0700	8.2175	7.7025
	SELENIUM	3	0	0.6987	0.6800	0.1102	0.1577	0.5990	0.8170	1.1418	0.2556
	SILICA, DISSOLVED	3	0	6.0667	6.3000	0.4933	0.0813	5.5000	6.4000	8.0503	4.0830
	SODIUM	3	0	144.3333	144.0000	5.5076	0.0382	139.0000	150.0000	166.4806	122.1860
	SPECIFIC CONDUCTANCE	4	0	1.6100	1.6100	0.0416	0.0259	1.5600	1.6600	1.7045	1.5155
	STRONTIUM	3	0	1.4300	1.4100	0.0346	0.0242	1.4100	1.4700	1.5693	1.2907
	SULFATE	3	0	690.0000	590.0000	173.2051	0.2510	590.0000	890.0000	1386.5000	-6.5000
	TOTAL DISSOLVED SOLIDS	3	0	1200.0000	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990	9999.9990
	TOTAL SUSPENDED SOLIDS	3	0	200.6667	7.0000	337.1740	1.6803	5.0000	590.0000	1556.5260	1155.1930
B206889	PH	4	0	8.3450	7.7900	1.4504	0.1738	7.3500	10.4500	11.6381	5.0519
	SPECIFIC CONDUCTANCE	4	0	4.2950	4.3100	0.1529	0.0356	4.1300	4.4300	4.6421	3.9479
B206989	PH	4	0	7.5100	7.5300	0.1349	0.0180	7.3300	7.6500	7.8163	7.2037
	SPECIFIC CONDUCTANCE	4	0	5.4250	5.4900	0.1741	0.0321	5.1700	5.5500	5.8202	5.0298
B207089	BICARBONATE AS CACO3	4	0	295.0000	290.0000	19.1485	0.0649	280.0000	320.0000	338.4768	251.5232

C.V. - Coefficient of Variance.
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Ground Water Quality Statistical Summary
Present Landfill - Weathered Bedrock

Well ID	Analyte	Sample Size	No. Below Detection Limit	Mean	Median	Standard Deviation	C.V.	Minimum	Maximum	Upper Confidence Limit	Lower Confidence Limit
B207089	CALCIUM	4	0	138.0000	138.0000	1.6330	0.0118	136.0000	140.0000	141.7077	134.2923
	CHLORIDE (North)	4	0	517.5000	525.0000	18.9297	0.0366	490.0000	530.0000	560.4799	474.5201
	CHROMIUM	4	1	0.0116	0.0114	0.0048	0.4190	0.0059	0.0175	0.0226	0.0006
	FLUORIDE	4	0	0.3250	0.3000	0.0500	0.1538	0.3000	0.4000	0.4385	0.2115
	LITHIUM	4	0	0.1270	0.1285	0.0042	0.0334	0.1210	0.1300	0.1366	0.1174
	MAGNESIUM	4	0	41.1250	41.1000	0.8920	0.0217	40.1000	42.2000	43.1504	39.0996
	MANGANESE	4	1	0.0257	0.0255	0.0133	0.5181	0.0105	0.0412	0.0559	-0.0045
	NITRATE/NITRITE	4	0	1.7750	1.6500	0.4787	0.2697	1.4000	2.4000	2.8619	0.6881
	PH	4	0	7.3225	7.3400	0.2604	0.0356	7.0500	7.5600	7.9138	6.7312
	POTASSIUM	4	0	6.5650	6.5600	0.0954	0.0145	6.4700	6.6700	6.7816	6.3484
	SILICA, DISSOLVED	4	0	2.9250	2.7000	0.5252	0.1796	2.6000	3.7000	4.1175	1.7325
	SODIUM	4	0	468.2500	465.0000	11.8989	0.0254	458.0000	485.0000	495.2664	441.2336
	SPECIFIC CONDUCTANCE	4	0	3.0450	3.0350	0.0810	0.0266	2.9600	3.1500	3.2290	2.8610
	STRONTIUM	3	0	1.6933	1.7100	0.0862	0.0509	1.6000	1.7700	2.0400	1.3466
	SULFATE	3	0	650.0000	740.0000	182.4829	0.2807	440.0000	770.0000	1383.8080	-83.8083
	TOTAL DISSOLVED SOLIDS	4	0	1925.0000	1900.0000	50.0000	0.0260	1900.0000	2000.0000	2038.5250	1811.4750
	TOTAL SUSPENDED SOLIDS	4	1	30.8101	17.5000	38.7234	1.2568	1.2403	87.0000	118.7314	-57.1113

C.V. - Coefficient of Variance.
9999.9990 - Indicates all detection values are the same; only mean value shown.

Table 4-7. Statistics for Present Landfill.
Analytes with Less than 10% Quantified Results, 1991 - Groundwater Quality Data from Downgradient Monitoring Wells Exceeding the Analyte Detection Limit.

Well Location	Analyte	Analyte Detection Limit	Unit	Analyte Concentration	Sample Date
B207089	Antimony	0.0600	mg/l	0.0668	07/19/91

Table 4-8. Comparative Statistics for Present Landfill.
Analytes with 10% to 50% Quantified Results, 1991 - Groundwater Quality Data from Downgradient Monitoring Wells Compared with Upgradient Background Data Using Test of Proportions.

Analyte	Calculated Z Statistic	Critical Values (two tail) at the 95th Percentile for the Standard Normal Distribution	Calculated Z Statistic Outside of the Critical Value Range of -1.96 to +1.96
Acetone	1.66	±1.96	
Aluminum	-0.19	±1.96	
Barium	-1.81	±1.96	
Chromium	-2.34	±1.96	*
Copper	1.36	±1.96	
Iron	0.52	±1.96	
Lithium	-3.00	±1.96	*
Manganese	-1.21	±1.96	
Methylene Chloride	0.14	±1.96	
Phosphate	2.44	±1.96	**
Potassium	-3.88	±1.96	*
Strontium	-3.51	±1.96	*

* Indicates the proportion of detections in the downgradient well(s) exceeds the proportion of detections in the upgradient well(s).

** Indicates the proportion of detections in the upgradient well(s) exceeds the proportion of detections in the downgradient well(s).

Table 4-9. Comparative Statistics for Present Landfill.
Analytes with Greater than 50% Quantified Results, 1991 - Groundwater Quality Data from Downgradient Monitoring Wells Compared with Upgradient Background Data Using Analysis of Variance (ANOVA).

Analyte	ANOVA Method Used[1]	Probability Value	<0.05
Gross Alpha	LN	0.0109	*
Uranium-233, 234	LN	0.0540	
Bicarbonate	LN	0.0013	*
Total Suspended Solids	LN	0.5093	
Zinc	N	0.8190	
Gross Beta	N	0.0389	*
Tritium	N	0.9207	
Uranium-235	N	0.4943	
Americium-241, Total	N	0.1410	
Cesium-137, Total	N	0.4236	
Plutonium-239, 240, Total	N	0.5088	
Fluoride	N	0.0003	*
Calcium	NP	0.0001	*
Magnesium	NP	0.0033	*
Sodium	NP	0.0001	*
Strontium-89,90	NP	0.1244	
Uranium-238	NP	0.1859	
Carbonate	NP	0.1019	
Chloride	NP	0.0001	*
Nitrate/Nitrite	NP	0.0002	**
pH	NP	0.0004	*
Silica, Dissolved	NP	0.0002	*
Specific Conductance	NP	0.0004	*
Sulfate	Np	0.8914	
Total Dissolved Solids	NP	0.0001	*

[1] LN = ANOVA method for lognormally distributed data
N = ANOVA method for normally distributed data
NP = ANOVA method for nonparametric (nondistributed) data

* Indicates that the analyte concentrations in the downgradient wells are statistically greater than the analyte concentrations in the upgradient wells. This may indicate downgradient contamination.

** Indicates that the analyte concentrations in the upgradient wells are statistically greater than the downgradient wells. This may indicate a possible upgradient source.

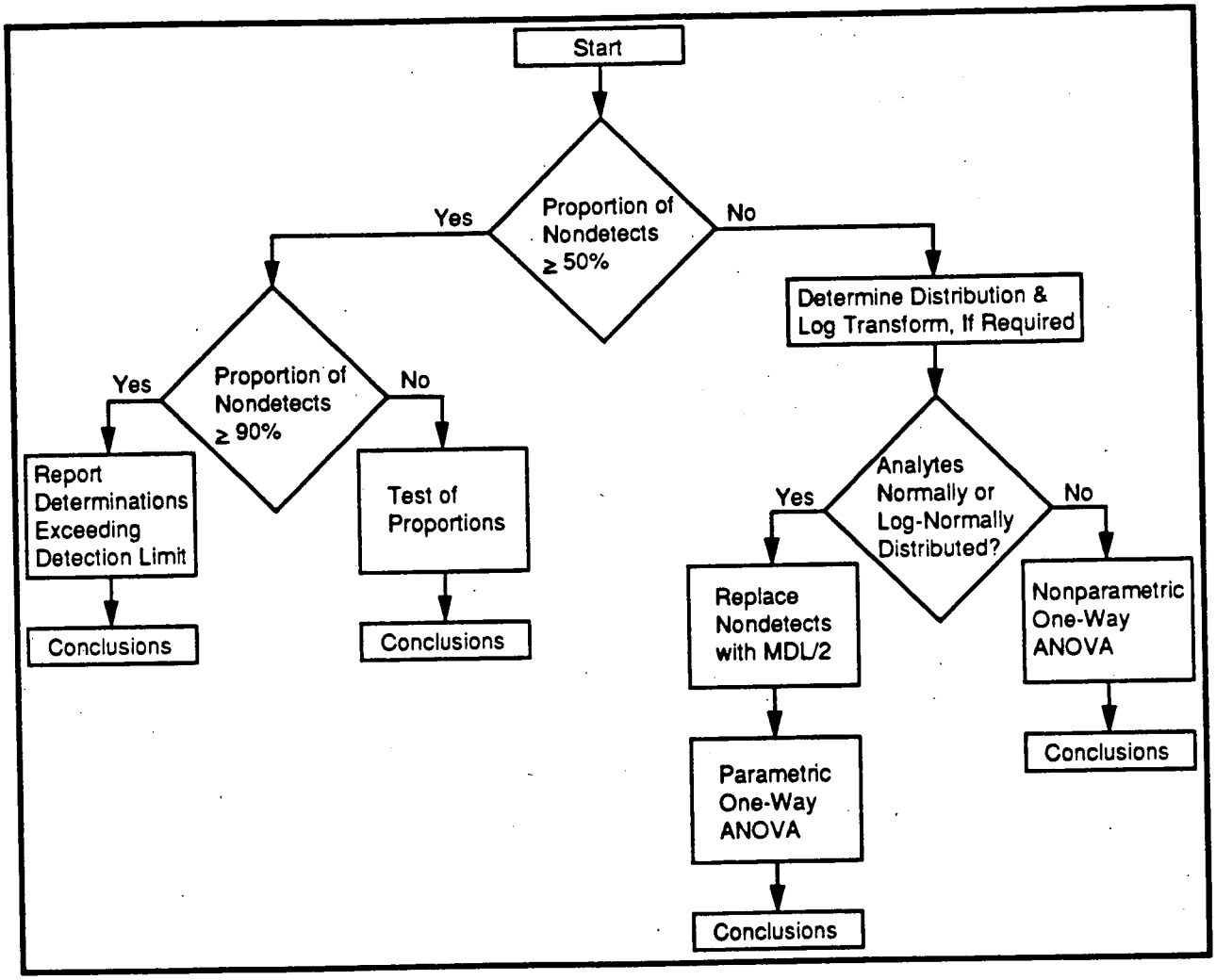


Figure 1-1 Upgradient Well to Downgradient Well Statistical Comparisons Flowchart

NOTICE

This document (or documents) is oversized for 16mm microfilming, but is available in its entirety on the 35mm fiche card referenced below:

Document # 000266

Titled: Location of Monitor Wells and RCRA Waste Management Areas Plate 1-1

Fiche location: A-SW-M1

APPENDIX A

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY

REVIEWED FOR CLASSIFICATION/UCNI
By [illegible]
Date [illegible]

RFL/RPT0303 2/21/92 9:10 am pf

DATA QUALIFIERS

U - Indicates a compound was analyzed for, but not detected.

J - Indicates an estimated value for either a tentatively identified compound or an analyte that meets the identification criteria, but the result is less than the specified detection limit.

B - Indicates the compound was found in the blank and the sample.

E - Concentration exceeds calibration range of the instrument.

I - Indicates interference.

BS - Indicates matrix analyses were conducted on reagent grade water.

TB - Trip Blank.

BSD - Blank Spike Duplicate.

FB - Field Blank.

BDL - Below Detection Limit.

RNS - Rinse Blank.

MS - Matrix Spike.

REA - Field Sample, not a blank or duplicate.

MSD - Matrix Spike Duplicate.

DUP - Duplicate.

D - Indicates that surrogate/matrix spike recoveries were not obtained because the extract had to be diluted for analysis.

DL - Indicates a secondary dilution.

NA - Not Applicable.

DF - Dilution Factor.

X - Result is by calculation.

VALIDATION QUALIFIERS

V - Valid.

R - Rejected.

A - Acceptable with qualifications.

APPENDIX A-1

SOLAR EVAPORATION PONDS - SURFICIAL

MATERIALS DATA SET

REVIEWED FOR CLASSIFICATION/UCNI
By
Date 2/24/92

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
0460	METALS	ALUMINUM	05-AUG-91	200	44.30	UG/L	B
		ALUMINUM	05-AUG-91	200	5540.00	UG/L	
		ANTIMONY	05-AUG-91	60	35.80	UG/L	B
		ANTIMONY	05-AUG-91	60	37.20	UG/L	B
		ARSENIC	05-AUG-91	10	2.00	UG/L	U
		ARSENIC	05-AUG-91	10	2.00	UG/L	U
		BARIUM	05-AUG-91	200	122.00	UG/L	B
		BARIUM	05-AUG-91	200	138.00	UG/L	B
		BERYLLIUM	05-AUG-91	5	1.00	UG/L	U
		BERYLLIUM	05-AUG-91	5	1.00	UG/L	U
		CADMIUM	05-AUG-91	5	2.50	UG/L	B
		CADMIUM	05-AUG-91	5	6.00	UG/L	
		CALCIUM	05-AUG-91	5000	100000.00	UG/L	
		CALCIUM	05-AUG-91	5000	99300.00	UG/L	
		CESIUM	05-AUG-91	1000	32.00	UG/L	U
		CESIUM	05-AUG-91	1000	32.00	UG/L	U
		CHROMIUM	05-AUG-91	10	5.80	UG/L	B
		CHROMIUM	05-AUG-91	10	12.40	UG/L	
		COBALT	05-AUG-91	50	2.00	UG/L	U
		COBALT	05-AUG-91	50	2.00	UG/L	U
		COPPER	05-AUG-91	25	3.00	UG/L	U
		COPPER	05-AUG-91	25	8.20	UG/L	B
		CYANIDE	05-AUG-91	10	2.00	UG/L	U
		IRON	05-AUG-91	100	60.60	UG/L	B
		IRON	05-AUG-91	100	5670.00	UG/L	
		LEAD	05-AUG-91	3	1.00	UG/L	U
		LEAD	05-AUG-91	3	12.10	UG/L	
		LITHIUM	05-AUG-91	100	108.00	UG/L	
		LITHIUM	05-AUG-91	100	105.00	UG/L	
		MAGNESIUM	05-AUG-91	5000	41000.00	UG/L	
		MAGNESIUM	05-AUG-91	5000	40500.00	UG/L	
		MANGANESE	05-AUG-91	15	3.70	UG/L	B
		MANGANESE	05-AUG-91	15	38.70	UG/L	
		MERCURY	05-AUG-91	0	0.20	UG/L	U
		MERCURY	05-AUG-91	0	0.20	UG/L	U
		MOLYBDENUM	05-AUG-91	200	4.60	UG/L	B
		MOLYBDENUM	05-AUG-91	200	6.00	UG/L	B
		NICKEL	05-AUG-91	40	3.00	UG/L	U
		NICKEL	05-AUG-91	40	9.10	UG/L	B
		POTASSIUM	05-AUG-91	5000	13600.00	UG/L	
		POTASSIUM	05-AUG-91	5000	13100.00	UG/L	
		SELENIUM	05-AUG-91	5	8.00	UG/L	
		SELENIUM	05-AUG-91	5	7.00	UG/L	
		SILVER	05-AUG-91	10	2.00	UG/L	U
		SILVER	05-AUG-91	10	2.00	UG/L	U
		SODIUM	05-AUG-91	5000	130000.00	UG/L	
		SODIUM	05-AUG-91	5000	122000.00	UG/L	
		STRONTIUM	05-AUG-91	200	1050.00	UG/L	
		STRONTIUM	05-AUG-91	200	1020.00	UG/L	
		THALLIUM	05-AUG-91	10	2.00	UG/L	U
		THALLIUM	05-AUG-91	10	2.00	UG/L	UW
		TIN	05-AUG-91	200	55.60	UG/L	B
		TIN	05-AUG-91	200	46.30	UG/L	B
		VANADIUM	05-AUG-91	50	2.60	UG/L	B
		VANADIUM	05-AUG-91	50	15.80	UG/L	B
		ZINC	05-AUG-91	20	210.00	UG/L	
		ZINC	05-AUG-91	20	575.00	UG/L	
		ALUMINUM	07-OCT-91	200	9890.00	UG/L	N
		ALUMINUM	07-OCT-91	200	65.20	UG/L	B
		ANTIMONY	07-OCT-91	60	61.20	UG/L	
		ANTIMONY	07-OCT-91	60	45.40	UG/L	B
		ARSENIC	07-OCT-91	10	2.00	UG/L	B
		ARSENIC	07-OCT-91	10	2.00	UG/L	U
		BARIUM	07-OCT-91	200	167.00	UG/L	B
		BARIUM	07-OCT-91	200	126.00	UG/L	BE
		BERYLLIUM	07-OCT-91	5	1.00	UG/L	U
		BERYLLIUM	07-OCT-91	5	1.00	UG/L	U
		CADMIUM	07-OCT-91	5	9.90	UG/L	
		CADMIUM	07-OCT-91	5	5.40	UG/L	
		CALCIUM	07-OCT-91	5000	111000.00	UG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		CALCIUM	07-OCT-91	5000	109000.00	UG/L	
		CESIUM	07-OCT-91	1000	51.00	UG/L	U
		CESIUM	07-OCT-91	1000	51.00	UG/L	U
		CHROMIUM	07-OCT-91	10	24.90	UG/L	
		CHROMIUM	07-OCT-91	10	13.70	UG/L	
		COBALT	07-OCT-91	50	4.70	UG/L	B
		COBALT	07-OCT-91	50	3.00	UG/L	U
		COPPER	07-OCT-91	25	16.30	UG/L	B
		COPPER	07-OCT-91	25	3.60	UG/L	B
		CYANIDE	07-OCT-91	10	2.00	UG/L	B
		IRON	07-OCT-91	100	8120.00	UG/L	
		IRON	07-OCT-91	100	50.20	UG/L	B
		LEAD	07-OCT-91	3	21.70	UG/L	
		LEAD	07-OCT-91	3	1.00	UG/L	UW
		LITHIUM	07-OCT-91	100	124.00	UG/L	
		LITHIUM	07-OCT-91	100	118.00	UG/L	
		MAGNESIUM	07-OCT-91	5000	45900.00	UG/L	
		MAGNESIUM	07-OCT-91	5000	44600.00	UG/L	
		MANGANESE	07-OCT-91	15	82.80	UG/L	
		MANGANESE	07-OCT-91	15	7.20	UG/L	B
		MERCURY	07-OCT-91	0	0.51	UG/L	
		MERCURY	07-OCT-91	0	0.20	UG/L	U
		MOLYBDENUM	07-OCT-91	200	6.60	UG/L	B
		MOLYBDENUM	07-OCT-91	200	6.30	UG/L	B
		NICKEL	07-OCT-91	40	17.00	UG/L	U
		NICKEL	07-OCT-91	40	17.00	UG/L	U
		POTASSIUM	07-OCT-91	5000	14800.00	UG/L	E
		POTASSIUM	07-OCT-91	5000	13700.00	UG/L	
		SELENIUM	07-OCT-91	5	6.10	UG/L	S
		SELENIUM	07-OCT-91	5	7.40	UG/L	S
		SILVER	07-OCT-91	10	2.00	UG/L	U
		SILVER	07-OCT-91	10	2.00	UG/L	U
		SODIUM	07-OCT-91	5000	133000.00	UG/L	
		SODIUM	07-OCT-91	5000	135000.00	UG/L	
		STRONTIUM	07-OCT-91	200	1220.00	UG/L	
		STRONTIUM	07-OCT-91	200	1210.00	UG/L	
		THALLIUM	07-OCT-91	10	1.00	UG/L	B
		THALLIUM	07-OCT-91	10	1.00	UG/L	UW
		TIN	07-OCT-91	200	17.00	UG/L	U
		TIN	07-OCT-91	200	17.00	UG/L	U
		VANADIUM	07-OCT-91	50	31.00	UG/L	B
		VANADIUM	07-OCT-91	50	8.60	UG/L	B
		ZINC	07-OCT-91	20	697.00	UG/L	E
		ZINC	07-OCT-91	20	201.00	UG/L	
		ALUMINUM	10-JUN-91	200	35.40	UG/L	B
		ANTIMONY	10-JUN-91	60	16.30	UG/L	B
		ARSENIC	10-JUN-91	10	2.00	UG/L	U
		BARIUM	10-JUN-91	200	132.00	UG/L	B
		BERYLLIUM	10-JUN-91	5	1.00	UG/L	U
		CADMIUM	10-JUN-91	5	2.60	UG/L	B
		CALCIUM	10-JUN-91	5000	105000.00	UG/L	
		CESIUM	10-JUN-91	1000	112.00	UG/L	U
		CHROMIUM	10-JUN-91	10	3.00	UG/L	U
		COBALT	10-JUN-91	50	3.00	UG/L	U
		COPPER	10-JUN-91	25	11.00	UG/L	U
		CYANIDE	10-JUN-91	10	2.50	UG/L	U
		IRON	10-JUN-91	100	18.20	UG/L	B
		LEAD	10-JUN-91	3	1.00	UG/L	UW
		LITHIUM	10-JUN-91	100	84.80	UG/L	B
		MAGNESIUM	10-JUN-91	5000	39200.00	UG/L	
		MANGANESE	10-JUN-91	15	2.90	UG/L	B
		MERCURY	10-JUN-91	0	0.20	UG/L	U
		MOLYBDENUM	10-JUN-91	200	2.00	UG/L	U
		NICKEL	10-JUN-91	40	3.00	UG/L	U
		POTASSIUM	10-JUN-91	5000	12400.00	UG/L	
		SELENIUM	10-JUN-91	5	8.90	UG/L	S
		SILVER	10-JUN-91	10	2.00	UG/L	U
		SODIUM	10-JUN-91	5000	110000.00	UG/L	
		STRONTIUM	10-JUN-91	200	1070.00	UG/L	
		THALLIUM	10-JUN-91	10	1.00	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		TIN	10-JUN-91	200	20.50	UG/L	B
		VANADIUM	10-JUN-91	50	2.00	UG/L	U
		ZINC	10-JUN-91	20	370.00	UG/L	
		ALUMINUM	24-APR-91	200	48.90	UG/L	B
		ANTIMONY	24-APR-91	60	27.90	UG/L	B
		ARSENIC	24-APR-91	10	2.00	UG/L	U
		BARIUM	24-APR-91	200	128.00	UG/L	B
		BERYLLIUM	24-APR-91	5	1.00	UG/L	U
		CADMIUM	24-APR-91	5	2.00	UG/L	U
		CALCIUM	24-APR-91	5000	119000.00	UG/L	
		CESIUM	24-APR-91	1000	112.00	UG/L	U
		CHROMIUM	24-APR-91	10	5.70	UG/L	B
		COBALT	24-APR-91	50	3.00	UG/L	U
		COPPER	24-APR-91	25	11.00	UG/L	U
		CYANIDE	24-APR-91	10	2.50	UG/L	U
		IRON	24-APR-91	100	21.10	UG/L	B
		LEAD	24-APR-91	3	1.00	UG/L	U
		LITHIUM	24-APR-91	100	99.90	UG/L	B
		MAGNESIUM	24-APR-91	5000	49100.00	UG/L	
		MANGANESE	24-APR-91	15	1.00	UG/L	U
		MERCURY	24-APR-91	0	0.20	UG/L	U
		MOLYBDENUM	24-APR-91	200	7.70	UG/L	B
		NICKEL	24-APR-91	40	3.00	UG/L	U
		POTASSIUM	24-APR-91	5000	12300.00	UG/L	
		SELENIUM	24-APR-91	5	8.00	UG/L	N
		SILVER	24-APR-91	10	2.00	UG/L	U
		SODIUM	24-APR-91	5000	130000.00	UG/L	
		STRONTIUM	24-APR-91	200	1290.00	UG/L	
		THALLIUM	24-APR-91	10	1.00	UG/L	BWN
		TIN	24-APR-91	200	14.90	UG/L	B
		VANADIUM	24-APR-91	50	2.40	UG/L	B
		ZINC	24-APR-91	20	324.00	UG/L	
0460	RADS	AMERICIUM-241	05-AUG-91	.01	.0834	PCI/L	
		CESIUM-137	05-AUG-91	1	.1206	PCI/L	J
		GROSS ALPHA - DISSOLVED	05-AUG-91	2	13.96	PCI/L	
		GROSS BETA - DISSOLVED	05-AUG-91	4	16.92	PCI/L	
		PLUTONIUM-239/240	05-AUG-91	.01	.04467	PCI/L	
		RADIUM-226	05-AUG-91	.5	.2988	PCI/L	J
		STRONTIUM-89,90	05-AUG-91	1	1.535	PCI/L	
		TRITIUM	05-AUG-91	400	1024	PCI/L	
		URANIUM-233,-234	05-AUG-91	.6	17.15	PCI/L	
		URANIUM-235	05-AUG-91	.6	.8628	PCI/L	
		URANIUM-238	05-AUG-91	.6	7.184	PCI/L	
		AMERICIUM-241	24-APR-91	.01	.08787	PCI/L	
		AMERICIUM-241	24-APR-91	.01	.06544	PCI/L	
		CESIUM-137	24-APR-91	1	.2703	PCI/L	J
		CESIUM-137	24-APR-91	1	.1602	PCI/L	J
		GROSS ALPHA - DISSOLVED	24-APR-91	2	12.99	PCI/L	
		GROSS ALPHA - DISSOLVED	24-APR-91	2	23.51	PCI/L	
		GROSS BETA - DISSOLVED	24-APR-91	4	21.91	PCI/L	
		GROSS BETA - DISSOLVED	24-APR-91	4	11.68	PCI/L	
		PLUTONIUM-239/240	24-APR-91	.01	0	PCI/L	J
		PLUTONIUM-239/240	24-APR-91	.01	.0219	PCI/L	
		RADIUM-226	24-APR-91	.5	.3427	PCI/L	J
		STRONTIUM-89,90	24-APR-91	1	.2559	PCI/L	J
		STRONTIUM-89,90	24-APR-91	1	.2103	PCI/L	J
		TRITIUM	24-APR-91	400	1337	PCI/L	
		TRITIUM	24-APR-91	400	1282	PCI/L	
		URANIUM-233,-234	24-APR-91	.6	19.87	PCI/L	
		URANIUM-233,-234	24-APR-91	.6	19.38	PCI/L	
		URANIUM-235	24-APR-91	.6	.6387	PCI/L	
		URANIUM-235	24-APR-91	.6	.5918	PCI/L	J
		URANIUM-238	24-APR-91	.6	7.025	PCI/L	
		URANIUM-238	24-APR-91	.6	7.725	PCI/L	
0460	VOA	1,1,1-TRICHLOROETHANE	05-AUG-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	05-AUG-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	05-AUG-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	05-AUG-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	05-AUG-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	05-AUG-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		1,2-DICHLOROETHENE	05-AUG-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	05-AUG-91	5	5	UG/L	U
		2-BUTANONE	05-AUG-91	10	10	UG/L	U
		2-HEXANONE	05-AUG-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	05-AUG-91	10	10	UG/L	U
		ACETONE	05-AUG-91	10	4	UG/L	J
		BENZENE	05-AUG-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	05-AUG-91	5	5	UG/L	U
		BROMOFORM	05-AUG-91	5	5	UG/L	U
		BROMOMETHANE	05-AUG-91	10	10	UG/L	U
		CARBON DISULFIDE	05-AUG-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	05-AUG-91	5	5	UG/L	U
		CHLOROBENZENE	05-AUG-91	5	5	UG/L	U
		CHLOROETHANE	05-AUG-91	10	10	UG/L	U
		CHLOROFORM	05-AUG-91	5	5	UG/L	U
		CHLOROMETHANE	05-AUG-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	05-AUG-91	5	5	UG/L	U
		ETHYLBENZENE	05-AUG-91	5	5	UG/L	U
		METHYLENE CHLORIDE	05-AUG-91	5	5	UG/L	U
		STYRENE	05-AUG-91	5	5	UG/L	U
		TETRACHLOROETHENE	05-AUG-91	5	2	UG/L	J
		TOLUENE	05-AUG-91	5	5	UG/L	U
		TOTAL XYLENES	05-AUG-91	5	5	UG/L	U
		TRICHLOROETHENE	05-AUG-91	5	5	UG/L	U
		VINYL ACETATE	05-AUG-91	10	10	UG/L	U
		VINYL CHLORIDE	05-AUG-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	05-AUG-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	05-AUG-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	07-OCT-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	07-OCT-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	07-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	07-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	07-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	07-OCT-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	07-OCT-91	5	5	UG/L	U
		2-BUTANONE	07-OCT-91	10	10	UG/L	U
		2-HEXANONE	07-OCT-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	07-OCT-91	10	10	UG/L	U
		ACETONE	07-OCT-91	10	10	UG/L	U
		BENZENE	07-OCT-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	07-OCT-91	5	5	UG/L	U
		BROMOFORM	07-OCT-91	5	5	UG/L	U
		BROMOMETHANE	07-OCT-91	10	10	UG/L	U
		CARBON DISULFIDE	07-OCT-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	07-OCT-91	5	5	UG/L	U
		CHLOROBENZENE	07-OCT-91	5	5	UG/L	U
		CHLOROETHANE	07-OCT-91	10	10	UG/L	U
		CHLOROFORM	07-OCT-91	5	5	UG/L	U
		CHLOROMETHANE	07-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	07-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	07-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	07-OCT-91	5	5	UG/L	U
		STYRENE	07-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	07-OCT-91	5	2	UG/L	J
		TOLUENE	07-OCT-91	5	5	UG/L	U
		TOTAL XYLENES	07-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	07-OCT-91	5	1	UG/L	J
		VINYL ACETATE	07-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	07-OCT-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	07-OCT-91	5	5	UG/L	U
		trans-1,2-DICHLOROETHENE	07-OCT-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	07-OCT-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	10-JUN-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	10-JUN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	10-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	10-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	10-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	10-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	10-JUN-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	10-JUN-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		2-BUTANONE	10-JUN-91	10	10	UG/L	U
		2-HEXANONE	10-JUN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	10-JUN-91	10	10	UG/L	U
		ACETONE	10-JUN-91	10	10	UG/L	U
		BENZENE	10-JUN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	10-JUN-91	5	5	UG/L	U
		BROMOFORM	10-JUN-91	5	5	UG/L	U
		BROMOMETHANE	10-JUN-91	10	10	UG/L	U
		CARBON DISULFIDE	10-JUN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	10-JUN-91	5	5	UG/L	U
		CHLOROBENZENE	10-JUN-91	5	5	UG/L	U
		CHLOROETHANE	10-JUN-91	10	10	UG/L	U
		CHLOROFORM	10-JUN-91	5	5	UG/L	U
		CHLOROMETHANE	10-JUN-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	10-JUN-91	5	5	UG/L	U
		ETHYLBENZENE	10-JUN-91	5	5	UG/L	U
		METHYLENE CHLORIDE	10-JUN-91	5	1	UG/L	BJ
		STYRENE	10-JUN-91	5	5	UG/L	U
		TETRACHLOROETHENE	10-JUN-91	5	2	UG/L	J
		TOLUENE	10-JUN-91	5	5	UG/L	U
		TOTAL XYLENES	10-JUN-91	5	5	UG/L	U
		TRICHLOROETHENE	10-JUN-91	5	1	UG/L	J
		VINYL ACETATE	10-JUN-91	10	10	UG/L	U
		VINYL CHLORIDE	10-JUN-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	10-JUN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	10-JUN-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	24-APR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	24-APR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	24-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	24-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	24-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	24-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	24-APR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	24-APR-91	5	5	UG/L	U
		2-BUTANONE	24-APR-91	10	10	UG/L	U
		2-HEXANONE	24-APR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	24-APR-91	10	10	UG/L	U
		ACETONE	24-APR-91	10	10	UG/L	U
		BENZENE	24-APR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	24-APR-91	5	5	UG/L	U
		BROMOFORM	24-APR-91	5	5	UG/L	U
		BROMOMETHANE	24-APR-91	10	10	UG/L	U
		CARBON DISULFIDE	24-APR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	24-APR-91	5	5	UG/L	U
		CHLOROBENZENE	24-APR-91	5	5	UG/L	U
		CHLOROETHANE	24-APR-91	10	10	UG/L	U
		CHLOROFORM	24-APR-91	5	5	UG/L	U
		CHLOROMETHANE	24-APR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	24-APR-91	5	5	UG/L	U
		ETHYLBENZENE	24-APR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	24-APR-91	5	5	UG/L	U
		STYRENE	24-APR-91	5	5	UG/L	U
		TETRACHLOROETHENE	24-APR-91	5	5	UG/L	U
		TOLUENE	24-APR-91	5	5	UG/L	U
		TOTAL XYLENES	24-APR-91	5	5	UG/L	U
		TRICHLOROETHENE	24-APR-91	5	5	UG/L	U
		VINYL ACETATE	24-APR-91	10	10	UG/L	U
		VINYL CHLORIDE	24-APR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	24-APR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	24-APR-91	5	5	UG/L	U
0460	WQHP	BICARBONATE AS CACO3	05-AUG-91	1.0	290	MG/L	
		CARBONATE AS CACO3	05-AUG-91	1.0	1	MG/L	U
		CHLORIDE	05-AUG-91	0.2	30	MG/L	
		FLUORIDE	05-AUG-91	0.1	1.7	MG/L	
		NITRATE/NITRITE	05-AUG-91	0.02	41	MG/L	
		ORTHOPHOSPHATE	05-AUG-91	0.01	0.01	MG/L	
		SILICA, DISSOLVED	05-AUG-91	0.4	5.5	MG/L	
		SULFATE	05-AUG-91	2.0	85	MG/L	
		TOTAL DISSOLVED SOLIDS	05-AUG-91	10.0	960	MG/L	
		TOTAL SUSPENDED SOLIDS	05-AUG-91	4.0	230	MG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		BICARBONATE AS CACO3	07-OCT-91	1.0	300	MG/L	
		CARBONATE AS CACO3	07-OCT-91	1.0	1	MG/L	U
		CHLORIDE	07-OCT-91	0.2	30	MG/L	
		FLUORIDE	07-OCT-91	0.1	1.8	MG/L	
		NITRATE/NITRITE	07-OCT-91	0.02	70	MG/L	
		ORTHOPHOSPHATE	07-OCT-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	07-OCT-91	0.4	6	MG/L	
		SULFATE	07-OCT-91	2.0	130	MG/L	
		TOTAL DISSOLVED SOLIDS	07-OCT-91	10.0	990	MG/L	
		TOTAL SUSPENDED SOLIDS	07-OCT-91	4.0	400	MG/L	
		BICARBONATE AS CACO3	10-JUN-91	1.0	310	MG/L	
		CARBONATE AS CACO3	10-JUN-91	1.0	1	MG/L	U
		CHLORIDE	10-JUN-91	0.2	27	MG/L	
		FLUORIDE	10-JUN-91	0.1	1.4	MG/L	
		NITRATE/NITRITE	10-JUN-91	0.02	52	MG/L	
		ORTHOPHOSPHATE	10-JUN-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	10-JUN-91	0.4	4.9	MG/L	
		SULFATE	10-JUN-91	2.0	86	MG/L	
		TOTAL DISSOLVED SOLIDS	10-JUN-91	10.0	880	MG/L	
		TOTAL SUSPENDED SOLIDS	10-JUN-91	4.0	25	MG/L	
		BICARBONATE AS CACO3	24-APR-91	1.0	330	MG/L	
		CARBONATE AS CACO3	24-APR-91	1.0	0	MG/L	
		CHLORIDE	24-APR-91	0.2	39	MG/L	
		FLUORIDE	24-APR-91	0.1	1.5	MG/L	
		NITRATE/NITRITE	24-APR-91	0.02	81	MG/L	
		ORTHOPHOSPHATE	24-APR-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	24-APR-91	0.4	4.5	MG/L	
		SULFATE	24-APR-91	2.0	100	MG/L	
		TOTAL DISSOLVED SOLIDS	24-APR-91	10.0	1000	MG/L	
		TOTAL SUSPENDED SOLIDS	24-APR-91	4.0	480	MG/L	
386	METALS	ALUMINUM	15-MAR-91	200	62.60	UG/L	B
		ANTIMONY	15-MAR-91	60	8.00	UG/L	U
		ARSENIC	15-MAR-91	10	2.00	UG/L	U
		BARIUM	15-MAR-91	200	112.00	UG/L	B
		BERYLLIUM	15-MAR-91	5	1.00	UG/L	U
		CADMIUM	15-MAR-91	5	2.00	UG/L	U
		CALCIUM	15-MAR-91	5000	103000.00	UG/L	
		CESIUM	15-MAR-91	1000	76.00	UG/L	U
		CHROMIUM	15-MAR-91	10	11.20	UG/L	
		COBALT	15-MAR-91	50	3.00	UG/L	U
		COPPER	15-MAR-91	25	3.40	UG/L	B
		IRON	15-MAR-91	100	76.90	UG/L	B
		LEAD	15-MAR-91	3	1.00	UG/L	U
		LITHIUM	15-MAR-91	100	29.30	UG/L	B
		MAGNESIUM	15-MAR-91	5000	33600.00	UG/L	
		MANGANESE	15-MAR-91	15	1.20	UG/L	B
		MERCURY	15-MAR-91	0	0.20	UG/L	UN
		MOLYBDENUM	15-MAR-91	200	9.80	UG/L	B
		NICKEL	15-MAR-91	40	27.50	UG/L	B
		POTASSIUM	15-MAR-91	5000	2210.00	UG/L	B
		SELENIUM	15-MAR-91	5	2.00	UG/L	B
		SILVER	15-MAR-91	10	3.10	UG/L	B
		SODIUM	15-MAR-91	5000	122000.00	UG/L	
		STRONTIUM	15-MAR-91	200	850.00	UG/L	
		THALLIUM	15-MAR-91	10	1.00	UG/L	UW
		TIN	15-MAR-91	200	24.60	UG/L	B
		VANADIUM	15-MAR-91	50	5.40	UG/L	B
		ZINC	15-MAR-91	20	19.90	UG/L	B
		ALUMINUM	16-JUL-91	200	67.40	UG/L	B
		ANTIMONY	16-JUL-91	60	39.90	UG/L	B
		ARSENIC	16-JUL-91	10	2.00	UG/L	U
		BARIUM	16-JUL-91	200	115.00	UG/L	BE
		BERYLLIUM	16-JUL-91	5	1.00	UG/L	U
		CADMIUM	16-JUL-91	5	1.20	UG/L	B
		CALCIUM	16-JUL-91	5000	105000.00	UG/L	
		CESIUM	16-JUL-91	1000	120.00	UG/L	B
		CHROMIUM	16-JUL-91	10	13.10	UG/L	
		COBALT	16-JUL-91	50	2.00	UG/L	B
		COPPER	16-JUL-91	25	61.50	UG/L	
		CYANIDE	16-JUL-91	10	2.00	UG/L	UN

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		IRON	16-JUL-91	100	15.70	UG/L	B
		LEAD	16-JUL-91	3	1.00	UG/L	U
		LITHIUM	16-JUL-91	100	25.10	UG/L	B
		MAGNESIUM	16-JUL-91	5000	34700.00	UG/L	
		MANGANESE	16-JUL-91	15	1.00	UG/L	U
		MERCURY	16-JUL-91	0	0.20	UG/L	U
		MOLYBDENUM	16-JUL-91	200	10.00	UG/L	B
		NICKEL	16-JUL-91	40	32.90	UG/L	B
		POTASSIUM	16-JUL-91	5000	1970.00	UG/L	B
		SELENIUM	16-JUL-91	5	1.00	UG/L	B
		SILVER	16-JUL-91	10	2.00	UG/L	U
		SODIUM	16-JUL-91	5000	122000.00	UG/L	
		STRONTIUM	16-JUL-91	200	791.00	UG/L	
		THALLIUM	16-JUL-91	10	2.00	UG/L	U
		TIN	16-JUL-91	200	28.70	UG/L	B
		VANADIUM	16-JUL-91	50	3.30	UG/L	B
		ZINC	16-JUL-91	20	28.20	UG/L	
		ALUMINUM	22-OCT-91	200	57.90	UG/L	B
		ANTIMONY	22-OCT-91	60	68.20	UG/L	
		ARSENIC	22-OCT-91	10	2.00	UG/L	U
		BARIUM	22-OCT-91	200	132.00	UG/L	B
		BERYLLIUM	22-OCT-91	5	1.00	UG/L	U
		CADMIUM	22-OCT-91	5	3.70	UG/L	B
		CALCIUM	22-OCT-91	5000	112000.00	UG/L	
		CESIUM	22-OCT-91	1000	51.00	UG/L	U
		CHROMIUM	22-OCT-91	10	19.30	UG/L	
		COBALT	22-OCT-91	50	4.00	UG/L	B
		COPPER	22-OCT-91	25	6.40	UG/L	B
		IRON	22-OCT-91	100	10.70	UG/L	B
		LEAD	22-OCT-91	3	1.00	UG/L	U
		LITHIUM	22-OCT-91	100	32.90	UG/L	B
		MAGNESIUM	22-OCT-91	5000	34800.00	UG/L	
		MANGANESE	22-OCT-91	15	2.30	UG/L	B
		MERCURY	22-OCT-91	0	0.20	UG/L	U
		MOLYBDENUM	22-OCT-91	200	15.80	UG/L	B
		NICKEL	22-OCT-91	40	23.10	UG/L	B
		POTASSIUM	22-OCT-91	5000	2990.00	UG/L	B
		SELENIUM	22-OCT-91	5	2.00	UG/L	UW
		SILVER	22-OCT-91	10	2.70	UG/L	B
		SODIUM	22-OCT-91	5000	116000.00	UG/L	
		STRONTIUM	22-OCT-91	200	976.00	UG/L	
		THALLIUM	22-OCT-91	10	1.00	UG/L	UW
		TIN	22-OCT-91	200	32.10	UG/L	B
		VANADIUM	22-OCT-91	50	7.30	UG/L	B
		ZINC	22-OCT-91	20	15.20	UG/L	B
		ALUMINUM	23-APR-91	200	31.50	UG/L	B
		ANTIMONY	23-APR-91	60	14.00	UG/L	B
		ARSENIC	23-APR-91	10	2.00	UG/L	U
		BARIUM	23-APR-91	200	64.50	UG/L	B
		BERYLLIUM	23-APR-91	5	1.00	UG/L	U
		CADMIUM	23-APR-91	5	2.00	UG/L	U
		CALCIUM	23-APR-91	5000	104000.00	UG/L	
		CESIUM	23-APR-91	1000	112.00	UG/L	U
		CHROMIUM	23-APR-91	10	7.80	UG/L	B
		COBALT	23-APR-91	50	3.00	UG/L	U
		COPPER	23-APR-91	25	11.00	UG/L	U
		CYANIDE	23-APR-91	10	2.50	UG/L	U
		IRON	23-APR-91	100	17.60	UG/L	B
		LEAD	23-APR-91	3	1.00	UG/L	U
		LITHIUM	23-APR-91	100	25.20	UG/L	B
		MAGNESIUM	23-APR-91	5000	32200.00	UG/L	
		MANGANESE	23-APR-91	15	1.00	UG/L	U
		MERCURY	23-APR-91	0	0.20	UG/L	U
		MOLYBDENUM	23-APR-91	200	10.10	UG/L	B
		NICKEL	23-APR-91	40	10.00	UG/L	B
		POTASSIUM	23-APR-91	5000	2320.00	UG/L	B
		SELENIUM	23-APR-91	5	20.00	UG/L	UWN
		SILVER	23-APR-91	10	2.00	UG/L	U
		SODIUM	23-APR-91	5000	109000.00	UG/L	
		STRONTIUM	23-APR-91	200	883.00	UG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		THALLIUM	23-APR-91	10	1.00	UG/L	BWN
		TIN	23-APR-91	200	22.80	UG/L	B
		VANADIUM	23-APR-91	50	2.00	UG/L	U
		ZINC	23-APR-91	20	5.80	UG/L	B
1386	RADS	GROSS ALPHA - DISSOLVED	16-JUL-91	2	14.87	PCI/L	
		GROSS BETA - DISSOLVED	16-JUL-91	4	9.433	PCI/L	
		TRITIUM	16-JUL-91	400	215.5	PCI/L	J
		GROSS ALPHA - DISSOLVED	23-APR-91	2	16.63	PCI/L	
		GROSS BETA - DISSOLVED	23-APR-91	4	6.768	PCI/L	
		TRITIUM	23-APR-91	400	116.8	PCI/L	J
		URANIUM-233,-234	23-APR-91	.6	9.861	PCI/L	
		URANIUM-235	23-APR-91	.6	.2988	PCI/L	J
		URANIUM-238	23-APR-91	.6	8.456	PCI/L	
1386	VOA	1,1,1-TRICHLOROETHANE	15-MAR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	15-MAR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	15-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	15-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	15-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	15-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	15-MAR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	15-MAR-91	5	5	UG/L	U
		2-BUTANONE	15-MAR-91	10	10	UG/L	U
		2-HEXANONE	15-MAR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	15-MAR-91	10	10	UG/L	U
		ACETONE	15-MAR-91	10	30	UG/L	B
		BENZENE	15-MAR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	15-MAR-91	5	5	UG/L	U
		BROMOFORM	15-MAR-91	5	5	UG/L	U
		BROMOMETHANE	15-MAR-91	10	10	UG/L	U
		CARBON DISULFIDE	15-MAR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	15-MAR-91	5	5	UG/L	U
		CHLOROBENZENE	15-MAR-91	5	5	UG/L	U
		CHLOROETHANE	15-MAR-91	10	10	UG/L	U
		CHLOROFORM	15-MAR-91	5	5	UG/L	U
		CHLOROMETHANE	15-MAR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	15-MAR-91	5	5	UG/L	U
		ETHYLBENZENE	15-MAR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	15-MAR-91	5	3	UG/L	BJ
		STYRENE	15-MAR-91	5	5	UG/L	U
		TETRACHLOROETHENE	15-MAR-91	5	5	UG/L	U
		TOLUENE	15-MAR-91	5	5	UG/L	U
		TOTAL XYLENES	15-MAR-91	5	5	UG/L	U
		TRICHLOROETHENE	15-MAR-91	5	5	UG/L	U
		VINYL ACETATE	15-MAR-91	10	10	UG/L	U
		VINYL CHLORIDE	15-MAR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	15-MAR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	15-MAR-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	16-JUL-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	16-JUL-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	16-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	16-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	16-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	16-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	16-JUL-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	16-JUL-91	5	5	UG/L	U
		2-BUTANONE	16-JUL-91	10	10	UG/L	U
		2-HEXANONE	16-JUL-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	16-JUL-91	10	10	UG/L	U
		ACETONE	16-JUL-91	10	10	UG/L	U
		BENZENE	16-JUL-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	16-JUL-91	5	5	UG/L	U
		BROMOFORM	16-JUL-91	5	5	UG/L	U
		BROMOMETHANE	16-JUL-91	10	10	UG/L	U
		CARBON DISULFIDE	16-JUL-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	16-JUL-91	5	5	UG/L	U
		CHLOROBENZENE	16-JUL-91	5	5	UG/L	U
		CHLOROETHANE	16-JUL-91	10	10	UG/L	U
		CHLOROFORM	16-JUL-91	5	5	UG/L	U
		CHLOROMETHANE	16-JUL-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	16-JUL-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		ETHYLBENZENE	16-JUL-91	5	5	UG/L	U
		METHYLENE CHLORIDE	16-JUL-91	5	5	UG/L	U
		STYRENE	16-JUL-91	5	5	UG/L	U
		TETRACHLOROETHENE	16-JUL-91	5	5	UG/L	U
		TOLUENE	16-JUL-91	5	5	UG/L	U
		TOTAL XYLENES	16-JUL-91	5	5	UG/L	U
		TRICHLOROETHENE	16-JUL-91	5	5	UG/L	U
		VINYL ACETATE	16-JUL-91	10	10	UG/L	U
		VINYL CHLORIDE	16-JUL-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	16-JUL-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	16-JUL-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	22-OCT-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	22-OCT-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	22-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	22-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	22-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	22-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	22-OCT-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	22-OCT-91	5	5	UG/L	U
		2-BUTANONE	22-OCT-91	10	10	UG/L	U
		2-HEXANONE	22-OCT-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	22-OCT-91	10	10	UG/L	U
		ACETONE	22-OCT-91	10	10	UG/L	U
		BENZENE	22-OCT-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	22-OCT-91	5	5	UG/L	U
		BROMOFORM	22-OCT-91	5	5	UG/L	U
		BROMOMETHANE	22-OCT-91	10	10	UG/L	U
		CARBON DISULFIDE	22-OCT-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	22-OCT-91	5	5	UG/L	U
		CHLOROBENZENE	22-OCT-91	5	5	UG/L	U
		CHLOROETHANE	22-OCT-91	10	10	UG/L	U
		CHLOROFORM	22-OCT-91	5	5	UG/L	U
		CHLOROMETHANE	22-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	22-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	22-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	22-OCT-91	5	5	UG/L	U
		STYRENE	22-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	22-OCT-91	5	5	UG/L	U
		TOLUENE	22-OCT-91	5	5	UG/L	U
		TOTAL XYLENES	22-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	22-OCT-91	5	5	UG/L	U
		VINYL ACETATE	22-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	22-OCT-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	22-OCT-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	22-OCT-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	23-APR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	23-APR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	23-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	23-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	23-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	23-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	23-APR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	23-APR-91	5	5	UG/L	U
		2-BUTANONE	23-APR-91	10	10	UG/L	U
		2-HEXANONE	23-APR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	23-APR-91	10	10	UG/L	U
		ACETONE	23-APR-91	10	10	UG/L	U
		BENZENE	23-APR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	23-APR-91	5	5	UG/L	U
		BROMOFORM	23-APR-91	5	5	UG/L	U
		BROMOMETHANE	23-APR-91	10	10	UG/L	U
		CARBON DISULFIDE	23-APR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	23-APR-91	5	5	UG/L	U
		CHLOROBENZENE	23-APR-91	5	5	UG/L	U
		CHLOROETHANE	23-APR-91	10	10	UG/L	U
		CHLOROFORM	23-APR-91	5	5	UG/L	U
		CHLOROMETHANE	23-APR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	23-APR-91	5	5	UG/L	U
		ETHYLBENZENE	23-APR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	23-APR-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		STYRENE	23-APR-91	5	5	UG/L	U
		TETRACHLOROETHENE	23-APR-91	5	5	UG/L	U
		TOLUENE	23-APR-91	5	5	UG/L	U
		TOTAL XYLENES	23-APR-91	5	5	UG/L	U
		TRICHLOROETHENE	23-APR-91	5	5	UG/L	U
		VINYL ACETATE	23-APR-91	10	10	UG/L	U
		VINYL CHLORIDE	23-APR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	23-APR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	23-APR-91	5	5	UG/L	U
1386	WQHP	BICARBONATE AS CACO3	15-MAR-91	1.0	460	MG/L	
		CARBONATE AS CACO3	15-MAR-91	1.0	0	MG/L	
		CHLORIDE	15-MAR-91	0.2	67	MG/L	
		FLUORIDE	15-MAR-91	0.1	0.6	MG/L	
		NITRATE/NITRITE	15-MAR-91	0.02	0.2	MG/L	
		ORTHOPHOSPHATE	15-MAR-91	0.01	0.02	MG/L	
		SILICA, DISSOLVED	15-MAR-91	0.4	6.6	MG/L	
		SULFATE	15-MAR-91	2.0	71	MG/L	
		TOTAL DISSOLVED SOLIDS	15-MAR-91	10.0	690	MG/L	
		TOTAL SUSPENDED SOLIDS	15-MAR-91	4.0	28	MG/L	
		BICARBONATE AS CACO3	16-JUL-91	1.0	500	MG/L	
		CARBONATE AS CACO3	16-JUL-91	1.0	0	MG/L	
		CHLORIDE	16-JUL-91	0.2	69	MG/L	
		FLUORIDE	16-JUL-91	0.1	0.5	MG/L	
		NITRATE/NITRITE	16-JUL-91	0.02	0.23	MG/L	
		SILICA, DISSOLVED	16-JUL-91	0.4	7.2	MG/L	
		SULFATE	16-JUL-91	2.0	72	MG/L	
		TOTAL DISSOLVED SOLIDS	16-JUL-91	10.0	770	MG/L	
		TOTAL SUSPENDED SOLIDS	16-JUL-91	4.0	33	MG/L	
		BICARBONATE AS CACO3	22-OCT-91	1.0	470	MG/L	
		CARBONATE AS CACO3	22-OCT-91	1.0	1	MG/L	U
		CHLORIDE	22-OCT-91	0.2	68	MG/L	
		FLUORIDE	22-OCT-91	0.1	0.6	MG/L	
		NITRATE/NITRITE	22-OCT-91	0.02	0.4	MG/L	
		ORTHOPHOSPHATE	22-OCT-91	0.01	0.02	MG/L	
		SILICA, DISSOLVED	22-OCT-91	0.4	7.7	MG/L	
		SULFATE	22-OCT-91	2.0	150	MG/L	
		TOTAL DISSOLVED SOLIDS	22-OCT-91	10.0	720	MG/L	
		TOTAL SUSPENDED SOLIDS	22-OCT-91	4.0	35	MG/L	
		BICARBONATE AS CACO3	23-APR-91	1.0	480	MG/L	
		CARBONATE AS CACO3	23-APR-91	1.0	0	MG/L	
		CHLORIDE	23-APR-91	0.2	65	MG/L	
		FLUORIDE	23-APR-91	0.1	0.5	MG/L	
		NITRATE/NITRITE	23-APR-91	0.02	0.10	MG/L	
		SILICA, DISSOLVED	23-APR-91	0.4	5.9	MG/L	
		SULFATE	23-APR-91	2.0	840	MG/L	
		TOTAL DISSOLVED SOLIDS	23-APR-91	10.0	690	MG/L	
		TOTAL SUSPENDED SOLIDS	23-APR-91	4.0	12	MG/L	
1586	METALS	ALUMINUM	04-MAR-91	200	69.00	UG/L	B
		ANTIMONY	04-MAR-91	60	21.40	UG/L	B
		ARSENIC	04-MAR-91	10	2.00	UG/L	U
		BARIUM	04-MAR-91	200	239.00	UG/L	
		BERYLLIUM	04-MAR-91	5	1.00	UG/L	U
		CADMIUM	04-MAR-91	5	2.00	UG/L	U
		CALCIUM	04-MAR-91	5000	175000.00	UG/L	
		CESIUM	04-MAR-91	1000	76.00	UG/L	U
		CHROMIUM	04-MAR-91	10	23.70	UG/L	
		COBALT	04-MAR-91	50	5.50	UG/L	B
		COPPER	04-MAR-91	25	8.00	UG/L	B
		CYANIDE	04-MAR-91	10	27.50	UG/L	
		IRON	04-MAR-91	100	27.50	UG/L	B
		LEAD	04-MAR-91	3	1.00	UG/L	U
		LITHIUM	04-MAR-91	100	43.30	UG/L	B
		MAGNESIUM	04-MAR-91	5000	42300.00	UG/L	
		MANGANESE	04-MAR-91	15	6.90	UG/L	B
		MERCURY	04-MAR-91	0	0.20	UG/L	U
		MOLYBDENUM	04-MAR-91	200	5.80	UG/L	B
		NICKEL	04-MAR-91	40	7.80	UG/L	B
		POTASSIUM	04-MAR-91	5000	1940.00	UG/L	B
		SELENIUM	04-MAR-91	5	26.00	UG/L	N
		SILVER	04-MAR-91	10	6.40	UG/L	B

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		SODIUM	04-MAR-91	5000	108000.00	UG/L	
		STRONTIUM	04-MAR-91	200	1230.00	UG/L	
		THALLIUM	04-MAR-91	10	3.00	UG/L	UW
		TIN	04-MAR-91	200	49.10	UG/L	B
		VANADIUM	04-MAR-91	50	9.50	UG/L	B
		ZINC	04-MAR-91	20	10.20	UG/L	B
		ALUMINUM	11-JUL-91	200	6720.00	UG/L	*
		ALUMINUM	11-JUL-91	200	36.20	UG/L	B*
		ANTIMONY	11-JUL-91	60	22.80	UG/L	BN
		ANTIMONY	11-JUL-91	60	47.60	UG/L	BN
		ARSENIC	11-JUL-91	10	2.00	UG/L	U
		ARSENIC	11-JUL-91	10	2.00	UG/L	U
		BARIUM	11-JUL-91	200	270.00	UG/L	E
		BARIUM	11-JUL-91	200	334.00	UG/L	E
		BERYLLIUM	11-JUL-91	5	1.00	UG/L	U
		BERYLLIUM	11-JUL-91	5	1.30	UG/L	B
		CADMIUM	11-JUL-91	5	1.00	UG/L	U
		CADMIUM	11-JUL-91	5	1.30	UG/L	B
		CALCIUM	11-JUL-91	5000	169000.00	UG/L	
		CALCIUM	11-JUL-91	5000	177000.00	UG/L	
		CESIUM	11-JUL-91	1000	112.00	UG/L	U
		CESIUM	11-JUL-91	1000	112.00	UG/L	U
		CHROMIUM	11-JUL-91	10	4.00	UG/L	U
		CHROMIUM	11-JUL-91	10	31.70	UG/L	
		COBALT	11-JUL-91	50	2.00	UG/L	U
		COBALT	11-JUL-91	50	5.40	UG/L	B
		COPPER	11-JUL-91	25	3.00	UG/L	U
		COPPER	11-JUL-91	25	11.10	UG/L	B
		CYANIDE	11-JUL-91	10	11.00	UG/L	
		IRON	11-JUL-91	100	25.00	UG/L	B
		IRON	11-JUL-91	100	7020.00	UG/L	
		LEAD	11-JUL-91	3	7.60	UG/L	S
		LEAD	11-JUL-91	3	1.00	UG/L	US
		LITHIUM	11-JUL-91	100	37.40	UG/L	B
		LITHIUM	11-JUL-91	100	43.90	UG/L	B
		MAGNESIUM	11-JUL-91	5000	43000.00	UG/L	
		MAGNESIUM	11-JUL-91	5000	44200.00	UG/L	
		MANGANESE	11-JUL-91	15	8.50	UG/L	B
		MANGANESE	11-JUL-91	15	96.40	UG/L	
		MERCURY	11-JUL-91	0	0.20	UG/L	U
		MERCURY	11-JUL-91	0	0.20	UG/L	U
		MOLYBDENUM	11-JUL-91	200	3.00	UG/L	U
		MOLYBDENUM	11-JUL-91	200	5.10	UG/L	B
		NICKEL	11-JUL-91	40	3.00	UG/L	U
		NICKEL	11-JUL-91	40	18.10	UG/L	B
		POTASSIUM	11-JUL-91	5000	1690.00	UG/L	B
		POTASSIUM	11-JUL-91	5000	2880.00	UG/L	B
		SELENIUM	11-JUL-91	5	21.10	UG/L	S
		SELENIUM	11-JUL-91	5	26.90	UG/L	S
		SILVER	11-JUL-91	10	2.00	UG/L	U
		SILVER	11-JUL-91	10	2.00	UG/L	U
		SODIUM	11-JUL-91	5000	113000.00	UG/L	
		SODIUM	11-JUL-91	5000	111000.00	UG/L	
		STRONTIUM	11-JUL-91	200	1230.00	UG/L	
		STRONTIUM	11-JUL-91	200	1260.00	UG/L	
		THALLIUM	11-JUL-91	10	2.00	UG/L	U
		THALLIUM	11-JUL-91	10	2.00	UG/L	U
		TIN	11-JUL-91	200	19.00	UG/L	B
		TIN	11-JUL-91	200	52.90	UG/L	B
		VANADIUM	11-JUL-91	50	2.00	UG/L	U
		VANADIUM	11-JUL-91	50	24.30	UG/L	B
		ZINC	11-JUL-91	20	21.40	UG/L	
		ZINC	11-JUL-91	20	76.60	UG/L	
		ALUMINUM	18-APR-91	200	32.80	UG/L	B
		ANTIMONY	18-APR-91	60	6.00	UG/L	U
		ARSENIC	18-APR-91	10	2.00	UG/L	U
		BARIUM	18-APR-91	200	251.00	UG/L	
		BERYLLIUM	18-APR-91	5	1.00	UG/L	U
		CADMIUM	18-APR-91	5	2.00	UG/L	U
		CALCIUM	18-APR-91	5000	179000.00	UG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		CESIUM	18-APR-91	1000	112.00	UG/L	U
		CHROMIUM	18-APR-91	10	3.00	UG/L	U
		COBALT	18-APR-91	50	3.00	UG/L	U
		COPPER	18-APR-91	25	11.00	UG/L	U
		CYANIDE	18-APR-91	10	11.50	UG/L	
		IRON	18-APR-91	100	7.00	UG/L	U*
		LEAD	18-APR-91	3	1.00	UG/L	U
		LITHIUM	18-APR-91	100	40.60	UG/L	B
		MAGNESIUM	18-APR-91	5000	44400.00	UG/L	
		MANGANESE	18-APR-91	15	7.50	UG/L	B
		MERCURY	18-APR-91	0	0.20	UG/L	U
		MOLYBDENUM	18-APR-91	200	2.00	UG/L	U
		NICKEL	18-APR-91	40	3.00	UG/L	U
		POTASSIUM	18-APR-91	5000	1660.00	UG/L	B
		SELENIUM	18-APR-91	5	29.00	UG/L	
		SILVER	18-APR-91	10	2.00	UG/L	U
		SODIUM	18-APR-91	5000	117000.00	UG/L	
		STRONTIUM	18-APR-91	200	1310.00	UG/L	
		THALLIUM	18-APR-91	10	1.00	UG/L	UWN
		TIN	18-APR-91	200	12.50	UG/L	B
		VANADIUM	18-APR-91	50	2.00	UG/L	U
		ZINC	18-APR-91	20	7.80	UG/L	B
		ALUMINUM	21-OCT-91	200	1410.00	UG/L	*
		ALUMINUM	21-OCT-91	200	80.20	UG/L	B
		ANTIMONY	21-OCT-91	60	65.10	UG/L	
		ANTIMONY	21-OCT-91	60	69.50	UG/L	
		ARSENIC	21-OCT-91	10	2.00	UG/L	UN
		ARSENIC	21-OCT-91	10	2.00	UG/L	U
		BARIUM	21-OCT-91	200	272.00	UG/L	
		BARIUM	21-OCT-91	200	261.00	UG/L	
		BERYLLIUM	21-OCT-91	5	1.00	UG/L	U
		BERYLLIUM	21-OCT-91	5	1.00	UG/L	U
		CADMIUM	21-OCT-91	5	4.30	UG/L	B
		CADMIUM	21-OCT-91	5	4.40	UG/L	B
		CALCIUM	21-OCT-91	5000	172000.00	UG/L	
		CALCIUM	21-OCT-91	5000	174000.00	UG/L	
		CESIUM	21-OCT-91	1000	51.00	UG/L	U
		CESIUM	21-OCT-91	1000	51.00	UG/L	U
		CHROMIUM	21-OCT-91	10	26.20	UG/L	
		CHROMIUM	21-OCT-91	10	23.40	UG/L	
		COBALT	21-OCT-91	50	5.40	UG/L	B
		COBALT	21-OCT-91	50	6.10	UG/L	B
		COPPER	21-OCT-91	25	12.60	UG/L	B
		COPPER	21-OCT-91	25	7.60	UG/L	B
		CYANIDE	21-OCT-91	10	15.00	UG/L	
		IRON	21-OCT-91	100	1290.00	UG/L	
		IRON	21-OCT-91	100	11.70	UG/L	B
		LEAD	21-OCT-91	3	2.40	UG/L	B
		LEAD	21-OCT-91	3	1.00	UG/L	U
		LITHIUM	21-OCT-91	100	42.00	UG/L	B
		LITHIUM	21-OCT-91	100	40.80	UG/L	B
		MAGNESIUM	21-OCT-91	5000	41900.00	UG/L	
		MAGNESIUM	21-OCT-91	5000	42200.00	UG/L	
		MANGANESE	21-OCT-91	15	26.50	UG/L	
		MANGANESE	21-OCT-91	15	9.40	UG/L	B
		MERCURY	21-OCT-91	0	0.20	UG/L	U
		MERCURY	21-OCT-91	0	0.20	UG/L	U
		MOLYBDENUM	21-OCT-91	200	9.20	UG/L	B
		MOLYBDENUM	21-OCT-91	200	9.00	UG/L	B
		NICKEL	21-OCT-91	40	17.00	UG/L	U
		NICKEL	21-OCT-91	40	17.00	UG/L	U
		POTASSIUM	21-OCT-91	5000	2370.00	UG/L	B
		POTASSIUM	21-OCT-91	5000	2140.00	UG/L	B
		SELENIUM	21-OCT-91	5	18.00	UG/L	
		SELENIUM	21-OCT-91	5	20.90	UG/L	S
		SILVER	21-OCT-91	10	4.80	UG/L	B
		SILVER	21-OCT-91	10	4.60	UG/L	B
		SODIUM	21-OCT-91	5000	110000.00	UG/L	
		SODIUM	21-OCT-91	5000	109000.00	UG/L	
		STRONTIUM	21-OCT-91	200	1300.00	UG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		STRONTIUM	21-OCT-91	200	1300.00	UG/L	
		THALLIUM	21-OCT-91	10	1.00	UG/L	UWN
		THALLIUM	21-OCT-91	10	1.00	UG/L	UW
		TIN	21-OCT-91	200	34.70	UG/L	B
		TIN	21-OCT-91	200	35.00	UG/L	B
		VANADIUM	21-OCT-91	50	13.50	UG/L	B
		VANADIUM	21-OCT-91	50	10.30	UG/L	B
		ZINC	21-OCT-91	20	18.50	UG/L	BE
		ZINC	21-OCT-91	20	10.50	UG/L	B
1586	RADS	AMERICIUM-241	04-MAR-91	.01	.00381	PCI/L	J
		CESIUM-137	04-MAR-91	1	.1095	PCI/L	J
		GROSS ALPHA - DISSOLVED	04-MAR-91	2	24.95	PCI/L	
		GROSS BETA - DISSOLVED	04-MAR-91	4	7.294	PCI/L	
		PLUTONIUM-239/240	04-MAR-91	.01	.0004367	PCI/L	J
		RADIUM-226	04-MAR-91	.5	.4294	PCI/L	J
		STRONTIUM-89,90	04-MAR-91	1	.7356	PCI/L	J
		TRITIUM	04-MAR-91	400	-66	PCI/L	J
		URANIUM-233,-234	04-MAR-91	.6	17.62	PCI/L	
		URANIUM-235	04-MAR-91	.6	.4533	PCI/L	J
		URANIUM-238	04-MAR-91	.6	12.9	PCI/L	
		AMERICIUM-241	18-APR-91	.01	.01363	PCI/L	
		CESIUM-137	18-APR-91	1	.08706	PCI/L	J
		GROSS ALPHA - DISSOLVED	18-APR-91	2	34.63	PCI/L	
		GROSS BETA - DISSOLVED	18-APR-91	4	6.799	PCI/L	
		PLUTONIUM-239/240	18-APR-91	.01	.002591	PCI/L	J
		RADIUM-226	18-APR-91	.5	.377	PCI/L	J
		STRONTIUM-89,90	18-APR-91	1	.3894	PCI/L	J
		TRITIUM	18-APR-91	400	235.8	PCI/L	J
		URANIUM-233,-234	18-APR-91	.6	16.91	PCI/L	
		URANIUM-235	18-APR-91	.6	1.094	PCI/L	
		URANIUM-238	18-APR-91	.6	15.45	PCI/L	
1586	VOA	1,1,1-TRICHLOROETHANE	04-MAR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	04-MAR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	04-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	04-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	04-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	04-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	04-MAR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	04-MAR-91	5	5	UG/L	U
		2-BUTANONE	04-MAR-91	10	10	UG/L	U
		2-HEXANONE	04-MAR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	04-MAR-91	10	10	UG/L	U
		ACETONE	04-MAR-91	10	10	UG/L	U
		BENZENE	04-MAR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	04-MAR-91	5	5	UG/L	U
		BROMOFORM	04-MAR-91	5	5	UG/L	U
		BROMOMETHANE	04-MAR-91	10	10	UG/L	U
		CARBON DISULFIDE	04-MAR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	04-MAR-91	5	5	UG/L	U
		CHLOROBENZENE	04-MAR-91	5	5	UG/L	U
		CHLOROETHANE	04-MAR-91	10	10	UG/L	U
		CHLOROFORM	04-MAR-91	5	5	UG/L	U
		CHLOROMETHANE	04-MAR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	04-MAR-91	5	5	UG/L	U
		ETHYLBENZENE	04-MAR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	04-MAR-91	5	5	UG/L	U
		STYRENE	04-MAR-91	5	5	UG/L	U
		TETRACHLOROETHENE	04-MAR-91	5	5	UG/L	U
		TOLUENE	04-MAR-91	5	5	UG/L	U
		TOTAL XYLENES	04-MAR-91	5	5	UG/L	U
		TRICHLOROETHENE	04-MAR-91	5	5	UG/L	U
		VINYL ACETATE	04-MAR-91	10	10	UG/L	U
		VINYL CHLORIDE	04-MAR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	04-MAR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	04-MAR-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	11-JUL-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	11-JUL-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	11-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	11-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	11-JUL-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		1,2-DICHLOROETHANE	11-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	11-JUL-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	11-JUL-91	5	5	UG/L	U
		2-BUTANONE	11-JUL-91	10	10	UG/L	U
		2-HEXANONE	11-JUL-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	11-JUL-91	10	10	UG/L	U
		ACETONE	11-JUL-91	10	10	UG/L	U
		BENZENE	11-JUL-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	11-JUL-91	5	5	UG/L	U
		BROMOFORM	11-JUL-91	5	5	UG/L	U
		BROMOMETHANE	11-JUL-91	10	10	UG/L	U
		CARBON DISULFIDE	11-JUL-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	11-JUL-91	5	5	UG/L	U
		CHLOROBENZENE	11-JUL-91	5	5	UG/L	U
		CHLOROETHANE	11-JUL-91	10	10	UG/L	U
		CHLOROFORM	11-JUL-91	5	5	UG/L	U
		CHLOROMETHANE	11-JUL-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	11-JUL-91	5	5	UG/L	U
		ETHYLBENZENE	11-JUL-91	5	5	UG/L	U
		METHYLENE CHLORIDE	11-JUL-91	5	5	UG/L	U
		STYRENE	11-JUL-91	5	5	UG/L	U
		TETRACHLOROETHENE	11-JUL-91	5	5	UG/L	U
		TOLUENE	11-JUL-91	5	5	UG/L	U
		TOTAL XYLENES	11-JUL-91	5	5	UG/L	U
		TRICHLOROETHENE	11-JUL-91	5	5	UG/L	U
		VINYL ACETATE	11-JUL-91	10	10	UG/L	U
		VINYL CHLORIDE	11-JUL-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	11-JUL-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	11-JUL-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	18-APR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	18-APR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	18-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	18-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	18-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	18-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	18-APR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	18-APR-91	5	5	UG/L	U
		2-BUTANONE	18-APR-91	10	10	UG/L	U
		2-HEXANONE	18-APR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	18-APR-91	10	10	UG/L	U
		ACETONE	18-APR-91	10	10	UG/L	U
		BENZENE	18-APR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	18-APR-91	5	5	UG/L	U
		BROMOFORM	18-APR-91	5	5	UG/L	U
		BROMOMETHANE	18-APR-91	10	10	UG/L	U
		CARBON DISULFIDE	18-APR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	18-APR-91	5	5	UG/L	U
		CHLOROBENZENE	18-APR-91	5	5	UG/L	U
		CHLOROETHANE	18-APR-91	10	10	UG/L	U
		CHLOROFORM	18-APR-91	5	5	UG/L	U
		CHLOROMETHANE	18-APR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	18-APR-91	5	5	UG/L	U
		ETHYLBENZENE	18-APR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	18-APR-91	5	5	UG/L	U
		STYRENE	18-APR-91	5	5	UG/L	U
		TETRACHLOROETHENE	18-APR-91	5	5	UG/L	U
		TOLUENE	18-APR-91	5	5	UG/L	U
		TOTAL XYLENES	18-APR-91	5	5	UG/L	U
		TRICHLOROETHENE	18-APR-91	5	5	UG/L	U
		VINYL ACETATE	18-APR-91	10	10	UG/L	U
		VINYL CHLORIDE	18-APR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	18-APR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	18-APR-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	21-OCT-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	21-OCT-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	21-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	21-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	21-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	21-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	21-OCT-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		1,2-DICHLOROPROPANE	21-OCT-91	5	5	UG/L	U
		2-BUTANONE	21-OCT-91	10	10	UG/L	U
		2-HEXANONE	21-OCT-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	21-OCT-91	10	10	UG/L	U
		ACETONE	21-OCT-91	10	10	UG/L	U
		BENZENE	21-OCT-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	21-OCT-91	5	5	UG/L	U
		BROMOFORM	21-OCT-91	5	5	UG/L	U
		BROMOMETHANE	21-OCT-91	10	10	UG/L	U
		CARBON DISULFIDE	21-OCT-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	21-OCT-91	5	5	UG/L	U
		CHLOROBENZENE	21-OCT-91	5	5	UG/L	U
		CHLOROETHANE	21-OCT-91	10	10	UG/L	U
		CHLOROFORM	21-OCT-91	5	5	UG/L	U
		CHLOROMETHANE	21-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	21-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	21-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	21-OCT-91	5	5	UG/L	U
		STYRENE	21-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	21-OCT-91	5	5	UG/L	U
		TOLUENE	21-OCT-91	5	5	UG/L	U
		TOTAL XYLENES	21-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	21-OCT-91	5	5	UG/L	U
		VINYL ACETATE	21-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	21-OCT-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	21-OCT-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	21-OCT-91	5	5	UG/L	U
1586	WQHP	BICARBONATE AS CACO3	04-MAR-91	1.0	390	MG/L	
		CARBONATE AS CACO3	04-MAR-91	1.0	0	MG/L	
		CHLORIDE	04-MAR-91	0.2	87	MG/L	
		FLUORIDE	04-MAR-91	0.1	0.6	MG/L	
		NITRATE/NITRITE	04-MAR-91	0.02	56	MG/L	
		ORTHOPHOSPHATE	04-MAR-91	0.01	.01	MG/L	U
		SILICA, DISSOLVED	04-MAR-91	0.4	7.5	MG/L	
		SULFATE	04-MAR-91	2.0	180	MG/L	
		SULFATE	04-MAR-91	2.0	96	MG/L	
		TOTAL DISSOLVED SOLIDS	04-MAR-91	10.0	1100	MG/L	
		TOTAL SUSPENDED SOLIDS	04-MAR-91	4.0	760	MG/L	
		BICARBONATE AS CACO3	11-JUL-91	1.0	390	MG/L	
		CARBONATE AS CACO3	11-JUL-91	1.0	0	MG/L	
		CHLORIDE	11-JUL-91	0.2	250	MG/L	
		FLUORIDE	11-JUL-91	0.1	0.5	MG/L	
		NITRATE/NITRITE	11-JUL-91	0.02	37	MG/L	
		ORTHOPHOSPHATE	11-JUL-91	0.01	0.01	MG/L	
		SILICA, DISSOLVED	11-JUL-91	0.4	8	MG/L	
		SULFATE	11-JUL-91	2.0	130	MG/L	
		TOTAL DISSOLVED SOLIDS	11-JUL-91	10.0	1200	MG/L	
		TOTAL SUSPENDED SOLIDS	11-JUL-91	4.0	130	MG/L	
		BICARBONATE AS CACO3	18-APR-91	1.0	390	MG/L	
		CARBONATE AS CACO3	18-APR-91	1.0	0	MG/L	
		CHLORIDE	18-APR-91	0.2	96	MG/L	
		FLUORIDE	18-APR-91	0.1	0.4	MG/L	
		NITRATE/NITRITE	18-APR-91	0.02	45	MG/L	
		ORTHOPHOSPHATE	18-APR-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	18-APR-91	0.4	7.3	MG/L	
		SULFATE	18-APR-91	2.0	200	MG/L	
		TOTAL DISSOLVED SOLIDS	18-APR-91	10.0	1000	MG/L	
		TOTAL SUSPENDED SOLIDS	18-APR-91	4.0	130	MG/L	
		BICARBONATE AS CACO3	21-OCT-91	1.0	380	MG/L	
		CARBONATE AS CACO3	21-OCT-91	1.0	1	MG/L	U
		CHLORIDE	21-OCT-91	0.2	89	MG/L	
		FLUORIDE	21-OCT-91	0.1	0.5	MG/L	
		NITRATE/NITRITE	21-OCT-91	0.02	36	MG/L	
		ORTHOPHOSPHATE	21-OCT-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	21-OCT-91	0.4	8.5	MG/L	
		SULFATE	21-OCT-91	2.0	260	MG/L	
		TOTAL DISSOLVED SOLIDS	21-OCT-91	10.0	1100	MG/L	
		TOTAL SUSPENDED SOLIDS	21-OCT-91	4.0	100	MG/L	
1786	METALS	ALUMINUM	04-MAR-91	200	90.6	UG/L	B
		ANTIMONY	04-MAR-91	60	136	UG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		ARSENIC	04-MAR-91	10	2	UG/L	UW
		BARIUM	04-MAR-91	200	255	UG/L	E
		BERYLLIUM	04-MAR-91	5	2.1	UG/L	B
		CADMIUM	04-MAR-91	5	32.9	UG/L	
		CALCIUM	04-MAR-91	5000	616000	UG/L	
		CESIUM	04-MAR-91	1000	2	UG/L	UWN
		CHROMIUM	04-MAR-91	10	31.2	UG/L	
		COBALT	04-MAR-91	50	29.8	UG/L	B
		COPPER	04-MAR-91	25	44.4	UG/L	
		IRON	04-MAR-91	100	19.5	UG/L	B
		LEAD	04-MAR-91	3	2	UG/L	U
		LITHIUM	04-MAR-91	100	308	UG/L	
		MAGNESIUM	04-MAR-91	5000	191000	UG/L	
		MANGANESE	04-MAR-91	15	9.3	UG/L	B
		MERCURY	04-MAR-91	0	.2	UG/L	U
		MOLYBDENUM	04-MAR-91	200	25.9	UG/L	
		NICKEL	04-MAR-91	40	76.8	UG/L	
		POTASSIUM	04-MAR-91	5000	4210	UG/L	B
		SELENIUM	04-MAR-91	5	169	UG/L	
		SILICON	04-MAR-91	1000	5600	UG/L	
		SILVER	04-MAR-91	10	39.2	UG/L	
		SODIUM	04-MAR-91	5000	275000	UG/L	
		STRONTIUM	04-MAR-91	200	5530	UG/L	
		THALLIUM	04-MAR-91	10	2	UG/L	UWN
		TIN	04-MAR-91	200	200	UG/L	U
		VANADIUM	04-MAR-91	50	29.2	UG/L	B
		ZINC	04-MAR-91	20	14.6	UG/L	B
		ALUMINUM	09-JUL-91	200	179.00	UG/L	B*
		ANTIMONY	09-JUL-91	60	144.00	UG/L	N
		ARSENIC	09-JUL-91	10	2.00	UG/L	U
		BARIUM	09-JUL-91	200	263.00	UG/L	E
		BERYLLIUM	09-JUL-91	5	2.00	UG/L	B
		CADMIUM	09-JUL-91	5	4.30	UG/L	B
		CALCIUM	09-JUL-91	5000	545000.00	UG/L	
		CESIUM	09-JUL-91	1000	112.00	UG/L	U
		CHROMIUM	09-JUL-91	10	37.50	UG/L	
		COBALT	09-JUL-91	50	8.60	UG/L	B
		COPPER	09-JUL-91	25	10.60	UG/L	B
		CYANIDE	09-JUL-91	10	9.50	UG/L	
		IRON	09-JUL-91	100	52.90	UG/L	B
		LEAD	09-JUL-91	3	1.00	UG/L	U
		LITHIUM	09-JUL-91	100	336.00	UG/L	
		MAGNESIUM	09-JUL-91	5000	175000.00	UG/L	
		MANGANESE	09-JUL-91	15	1.00	UG/L	U
		MERCURY	09-JUL-91	0	0.20	UG/L	U
		MOLYBDENUM	09-JUL-91	200	14.80	UG/L	B
		NICKEL	09-JUL-91	40	12.30	UG/L	B
		POTASSIUM	09-JUL-91	5000	5220.00	UG/L	
		SELENIUM	09-JUL-91	5	192.00	UG/L	S
		SILVER	09-JUL-91	10	2.00	UG/L	U
		SODIUM	09-JUL-91	5000	299000.00	UG/L	
		STRONTIUM	09-JUL-91	200	5070.00	UG/L	
		THALLIUM	09-JUL-91	10	2.00	UG/L	UW
		TIN	09-JUL-91	200	129.00	UG/L	B
		VANADIUM	09-JUL-91	50	5.40	UG/L	B
		ZINC	09-JUL-91	20	15.80	UG/L	B
		ALUMINUM	10-OCT-91	200	180.00	UG/L	B
		ALUMINUM	10-OCT-91	200	23900.00	UG/L	*
		ANTIMONY	10-OCT-91	60	93.90	UG/L	
		ANTIMONY	10-OCT-91	60	154.00	UG/L	N
		ARSENIC	10-OCT-91	10	2.00	UG/L	U
		ARSENIC	10-OCT-91	10	4.00	UG/L	BN
		BARIUM	10-OCT-91	200	266.00	UG/L	
		BARIUM	10-OCT-91	200	390.00	UG/L	*
		BERYLLIUM	10-OCT-91	5	1.00	UG/L	U
		BERYLLIUM	10-OCT-91	5	2.20	UG/L	B
		CADMIUM	10-OCT-91	5	11.20	UG/L	
		CADMIUM	10-OCT-91	5	12.00	UG/L	
		CALCIUM	10-OCT-91	5000	559000.00	UG/L	
		CALCIUM	10-OCT-91	5000	541000.00	UG/L	*

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		CESIUM	10-OCT-91	1000	51.00	UG/L	U
		CESIUM	10-OCT-91	1000	51.00	UG/L	U
		CHROMIUM	10-OCT-91	10	36.70	UG/L	
		CHROMIUM	10-OCT-91	10	64.80	UG/L	N*
		COBALT	10-OCT-91	50	8.60	UG/L	B
		COBALT	10-OCT-91	50	20.90	UG/L	B
		COPPER	10-OCT-91	25	11.20	UG/L	B
		COPPER	10-OCT-91	25	43.70	UG/L	*
		CYANIDE	10-OCT-91	10	23.00	UG/L	
		IRON	10-OCT-91	100	40.90	UG/L	B
		IRON	10-OCT-91	100	21200.00	UG/L	*
		LEAD	10-OCT-91	3	1.00	UG/L	U
		LEAD	10-OCT-91	3	12.20	UG/L	SN*
		LITHIUM	10-OCT-91	100	322.00	UG/L	
		LITHIUM	10-OCT-91	100	305.00	UG/L	
		MAGNESIUM	10-OCT-91	5000	179000.00	UG/L	
		MAGNESIUM	10-OCT-91	5000	172000.00	UG/L	*
		MANGANESE	10-OCT-91	15	5.60	UG/L	B
		MANGANESE	10-OCT-91	15	128.00	UG/L	N*
		MERCURY	10-OCT-91	0	0.20	UG/L	U
		MERCURY	10-OCT-91	0	0.20	UG/L	UN
		MOLYBDENUM	10-OCT-91	200	14.50	UG/L	B
		MOLYBDENUM	10-OCT-91	200	23.40	UG/L	B
		NICKEL	10-OCT-91	40	17.00	UG/L	U
		NICKEL	10-OCT-91	40	40.80	UG/L	*
		POTASSIUM	10-OCT-91	5000	5690.00	UG/L	
		POTASSIUM	10-OCT-91	5000	8130.00	UG/L	
		SELENIUM	10-OCT-91	5	220.00	UG/L	
		SELENIUM	10-OCT-91	5	200.00	UG/L	
		SILVER	10-OCT-91	10	2.00	UG/L	U
		SILVER	10-OCT-91	10	5.90	UG/L	B
		SODIUM	10-OCT-91	5000	296000.00	UG/L	
		SODIUM	10-OCT-91	5000	287000.00	UG/L	
		STRONTIUM	10-OCT-91	200	5690.00	UG/L	
		STRONTIUM	10-OCT-91	200	5410.00	UG/L	
		THALLIUM	10-OCT-91	10	1.00	UG/L	U
		THALLIUM	10-OCT-91	10	1.00	UG/L	U
		TIN	10-OCT-91	200	76.90	UG/L	B
		TIN	10-OCT-91	200	88.90	UG/L	B
		VANADIUM	10-OCT-91	50	18.70	UG/L	B
		VANADIUM	10-OCT-91	50	73.80	UG/L	N*
		ZINC	10-OCT-91	20	15.10	UG/L	B
		ZINC	10-OCT-91	20	112.00	UG/L	*
		ALUMINUM	18-APR-91	200	155.00	UG/L	B
		ANTIMONY	18-APR-91	60	13.60	UG/L	B
		ARSENIC	18-APR-91	10	2.00	UG/L	U
		BARIUM	18-APR-91	200	262.00	UG/L	
		BERYLLIUM	18-APR-91	5	1.10	UG/L	B
		CADMIUM	18-APR-91	5	2.00	UG/L	U
		CALCIUM	18-APR-91	5000	643000.00	UG/L	
		CESIUM	18-APR-91	1000	112.00	UG/L	U
		CHROMIUM	18-APR-91	10	3.00	UG/L	U
		COBALT	18-APR-91	50	3.00	UG/L	U
		COPPER	18-APR-91	25	11.00	UG/L	U
		CYANIDE	18-APR-91	10	3.00	UG/L	B
		IRON	18-APR-91	100	48.30	UG/L	B*
		LEAD	18-APR-91	3	1.00	UG/L	UW
		LITHIUM	18-APR-91	100	349.00	UG/L	
		MAGNESIUM	18-APR-91	5000	187000.00	UG/L	
		MANGANESE	18-APR-91	15	1.00	UG/L	U
		MERCURY	18-APR-91	0	0.20	UG/L	U
		MOLYBDENUM	18-APR-91	200	10.70	UG/L	B
		NICKEL	18-APR-91	40	4.90	UG/L	B
		POTASSIUM	18-APR-91	5000	4790.00	UG/L	B
		SELENIUM	18-APR-91	5	232.00	UG/L	
		SILVER	18-APR-91	10	2.00	UG/L	U
		SODIUM	18-APR-91	5000	307000.00	UG/L	
		STRONTIUM	18-APR-91	200	5550.00	UG/L	
		THALLIUM	18-APR-91	10	1.00	UG/L	UWN
		TIN	18-APR-91	200	48.20	UG/L	B

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		VANADIUM	18-APR-91	50	3.60	UG/L	B
		ZINC	18-APR-91	20	3.00	UG/L	U
1786	RADS	AMERICIUM-241	04-MAR-91	.01	-.0013	PCI/L	J
		CESIUM-137	04-MAR-91	1	-.408	PCI/L	J
		GROSS ALPHA - DISSOLVED	04-MAR-91	2	31.72	PCI/L	
		GROSS BETA - DISSOLVED	04-MAR-91	4	26.54	PCI/L	
		PLUTONIUM-239/240	04-MAR-91	.01	.0002832	PCI/L	J
		RADIUM-226	04-MAR-91	.5	.5358	PCI/L	
		STRONTIUM-89,90	04-MAR-91	1	.5641	PCI/L	J
		TRITIUM	04-MAR-91	400	528.9	PCI/L	
		URANIUM-233,-234	04-MAR-91	.6	31.94	PCI/L	
		URANIUM-235	04-MAR-91	.6	1.212	PCI/L	
		URANIUM-238	04-MAR-91	.6	26.31	PCI/L	
		AMERICIUM-241	18-APR-91	.01	.003559	PCI/L	J
		CESIUM-137	18-APR-91	1	.2801	PCI/L	J
		GROSS ALPHA - DISSOLVED	18-APR-91	2	35.62	PCI/L	
		GROSS BETA - DISSOLVED	18-APR-91	4	38.04	PCI/L	
		PLUTONIUM-239/240	18-APR-91	.01	.003775	PCI/L	J
		RADIUM-226	18-APR-91	.5	.6418	PCI/L	
		STRONTIUM-89,90	18-APR-91	1	1.322	PCI/L	
		TRITIUM	18-APR-91	400	913.7	PCI/L	
		URANIUM-233,-234	18-APR-91	.6	39.69	PCI/L	
		URANIUM-235	18-APR-91	.6	2.023	PCI/L	
		URANIUM-238	18-APR-91	.6	29.85	PCI/L	
1786	VOA	1,1,1-TRICHLOROETHANE	04-MAR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	04-MAR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	04-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	04-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	04-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	04-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	04-MAR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	04-MAR-91	5	5	UG/L	U
		2-BUTANONE	04-MAR-91	10	1	UG/L	J
		2-HEXANONE	04-MAR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	04-MAR-91	10	10	UG/L	U
		ACETONE	04-MAR-91	10	14	UG/L	B
		BENZENE	04-MAR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	04-MAR-91	5	5	UG/L	U
		BROMOFORM	04-MAR-91	5	5	UG/L	U
		BROMOMETHANE	04-MAR-91	10	10	UG/L	U
		CARBON DISULFIDE	04-MAR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	04-MAR-91	5	5	UG/L	U
		CHLOROBENZENE	04-MAR-91	5	5	UG/L	U
		CHLOROETHANE	04-MAR-91	10	10	UG/L	U
		CHLOROFORM	04-MAR-91	5	5	UG/L	U
		CHLOROMETHANE	04-MAR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	04-MAR-91	5	5	UG/L	U
		ETHYLBENZENE	04-MAR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	04-MAR-91	5	2	UG/L	BJ
		STYRENE	04-MAR-91	5	5	UG/L	U
		TETRACHLOROETHENE	04-MAR-91	5	5	UG/L	U
		TOLUENE	04-MAR-91	5	5	UG/L	U
		TOTAL XYLENES	04-MAR-91	5	5	UG/L	U
		TRICHLOROETHENE	04-MAR-91	5	1	UG/L	J
		VINYL ACETATE	04-MAR-91	10	10	UG/L	U
		VINYL CHLORIDE	04-MAR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	04-MAR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	04-MAR-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	09-JUL-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	09-JUL-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	09-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	09-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	09-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	09-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	09-JUL-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	09-JUL-91	5	5	UG/L	U
		2-BUTANONE	09-JUL-91	10	10	UG/L	U
		2-HEXANONE	09-JUL-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	09-JUL-91	10	10	UG/L	U
		ACETONE	09-JUL-91	10	10	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		BENZENE	09-JUL-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	09-JUL-91	5	5	UG/L	U
		BROMOFORM	09-JUL-91	5	5	UG/L	U
		BROMOMETHANE	09-JUL-91	10	10	UG/L	U
		CARBON DISULFIDE	09-JUL-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	09-JUL-91	5	5	UG/L	U
		CHLOROBENZENE	09-JUL-91	5	5	UG/L	U
		CHLOROETHANE	09-JUL-91	10	10	UG/L	U
		CHLOROFORM	09-JUL-91	5	5	UG/L	U
		CHLOROMETHANE	09-JUL-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	09-JUL-91	5	5	UG/L	U
		ETHYLBENZENE	09-JUL-91	5	5	UG/L	U
		METHYLENE CHLORIDE	09-JUL-91	5	5	UG/L	U
		STYRENE	09-JUL-91	5	5	UG/L	U
		TETRACHLOROETHENE	09-JUL-91	5	5	UG/L	U
		TOLUENE	09-JUL-91	5	5	UG/L	U
		TOTAL XYLENES	09-JUL-91	5	5	UG/L	U
		TRICHLOROETHENE	09-JUL-91	5	5	UG/L	U
		VINYL ACETATE	09-JUL-91	10	10	UG/L	U
		VINYL CHLORIDE	09-JUL-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	09-JUL-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	09-JUL-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	10-OCT-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	10-OCT-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	10-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	10-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	10-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	10-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	10-OCT-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	10-OCT-91	5	5	UG/L	U
		2-BUTANONE	10-OCT-91	10	10	UG/L	U
		2-HEXANONE	10-OCT-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	10-OCT-91	10	10	UG/L	U
		ACETONE	10-OCT-91	10	10	UG/L	U
		BENZENE	10-OCT-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	10-OCT-91	5	5	UG/L	U
		BROMOFORM	10-OCT-91	5	5	UG/L	U
		BROMOMETHANE	10-OCT-91	10	10	UG/L	U
		CARBON DISULFIDE	10-OCT-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	10-OCT-91	5	5	UG/L	U
		CHLOROBENZENE	10-OCT-91	5	5	UG/L	U
		CHLOROETHANE	10-OCT-91	10	10	UG/L	U
		CHLOROFORM	10-OCT-91	5	5	UG/L	U
		CHLOROMETHANE	10-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	10-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	10-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	10-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	10-OCT-91	5	5	UG/L	U
		STYRENE	10-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	10-OCT-91	5	5	UG/L	U
		TOLUENE	10-OCT-91	5	5	UG/L	U
		TOTAL XYLENES	10-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	10-OCT-91	5	2	UG/L	J
		VINYL ACETATE	10-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	10-OCT-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	10-OCT-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	10-OCT-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	18-APR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	18-APR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	18-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	18-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	18-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	18-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	18-APR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	18-APR-91	5	5	UG/L	U
		2-BUTANONE	18-APR-91	10	10	UG/L	U
		2-HEXANONE	18-APR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	18-APR-91	10	10	UG/L	U
		ACETONE	18-APR-91	10	10	UG/L	U
		BENZENE	18-APR-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		BROMODICHLOROMETHANE	18-APR-91	5	5	UG/L	U
		BROMOFORM	18-APR-91	5	5	UG/L	U
		BROMOMETHANE	18-APR-91	10	10	UG/L	U
		CARBON DISULFIDE	18-APR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	18-APR-91	5	5	UG/L	U
		CHLOROBENZENE	18-APR-91	5	5	UG/L	U
		CHLOROETHANE	18-APR-91	10	10	UG/L	U
		CHLOROFORM	18-APR-91	5	5	UG/L	U
		CHLOROMETHANE	18-APR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	18-APR-91	5	5	UG/L	U
		ETHYLBENZENE	18-APR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	18-APR-91	5	5	UG/L	U
		STYRENE	18-APR-91	5	5	UG/L	U
		TETRACHLOROETHENE	18-APR-91	5	5	UG/L	U
		TOLUENE	18-APR-91	5	5	UG/L	U
		TOTAL XYLENES	18-APR-91	5	5	UG/L	U
		TRICHLOROETHENE	18-APR-91	5	2	UG/L	J
		VINYL ACETATE	18-APR-91	10	10	UG/L	U
		VINYL CHLORIDE	18-APR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	18-APR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	18-APR-91	5	5	UG/L	U
1786	WQHP	ALKALINITY AS CACO3	04-MAR-91		273	MG/L	
		CHLORIDE	04-MAR-91	0.2	156	MG/L	
		CYANIDE	04-MAR-91	10	3.8	UG/L	B
		FLUORIDE	04-MAR-91	0.1	.7	MG/L	
		NITRATE	04-MAR-91		681	MG/L	
		NITRITE	04-MAR-91		.127	MG/L	
		TOTAL DISSOLVED SOLIDS	04-MAR-91	10.0	4420	MG/L	
		TOTAL SUSPENDED SOLIDS	04-MAR-91	4.0	1380	MG/L	
		BICARBONATE AS CACO3	09-JUL-91	1.0	280	MG/L	
		CARBONATE AS CACO3	09-JUL-91	1.0	0	MG/L	
		CHLORIDE	09-JUL-91	0.2	170	MG/L	
		FLUORIDE	09-JUL-91	0.1	0.7	MG/L	
		NITRATE/NITRITE	09-JUL-91	0.02	410	MG/L	
		ORTHOPHOSPHATE	09-JUL-91	0.01	0.02	MG/L	
		SILICA, DISSOLVED	09-JUL-91	0.4	6.5	MG/L	
		SULFATE	09-JUL-91	2.0	180	MG/L	
		TOTAL DISSOLVED SOLIDS	09-JUL-91	10.0	5000	MG/L	
		TOTAL SUSPENDED SOLIDS	09-JUL-91	4.0	2100	MG/L	
		BICARBONATE AS CACO3	10-OCT-91	1.0	290	MG/L	
		CARBONATE AS CACO3	10-OCT-91	1.0	1	MG/L	U
		CHLORIDE	10-OCT-91	0.2	150	MG/L	
		FLUORIDE	10-OCT-91	0.1	0.8	MG/L	
		NITRATE/NITRITE	10-OCT-91	0.02	460	MG/L	
		ORTHOPHOSPHATE	10-OCT-91	0.01	0.01	MG/L	
		SILICA, DISSOLVED	10-OCT-91	0.4	7.6	MG/L	
		SULFATE	10-OCT-91	2.0	470	MG/L	
		TOTAL DISSOLVED SOLIDS	10-OCT-91	10.0	4100	MG/L	
		TOTAL SUSPENDED SOLIDS	10-OCT-91	4.0	1300	MG/L	
		BICARBONATE AS CACO3	18-APR-91	1.0	260	MG/L	
		CARBONATE AS CACO3	18-APR-91	1.0	0	MG/L	
		CHLORIDE	18-APR-91	0.2	170	MG/L	
		FLUORIDE	18-APR-91	0.1	0.6	MG/L	
		NITRATE/NITRITE	18-APR-91	0.02	520	MG/L	
		ORTHOPHOSPHATE	18-APR-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	18-APR-91	0.4	5.8	MG/L	
		SULFATE	18-APR-91	2.0	270	MG/L	
		TOTAL DISSOLVED SOLIDS	18-APR-91	10.0	5000	MG/L	
		TOTAL SUSPENDED SOLIDS	18-APR-91	4.0	1200	MG/L	
2187	RADS	TRITIUM	06-AUG-91	400	249.5	PCI/L	J
		GROSS ALPHA - DISSOLVED	24-APR-91	2	24.25	PCI/L	
		GROSS BETA - DISSOLVED	24-APR-91	4	8.934	PCI/L	
		URANIUM-233,-234	24-APR-91	.6	27.3	PCI/L	
		URANIUM-235	24-APR-91	.6	.6291	PCI/L	
		URANIUM-238	24-APR-91	.6	19.71	PCI/L	
2187	VOA	1,1,1-TRICHLOROETHANE	06-AUG-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	06-AUG-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	06-AUG-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	06-AUG-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	06-AUG-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		1,2-DICHLOROETHANE	06-AUG-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	06-AUG-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	06-AUG-91	5	5	UG/L	U
		2-BUTANONE	06-AUG-91	10	10	UG/L	U
		2-HEXANONE	06-AUG-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	06-AUG-91	10	10	UG/L	U
		ACETONE	06-AUG-91	10	10	UG/L	U
		BENZENE	06-AUG-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	06-AUG-91	5	5	UG/L	U
		BROMOFORM	06-AUG-91	5	5	UG/L	U
		BROMOMETHANE	06-AUG-91	10	10	UG/L	U
		CARBON DISULFIDE	06-AUG-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	06-AUG-91	5	5	UG/L	U
		CHLOROBENZENE	06-AUG-91	5	5	UG/L	U
		CHLOROETHANE	06-AUG-91	10	10	UG/L	U
		CHLOROFORM	06-AUG-91	5	5	UG/L	U
		CHLOROMETHANE	06-AUG-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	06-AUG-91	5	5	UG/L	U
		ETHYLBENZENE	06-AUG-91	5	5	UG/L	U
		METHYLENE CHLORIDE	06-AUG-91	5	5	UG/L	U
		STYRENE	06-AUG-91	5	5	UG/L	U
		TETRACHLOROETHENE	06-AUG-91	5	5	UG/L	U
		TOLUENE	06-AUG-91	5	5	UG/L	U
		TOTAL XYLENES	06-AUG-91	5	5	UG/L	U
		TRICHLOROETHENE	06-AUG-91	5	5	UG/L	U
		VINYL ACETATE	06-AUG-91	10	10	UG/L	U
		VINYL CHLORIDE	06-AUG-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	06-AUG-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	06-AUG-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	11-JUN-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	11-JUN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	11-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	11-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	11-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	11-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	11-JUN-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	11-JUN-91	5	5	UG/L	U
		2-BUTANONE	11-JUN-91	10	10	UG/L	U
		2-HEXANONE	11-JUN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	11-JUN-91	10	10	UG/L	U
		ACETONE	11-JUN-91	10	10	UG/L	U
		BENZENE	11-JUN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	11-JUN-91	5	5	UG/L	U
		BROMOFORM	11-JUN-91	5	5	UG/L	U
		BROMOMETHANE	11-JUN-91	10	10	UG/L	U
		CARBON DISULFIDE	11-JUN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	11-JUN-91	5	5	UG/L	U
		CHLOROBENZENE	11-JUN-91	5	5	UG/L	U
		CHLOROETHANE	11-JUN-91	10	10	UG/L	U
		CHLOROFORM	11-JUN-91	5	5	UG/L	U
		CHLOROMETHANE	11-JUN-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	11-JUN-91	5	5	UG/L	U
		ETHYLBENZENE	11-JUN-91	5	5	UG/L	U
		METHYLENE CHLORIDE	11-JUN-91	5	1	UG/L	BJ
		STYRENE	11-JUN-91	5	5	UG/L	U
		TETRACHLOROETHENE	11-JUN-91	5	5	UG/L	U
		TOLUENE	11-JUN-91	5	5	UG/L	U
		TOTAL XYLENES	11-JUN-91	5	5	UG/L	U
		TRICHLOROETHENE	11-JUN-91	5	5	UG/L	U
		VINYL ACETATE	11-JUN-91	10	10	UG/L	U
		VINYL CHLORIDE	11-JUN-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	11-JUN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	11-JUN-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	17-OCT-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	17-OCT-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	17-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	17-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	17-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	17-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	17-OCT-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		1,2-DICHLOROPROPANE	17-OCT-91	5	5	UG/L	U
		2-BUTANONE	17-OCT-91	10	10	UG/L	U
		2-HEXANONE	17-OCT-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	17-OCT-91	10	10	UG/L	U
		ACETONE	17-OCT-91	10	10	UG/L	U
		BENZENE	17-OCT-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	17-OCT-91	5	5	UG/L	U
		BROMOFORM	17-OCT-91	5	5	UG/L	U
		BROMOMETHANE	17-OCT-91	10	10	UG/L	U
		CARBON DISULFIDE	17-OCT-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	17-OCT-91	5	5	UG/L	U
		CHLOROBENZENE	17-OCT-91	5	5	UG/L	U
		CHLOROETHANE	17-OCT-91	10	10	UG/L	U
		CHLOROFORM	17-OCT-91	5	5	UG/L	U
		CHLOROMETHANE	17-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	17-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	17-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	17-OCT-91	5	5	UG/L	U
		STYRENE	17-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	17-OCT-91	5	5	UG/L	U
		TOLUENE	17-OCT-91	5	5	UG/L	U
		TOTAL XYLENES	17-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	17-OCT-91	5	5	UG/L	U
		VINYL ACETATE	17-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	17-OCT-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	17-OCT-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	17-OCT-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	24-APR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	24-APR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	24-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	24-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	24-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	24-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	24-APR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	24-APR-91	5	5	UG/L	U
		2-BUTANONE	24-APR-91	10	10	UG/L	U
		2-HEXANONE	24-APR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	24-APR-91	10	10	UG/L	U
		ACETONE	24-APR-91	10	10	UG/L	U
		BENZENE	24-APR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	24-APR-91	5	5	UG/L	U
		BROMOFORM	24-APR-91	5	5	UG/L	U
		BROMOMETHANE	24-APR-91	10	10	UG/L	U
		CARBON DISULFIDE	24-APR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	24-APR-91	5	5	UG/L	U
		CHLOROBENZENE	24-APR-91	5	5	UG/L	U
		CHLOROETHANE	24-APR-91	10	10	UG/L	U
		CHLOROFORM	24-APR-91	5	5	UG/L	U
		CHLOROMETHANE	24-APR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	24-APR-91	5	5	UG/L	U
		ETHYLBENZENE	24-APR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	24-APR-91	5	5	UG/L	U
		STYRENE	24-APR-91	5	5	UG/L	U
		TETRACHLOROETHENE	24-APR-91	5	5	UG/L	U
		TOLUENE	24-APR-91	5	5	UG/L	U
		TOTAL XYLENES	24-APR-91	5	5	UG/L	U
		TRICHLOROETHENE	24-APR-91	5	5	UG/L	U
		VINYL ACETATE	24-APR-91	10	10	UG/L	U
		VINYL CHLORIDE	24-APR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	24-APR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	24-APR-91	5	5	UG/L	U
2187	WQHP	BICARBONATE AS CACO3	06-AUG-91	1.0	840	MG/L	
		CARBONATE AS CACO3	06-AUG-91	1.0	1	MG/L	U
		CHLORIDE	06-AUG-91	0.2	120	MG/L	
		FLUORIDE	06-AUG-91	0.1	1.2	MG/L	
		SILICA, DISSOLVED	06-AUG-91	0.4	8.9	MG/L	
		SULFATE	06-AUG-91	2.0	810	MG/L	
		TOTAL DISSOLVED SOLIDS	06-AUG-91	10.0	1900	MG/L	
		TOTAL SUSPENDED SOLIDS	06-AUG-91	4.0	26	MG/L	
		BICARBONATE AS CACO3	11-JUN-91	1.0	840	MG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		CARBONATE AS CACO3	11-JUN-91	1.0	1	MG/L	U
		CHLORIDE	11-JUN-91	0.2	130	MG/L	
		FLUORIDE	11-JUN-91	0.1	1.1	MG/L	
		NITRATE/NITRITE	11-JUN-91	0.02	0.6	MG/L	
		SILICA, DISSOLVED	11-JUN-91	0.4	8.2	MG/L	
		SULFATE	11-JUN-91	2.0	540	MG/L	
		TOTAL DISSOLVED SOLIDS	11-JUN-91	10.0	2000	MG/L	
		TOTAL SUSPENDED SOLIDS	11-JUN-91	4.0	40	MG/L	
		BICARBONATE AS CACO3	17-OCT-91	1.0	900	MG/L	
		CARBONATE AS CACO3	17-OCT-91	1.0	1	MG/L	U
		CHLORIDE	17-OCT-91	0.2	130	MG/L	
		FLUORIDE	17-OCT-91	0.1	1.1	MG/L	
		NITRATE/NITRITE	17-OCT-91	0.02	0.3	MG/L	
		SILICA, DISSOLVED	17-OCT-91	0.4	9.8	MG/L	
		SULFATE	17-OCT-91	2.0	1100	MG/L	
		TOTAL DISSOLVED SOLIDS	17-OCT-91	10.0	2000	MG/L	
		TOTAL SUSPENDED SOLIDS	17-OCT-91	4.0	18	MG/L	
		BICARBONATE AS CACO3	24-APR-91	1.0	850	MG/L	
		CARBONATE AS CACO3	24-APR-91	1.0	0	MG/L	
		CHLORIDE	24-APR-91	0.2	130	MG/L	
		FLUORIDE	24-APR-91	0.1	1.0	MG/L	
		NITRATE/NITRITE	24-APR-91	0.02	0.7	MG/L	
		SILICA, DISSOLVED	24-APR-91	0.4	7.7	MG/L	
		SULFATE	24-APR-91	2.0	650	MG/L	
		TOTAL DISSOLVED SOLIDS	24-APR-91	10.0	2000	MG/L	
		TOTAL SUSPENDED SOLIDS	24-APR-91	4.0	39	MG/L	
2286	METALS	ALUMINUM	03-OCT-91	200	18600.00	UG/L	N
		ALUMINUM	03-OCT-91	200	54.40	UG/L	B
		ANTIMONY	03-OCT-91	60	66.30	UG/L	
		ANTIMONY	03-OCT-91	60	34.10	UG/L	B
		ARSENIC	03-OCT-91	10	5.00	UG/L	B
		ARSENIC	03-OCT-91	10	2.00	UG/L	U
		BARIUM	03-OCT-91	200	459.00	UG/L	
		BARIUM	03-OCT-91	200	206.00	UG/L	E
		BERYLLIUM	03-OCT-91	5	2.10	UG/L	B
		BERYLLIUM	03-OCT-91	5	1.00	UG/L	U
		CADMIUM	03-OCT-91	5	2.10	UG/L	B
		CADMIUM	03-OCT-91	5	2.00	UG/L	U
		CALCIUM	03-OCT-91	5000	123000.00	UG/L	
		CALCIUM	03-OCT-91	5000	112000.00	UG/L	
		CESIUM	03-OCT-91	1000	51.00	UG/L	U
		CESIUM	03-OCT-91	1000	51.00	UG/L	U
		CHROMIUM	03-OCT-91	10	184.00	UG/L	
		CHROMIUM	03-OCT-91	10	12.30	UG/L	
		COBALT	03-OCT-91	50	16.10	UG/L	B
		COBALT	03-OCT-91	50	3.00	UG/L	U
		COPPER	03-OCT-91	25	34.10	UG/L	
		COPPER	03-OCT-91	25	4.60	UG/L	B
		CYANIDE	03-OCT-91	10	2.00	UG/L	U
		IRON	03-OCT-91	100	25800.00	UG/L	
		IRON	03-OCT-91	100	25.20	UG/L	B
		LEAD	03-OCT-91	3	43.30	UG/L	
		LEAD	03-OCT-91	3	1.00	UG/L	UW
		LITHIUM	03-OCT-91	100	736.00	UG/L	
		LITHIUM	03-OCT-91	100	750.00	UG/L	
		MAGNESIUM	03-OCT-91	5000	20700.00	UG/L	
		MAGNESIUM	03-OCT-91	5000	16400.00	UG/L	
		MANGANESE	03-OCT-91	15	601.00	UG/L	
		MANGANESE	03-OCT-91	15	12.20	UG/L	B
		MERCURY	03-OCT-91	0	0.20	UG/L	U
		MERCURY	03-OCT-91	0	0.20	UG/L	U
		MOLYBDENUM	03-OCT-91	200	10.20	UG/L	B
		MOLYBDENUM	03-OCT-91	200	6.80	UG/L	B
		NICKEL	03-OCT-91	40	124.00	UG/L	
		NICKEL	03-OCT-91	40	25.10	UG/L	B
		POTASSIUM	03-OCT-91	5000	6610.00	UG/L	E
		POTASSIUM	03-OCT-91	5000	4470.00	UG/L	B
		SELENIUM	03-OCT-91	5	2.00	UG/L	UW
		SELENIUM	03-OCT-91	5	2.00	UG/L	UW
		SILVER	03-OCT-91	10	2.00	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		SILVER	03-OCT-91	10	2.00	UG/L	U
		SODIUM	03-OCT-91	5000	70000.00	UG/L	
		SODIUM	03-OCT-91	5000	73500.00	UG/L	
		STRONTIUM	03-OCT-91	200	736.00	UG/L	
		STRONTIUM	03-OCT-91	200	646.00	UG/L	
		THALLIUM	03-OCT-91	10	1.00	UG/L	UW
		THALLIUM	03-OCT-91	10	1.00	UG/L	UW
		TIN	03-OCT-91	200	17.00	UG/L	U
		TIN	03-OCT-91	200	17.00	UG/L	U
		VANADIUM	03-OCT-91	50	41.70	UG/L	B
		VANADIUM	03-OCT-91	50	5.50	UG/L	B
		ZINC	03-OCT-91	20	132.00	UG/L	E
		ZINC	03-OCT-91	20	8.30	UG/L	B
		ALUMINUM	07-JAN-91	200	49.00	UG/L	B
		ANTIMONY	07-JAN-91	60	21.80	UG/L	B
		ARSENIC	07-JAN-91	10	2.00	UG/L	U
		BARIUM	07-JAN-91	200	149.00	UG/L	B
		BERYLLIUM	07-JAN-91	5	1.00	UG/L	U
		CADMIUM	07-JAN-91	5	2.00	UG/L	U
		CALCIUM	07-JAN-91	5000	100000.00	UG/L	
		CESIUM	07-JAN-91	1000	20.90	UG/L	B
		CHROMIUM	07-JAN-91	10	12.60	UG/L	
		COBALT	07-JAN-91	50	3.00	UG/L	U
		COPPER	07-JAN-91	25	8.30	UG/L	B
		CYANIDE	07-JAN-91	10	3.50	UG/L	UN
		IRON	07-JAN-91	100	16.00	UG/L	B
		LEAD	07-JAN-91	3	1.00	UG/L	UW
		LITHIUM	07-JAN-91	100	358.00	UG/L	
		MAGNESIUM	07-JAN-91	5000	15600.00	UG/L	
		MANGANESE	07-JAN-91	15	2.30	UG/L	B
		MERCURY	07-JAN-91	0	0.20	UG/L	U
		MOLYBDENUM	07-JAN-91	200	9.00	UG/L	B
		NICKEL	07-JAN-91	40	21.10	UG/L	B
		POTASSIUM	07-JAN-91	5000	4170.00	UG/L	B
		SELENIUM	07-JAN-91	5	2.00	UG/L	U
		SILVER	07-JAN-91	10	3.00	UG/L	U
		SODIUM	07-JAN-91	5000	62400.00	UG/L	
		STRONTIUM	07-JAN-91	200	621.00	UG/L	
		THALLIUM	07-JAN-91	10	2.00	UG/L	BWN
		TIN	07-JAN-91	200	26.60	UG/L	B
		VANADIUM	07-JAN-91	50	5.40	UG/L	B
		ZINC	07-JAN-91	20	17.20	UG/L	BE
		ALUMINUM	29-MAY-91	200	52.80	UG/L	B
		ANTIMONY	29-MAY-91	60	12.20	UG/L	B
		ARSENIC	29-MAY-91	10	2.00	UG/L	U
		BARIUM	29-MAY-91	200	214.00	UG/L	
		BERYLLIUM	29-MAY-91	5	1.00	UG/L	U
		CADMIUM	29-MAY-91	5	2.00	UG/L	U
		CALCIUM	29-MAY-91	5000	119000.00	UG/L	
		CESIUM	29-MAY-91	1000	112.00	UG/L	U
		CHROMIUM	29-MAY-91	10	5.80	UG/L	B
		COBALT	29-MAY-91	50	3.00	UG/L	U
		COPPER	29-MAY-91	25	11.00	UG/L	U
		CYANIDE	29-MAY-91	10	2.50	UG/L	U
		IRON	29-MAY-91	100	50.50	UG/L	B
		LEAD	29-MAY-91	3	1.00	UG/L	U
		LITHIUM	29-MAY-91	100	520.00	UG/L	
		MAGNESIUM	29-MAY-91	5000	16900.00	UG/L	
		MANGANESE	29-MAY-91	15	21.00	UG/L	
		MERCURY	29-MAY-91	0	0.20	UG/L	U
		MOLYBDENUM	29-MAY-91	200	4.40	UG/L	B
		NICKEL	29-MAY-91	40	48.70	UG/L	
		POTASSIUM	29-MAY-91	5000	4770.00	UG/L	B
		SELENIUM	29-MAY-91	5	2.00	UG/L	UW
		SILVER	29-MAY-91	10	2.00	UG/L	U
		SODIUM	29-MAY-91	5000	62300.00	UG/L	
		STRONTIUM	29-MAY-91	200	636.00	UG/L	
		THALLIUM	29-MAY-91	10	1.00	UG/L	UW
		TIN	29-MAY-91	200	18.20	UG/L	B
		VANADIUM	29-MAY-91	50	2.00	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		ZINC	29-MAY-91	20	3.00	UG/L	U
		ALUMINUM	30-JUL-91	200	47.60	UG/L	B
		ALUMINUM	30-JUL-91	200	17400.00	UG/L	
		ANTIMONY	30-JUL-91	60	19.70	UG/L	B
		ANTIMONY	30-JUL-91	60	33.20	UG/L	B
		ARSENIC	30-JUL-91	10	2.00	UG/L	U
		ARSENIC	30-JUL-91	10	2.00	UG/L	B
		BARIUM	30-JUL-91	200	198.00	UG/L	B
		BARIUM	30-JUL-91	200	453.00	UG/L	
		BERYLLIUM	30-JUL-91	5	1.00	UG/L	U
		BERYLLIUM	30-JUL-91	5	2.00	UG/L	B
		CADMIUM	30-JUL-91	5	1.00	UG/L	U
		CADMIUM	30-JUL-91	5	1.40	UG/L	B
		CALCIUM	30-JUL-91	5000	106000.00	UG/L	
		CALCIUM	30-JUL-91	5000	120000.00	UG/L	
		CESIUM	30-JUL-91	1000	32.00	UG/L	U
		CESIUM	30-JUL-91	1000	100.00	UG/L	B
		CHROMIUM	30-JUL-91	10	9.60	UG/L	B
		CHROMIUM	30-JUL-91	10	382.00	UG/L	
		COBALT	30-JUL-91	50	2.00	UG/L	U
		COBALT	30-JUL-91	50	21.50	UG/L	B
		COPPER	30-JUL-91	25	3.00	UG/L	U
		COPPER	30-JUL-91	25	30.30	UG/L	
		CYANIDE	30-JUL-91	10	2.00	UG/L	U
		IRON	30-JUL-91	100	16.70	UG/L	B
		IRON	30-JUL-91	100	26000.00	UG/L	
		LEAD	30-JUL-91	3	1.00	UG/L	U
		LEAD	30-JUL-91	3	27.70	UG/L	
		LITHIUM	30-JUL-91	100	518.00	UG/L	
		LITHIUM	30-JUL-91	100	556.00	UG/L	
		MAGNESIUM	30-JUL-91	5000	15200.00	UG/L	
		MAGNESIUM	30-JUL-91	5000	19700.00	UG/L	
		MANGANESE	30-JUL-91	15	3.10	UG/L	B
		MANGANESE	30-JUL-91	15	595.00	UG/L	
		MERCURY	30-JUL-91	0	0.20	UG/L	U
		MERCURY	30-JUL-91	0	0.20	UG/L	U
		MOLYBDENUM	30-JUL-91	200	7.40	UG/L	B
		MOLYBDENUM	30-JUL-91	200	11.70	UG/L	B
		NICKEL	30-JUL-91	40	28.10	UG/L	B
		NICKEL	30-JUL-91	40	155.00	UG/L	
		POTASSIUM	30-JUL-91	5000	5020.00	UG/L	
		POTASSIUM	30-JUL-91	5000	7060.00	UG/L	
		SELENIUM	30-JUL-91	5	2.00	UG/L	U
		SELENIUM	30-JUL-91	5	2.00	UG/L	U
		SILVER	30-JUL-91	10	2.00	UG/L	U
		SILVER	30-JUL-91	10	2.00	UG/L	U
		SODIUM	30-JUL-91	5000	64300.00	UG/L	
		SODIUM	30-JUL-91	5000	66100.00	UG/L	
		STRONTIUM	30-JUL-91	200	544.00	UG/L	
		STRONTIUM	30-JUL-91	200	636.00	UG/L	
		THALLIUM	30-JUL-91	10	2.00	UG/L	UW
		THALLIUM	30-JUL-91	10	2.00	UG/L	U
		TIN	30-JUL-91	200	37.70	UG/L	B
		TIN	30-JUL-91	200	43.00	UG/L	B
		VANADIUM	30-JUL-91	50	2.00	UG/L	U
		VANADIUM	30-JUL-91	50	38.70	UG/L	B
		ZINC	30-JUL-91	20	8.10	UG/L	B
		ZINC	30-JUL-91	20	109.00	UG/L	
2286	RADS	AMERICIUM-241	07-JAN-91	.01	.002053	PCI/L	J
		CESIUM-137	07-JAN-91	1	-.271	PCI/L	J
		GROSS ALPHA - DISSOLVED	07-JAN-91	2	4.551	PCI/L	
		GROSS BETA - DISSOLVED	07-JAN-91	4	7.485	PCI/L	
		PLUTONIUM-238	07-JAN-91	.01	.0002231	PCI/L	J
		PLUTONIUM-239/240	07-JAN-91	.01	.004237	PCI/L	J
		STRONTIUM-89,90	07-JAN-91	1	.4194	PCI/L	J
		TRITIUM	07-JAN-91	400	372.5	PCI/L	J
		URANIUM-233,-234	07-JAN-91	.6	6.344	PCI/L	
		URANIUM-235	07-JAN-91	.6	.3293	PCI/L	J
		URANIUM-238	07-JAN-91	.6	2.141	PCI/L	
		AMERICIUM-241	30-JUL-91	.01	.05573	PCI/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		CESIUM-137	30-JUL-91	1	.194	PCI/L	J
		GROSS ALPHA - DISSOLVED	30-JUL-91	2	5.042	PCI/L	
		GROSS BETA - DISSOLVED	30-JUL-91	4	8.701	PCI/L	
		PLUTONIUM-239/240	30-JUL-91	.01	.379	PCI/L	
		RADIUM-226	30-JUL-91	.5	.5517	PCI/L	
		STRONTIUM-89,90	30-JUL-91	1	1.978	PCI/L	
		TRITIUM	30-JUL-91	400	383	PCI/L	J
		URANIUM-233,-234	30-JUL-91	.6	4.084	PCI/L	
		URANIUM-235	30-JUL-91	.6	.178	PCI/L	J
		URANIUM-238	30-JUL-91	.6	2.04	PCI/L	
2286	VOA	1,1,1-TRICHLOROETHANE	03-OCT-91	5	30	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	03-OCT-91	5	30	UG/L	U
		1,1,2-TRICHLOROETHANE	03-OCT-91	5	30	UG/L	U
		1,1-DICHLOROETHANE	03-OCT-91	5	30	UG/L	U
		1,1-DICHLOROETHENE	03-OCT-91	5	30	UG/L	U
		1,2-DICHLOROETHANE	03-OCT-91	5	30	UG/L	U
		1,2-DICHLOROPROPANE	03-OCT-91	5	30	UG/L	U
		2-BUTANONE	03-OCT-91	10	60	UG/L	U
		2-HEXANONE	03-OCT-91	10	60	UG/L	U
		4-METHYL-2-PENTANONE	03-OCT-91	10	60	UG/L	U
		ACETONE	03-OCT-91	10	60	UG/L	U
		BENZENE	03-OCT-91	5	30	UG/L	U
		BROMODICHLOROMETHANE	03-OCT-91	5	30	UG/L	U
		BROMOFORM	03-OCT-91	5	30	UG/L	U
		BROMOMETHANE	03-OCT-91	10	60	UG/L	U
		CARBON DISULFIDE	03-OCT-91	5	30	UG/L	U
		CARBON TETRACHLORIDE	03-OCT-91	5	670	UG/L	
		CHLOROBENZENE	03-OCT-91	5	30	UG/L	U
		CHLOROETHANE	03-OCT-91	10	60	UG/L	U
		CHLOROFORM	03-OCT-91	5	130	UG/L	
		CHLOROMETHANE	03-OCT-91	10	60	UG/L	U
		DIBROMOCHLOROMETHANE	03-OCT-91	5	30	UG/L	U
		ETHYLBENZENE	03-OCT-91	5	30	UG/L	U
		METHYLENE CHLORIDE	03-OCT-91	5	30	UG/L	U
		STYRENE	03-OCT-91	5	30	UG/L	U
		TETRACHLOROETHENE	03-OCT-91	5	7	UG/L	J
		TOLUENE	03-OCT-91	5	30	UG/L	U
		TOTAL XYLENES	03-OCT-91	5	30	UG/L	U
		TRICHLOROETHENE	03-OCT-91	5	620	UG/L	
		VINYL ACETATE	03-OCT-91	10	60	UG/L	U
		VINYL CHLORIDE	03-OCT-91	10	60	UG/L	U
		cis-1,3-DICHLOROPROPENE	03-OCT-91	5	30	UG/L	U
		trans-1,2-DICHLOROETHENE	03-OCT-91	5	30	UG/L	
		trans-1,3-DICHLOROPROPENE	03-OCT-91	5	30	UG/L	U
		1,1,1-TRICHLOROETHANE	07-JAN-91	5	50	UG/L	U
		1,1,1-TRICHLOROETHANE	07-JAN-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	07-JAN-91	5	50	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	07-JAN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	07-JAN-91	5	50	UG/L	U
		1,1,2-TRICHLOROETHANE	07-JAN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	07-JAN-91	5	50	UG/L	U
		1,1-DICHLOROETHANE	07-JAN-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	07-JAN-91	5	50	UG/L	U
		1,1-DICHLOROETHENE	07-JAN-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	07-JAN-91	5	50	UG/L	U
		1,2-DICHLOROETHANE	07-JAN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	07-JAN-91	5	37	UG/L	DJ
		1,2-DICHLOROETHENE	07-JAN-91	5	50	UG/L	
		1,2-DICHLOROPROPANE	07-JAN-91	5	50	UG/L	U
		1,2-DICHLOROPROPANE	07-JAN-91	5	5	UG/L	U
		2-BUTANONE	07-JAN-91	10	110	UG/L	BD
		2-BUTANONE	07-JAN-91	10	10	UG/L	U
		2-HEXANONE	07-JAN-91	10	100	UG/L	U
		2-HEXANONE	07-JAN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	07-JAN-91	10	100	UG/L	U
		4-METHYL-2-PENTANONE	07-JAN-91	10	10	UG/L	U
		ACETONE	07-JAN-91	10	210	UG/L	BD
		ACETONE	07-JAN-91	10	5	UG/L	BJ
		BENZENE	07-JAN-91	5	50	UG/L	U
		BENZENE	07-JAN-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		BROMODICHLOROMETHANE	07-JAN-91	5	50	UG/L	U
		BROMODICHLOROMETHANE	07-JAN-91	5	5	UG/L	U
		BROMOFORM	07-JAN-91	5	50	UG/L	U
		BROMOFORM	07-JAN-91	5	5	UG/L	U
		BROMOMETHANE	07-JAN-91	10	100	UG/L	U
		BROMOMETHANE	07-JAN-91	10	10	UG/L	U
		CARBON DISULFIDE	07-JAN-91	5	50	UG/L	U
		CARBON DISULFIDE	07-JAN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	07-JAN-91	5	480	UG/L	D
		CARBON TETRACHLORIDE	07-JAN-91	5	770	UG/L	E
		CHLOROBENZENE	07-JAN-91	5	50	UG/L	U
		CHLOROBENZENE	07-JAN-91	5	5	UG/L	U
		CHLOROETHANE	07-JAN-91	10	100	UG/L	U
		CHLOROETHANE	07-JAN-91	10	10	UG/L	U
		CHLOROFORM	07-JAN-91	5	110	UG/L	D
		CHLOROFORM	07-JAN-91	5	120	UG/L	
		CHLOROMETHANE	07-JAN-91	10	100	UG/L	U
		CHLOROMETHANE	07-JAN-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	07-JAN-91	5	50	UG/L	U
		DIBROMOCHLOROMETHANE	07-JAN-91	5	5	UG/L	U
		ETHYLBENZENE	07-JAN-91	5	50	UG/L	U
		ETHYLBENZENE	07-JAN-91	5	5	UG/L	U
		METHYLENE CHLORIDE	07-JAN-91	5	50	UG/L	U
		METHYLENE CHLORIDE	07-JAN-91	5	7	UG/L	
		STYRENE	07-JAN-91	5	50	UG/L	U
		STYRENE	07-JAN-91	5	5	UG/L	U
		TETRACHLOROETHENE	07-JAN-91	5	50	UG/L	U
		TETRACHLOROETHENE	07-JAN-91	5	5	UG/L	
		TOLUENE	07-JAN-91	5	50	UG/L	U
		TOLUENE	07-JAN-91	5	5	UG/L	U
		TOTAL XYLENES	07-JAN-91	5	5	UG/L	U
		TOTAL XYLENES	07-JAN-91	5	50	UG/L	U
		TRICHLOROETHENE	07-JAN-91	5	510	UG/L	D
		TRICHLOROETHENE	07-JAN-91	5	680	UG/L	E
		VINYL ACETATE	07-JAN-91	10	100	UG/L	U
		VINYL ACETATE	07-JAN-91	10	10	UG/L	U
		VINYL CHLORIDE	07-JAN-91	10	100	UG/L	U
		VINYL CHLORIDE	07-JAN-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	07-JAN-91	5	50	UG/L	U
		cis-1,3-DICHLOROPROPENE	07-JAN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	07-JAN-91	5	50	UG/L	U
		trans-1,3-DICHLOROPROPENE	07-JAN-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	29-MAY-91	5	25	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	29-MAY-91	5	25	UG/L	U
		1,1,2-TRICHLOROETHANE	29-MAY-91	5	25	UG/L	U
		1,1-DICHLOROETHANE	29-MAY-91	5	25	UG/L	U
		1,1-DICHLOROETHENE	29-MAY-91	5	25	UG/L	U
		1,2-DICHLOROETHANE	29-MAY-91	5	25	UG/L	U
		1,2-DICHLOROETHENE	29-MAY-91	5	30	UG/L	
		1,2-DICHLOROPROPANE	29-MAY-91	5	25	UG/L	U
		2-BUTANONE	29-MAY-91	10	50	UG/L	U
		2-HEXANONE	29-MAY-91	10	50	UG/L	U
		4-METHYL-2-PENTANONE	29-MAY-91	10	50	UG/L	U
		ACETONE	29-MAY-91	10	50	UG/L	U
		BENZENE	29-MAY-91	5	25	UG/L	U
		BROMODICHLOROMETHANE	29-MAY-91	5	25	UG/L	U
		BROMOFORM	29-MAY-91	5	25	UG/L	U
		BROMOMETHANE	29-MAY-91	10	50	UG/L	U
		CARBON DISULFIDE	29-MAY-91	5	25	UG/L	U
		CARBON TETRACHLORIDE	29-MAY-91	5	800	UG/L	
		CHLOROBENZENE	29-MAY-91	5	25	UG/L	U
		CHLOROETHANE	29-MAY-91	10	50	UG/L	U
		CHLOROFORM	29-MAY-91	5	120	UG/L	
		CHLOROMETHANE	29-MAY-91	10	50	UG/L	U
		DIBROMOCHLOROMETHANE	29-MAY-91	5	25	UG/L	U
		ETHYLBENZENE	29-MAY-91	5	25	UG/L	U
		METHYLENE CHLORIDE	29-MAY-91	5	17	UG/L	BJ
		STYRENE	29-MAY-91	5	25	UG/L	U
		TETRACHLOROETHENE	29-MAY-91	5	6	UG/L	J
		TOLUENE	29-MAY-91	5	25	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		TOTAL XYLENES	29-MAY-91	5	25	UG/L	U
		TRICHLOROETHENE	29-MAY-91	5	630	UG/L	
		VINYL ACETATE	29-MAY-91	10	50	UG/L	U
		VINYL CHLORIDE	29-MAY-91	10	50	UG/L	U
		cis-1,3-DICHLOROPROPENE	29-MAY-91	5	25	UG/L	U
		trans-1,3-DICHLOROPROPENE	29-MAY-91	5	25	UG/L	U
		1,1,1-TRICHLOROETHANE	30-JUL-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	30-JUL-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	30-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	30-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	30-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	30-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	30-JUL-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	30-JUL-91	5	5	UG/L	U
		2-BUTANONE	30-JUL-91	10	10	UG/L	U
		2-HEXANONE	30-JUL-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	30-JUL-91	10	10	UG/L	U
		ACETONE	30-JUL-91	10	27	UG/L	
		BENZENE	30-JUL-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	30-JUL-91	5	5	UG/L	U
		BROMOFORM	30-JUL-91	5	5	UG/L	U
		BROMOMETHANE	30-JUL-91	10	10	UG/L	U
		CARBON DISULFIDE	30-JUL-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	30-JUL-91	5	5	UG/L	U
		CHLOROBENZENE	30-JUL-91	5	5	UG/L	U
		CHLOROETHANE	30-JUL-91	10	10	UG/L	U
		CHLOROFORM	30-JUL-91	5	5	UG/L	U
		CHLOROMETHANE	30-JUL-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	30-JUL-91	5	5	UG/L	U
		ETHYLBENZENE	30-JUL-91	5	5	UG/L	U
		METHYLENE CHLORIDE	30-JUL-91	5	1	UG/L	J
		STYRENE	30-JUL-91	5	5	UG/L	U
		TETRACHLOROETHENE	30-JUL-91	5	5	UG/L	U
		TOLUENE	30-JUL-91	5	5	UG/L	U
		TOTAL XYLENES	30-JUL-91	5	5	UG/L	U
		TRICHLOROETHENE	30-JUL-91	5	5	UG/L	U
		VINYL ACETATE	30-JUL-91	10	10	UG/L	U
		VINYL CHLORIDE	30-JUL-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	30-JUL-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	30-JUL-91	5	5	UG/L	U
2286	WQHP	BICARBONATE AS CACO3	03-OCT-91	1.0	350	MG/L	
		CARBONATE AS CACO3	03-OCT-91	1.0	1	MG/L	U
		CHLORIDE	03-OCT-91	0.2	48	MG/L	
		FLUORIDE	03-OCT-91	0.1	0.5	MG/L	
		NITRATE/NITRITE	03-OCT-91	0.02	7.7	MG/L	
		ORTHOPHOSPHATE	03-OCT-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	03-OCT-91	0.4	8	MG/L	
		SULFATE	03-OCT-91	2.0	58	MG/L	
		TOTAL DISSOLVED SOLIDS	03-OCT-91	10.0	570	MG/L	
		TOTAL SUSPENDED SOLIDS	03-OCT-91	4.0	520	MG/L	
		BICARBONATE AS CACO3	07-JAN-91	1.0	310	MG/L	
		CARBONATE AS CACO3	07-JAN-91	1.0	0	MG/L	
		CHLORIDE	07-JAN-91	0.2	43	MG/L	
		FLUORIDE	07-JAN-91	0.1	0.5	MG/L	
		NITRATE/NITRITE	07-JAN-91	0.02	6.1	MG/L	
		ORTHOPHOSPHATE	07-JAN-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	07-JAN-91	0.4	5.7	MG/L	
		SULFATE	07-JAN-91	2.0	47	MG/L	
		TOTAL DISSOLVED SOLIDS	07-JAN-91	10.0	490	MG/L	
		TOTAL SUSPENDED SOLIDS	07-JAN-91	4.0	710	MG/L	
		BICARBONATE AS CACO3	29-MAY-91	1.0	300	MG/L	
		CARBONATE AS CACO3	29-MAY-91	1.0	1	MG/L	U
		CHLORIDE	29-MAY-91	0.2	70	MG/L	
		FLUORIDE	29-MAY-91	0.1	0.5	MG/L	
		NITRATE/NITRITE	29-MAY-91	0.02	13	MG/L	
		ORTHOPHOSPHATE	29-MAY-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	29-MAY-91	0.4	6.0	MG/L	
		SULFATE	29-MAY-91	2.0	74	MG/L	
		TOTAL DISSOLVED SOLIDS	29-MAY-91	10.0	580	MG/L	
		TOTAL SUSPENDED SOLIDS	29-MAY-91	4.0	1000	MG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		BICARBONATE AS CACO3	30-JUL-91	1.0	340	MG/L	
		CARBONATE AS CACO3	30-JUL-91	1.0	1	MG/L	U
		CHLORIDE	30-JUL-91	0.2	57	MG/L	
		FLUORIDE	30-JUL-91	0.1	0.6	MG/L	
		NITRATE/NITRITE	30-JUL-91	0.02	8.7	MG/L	
		ORTHOPHOSPHATE	30-JUL-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	30-JUL-91	0.4	6.8	MG/L	
		SULFATE	30-JUL-91	2.0	67	MG/L	
		TOTAL DISSOLVED SOLIDS	30-JUL-91	10.0	570	MG/L	
		TOTAL SUSPENDED SOLIDS	30-JUL-91	4.0	1200	MG/L	
2486	VOA	1,1,1-TRICHLOROETHANE	12-JUN-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	12-JUN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	12-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	12-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	12-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	12-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	12-JUN-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	12-JUN-91	5	5	UG/L	U
		2-BUTANONE	12-JUN-91	10	10	UG/L	U
		2-HEXANONE	12-JUN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	12-JUN-91	10	10	UG/L	U
		ACETONE	12-JUN-91	10	10	UG/L	U
		BENZENE	12-JUN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	12-JUN-91	5	5	UG/L	U
		BROMOFORM	12-JUN-91	5	5	UG/L	U
		BROMOMETHANE	12-JUN-91	10	10	UG/L	U
		CARBON DISULFIDE	12-JUN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	12-JUN-91	5	5	UG/L	U
		CHLOROBENZENE	12-JUN-91	5	5	UG/L	U
		CHLOROETHANE	12-JUN-91	10	10	UG/L	U
		CHLOROFORM	12-JUN-91	5	5	UG/L	U
		CHLOROMETHANE	12-JUN-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	12-JUN-91	5	5	UG/L	U
		ETHYLBENZENE	12-JUN-91	5	5	UG/L	U
		METHYLENE CHLORIDE	12-JUN-91	5	5	UG/L	B
		STYRENE	12-JUN-91	5	5	UG/L	U
		TETRACHLOROETHENE	12-JUN-91	5	1	UG/L	J
		TOLUENE	12-JUN-91	5	5	UG/L	U
		TOTAL XYLENES	12-JUN-91	5	5	UG/L	U
		TRICHLOROETHENE	12-JUN-91	5	5	UG/L	U
		VINYL ACETATE	12-JUN-91	10	10	UG/L	U
		VINYL CHLORIDE	12-JUN-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	12-JUN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	12-JUN-91	5	5	UG/L	U
2486	WQHP	NITRATE/NITRITE	12-JUN-91	0.02	16	MG/L	
		ORTHOPHOSPHATE	12-JUN-91	0.01	0.06	MG/L	
2686	METALS	ALUMINUM	07-JAN-91	200	116.00	UG/L	B
		ANTIMONY	07-JAN-91	60	54.80	UG/L	B
		ARSENIC	07-JAN-91	10	2.00	UG/L	U
		BARIUM	07-JAN-91	200	43.30	UG/L	B
		BERYLLIUM	07-JAN-91	5	1.00	UG/L	U
		CADMIUM	07-JAN-91	5	5.30	UG/L	
		CALCIUM	07-JAN-91	5000	83900.00	UG/L	
		CESIUM	07-JAN-91	1000	22.60	UG/L	B
		CHROMIUM	07-JAN-91	10	21.50	UG/L	
		COBALT	07-JAN-91	50	11.20	UG/L	B
		COPPER	07-JAN-91	25	13.30	UG/L	B
		CYANIDE	07-JAN-91	10	3.50	UG/L	UN
		IRON	07-JAN-91	100	45.40	UG/L	B
		LEAD	07-JAN-91	3	1.00	UG/L	U
		LITHIUM	07-JAN-91	100	73.00	UG/L	B
		MAGNESIUM	07-JAN-91	5000	99200.00	UG/L	
		MANGANESE	07-JAN-91	15	6.50	UG/L	B
		MERCURY	07-JAN-91	0	0.20	UG/L	U
		MOLYBDENUM	07-JAN-91	200	32.80	UG/L	B
		NICKEL	07-JAN-91	40	20.00	UG/L	B
		POTASSIUM	07-JAN-91	5000	302.00	UG/L	B
		SELENIUM	07-JAN-91	5	14.00	UG/L	
		SILVER	07-JAN-91	10	5.80	UG/L	B
		SODIUM	07-JAN-91	5000	225000.00	UG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		STRONTIUM	07-JAN-91	200	2170.00	UG/L	
		THALLIUM	07-JAN-91	10	1.00	UG/L	BWN
		TIN	07-JAN-91	200	93.20	UG/L	B
		VANADIUM	07-JAN-91	50	20.60	UG/L	B
		ZINC	07-JAN-91	20	54.00	UG/L	E
		ALUMINUM	10-JUN-91	200	56.50	UG/L	B
		ANTIMONY	10-JUN-91	60	68.50	UG/L	
		ARSENIC	10-JUN-91	10	2.00	UG/L	U
		BARIUM	10-JUN-91	200	42.90	UG/L	B
		BERYLLIUM	10-JUN-91	5	1.00	UG/L	U
		CADMIUM	10-JUN-91	5	2.00	UG/L	U
		CALCIUM	10-JUN-91	5000	89300.00	UG/L	
		CESIUM	10-JUN-91	1000	112.00	UG/L	U
		CHROMIUM	10-JUN-91	10	4.00	UG/L	B
		COBALT	10-JUN-91	50	3.00	UG/L	U
		COPPER	10-JUN-91	25	11.00	UG/L	U
		CYANIDE	10-JUN-91	10	2.50	UG/L	B
		IRON	10-JUN-91	100	32.00	UG/L	B
		LEAD	10-JUN-91	3	1.00	UG/L	UW
		LITHIUM	10-JUN-91	100	76.20	UG/L	B
		MAGNESIUM	10-JUN-91	5000	111000.00	UG/L	
		MANGANESE	10-JUN-91	15	1.00	UG/L	U
		MERCURY	10-JUN-91	0	0.20	UG/L	U
		MOLYBDENUM	10-JUN-91	200	10.80	UG/L	B
		NICKEL	10-JUN-91	40	3.00	UG/L	U
		POTASSIUM	10-JUN-91	5000	134.00	UG/L	B
		SELENIUM	10-JUN-91	5	16.80	UG/L	S
		SILVER	10-JUN-91	10	2.00	UG/L	U
		SODIUM	10-JUN-91	5000	210000.00	UG/L	
		STRONTIUM	10-JUN-91	200	2450.00	UG/L	
		THALLIUM	10-JUN-91	10	1.00	UG/L	B
		TIN	10-JUN-91	200	46.30	UG/L	B
		VANADIUM	10-JUN-91	50	4.30	UG/L	B
		ZINC	10-JUN-91	20	10.80	UG/L	B
		ALUMINUM	15-OCT-91	200	142.00	UG/L	BN*
		ALUMINUM	15-OCT-91	200	142.00	UG/L	BN*
		ANTIMONY	15-OCT-91	60	53.80	UG/L	B
		ANTIMONY	15-OCT-91	60	53.80	UG/L	B
		ARSENIC	15-OCT-91	10	2.00	UG/L	U
		ARSENIC	15-OCT-91	10	2.00	UG/L	U
		BARIUM	15-OCT-91	200	44.20	UG/L	B
		BARIUM	15-OCT-91	200	44.20	UG/L	B
		BERYLLIUM	15-OCT-91	5	1.00	UG/L	U
		BERYLLIUM	15-OCT-91	5	1.00	UG/L	U
		CADMIUM	15-OCT-91	5	5.80	UG/L	
		CADMIUM	15-OCT-91	5	5.80	UG/L	
		CALCIUM	15-OCT-91	5000	82500.00	UG/L	
		CALCIUM	15-OCT-91	5000	82500.00	UG/L	
		CESIUM	15-OCT-91	1000	51.00	UG/L	U
		CESIUM	15-OCT-91	1000	51.00	UG/L	U
		CHROMIUM	15-OCT-91	10	22.30	UG/L	
		CHROMIUM	15-OCT-91	10	22.30	UG/L	
		COBALT	15-OCT-91	50	3.00	UG/L	U
		COBALT	15-OCT-91	50	3.00	UG/L	U
		COPPER	15-OCT-91	25	18.50	UG/L	B
		COPPER	15-OCT-91	25	18.50	UG/L	B
		IRON	15-OCT-91	100	159.00	UG/L	*
		IRON	15-OCT-91	100	159.00	UG/L	*
		LEAD	15-OCT-91	3	1.00	UG/L	UW
		LEAD	15-OCT-91	3	1.00	UG/L	UW
		LITHIUM	15-OCT-91	100	76.50	UG/L	B
		LITHIUM	15-OCT-91	100	76.50	UG/L	B
		MAGNESIUM	15-OCT-91	5000	98100.00	UG/L	
		MAGNESIUM	15-OCT-91	5000	98100.00	UG/L	
		MANGANESE	15-OCT-91	15	9.10	UG/L	B
		MANGANESE	15-OCT-91	15	9.10	UG/L	B
		MERCURY	15-OCT-91	0	0.20	UG/L	U
		MERCURY	15-OCT-91	0	0.20	UG/L	U
		MOLYBDENUM	15-OCT-91	200	15.90	UG/L	B
		MOLYBDENUM	15-OCT-91	200	15.90	UG/L	B

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		NICKEL	15-OCT-91	40	17.00	UG/L	U
		NICKEL	15-OCT-91	40	17.00	UG/L	U
		POTASSIUM	15-OCT-91	5000	501.00	UG/L	B
		POTASSIUM	15-OCT-91	5000	501.00	UG/L	B
		SELENIUM	15-OCT-91	5	16.00	UG/L	
		SELENIUM	15-OCT-91	5	16.00	UG/L	
		SILVER	15-OCT-91	10	2.50	UG/L	B
		SILVER	15-OCT-91	10	2.50	UG/L	B
		SODIUM	15-OCT-91	5000	206000.00	UG/L	
		SODIUM	15-OCT-91	5000	206000.00	UG/L	
		STRONTIUM	15-OCT-91	200	2170.00	UG/L	
		STRONTIUM	15-OCT-91	200	2170.00	UG/L	
		THALLIUM	15-OCT-91	10	1.00	UG/L	U
		THALLIUM	15-OCT-91	10	1.00	UG/L	U
		TIN	15-OCT-91	200	17.00	UG/L	U
		TIN	15-OCT-91	200	17.00	UG/L	U
		VANADIUM	15-OCT-91	50	9.70	UG/L	B
		VANADIUM	15-OCT-91	50	9.70	UG/L	B
		ZINC	15-OCT-91	20	48.80	UG/L	E
		ZINC	15-OCT-91	20	48.80	UG/L	E
2686	RADS	GROSS ALPHA - DISSOLVED	07-JAN-91	2	49.05	PCI/L	
		GROSS BETA - DISSOLVED	07-JAN-91	4	1.552	PCI/L	J
		TRITIUM	07-JAN-91	400	621.1	PCI/L	
		URANIUM-233,-234	07-JAN-91	.6	30.21	PCI/L	
		URANIUM-235	07-JAN-91	.6	5.042	PCI/L	
		URANIUM-238	07-JAN-91	.6	20.97	PCI/L	
		AMERICIUM-241	23-JUL-91	.01	.001842	PCI/L	J
		AMERICIUM-241	23-JUL-91	.01	.005469	PCI/L	J
		CESIUM-137	23-JUL-91	1	.3936	PCI/L	J
		GROSS ALPHA - DISSOLVED	23-JUL-91	2	23.61	PCI/L	
		GROSS BETA - DISSOLVED	23-JUL-91	4	9.008	PCI/L	
		PLUTONIUM-239/240	23-JUL-91	.01	.0007957	PCI/L	J
		PLUTONIUM-239/240	23-JUL-91	.01	.004781	PCI/L	J
		RADIUM-226	23-JUL-91	.5	.2353	PCI/L	J
		STRONTIUM-89,90	23-JUL-91	1	1.503	PCI/L	
		TRITIUM	23-JUL-91	400	500.9	PCI/L	
		URANIUM-233,-234	23-JUL-91	.6	26.19	PCI/L	
		URANIUM-235	23-JUL-91	.6	1.232	PCI/L	
		URANIUM-238	23-JUL-91	.6	21.32	PCI/L	
2686	VOA	1,1,1-TRICHLOROETHANE	07-JAN-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	07-JAN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	07-JAN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	07-JAN-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	07-JAN-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	07-JAN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	07-JAN-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	07-JAN-91	5	5	UG/L	U
		2-BUTANONE	07-JAN-91	10	10	UG/L	U
		2-HEXANONE	07-JAN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	07-JAN-91	10	10	UG/L	U
		ACETONE	07-JAN-91	10	5	UG/L	BJ
		BENZENE	07-JAN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	07-JAN-91	5	5	UG/L	U
		BROMOFORM	07-JAN-91	5	5	UG/L	U
		BROMOMETHANE	07-JAN-91	10	10	UG/L	U
		CARBON DISULFIDE	07-JAN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	07-JAN-91	5	5	UG/L	U
		CHLOROBENZENE	07-JAN-91	5	5	UG/L	U
		CHLOROETHANE	07-JAN-91	10	10	UG/L	U
		CHLOROFORM	07-JAN-91	5	5	UG/L	U
		CHLOROMETHANE	07-JAN-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	07-JAN-91	5	5	UG/L	U
		ETHYLBENZENE	07-JAN-91	5	5	UG/L	U
		METHYLENE CHLORIDE	07-JAN-91	5	5	UG/L	U
		STYRENE	07-JAN-91	5	5	UG/L	U
		TETRACHLOROETHENE	07-JAN-91	5	5	UG/L	U
		TOLUENE	07-JAN-91	5	5	UG/L	U
		TOTAL XYLENES	07-JAN-91	5	5	UG/L	U
		TRICHLOROETHENE	07-JAN-91	5	4	UG/L	J
		VINYL ACETATE	07-JAN-91	10	10	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		VINYL CHLORIDE	07-JAN-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	07-JAN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	07-JAN-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	10-JUN-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	10-JUN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	10-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	10-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	10-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	10-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	10-JUN-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	10-JUN-91	5	5	UG/L	U
		2-BUTANONE	10-JUN-91	10	10	UG/L	U
		2-HEXANONE	10-JUN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	10-JUN-91	10	10	UG/L	U
		ACETONE	10-JUN-91	10	10	UG/L	U
		BENZENE	10-JUN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	10-JUN-91	5	5	UG/L	U
		BROMOFORM	10-JUN-91	5	5	UG/L	U
		BROMOMETHANE	10-JUN-91	10	10	UG/L	U
		CARBON DISULFIDE	10-JUN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	10-JUN-91	5	5	UG/L	U
		CHLOROBENZENE	10-JUN-91	5	5	UG/L	U
		CHLOROETHANE	10-JUN-91	10	10	UG/L	U
		CHLOROFORM	10-JUN-91	5	5	UG/L	U
		CHLOROMETHANE	10-JUN-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	10-JUN-91	5	5	UG/L	U
		ETHYLBENZENE	10-JUN-91	5	5	UG/L	U
		METHYLENE CHLORIDE	10-JUN-91	5	1	UG/L	BJ
		STYRENE	10-JUN-91	5	5	UG/L	U
		TETRACHLOROETHENE	10-JUN-91	5	5	UG/L	U
		TOLUENE	10-JUN-91	5	5	UG/L	U
		TOTAL XYLENES	10-JUN-91	5	5	UG/L	U
		TRICHLOROETHENE	10-JUN-91	5	2	UG/L	J
		VINYL ACETATE	10-JUN-91	10	10	UG/L	U
		VINYL CHLORIDE	10-JUN-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	10-JUN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	10-JUN-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	15-OCT-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	15-OCT-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	15-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	15-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	15-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	15-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	15-OCT-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	15-OCT-91	5	5	UG/L	U
		2-BUTANONE	15-OCT-91	10	10	UG/L	U
		2-HEXANONE	15-OCT-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	15-OCT-91	10	10	UG/L	U
		ACETONE	15-OCT-91	10	10	UG/L	U
		BENZENE	15-OCT-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	15-OCT-91	5	5	UG/L	U
		BROMOFORM	15-OCT-91	5	5	UG/L	U
		BROMOMETHANE	15-OCT-91	10	10	UG/L	U
		CARBON DISULFIDE	15-OCT-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	15-OCT-91	5	5	UG/L	U
		CHLOROBENZENE	15-OCT-91	5	5	UG/L	U
		CHLOROETHANE	15-OCT-91	10	10	UG/L	U
		CHLOROFORM	15-OCT-91	5	5	UG/L	U
		CHLOROMETHANE	15-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	15-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	15-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	15-OCT-91	5	5	UG/L	U
		STYRENE	15-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	15-OCT-91	5	5	UG/L	U
		TOLUENE	15-OCT-91	5	5	UG/L	U
		TOTAL XYLENES	15-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	15-OCT-91	5	5	UG/L	U
		VINYL ACETATE	15-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	15-OCT-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	15-OCT-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		trans-1,3-DICHLOROPROPENE	15-OCT-91	5	5	UG/L	U
2686	WQHP	BICARBONATE AS CACO3	07-JAN-91	1.0	660	MG/L	
		CARBONATE AS CACO3	07-JAN-91	1.0	0	MG/L	
		CHLORIDE	07-JAN-91	0.2	40	MG/L	
		FLUORIDE	07-JAN-91	0.1	4.4	MG/L	
		NITRATE/NITRITE	07-JAN-91	0.02	39	MG/L	
		ORTHOPHOSPHATE	07-JAN-91	0.01	0.02	MG/L	
		SILICA, DISSOLVED	07-JAN-91	0.4	8.6	MG/L	
		SULFATE	07-JAN-91	2.0	270	MG/L	
		TOTAL DISSOLVED SOLIDS	07-JAN-91	10.0	1300	MG/L	
		TOTAL SUSPENDED SOLIDS	07-JAN-91	4.0	4	MG/L	U
		BICARBONATE AS CACO3	10-JUN-91	1.0	730	MG/L	
		CARBONATE AS CACO3	10-JUN-91	1.0	1	MG/L	U
		CHLORIDE	10-JUN-91	0.2	31	MG/L	
		FLUORIDE	10-JUN-91	0.1	4.6	MG/L	
		NITRATE/NITRITE	10-JUN-91	0.02	37	MG/L	
		ORTHOPHOSPHATE	10-JUN-91	0.01	0.02	MG/L	
		SILICA, DISSOLVED	10-JUN-91	0.4	8.1	MG/L	
		SULFATE	10-JUN-91	2.0	110	MG/L	
		TOTAL DISSOLVED SOLIDS	10-JUN-91	10.0	1300	MG/L	
		TOTAL SUSPENDED SOLIDS	10-JUN-91	4.0	4	MG/L	
		BICARBONATE AS CACO3	15-OCT-91	1.0	650	MG/L	
		CARBONATE AS CACO3	15-OCT-91	1.0	1	MG/L	U
		CHLORIDE	15-OCT-91	0.2	36	MG/L	
		FLUORIDE	15-OCT-91	0.1	5.6	MG/L	
		NITRATE/NITRITE	15-OCT-91	0.02	37	MG/L	
		ORTHOPHOSPHATE	15-OCT-91	0.01	0.03	MG/L	
		SILICA, DISSOLVED	15-OCT-91	0.4	9.8	MG/L	
		SULFATE	15-OCT-91	2.0	310	MG/L	
		TOTAL DISSOLVED SOLIDS	15-OCT-91	10.0	1300	MG/L	
		TOTAL SUSPENDED SOLIDS	15-OCT-91	4.0	4	MG/L	
2886	METALS	ALUMINUM	10-JUN-91	200	19.20	UG/L	B
		ANTIMONY	10-JUN-91	60	6.00	UG/L	U
		ARSENIC	10-JUN-91	10	2.00	UG/L	U
		BARIUM	10-JUN-91	200	61.40	UG/L	B
		BERYLLIUM	10-JUN-91	5	1.00	UG/L	U
		CADMIUM	10-JUN-91	5	2.00	UG/L	U
		CALCIUM	10-JUN-91	5000	55800.00	UG/L	
		CESIUM	10-JUN-91	1000	112.00	UG/L	U
		CHROMIUM	10-JUN-91	10	3.00	UG/L	U
		COBALT	10-JUN-91	50	3.00	UG/L	U
		COPPER	10-JUN-91	25	11.00	UG/L	U
		CYANIDE	10-JUN-91	10	12.00	UG/L	
		IRON	10-JUN-91	100	37.40	UG/L	B
		LEAD	10-JUN-91	3	1.00	UG/L	UW
		LITHIUM	10-JUN-91	100	168.00	UG/L	
		MAGNESIUM	10-JUN-91	5000	17800.00	UG/L	
		MANGANESE	10-JUN-91	15	119.00	UG/L	
		MERCURY	10-JUN-91	0	0.20	UG/L	U
		MOLYBDENUM	10-JUN-91	200	54.00	UG/L	B
		NICKEL	10-JUN-91	40	4.90	UG/L	B
		POTASSIUM	10-JUN-91	5000	101000.00	UG/L	
		SELENIUM	10-JUN-91	5	3.00	UG/L	BW
		SILVER	10-JUN-91	10	2.00	UG/L	U
		SODIUM	10-JUN-91	5000	276000.00	UG/L	
		STRONTIUM	10-JUN-91	200	479.00	UG/L	
		THALLIUM	10-JUN-91	10	1.00	UG/L	U
		TIN	10-JUN-91	200	10.00	UG/L	U
		VANADIUM	10-JUN-91	50	2.00	UG/L	U
		ZINC	10-JUN-91	20	17.00	UG/L	B
		ALUMINUM	23-APR-91	200	39.40	UG/L	B
		ANTIMONY	23-APR-91	60	16.80	UG/L	B
		ARSENIC	23-APR-91	10	2.00	UG/L	U
		BARIUM	23-APR-91	200	70.30	UG/L	B
		BERYLLIUM	23-APR-91	5	1.00	UG/L	U
		CADMIUM	23-APR-91	5	2.00	UG/L	U
		CALCIUM	23-APR-91	5000	89300.00	UG/L	
		CESIUM	23-APR-91	1000	112.00	UG/L	U
		CHROMIUM	23-APR-91	10	6.10	UG/L	B
		COBALT	23-APR-91	50	3.00	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		COPPER	23-APR-91	25	11.00	UG/L	U
		CYANIDE	23-APR-91	10	9.50	UG/L	
		IRON	23-APR-91	100	16.90	UG/L	B
		LEAD	23-APR-91	3	1.00	UG/L	UW
		LITHIUM	23-APR-91	100	250.00	UG/L	
		MAGNESIUM	23-APR-91	5000	28700.00	UG/L	
		MANGANESE	23-APR-91	15	266.00	UG/L	
		MERCURY	23-APR-91	0	0.20	UG/L	U
		MOLYBDENUM	23-APR-91	200	61.60	UG/L	B
		NICKEL	23-APR-91	40	17.30	UG/L	B
		POTASSIUM	23-APR-91	5000	139000.00	UG/L	
		SELENIUM	23-APR-91	5	3.00	UG/L	BWN
		SILVER	23-APR-91	10	2.00	UG/L	U
		SODIUM	23-APR-91	5000	388000.00	UG/L	
		STRONTIUM	23-APR-91	200	753.00	UG/L	
		THALLIUM	23-APR-91	10	1.00	UG/L	BWN
		TIN	23-APR-91	200	12.70	UG/L	B
		VANADIUM	23-APR-91	50	2.00	UG/L	U
		ZINC	23-APR-91	20	24.30	UG/L	
2886	RADS	AMERICIUM-241	23-APR-91	.01	.03237	PCI/L	
		GROSS ALPHA - DISSOLVED	23-APR-91	2	253.2	PCI/L	
		GROSS BETA - DISSOLVED	23-APR-91	4	182.5	PCI/L	
		PLUTONIUM-239/240	23-APR-91	.01	.005047	PCI/L	J
		RADIUM-226	23-APR-91	.5	.447	PCI/L	J
		TRITIUM	23-APR-91	400	783	PCI/L	
		URANIUM-233,-234	23-APR-91	.6	146.6	PCI/L	
		URANIUM-235	23-APR-91	.6	4.809	PCI/L	
		URANIUM-238	23-APR-91	.6	96.24	PCI/L	
		AMERICIUM-241	23-JUL-91	.01	.1276	PCI/L	
		CESIUM-137	23-JUL-91	1	.2897	PCI/L	J
		GROSS ALPHA - DISSOLVED	23-JUL-91	2	109.1	PCI/L	
		GROSS BETA - DISSOLVED	23-JUL-91	4	106	PCI/L	
		PLUTONIUM-239/240	23-JUL-91	.01	.002614	PCI/L	J
		RADIUM-226	23-JUL-91	.5	.5809	PCI/L	
		STRONTIUM-89,90	23-JUL-91	1	.7727	PCI/L	J
		TRITIUM	23-JUL-91	400	543.5	PCI/L	
		URANIUM-233,-234	23-JUL-91	.6	105.2	PCI/L	
		URANIUM-235	23-JUL-91	.6	3.293	PCI/L	
		URANIUM-238	23-JUL-91	.6	74.7	PCI/L	
2886	VOA	1,1,1-TRICHLOROETHANE	10-JUN-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	10-JUN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	10-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	10-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	10-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	10-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	10-JUN-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	10-JUN-91	5	5	UG/L	U
		2-BUTANONE	10-JUN-91	10	10	UG/L	U
		2-HEXANONE	10-JUN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	10-JUN-91	10	10	UG/L	U
		ACETONE	10-JUN-91	10	10	UG/L	U
		BENZENE	10-JUN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	10-JUN-91	5	5	UG/L	U
		BROMOFORM	10-JUN-91	5	5	UG/L	U
		BROMOMETHANE	10-JUN-91	10	10	UG/L	U
		CARBON DISULFIDE	10-JUN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	10-JUN-91	5	5	UG/L	U
		CHLOROBENZENE	10-JUN-91	5	5	UG/L	U
		CHLOROETHANE	10-JUN-91	10	10	UG/L	U
		CHLOROFORM	10-JUN-91	5	5	UG/L	U
		CHLOROMETHANE	10-JUN-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	10-JUN-91	5	5	UG/L	U
		ETHYLBENZENE	10-JUN-91	5	5	UG/L	U
		METHYLENE CHLORIDE	10-JUN-91	5	1	UG/L	BJ
		STYRENE	10-JUN-91	5	5	UG/L	U
		TETRACHLOROETHENE	10-JUN-91	5	5	UG/L	U
		TOLUENE	10-JUN-91	5	5	UG/L	U
		TOTAL XYLENES	10-JUN-91	5	5	UG/L	U
		TRICHLOROETHENE	10-JUN-91	5	5	UG/L	U
		VINYL ACETATE	10-JUN-91	10	10	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		VINYL CHLORIDE	10-JUN-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	10-JUN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	10-JUN-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	10-OCT-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	10-OCT-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	10-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	10-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	10-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	10-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	10-OCT-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	10-OCT-91	5	5	UG/L	U
		2-BUTANONE	10-OCT-91	10	10	UG/L	U
		2-HEXANONE	10-OCT-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	10-OCT-91	10	10	UG/L	U
		ACETONE	10-OCT-91	10	10	UG/L	U
		BENZENE	10-OCT-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	10-OCT-91	5	5	UG/L	U
		BROMOFORM	10-OCT-91	5	5	UG/L	U
		BROMOMETHANE	10-OCT-91	10	10	UG/L	U
		CARBON DISULFIDE	10-OCT-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	10-OCT-91	5	5	UG/L	U
		CHLOROBENZENE	10-OCT-91	5	5	UG/L	U
		CHLOROETHANE	10-OCT-91	10	10	UG/L	U
		CHLOROFORM	10-OCT-91	5	5	UG/L	U
		CHLOROMETHANE	10-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	10-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	10-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	10-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	10-OCT-91	5	5	UG/L	U
		STYRENE	10-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	10-OCT-91	5	5	UG/L	U
		TOLUENE	10-OCT-91	5	5	UG/L	U
		TOTAL XYLENES	10-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	10-OCT-91	5	5	UG/L	U
		VINYL ACETATE	10-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	10-OCT-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	10-OCT-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	10-OCT-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	23-APR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	23-APR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	23-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	23-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	23-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	23-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	23-APR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	23-APR-91	5	5	UG/L	U
		2-BUTANONE	23-APR-91	10	10	UG/L	U
		2-HEXANONE	23-APR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	23-APR-91	10	10	UG/L	U
		ACETONE	23-APR-91	10	10	UG/L	U
		BENZENE	23-APR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	23-APR-91	5	5	UG/L	U
		BROMOFORM	23-APR-91	5	5	UG/L	U
		BROMOMETHANE	23-APR-91	10	10	UG/L	U
		CARBON DISULFIDE	23-APR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	23-APR-91	5	5	UG/L	U
		CHLOROBENZENE	23-APR-91	5	5	UG/L	U
		CHLOROETHANE	23-APR-91	10	10	UG/L	U
		CHLOROFORM	23-APR-91	5	5	UG/L	U
		CHLOROMETHANE	23-APR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	23-APR-91	5	5	UG/L	U
		ETHYLBENZENE	23-APR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	23-APR-91	5	5	UG/L	U
		STYRENE	23-APR-91	5	5	UG/L	U
		TETRACHLOROETHENE	23-APR-91	5	5	UG/L	U
		TOLUENE	23-APR-91	5	5	UG/L	U
		TOTAL XYLENES	23-APR-91	5	5	UG/L	U
		TRICHLOROETHENE	23-APR-91	5	5	UG/L	U
		VINYL ACETATE	23-APR-91	10	10	UG/L	U
		VINYL CHLORIDE	23-APR-91	10	10	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		cis-1,3-DICHLOROPROPENE	23-APR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	23-APR-91	5	5	UG/L	U
2886	WQHP	BICARBONATE AS CACO3	10-JUN-91	1.0	340	MG/L	
		CARBONATE AS CACO3	10-JUN-91	1.0	1	MG/L	U
		CHLORIDE	10-JUN-91	0.2	19	MG/L	
		FLUORIDE	10-JUN-91	0.1	1.6	MG/L	
		NITRATE/NITRITE	10-JUN-91	0.02	62	MG/L	
		ORTHOPHOSPHATE	10-JUN-91	0.01	0.02	MG/L	
		SILICA, DISSOLVED	10-JUN-91	0.4	4.8	MG/L	
		SULFATE	10-JUN-91	2.0	76	MG/L	
		TOTAL DISSOLVED SOLIDS	10-JUN-91	10.0	1300	MG/L	
		TOTAL SUSPENDED SOLIDS	10-JUN-91	4.0	6	MG/L	
		BICARBONATE AS CACO3	10-OCT-91	1.0	420	MG/L	
		CARBONATE AS CACO3	10-OCT-91	1.0	1	MG/L	U
		CHLORIDE	10-OCT-91	0.2	53	MG/L	
		FLUORIDE	10-OCT-91	0.1	1.3	MG/L	
		NITRATE/NITRITE	10-OCT-91	0.02	240	MG/L	
		ORTHOPHOSPHATE	10-OCT-91	0.01	0.01	MG/L	
		SILICA, DISSOLVED	10-OCT-91	0.4	6.8	MG/L	
		SULFATE	10-OCT-91	2.0	120	MG/L	
		TOTAL DISSOLVED SOLIDS	10-OCT-91	10.0	2400	MG/L	
		TOTAL SUSPENDED SOLIDS	10-OCT-91	4.0	12	MG/L	
		BICARBONATE AS CACO3	23-APR-91	1.0	400	MG/L	
		CARBONATE AS CACO3	23-APR-91	1.0	0	MG/L	
		CHLORIDE	23-APR-91	0.2	42	MG/L	
		FLUORIDE	23-APR-91	0.1	1.3	MG/L	
		NITRATE/NITRITE	23-APR-91	0.02	170	MG/L	
		ORTHOPHOSPHATE	23-APR-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	23-APR-91	0.4	5.3	MG/L	
		SULFATE	23-APR-91	2.0	110	MG/L	
		TOTAL DISSOLVED SOLIDS	23-APR-91	10.0	1800	MG/L	
		TOTAL SUSPENDED SOLIDS	23-APR-91	4.0	7	MG/L	
2986	VOA	1,1,1-TRICHLOROETHANE	11-JUN-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	11-JUN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	11-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	11-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	11-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	11-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	11-JUN-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	11-JUN-91	5	5	UG/L	U
		2-BUTANONE	11-JUN-91	10	10	UG/L	U
		2-HEXANONE	11-JUN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	11-JUN-91	10	10	UG/L	U
		ACETONE	11-JUN-91	10	10	UG/L	U
		BENZENE	11-JUN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	11-JUN-91	5	5	UG/L	U
		BROMOFORM	11-JUN-91	5	5	UG/L	U
		BROMOMETHANE	11-JUN-91	10	10	UG/L	U
		CARBON DISULFIDE	11-JUN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	11-JUN-91	5	5	UG/L	U
		CHLOROBENZENE	11-JUN-91	5	5	UG/L	U
		CHLOROETHANE	11-JUN-91	10	10	UG/L	U
		CHLOROFORM	11-JUN-91	5	5	UG/L	U
		CHLOROMETHANE	11-JUN-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	11-JUN-91	5	5	UG/L	U
		ETHYLBENZENE	11-JUN-91	5	5	UG/L	U
		METHYLENE CHLORIDE	11-JUN-91	5	1	UG/L	BJ
		STYRENE	11-JUN-91	5	5	UG/L	U
		TETRACHLOROETHENE	11-JUN-91	5	5	UG/L	U
		TOLUENE	11-JUN-91	5	5	UG/L	U
		TOTAL XYLENES	11-JUN-91	5	5	UG/L	U
		TRICHLOROETHENE	11-JUN-91	5	5	UG/L	U
		VINYL ACETATE	11-JUN-91	10	10	UG/L	U
		VINYL CHLORIDE	11-JUN-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	11-JUN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	11-JUN-91	5	5	UG/L	U
2986	WQHP	NITRATE/NITRITE	11-JUN-91	0.02	33	MG/L	
3386	VOA	1,1,1-TRICHLOROETHANE	12-JUN-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	12-JUN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	12-JUN-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		1,1-DICHLOROETHANE	12-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	12-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	12-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	12-JUN-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	12-JUN-91	5	5	UG/L	U
		2-BUTANONE	12-JUN-91	10	10	UG/L	U
		2-HEXANONE	12-JUN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	12-JUN-91	10	10	UG/L	U
		ACETONE	12-JUN-91	10	10	UG/L	U
		BENZENE	12-JUN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	12-JUN-91	5	5	UG/L	U
		BROMOFORM	12-JUN-91	5	5	UG/L	U
		BROMOMETHANE	12-JUN-91	10	10	UG/L	U
		CARBON DISULFIDE	12-JUN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	12-JUN-91	5	5	UG/L	U
		CHLOROBENZENE	12-JUN-91	5	5	UG/L	U
		CHLOROETHANE	12-JUN-91	10	10	UG/L	U
		CHLOROFORM	12-JUN-91	5	5	UG/L	U
		CHLOROMETHANE	12-JUN-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	12-JUN-91	5	5	UG/L	U
		ETHYLBENZENE	12-JUN-91	5	5	UG/L	U
		METHYLENE CHLORIDE	12-JUN-91	5	4	UG/L	BJ
		STYRENE	12-JUN-91	5	5	UG/L	U
		TETRACHLOROETHENE	12-JUN-91	5	3	UG/L	J
		TOLUENE	12-JUN-91	5	5	UG/L	U
		TOTAL XYLENES	12-JUN-91	5	5	UG/L	U
		TRICHLOROETHENE	12-JUN-91	5	5	UG/L	U
		VINYL ACETATE	12-JUN-91	10	10	UG/L	U
		VINYL CHLORIDE	12-JUN-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	12-JUN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	12-JUN-91	5	5	UG/L	U
3386	WQHP	BICARBONATE AS CACO3	12-JUN-91	1.0	200	MG/L	
		CARBONATE AS CACO3	12-JUN-91	1.0	1	MG/L	U
		CHLORIDE	12-JUN-91	0.2	49	MG/L	
		FLUORIDE	12-JUN-91	0.1	0.8	MG/L	
		NITRATE/NITRITE	12-JUN-91	0.02	23	MG/L	
		SILICA, DISSOLVED	12-JUN-91	0.4	7.9	MG/L	
		SULFATE	12-JUN-91	2.0	140	MG/L	
		TOTAL DISSOLVED SOLIDS	12-JUN-91	10.0	580	MG/L	
		TOTAL SUSPENDED SOLIDS	12-JUN-91	4.0	77	MG/L	
3586	METALS	ALUMINUM	07-OCT-91	200	145.00	UG/L	BN
		ALUMINUM	07-OCT-91	200	78.70	UG/L	B
		ANTIMONY	07-OCT-91	60	32.00	UG/L	B
		ANTIMONY	07-OCT-91	60	45.80	UG/L	B
		ARSENIC	07-OCT-91	10	2.00	UG/L	B
		ARSENIC	07-OCT-91	10	2.00	UG/L	UW
		BARIUM	07-OCT-91	200	126.00	UG/L	B
		BARIUM	07-OCT-91	200	70.50	UG/L	BE
		BERYLLIUM	07-OCT-91	5	1.00	UG/L	U
		BERYLLIUM	07-OCT-91	5	1.00	UG/L	U
		CADMIUM	07-OCT-91	5	2.90	UG/L	B
		CADMIUM	07-OCT-91	5	2.90	UG/L	B
		CALCIUM	07-OCT-91	5000	101000.00	UG/L	
		CALCIUM	07-OCT-91	5000	135000.00	UG/L	
		CESIUM	07-OCT-91	1000	51.00	UG/L	U
		CESIUM	07-OCT-91	1000	51.00	UG/L	U
		CHROMIUM	07-OCT-91	10	12.20	UG/L	
		CHROMIUM	07-OCT-91	10	12.90	UG/L	
		COBALT	07-OCT-91	50	3.10	UG/L	B
		COBALT	07-OCT-91	50	13.30	UG/L	B
		COPPER	07-OCT-91	25	4.70	UG/L	B
		COPPER	07-OCT-91	25	3.00	UG/L	U
		CYANIDE	07-OCT-91	10	2.00	UG/L	U
		IRON	07-OCT-91	100	292.00	UG/L	
		IRON	07-OCT-91	100	933.00	UG/L	
		LEAD	07-OCT-91	3	1.00	UG/L	UW
		LEAD	07-OCT-91	3	1.10	UG/L	BW
		LITHIUM	07-OCT-91	100	11.20	UG/L	B
		LITHIUM	07-OCT-91	100	16.90	UG/L	B
		MAGNESIUM	07-OCT-91	5000	25900.00	UG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		MAGNESIUM	07-OCT-91	5000	32700.00	UG/L	
		MANGANESE	07-OCT-91	15	913.00	UG/L	
		MANGANESE	07-OCT-91	15	3940.00	UG/L	
		MERCURY	07-OCT-91	0	0.20	UG/L	U
		MERCURY	07-OCT-91	0	0.20	UG/L	U
		MOLYBDENUM	07-OCT-91	200	3.70	UG/L	B
		MOLYBDENUM	07-OCT-91	200	5.90	UG/L	B
		NICKEL	07-OCT-91	40	17.00	UG/L	U
		NICKEL	07-OCT-91	40	19.60	UG/L	B
		POTASSIUM	07-OCT-91	5000	1250.00	UG/L	BE
		POTASSIUM	07-OCT-91	5000	664.00	UG/L	B
		SELENIUM	07-OCT-91	5	2.00	UG/L	U
		SELENIUM	07-OCT-91	5	2.00	UG/L	UW
		SILVER	07-OCT-91	10	2.00	UG/L	U
		SILVER	07-OCT-91	10	2.00	UG/L	B
		SODIUM	07-OCT-91	5000	76000.00	UG/L	
		SODIUM	07-OCT-91	5000	178000.00	UG/L	
		STRONTIUM	07-OCT-91	200	535.00	UG/L	
		STRONTIUM	07-OCT-91	200	797.00	UG/L	
		THALLIUM	07-OCT-91	10	1.00	UG/L	UW
		THALLIUM	07-OCT-91	10	1.00	UG/L	UW
		TIN	07-OCT-91	200	17.00	UG/L	U
		TIN	07-OCT-91	200	17.00	UG/L	U
		VANADIUM	07-OCT-91	50	5.30	UG/L	B
		VANADIUM	07-OCT-91	50	7.00	UG/L	B
		ZINC	07-OCT-91	20	27.00	UG/L	E
		ZINC	07-OCT-91	20	12.40	UG/L	B
		ALUMINUM	08-JUL-91	200	58.20	UG/L	B*
		ANTIMONY	08-JUL-91	60	33.60	UG/L	BN
		ARSENIC	08-JUL-91	10	3.00	UG/L	B
		BARIUM	08-JUL-91	200	74.30	UG/L	BE
		BERYLLIUM	08-JUL-91	5	1.00	UG/L	U
		CADMIUM	08-JUL-91	5	1.00	UG/L	U
		CALCIUM	08-JUL-91	5000	133000.00	UG/L	
		CESIUM	08-JUL-91	1000	112.00	UG/L	U
		CHROMIUM	08-JUL-91	10	12.20	UG/L	
		COBALT	08-JUL-91	50	11.00	UG/L	B
		COPPER	08-JUL-91	25	3.60	UG/L	B
		CYANIDE	08-JUL-91	10	2.00	UG/L	U
		IRON	08-JUL-91	100	900.00	UG/L	
		LEAD	08-JUL-91	3	1.00	UG/L	U
		LITHIUM	08-JUL-91	100	16.80	UG/L	B
		MAGNESIUM	08-JUL-91	5000	32500.00	UG/L	
		MANGANESE	08-JUL-91	15	3430.00	UG/L	
		MERCURY	08-JUL-91	0	0.20	UG/L	U
		MOLYBDENUM	08-JUL-91	200	4.30	UG/L	B
		NICKEL	08-JUL-91	40	17.00	UG/L	B
		POTASSIUM	08-JUL-91	5000	603.00	UG/L	B
		SELENIUM	08-JUL-91	5	1.00	UG/L	UW
		SILVER	08-JUL-91	10	2.00	UG/L	U
		SODIUM	08-JUL-91	5000	180000.00	UG/L	
		STRONTIUM	08-JUL-91	200	746.00	UG/L	
		THALLIUM	08-JUL-91	10	2.00	UG/L	UW
		TIN	08-JUL-91	200	36.70	UG/L	B
		VANADIUM	08-JUL-91	50	3.80	UG/L	B
		ZINC	08-JUL-91	20	17.80	UG/L	B
		ALUMINUM	14-MAR-91	200	72.00	UG/L	B
		ANTIMONY	14-MAR-91	60	13.10	UG/L	B
		ARSENIC	14-MAR-91	10	4.00	UG/L	B
		BARIUM	14-MAR-91	200	62.40	UG/L	B
		BERYLLIUM	14-MAR-91	5	1.00	UG/L	U
		CADMIUM	14-MAR-91	5	2.00	UG/L	U
		CALCIUM	14-MAR-91	5000	130000.00	UG/L	
		CESIUM	14-MAR-91	1000	76.00	UG/L	U
		CHROMIUM	14-MAR-91	10	13.40	UG/L	
		COBALT	14-MAR-91	50	11.40	UG/L	B
		COPPER	14-MAR-91	25	5.50	UG/L	B
		CYANIDE	14-MAR-91	10	3.50	UG/L	U
		IRON	14-MAR-91	100	1550.00	UG/L	
		LEAD	14-MAR-91	3	1.00	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		LITHIUM	14-MAR-91	100	17.00	UG/L	B
		MAGNESIUM	14-MAR-91	5000	32000.00	UG/L	
		MANGANESE	14-MAR-91	15	3580.00	UG/L	
		MERCURY	14-MAR-91	0	0.20	UG/L	UN
		MOLYBDENUM	14-MAR-91	200	3.50	UG/L	B
		NICKEL	14-MAR-91	40	16.60	UG/L	B
		POTASSIUM	14-MAR-91	5000	559.00	UG/L	B
		SELENIUM	14-MAR-91	5	2.00	UG/L	U
		SILVER	14-MAR-91	10	6.60	UG/L	B
		SODIUM	14-MAR-91	5000	174000.00	UG/L	
		STRONTIUM	14-MAR-91	200	774.00	UG/L	
		THALLIUM	14-MAR-91	10	1.00	UG/L	BW
		TIN	14-MAR-91	200	11.00	UG/L	U
		VANADIUM	14-MAR-91	50	7.70	UG/L	B
		ZINC	14-MAR-91	20	14.40	UG/L	B
		ALUMINUM	29-APR-91	200	44.70	UG/L	B
		ANTIMONY	29-APR-91	60	39.30	UG/L	B
		ARSENIC	29-APR-91	10	3.00	UG/L	B
		BARIUM	29-APR-91	200	65.50	UG/L	B
		BERYLLIUM	29-APR-91	5	1.00	UG/L	U
		CADMIUM	29-APR-91	5	2.00	UG/L	U
		CALCIUM	29-APR-91	5000	132000.00	UG/L	
		CESIUM	29-APR-91	1000	120.00	UG/L	B
		CHROMIUM	29-APR-91	10	5.60	UG/L	B
		COBALT	29-APR-91	50	10.20	UG/L	B
		COPPER	29-APR-91	25	11.00	UG/L	U
		CYANIDE	29-APR-91	10	2.50	UG/L	U
		IRON	29-APR-91	100	1170.00	UG/L	
		LEAD	29-APR-91	3	1.00	UG/L	U
		LITHIUM	29-APR-91	100	13.60	UG/L	B
		MAGNESIUM	29-APR-91	5000	31800.00	UG/L	
		MANGANESE	29-APR-91	15	3640.00	UG/L	
		MERCURY	29-APR-91	0	0.20	UG/L	UN
		MOLYBDENUM	29-APR-91	200	3.40	UG/L	B
		NICKEL	29-APR-91	40	14.90	UG/L	B
		POTASSIUM	29-APR-91	5000	499.00	UG/L	B
		SELENIUM	29-APR-91	5	2.00	UG/L	UW
		SILVER	29-APR-91	10	2.00	UG/L	U
		SODIUM	29-APR-91	5000	174000.00	UG/L	
		STRONTIUM	29-APR-91	200	771.00	UG/L	
		THALLIUM	29-APR-91	10	1.00	UG/L	U
		TIN	29-APR-91	200	18.40	UG/L	B
		VANADIUM	29-APR-91	50	2.00	UG/L	U
		ZINC	29-APR-91	20	14.60	UG/L	B
3586	RADS	AMERICIUM-241	14-MAR-91	.01	-.245	PCI/L	J
		CESIUM-137	14-MAR-91	1	.557	PCI/L	J
		GROSS ALPHA - DISSOLVED	14-MAR-91	2	3.845	PCI/L	
		GROSS BETA - DISSOLVED	14-MAR-91	4	7.743	PCI/L	
		PLUTONIUM-239/240	14-MAR-91	.01	.002993	PCI/L	J
		STRONTIUM-89,90	14-MAR-91	1	.2886	PCI/L	J
		TRITIUM	14-MAR-91	400	-26	PCI/L	J
		URANIUM-233,-234	14-MAR-91	.6	2.186	PCI/L	
		URANIUM-235	14-MAR-91	.6	0	PCI/L	J
		URANIUM-238	14-MAR-91	.6	1.991	PCI/L	
		AMERICIUM-241	29-APR-91	.01	.001317	PCI/L	J
		CESIUM-137	29-APR-91	1	.2355	PCI/L	J
		GROSS ALPHA - DISSOLVED	29-APR-91	2	-1.34	PCI/L	J
		GROSS BETA - DISSOLVED	29-APR-91	4	3.793	PCI/L	J
		PLUTONIUM-239/240	29-APR-91	.01	.001459	PCI/L	J
		STRONTIUM-89,90	29-APR-91	1	.6758	PCI/L	J
		TRITIUM	29-APR-91	400	219.9	PCI/L	J
		URANIUM-233,-234	29-APR-91	.6	2.765	PCI/L	
		URANIUM-235	29-APR-91	.6	.03095	PCI/L	J
		URANIUM-238	29-APR-91	.6	1.661	PCI/L	
3586	VOA	1,1,1-TRICHLOROETHANE	07-OCT-91	5	5	UG/L	J
		1,1,2,2-TETRACHLOROETHANE	07-OCT-91	5	10	UG/L	U
		1,1,2-TRICHLOROETHANE	07-OCT-91	5	10	UG/L	U
		1,1-DICHLOROETHANE	07-OCT-91	5	48	UG/L	
		1,1-DICHLOROETHENE	07-OCT-91	5	10	UG/L	U
		1,2-DICHLOROETHANE	07-OCT-91	5	10	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		1,2-DICHLOROPROPANE	07-OCT-91	5	10	UG/L	U
		2-BUTANONE	07-OCT-91	10	20	UG/L	U
		2-HEXANONE	07-OCT-91	10	20	UG/L	U
		4-METHYL-2-PENTANONE	07-OCT-91	10	20	UG/L	U
		ACETONE	07-OCT-91	10	20	UG/L	U
		BENZENE	07-OCT-91	5	10	UG/L	U
		BROMODICHLOROMETHANE	07-OCT-91	5	10	UG/L	U
		BROMOFORM	07-OCT-91	5	10	UG/L	U
		BROMOMETHANE	07-OCT-91	10	20	UG/L	U
		CARBON DISULFIDE	07-OCT-91	5	10	UG/L	U
		CARBON TETRACHLORIDE	07-OCT-91	5	10	UG/L	U
		CHLOROBENZENE	07-OCT-91	5	10	UG/L	U
		CHLOROETHANE	07-OCT-91	10	20	UG/L	U
		CHLOROFORM	07-OCT-91	5	10	UG/L	U
		CHLOROMETHANE	07-OCT-91	10	20	UG/L	U
		DIBROMOCHLOROMETHANE	07-OCT-91	5	10	UG/L	U
		ETHYLBENZENE	07-OCT-91	5	10	UG/L	U
		METHYLENE CHLORIDE	07-OCT-91	5	10	UG/L	U
		STYRENE	07-OCT-91	5	10	UG/L	U
		TETRACHLOROETHENE	07-OCT-91	5	10	UG/L	U
		TOLUENE	07-OCT-91	5	10	UG/L	U
		TOTAL XYLENES	07-OCT-91	5	10	UG/L	U
		TRICHLOROETHENE	07-OCT-91	5	10	UG/L	U
		VINYL ACETATE	07-OCT-91	10	20	UG/L	U
		VINYL CHLORIDE	07-OCT-91	10	380	UG/L	
		cis-1,3-DICHLOROPROPENE	07-OCT-91	5	10	UG/L	U
		trans-1,2-DICHLOROETHENE	07-OCT-91	5	9	UG/L	J
		trans-1,3-DICHLOROPROPENE	07-OCT-91	5	10	UG/L	U
		1,1,1-TRICHLOROETHANE	08-JUL-91	5	7	UG/L	DJ
		1,1,1-TRICHLOROETHANE	08-JUL-91	5	7	UG/L	
		1,1,2,2-TETRACHLOROETHANE	08-JUL-91	5	15	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	08-JUL-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	08-JUL-91	5	15	UG/L	U
		1,1,2-TRICHLOROETHANE	08-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	08-JUL-91	5	53	UG/L	D
		1,1-DICHLOROETHANE	08-JUL-91	5	42	UG/L	
		1,1-DICHLOROETHENE	08-JUL-91	5	15	UG/L	U
		1,1-DICHLOROETHENE	08-JUL-91	5	2	UG/L	J
		1,2-DICHLOROETHANE	08-JUL-91	5	15	UG/L	U
		1,2-DICHLOROETHANE	08-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	08-JUL-91	5	54	UG/L	D
		1,2-DICHLOROETHENE	08-JUL-91	5	42	UG/L	
		1,2-DICHLOROPROPANE	08-JUL-91	5	15	UG/L	U
		1,2-DICHLOROPROPANE	08-JUL-91	5	5	UG/L	U
		2-BUTANONE	08-JUL-91	10	30	UG/L	U
		2-BUTANONE	08-JUL-91	10	10	UG/L	U
		2-HEXANONE	08-JUL-91	10	30	UG/L	U
		2-HEXANONE	08-JUL-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	08-JUL-91	10	30	UG/L	U
		4-METHYL-2-PENTANONE	08-JUL-91	10	10	UG/L	U
		ACETONE	08-JUL-91	10	30	UG/L	U
		ACETONE	08-JUL-91	10	10	UG/L	U
		BENZENE	08-JUL-91	5	15	UG/L	U
		BENZENE	08-JUL-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	08-JUL-91	5	15	UG/L	U
		BROMODICHLOROMETHANE	08-JUL-91	5	5	UG/L	U
		BROMOFORM	08-JUL-91	5	15	UG/L	U
		BROMOFORM	08-JUL-91	5	5	UG/L	U
		BROMOMETHANE	08-JUL-91	10	30	UG/L	U
		BROMOMETHANE	08-JUL-91	10	10	UG/L	U
		CARBON DISULFIDE	08-JUL-91	5	15	UG/L	U
		CARBON DISULFIDE	08-JUL-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	08-JUL-91	5	15	UG/L	U
		CARBON TETRACHLORIDE	08-JUL-91	5	5	UG/L	U
		CHLOROBENZENE	08-JUL-91	5	15	UG/L	U
		CHLOROBENZENE	08-JUL-91	5	5	UG/L	U
		CHLOROETHANE	08-JUL-91	10	30	UG/L	U
		CHLOROETHANE	08-JUL-91	10	10	UG/L	U
		CHLOROFORM	08-JUL-91	5	15	UG/L	U
		CHLOROFORM	08-JUL-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		CHLOROMETHANE	08-JUL-91	10	30	UG/L	U
		CHLOROMETHANE	08-JUL-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	08-JUL-91	5	15	UG/L	U
		DIBROMOCHLOROMETHANE	08-JUL-91	5	5	UG/L	U
		ETHYLBENZENE	08-JUL-91	5	15	UG/L	U
		ETHYLBENZENE	08-JUL-91	5	5	UG/L	U
		METHYLENE CHLORIDE	08-JUL-91	5	9	UG/L	BDJ
		METHYLENE CHLORIDE	08-JUL-91	5	5	UG/L	U
		STYRENE	08-JUL-91	5	15	UG/L	U
		STYRENE	08-JUL-91	5	5	UG/L	U
		TETRACHLOROETHENE	08-JUL-91	5	15	UG/L	U
		TETRACHLOROETHENE	08-JUL-91	5	5	UG/L	U
		TOLUENE	08-JUL-91	5	15	UG/L	U
		TOLUENE	08-JUL-91	5	5	UG/L	U
		TOTAL XYLENES	08-JUL-91	5	5	UG/L	U
		TOTAL XYLENES	08-JUL-91	5	15	UG/L	U
		TRICHLOROETHENE	08-JUL-91	5	15	UG/L	U
		TRICHLOROETHENE	08-JUL-91	5	3	UG/L	J
		VINYL ACETATE	08-JUL-91	10	10	UG/L	U
		VINYL ACETATE	08-JUL-91	10	30	UG/L	U
		VINYL CHLORIDE	08-JUL-91	10	400	UG/L	D
		VINYL CHLORIDE	08-JUL-91	10	420	UG/L	E
		cis-1,3-DICHLOROPROPENE	08-JUL-91	5	15	UG/L	U
		cis-1,3-DICHLOROPROPENE	08-JUL-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	08-JUL-91	5	15	UG/L	U
		trans-1,3-DICHLOROPROPENE	08-JUL-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	14-MAR-91	5	25	UG/L	U
		1,1,1-TRICHLOROETHANE	14-MAR-91	5	6	UG/L	
		1,1,2,2-TETRACHLOROETHANE	14-MAR-91	5	25	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	14-MAR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	14-MAR-91	5	25	UG/L	U
		1,1,2-TRICHLOROETHANE	14-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	14-MAR-91	5	54	UG/L	D
		1,1-DICHLOROETHANE	14-MAR-91	5	56	UG/L	
		1,1-DICHLOROETHENE	14-MAR-91	5	25	UG/L	U
		1,1-DICHLOROETHENE	14-MAR-91	5	1	UG/L	J
		1,2-DICHLOROETHANE	14-MAR-91	5	25	UG/L	U
		1,2-DICHLOROETHANE	14-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	14-MAR-91	5	33	UG/L	D
		1,2-DICHLOROETHENE	14-MAR-91	5	33	UG/L	
		1,2-DICHLOROPROPANE	14-MAR-91	5	25	UG/L	U
		1,2-DICHLOROPROPANE	14-MAR-91	5	5	UG/L	U
		2-BUTANONE	14-MAR-91	10	50	UG/L	U
		2-BUTANONE	14-MAR-91	10	10	UG/L	U
		2-HEXANONE	14-MAR-91	10	50	UG/L	U
		2-HEXANONE	14-MAR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	14-MAR-91	10	50	UG/L	U
		4-METHYL-2-PENTANONE	14-MAR-91	10	10	UG/L	U
		ACETONE	14-MAR-91	10	75	UG/L	BD
		ACETONE	14-MAR-91	10	17	UG/L	B
		BENZENE	14-MAR-91	5	25	UG/L	U
		BENZENE	14-MAR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	14-MAR-91	5	25	UG/L	U
		BROMODICHLOROMETHANE	14-MAR-91	5	5	UG/L	U
		BROMOFORM	14-MAR-91	5	25	UG/L	U
		BROMOFORM	14-MAR-91	5	5	UG/L	U
		BROMOMETHANE	14-MAR-91	10	50	UG/L	U
		BROMOMETHANE	14-MAR-91	10	10	UG/L	U
		CARBON DISULFIDE	14-MAR-91	5	25	UG/L	U
		CARBON DISULFIDE	14-MAR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	14-MAR-91	5	25	UG/L	U
		CARBON TETRACHLORIDE	14-MAR-91	5	5	UG/L	U
		CHLOROBENZENE	14-MAR-91	5	25	UG/L	U
		CHLOROBENZENE	14-MAR-91	5	5	UG/L	U
		CHLOROETHANE	14-MAR-91	10	50	UG/L	U
		CHLOROETHANE	14-MAR-91	10	10	UG/L	U
		CHLOROFORM	14-MAR-91	5	25	UG/L	U
		CHLOROFORM	14-MAR-91	5	5	UG/L	U
		CHLOROMETHANE	14-MAR-91	10	50	UG/L	U
		CHLOROMETHANE	14-MAR-91	10	10	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		DIBROMOCHLOROMETHANE	14-MAR-91	5	25	UG/L	U
		DIBROMOCHLOROMETHANE	14-MAR-91	5	5	UG/L	U
		ETHYLBENZENE	14-MAR-91	5	25	UG/L	U
		ETHYLBENZENE	14-MAR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	14-MAR-91	5	9	UG/L	DJ
		METHYLENE CHLORIDE	14-MAR-91	5	10	UG/L	
		STYRENE	14-MAR-91	5	25	UG/L	U
		STYRENE	14-MAR-91	5	5	UG/L	U
		TETRACHLOROETHENE	14-MAR-91	5	25	UG/L	U
		TETRACHLOROETHENE	14-MAR-91	5	5	UG/L	U
		TOLUENE	14-MAR-91	5	25	UG/L	U
		TOLUENE	14-MAR-91	5	5	UG/L	U
		TOTAL XYLENES	14-MAR-91	5	5	UG/L	U
		TOTAL XYLENES	14-MAR-91	5	25	UG/L	U
		TRICHLOROETHENE	14-MAR-91	5	25	UG/L	U
		TRICHLOROETHENE	14-MAR-91	5	2	UG/L	J
		VINYL ACETATE	14-MAR-91	10	50	UG/L	U
		VINYL ACETATE	14-MAR-91	10	10	UG/L	U
		VINYL CHLORIDE	14-MAR-91	10	610	UG/L	D
		VINYL CHLORIDE	14-MAR-91	10	690	UG/L	E
		cis-1,3-DICHLOROPROPENE	14-MAR-91	5	25	UG/L	U
		cis-1,3-DICHLOROPROPENE	14-MAR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	14-MAR-91	5	25	UG/L	U
		trans-1,3-DICHLOROPROPENE	14-MAR-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	29-APR-91	5	25	UG/L	U
		1,1,1-TRICHLOROETHANE	29-APR-91	5	12	UG/L	
		1,1,2,2-TETRACHLOROETHANE	29-APR-91	5	25	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	29-APR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	29-APR-91	5	25	UG/L	U
		1,1,2-TRICHLOROETHANE	29-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	29-APR-91	5	64	UG/L	D
		1,1-DICHLOROETHANE	29-APR-91	5	61	UG/L	
		1,1-DICHLOROETHENE	29-APR-91	5	25	UG/L	U
		1,1-DICHLOROETHENE	29-APR-91	5	5	UG/L	
		1,2-DICHLOROETHANE	29-APR-91	5	25	UG/L	U
		1,2-DICHLOROETHANE	29-APR-91	5	2	UG/L	J
		1,2-DICHLOROETHENE	29-APR-91	5	76	UG/L	D
		1,2-DICHLOROETHENE	29-APR-91	5	74	UG/L	
		1,2-DICHLOROPROPANE	29-APR-91	5	25	UG/L	U
		1,2-DICHLOROPROPANE	29-APR-91	5	5	UG/L	U
		2-BUTANONE	29-APR-91	10	50	UG/L	U
		2-BUTANONE	29-APR-91	10	10	UG/L	U
		2-HEXANONE	29-APR-91	10	50	UG/L	U
		2-HEXANONE	29-APR-91	10	5	UG/L	J
		4-METHYL-2-PENTANONE	29-APR-91	10	50	UG/L	U
		4-METHYL-2-PENTANONE	29-APR-91	10	1	UG/L	J
		ACETONE	29-APR-91	10	50	UG/L	U
		ACETONE	29-APR-91	10	10	UG/L	U
		BENZENE	29-APR-91	5	25	UG/L	U
		BENZENE	29-APR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	29-APR-91	5	25	UG/L	U
		BROMODICHLOROMETHANE	29-APR-91	5	5	UG/L	U
		BROMOFORM	29-APR-91	5	25	UG/L	U
		BROMOFORM	29-APR-91	5	5	UG/L	U
		BROMOMETHANE	29-APR-91	10	50	UG/L	U
		BROMOMETHANE	29-APR-91	10	10	UG/L	U
		CARBON DISULFIDE	29-APR-91	5	25	UG/L	U
		CARBON DISULFIDE	29-APR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	29-APR-91	5	25	UG/L	U
		CARBON TETRACHLORIDE	29-APR-91	5	5	UG/L	U
		CHLOROBENZENE	29-APR-91	5	25	UG/L	U
		CHLOROBENZENE	29-APR-91	5	5	UG/L	U
		CHLOROETHANE	29-APR-91	10	50	UG/L	U
		CHLOROETHANE	29-APR-91	10	10	UG/L	U
		CHLOROFORM	29-APR-91	5	25	UG/L	U
		CHLOROFORM	29-APR-91	5	5	UG/L	U
		CHLOROMETHANE	29-APR-91	10	50	UG/L	U
		CHLOROMETHANE	29-APR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	29-APR-91	5	25	UG/L	U
		DIBROMOCHLOROMETHANE	29-APR-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		ETHYLBENZENE	29-APR-91	5	25	UG/L	U
		ETHYLBENZENE	29-APR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	29-APR-91	5	50	UG/L	D
		METHYLENE CHLORIDE	29-APR-91	5	10	UG/L	
		STYRENE	29-APR-91	5	25	UG/L	U
		STYRENE	29-APR-91	5	5	UG/L	U
		TETRACHLOROETHENE	29-APR-91	5	25	UG/L	U
		TETRACHLOROETHENE	29-APR-91	5	5	UG/L	U
		TOLUENE	29-APR-91	5	25	UG/L	U
		TOLUENE	29-APR-91	5	5	UG/L	U
		TOTAL XYLENES	29-APR-91	5	5	UG/L	U
		TOTAL XYLENES	29-APR-91	5	25	UG/L	U
		TRICHLOROETHENE	29-APR-91	5	7	UG/L	DJ
		TRICHLOROETHENE	29-APR-91	5	6	UG/L	
		VINYL ACETATE	29-APR-91	10	50	UG/L	U
		VINYL ACETATE	29-APR-91	10	10	UG/L	U
		VINYL CHLORIDE	29-APR-91	10	860	UG/L	D
		VINYL CHLORIDE	29-APR-91	10	670	UG/L	E
		cis-1,3-DICHLOROPROPENE	29-APR-91	5	25	UG/L	U
		cis-1,3-DICHLOROPROPENE	29-APR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	29-APR-91	5	25	UG/L	U
		trans-1,3-DICHLOROPROPENE	29-APR-91	5	5	UG/L	U
3586	WQHP	BICARBONATE AS CACO3	07-OCT-91	1.0	610	MG/L	
		CARBONATE AS CACO3	07-OCT-91	1.0	1	MG/L	U
		CHLORIDE	07-OCT-91	0.2	102	MG/L	
		FLUORIDE	07-OCT-91	0.1	0.9	MG/L	
		NITRATE/NITRITE	07-OCT-91	0.02	0.02	MG/L	U
		ORTHOPHOSPHATE	07-OCT-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	07-OCT-91	0.4	8.5	MG/L	
		SULFATE	07-OCT-91	2.0	230	MG/L	
		TOTAL DISSOLVED SOLIDS	07-OCT-91	10.0	980	MG/L	
		TOTAL SUSPENDED SOLIDS	07-OCT-91	4.0	160	MG/L	
		BICARBONATE AS CACO3	08-JUL-91	1.0	610	MG/L	
		CARBONATE AS CACO3	08-JUL-91	1.0	0	MG/L	
		CHLORIDE	08-JUL-91	0.2	140	MG/L	
		FLUORIDE	08-JUL-91	0.1	0.8	MG/L	
		NITRATE/NITRITE	08-JUL-91	0.02	0.02	MG/L	U
		ORTHOPHOSPHATE	08-JUL-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	08-JUL-91	0.4	7.5	MG/L	
		SULFATE	08-JUL-91	2.0	74	MG/L	
		TOTAL DISSOLVED SOLIDS	08-JUL-91	10.0	950	MG/L	
		TOTAL SUSPENDED SOLIDS	08-JUL-91	4.0	54	MG/L	
		BICARBONATE AS CACO3	14-MAR-91	1.0	610	MG/L	
		CARBONATE AS CACO3	14-MAR-91	1.0	0	MG/L	
		CHLORIDE	14-MAR-91	0.2	110	MG/L	
		FLUORIDE	14-MAR-91	0.1	0.8	MG/L	
		NITRATE/NITRITE	14-MAR-91	0.02	0.05	MG/L	
		ORTHOPHOSPHATE	14-MAR-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	14-MAR-91	0.4	7.3	MG/L	
		SULFATE	14-MAR-91	2.0	120	MG/L	
		TOTAL DISSOLVED SOLIDS	14-MAR-91	10.0	950	MG/L	
		TOTAL SUSPENDED SOLIDS	14-MAR-91	4.0	130	MG/L	
		BICARBONATE AS CACO3	29-APR-91	1.0	590	MG/L	
		CARBONATE AS CACO3	29-APR-91	1.0	1	MG/L	U
		CHLORIDE	29-APR-91	0.2	100	MG/L	
		FLUORIDE	29-APR-91	0.1	0.8	MG/L	
		NITRATE/NITRITE	29-APR-91	0.02	0.05	MG/L	
		ORTHOPHOSPHATE	29-APR-91	0.01	0.18	MG/L	
		SILICA, DISSOLVED	29-APR-91	0.4	6.7	MG/L	
		SULFATE	29-APR-91	2.0	110	MG/L	
		TOTAL DISSOLVED SOLIDS	29-APR-91	10.0	920	MG/L	
		TOTAL SUSPENDED SOLIDS	29-APR-91	4.0	170	MG/L	
3686	METALS	ALUMINUM	30-APR-91	200	85.60	UG/L	B
		ANTIMONY	30-APR-91	60	65.80	UG/L	
		ARSENIC	30-APR-91	10	2.00	UG/L	U
		BARIUM	30-APR-91	200	23.40	UG/L	B
		BERYLLIUM	30-APR-91	5	1.00	UG/L	U
		CADMIUM	30-APR-91	5	2.00	UG/L	U
		CALCIUM	30-APR-91	5000	215000.00	UG/L	
		CESIUM	30-APR-91	1000	160.00	UG/L	B

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		CHROMIUM	30-APR-91	10	21.90	UG/L	
		COBALT	30-APR-91	50	3.00	UG/L	U
		COPPER	30-APR-91	25	11.80	UG/L	B
		IRON	30-APR-91	100	29.10	UG/L	B
		LEAD	30-APR-91	3	1.00	UG/L	U
		LITHIUM	30-APR-91	100	123.00	UG/L	
		MAGNESIUM	30-APR-91	5000	74000.00	UG/L	
		MANGANESE	30-APR-91	15	77.30	UG/L	
		MERCURY	30-APR-91	0	0.20	UG/L	UN
		MOLYBDENUM	30-APR-91	200	25.40	UG/L	B
		NICKEL	30-APR-91	40	287.00	UG/L	
		POTASSIUM	30-APR-91	5000	584.00	UG/L	B
		SELENIUM	30-APR-91	5	4.20	UG/L	BS
		SILVER	30-APR-91	10	2.00	UG/L	U
		SODIUM	30-APR-91	5000	288000.00	UG/L	
		STRONTIUM	30-APR-91	200	2020.00	UG/L	
		THALLIUM	30-APR-91	10	1.00	UG/L	U
		TIN	30-APR-91	200	28.60	UG/L	B
		VANADIUM	30-APR-91	50	2.00	UG/L	U
		ZINC	30-APR-91	20	22.10	UG/L	
3686	RADS	TRITIUM	19-MAR-91	400	348.7	PCI/L	J
		GROSS ALPHA - DISSOLVED	30-APR-91	2	12.22	PCI/L	
		GROSS BETA - DISSOLVED	30-APR-91	4	6.211	PCI/L	
		TRITIUM	30-APR-91	400	273.7	PCI/L	J
		URANIUM-233,-234	30-APR-91	.6	21.48	PCI/L	
		URANIUM-235	30-APR-91	.6	1.119	PCI/L	
		URANIUM-238	30-APR-91	.6	18.44	PCI/L	
3686	VOA	1,1,1-TRICHLOROETHANE	08-OCT-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	08-OCT-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	08-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	08-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	08-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	08-OCT-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	08-OCT-91	5	5	UG/L	U
		2-BUTANONE	08-OCT-91	10	10	UG/L	U
		2-HEXANONE	08-OCT-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	08-OCT-91	10	10	UG/L	U
		ACETONE	08-OCT-91	10	10	UG/L	U
		BENZENE	08-OCT-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	08-OCT-91	5	5	UG/L	U
		BROMOFORM	08-OCT-91	5	5	UG/L	U
		BROMOMETHANE	08-OCT-91	10	10	UG/L	U
		CARBON DISULFIDE	08-OCT-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	08-OCT-91	5	5	UG/L	U
		CHLOROBENZENE	08-OCT-91	5	5	UG/L	U
		CHLOROETHANE	08-OCT-91	10	10	UG/L	U
		CHLOROFORM	08-OCT-91	5	5	UG/L	U
		CHLOROMETHANE	08-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	08-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	08-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	08-OCT-91	5	5	UG/L	U
		STYRENE	08-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	08-OCT-91	5	5	UG/L	U
		TOLUENE	08-OCT-91	5	5	UG/L	U
		TOTAL XYLENES	08-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	08-OCT-91	5	5	UG/L	U
		VINYL ACETATE	08-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	08-OCT-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	08-OCT-91	5	5	UG/L	U
		trans-1,2-DICHLOROETHENE	08-OCT-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	08-OCT-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	10-JUL-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	10-JUL-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	10-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	10-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	10-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	10-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	10-JUL-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	10-JUL-91	5	5	UG/L	U
		2-BUTANONE	10-JUL-91	10	10	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		2-HEXANONE	10-JUL-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	10-JUL-91	10	10	UG/L	U
		ACETONE	10-JUL-91	10	10	UG/L	U
		BENZENE	10-JUL-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	10-JUL-91	5	5	UG/L	U
		BROMOFORM	10-JUL-91	5	5	UG/L	U
		BROMOMETHANE	10-JUL-91	10	10	UG/L	U
		CARBON DISULFIDE	10-JUL-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	10-JUL-91	5	5	UG/L	U
		CHLOROBENZENE	10-JUL-91	5	5	UG/L	U
		CHLOROETHANE	10-JUL-91	10	10	UG/L	U
		CHLOROFORM	10-JUL-91	5	5	UG/L	U
		CHLOROMETHANE	10-JUL-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	10-JUL-91	5	5	UG/L	U
		ETHYLBENZENE	10-JUL-91	5	5	UG/L	U
		METHYLENE CHLORIDE	10-JUL-91	5	5	UG/L	U
		STYRENE	10-JUL-91	5	5	UG/L	U
		TETRACHLOROETHENE	10-JUL-91	5	5	UG/L	U
		TOLUENE	10-JUL-91	5	5	UG/L	U
		TOTAL XYLENES	10-JUL-91	5	5	UG/L	U
		TRICHLOROETHENE	10-JUL-91	5	5	UG/L	U
		VINYL ACETATE	10-JUL-91	10	10	UG/L	U
		VINYL CHLORIDE	10-JUL-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	10-JUL-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	10-JUL-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	19-MAR-91	5	5	ug/L	U
		1,1,2,2-TETRACHLOROETHANE	19-MAR-91	5	5	ug/L	U
		1,1,2-TRICHLOROETHANE	19-MAR-91	5	5	ug/L	U
		1,1-DICHLOROETHANE	19-MAR-91	5	5	ug/L	U
		1,1-DICHLOROETHENE	19-MAR-91	5	5	ug/L	U
		1,2-DICHLOROETHANE	19-MAR-91	5	5	ug/L	U
		1,2-DICHLOROPROPANE	19-MAR-91	5	5	ug/L	U
		2-BUTANONE	19-MAR-91	10	10	ug/L	U
		2-HEXANONE	19-MAR-91	10	10	ug/L	U
		4-METHYL-2-PENTANONE	19-MAR-91	10	10	ug/L	U
		ACETONE	19-MAR-91	10	6	ug/L	J
		BENZENE	19-MAR-91	5	5	ug/L	U
		BROMODICHLOROMETHANE	19-MAR-91	5	5	ug/L	U
		BROMOFORM	19-MAR-91	5	5	ug/L	U
		BROMOMETHANE	19-MAR-91	10	10	ug/L	U
		CARBON DISULFIDE	19-MAR-91	5	5	ug/L	U
		CARBON TETRACHLORIDE	19-MAR-91	5	5	ug/L	U
		CHLOROBENZENE	19-MAR-91	5	5	ug/L	U
		CHLOROETHANE	19-MAR-91	10	10	ug/L	U
		CHLOROFORM	19-MAR-91	5	5	ug/L	U
		CHLOROMETHANE	19-MAR-91	10	10	ug/L	U
		DIBROMOCHLOROMETHANE	19-MAR-91	5	5	ug/L	U
		ETHYLBENZENE	19-MAR-91	5	5	ug/L	U
		METHYLENE CHLORIDE	19-MAR-91	5	1	ug/L	BJ
		STYRENE	19-MAR-91	5	5	ug/L	U
		TETRACHLOROETHENE	19-MAR-91	5	5	ug/L	U
		TOLUENE	19-MAR-91	5	5	ug/L	U
		TOTAL XYLENES	19-MAR-91	5	5	ug/L	U
		TRICHLOROETHENE	19-MAR-91	5	5	ug/L	U
		VINYL ACETATE	19-MAR-91	10	10	ug/L	U
		VINYL CHLORIDE	19-MAR-91	10	10	ug/L	U
		cis-1,3-DICHLOROPROPENE	19-MAR-91	5	5	ug/L	U
		trans-1,2-DICHLOROETHENE	19-MAR-91	5	5	ug/L	U
		trans-1,3-DICHLOROPROPENE	19-MAR-91	5	5	ug/L	U
		1,1,1-TRICHLOROETHANE	30-APR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	30-APR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	30-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	30-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	30-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	30-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	30-APR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	30-APR-91	5	5	UG/L	U
		2-BUTANONE	30-APR-91	10	10	UG/L	U
		2-HEXANONE	30-APR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	30-APR-91	10	10	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		ACETONE	30-APR-91	10	10	UG/L	U
		BENZENE	30-APR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	30-APR-91	5	5	UG/L	U
		BROMOFORM	30-APR-91	5	5	UG/L	U
		BROMOMETHANE	30-APR-91	10	10	UG/L	U
		CARBON DISULFIDE	30-APR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	30-APR-91	5	5	UG/L	U
		CHLOROBENZENE	30-APR-91	5	5	UG/L	U
		CHLOROETHANE	30-APR-91	10	10	UG/L	U
		CHLOROFORM	30-APR-91	5	5	UG/L	U
		CHLOROMETHANE	30-APR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	30-APR-91	5	5	UG/L	U
		ETHYLBENZENE	30-APR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	30-APR-91	5	12	UG/L	B
		STYRENE	30-APR-91	5	5	UG/L	U
		TETRACHLOROETHENE	30-APR-91	5	5	UG/L	U
		TOLUENE	30-APR-91	5	5	UG/L	U
		TOTAL XYLENES	30-APR-91	5	5	UG/L	U
		TRICHLOROETHENE	30-APR-91	5	5	UG/L	U
		VINYL ACETATE	30-APR-91	10	10	UG/L	U
		VINYL CHLORIDE	30-APR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	30-APR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	30-APR-91	5	5	UG/L	U
3686	WQHP	NITRATE/NITRITE	08-OCT-91	0.02	0.5	MG/L	
		NITRATE/NITRITE	10-JUL-91	0.02	0.5	MG/L	
		ORTHOPHOSPHATE	10-JUL-91	0.01	0.01	MG/L	U
		NITRATE/NITRITE	19-MAR-91	0.02	0.14	MG/L	
		BICARBONATE AS CACO3	30-APR-91	1.0	320	MG/L	
		CARBONATE AS CACO3	30-APR-91	1.0	1	MG/L	U
		CHLORIDE	30-APR-91	0.2	200	MG/L	
		FLUORIDE	30-APR-91	0.1	1.2	MG/L	
		NITRATE/NITRITE	30-APR-91	0.02	0.9	MG/L	
		ORTHOPHOSPHATE	30-APR-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	30-APR-91	0.4	5.7	MG/L	
		SULFATE	30-APR-91	2.0	430	MG/L	
		TOTAL DISSOLVED SOLIDS	30-APR-91	10.0	1400	MG/L	
		TOTAL SUSPENDED SOLIDS	30-APR-91	4.0	38	MG/L	
3787	METALS	ALUMINUM	05-JUN-91	200	33.30	UG/L	B
		ANTIMONY	05-JUN-91	60	19.40	UG/L	B
		ARSENIC	05-JUN-91	10	2.00	UG/L	U
		BARIUM	05-JUN-91	200	138.00	UG/L	B
		BERYLLIUM	05-JUN-91	5	1.00	UG/L	U
		CADMIUM	05-JUN-91	5	2.00	UG/L	U
		CALCIUM	05-JUN-91	5000	117000.00	UG/L	
		CESIUM	05-JUN-91	1000	120.00	UG/L	B
		CHROMIUM	05-JUN-91	10	3.60	UG/L	B
		COBALT	05-JUN-91	50	3.00	UG/L	U
		COPPER	05-JUN-91	25	20.50	UG/L	B
		IRON	05-JUN-91	100	16.90	UG/L	B
		LEAD	05-JUN-91	3	1.00	UG/L	U
		LITHIUM	05-JUN-91	100	15.50	UG/L	B
		MAGNESIUM	05-JUN-91	5000	40100.00	UG/L	
		MANGANESE	05-JUN-91	15	11.70	UG/L	B
		MERCURY	05-JUN-91	0	0.20	UG/L	U
		MOLYBDENUM	05-JUN-91	200	10.30	UG/L	B
		NICKEL	05-JUN-91	40	39.20	UG/L	B
		POTASSIUM	05-JUN-91	5000	1720.00	UG/L	BE
		SELENIUM	05-JUN-91	5	2.90	UG/L	BS
		SILVER	05-JUN-91	10	2.00	UG/L	U
		SODIUM	05-JUN-91	5000	203000.00	UG/L	
		STRONTIUM	05-JUN-91	200	1090.00	UG/L	
		THALLIUM	05-JUN-91	10	1.00	UG/L	UN
		TIN	05-JUN-91	200	10.90	UG/L	B
		VANADIUM	05-JUN-91	50	2.00	UG/L	U
		ZINC	05-JUN-91	20	77.70	UG/L	
		ALUMINUM	20-JUN-91	200	54.70	UG/L	B
		ANTIMONY	20-JUN-91	60	50.80	UG/L	B
		ARSENIC	20-JUN-91	10	2.00	UG/L	UW
		BARIUM	20-JUN-91	200	119.00	UG/L	BE
		BERYLLIUM	20-JUN-91	5	1.00	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		CADMIUM	20-JUN-91	5	2.00	UG/L	U
		CALCIUM	20-JUN-91	5000	101000.00	UG/L	
		CESIUM	20-JUN-91	1000	112.00	UG/L	U
		CHROMIUM	20-JUN-91	10	15.70	UG/L	
		COBALT	20-JUN-91	50	3.00	UG/L	U
		COPPER	20-JUN-91	25	30.40	UG/L	
		CYANIDE	20-JUN-91	10	2.50	UG/L	U
		IRON	20-JUN-91	100	16.80	UG/L	B
		LEAD	20-JUN-91	3	1.00	UG/L	U
		LITHIUM	20-JUN-91	100	19.30	UG/L	B
		MAGNESIUM	20-JUN-91	5000	30800.00	UG/L	
		MANGANESE	20-JUN-91	15	8.70	UG/L	B
		MERCURY	20-JUN-91	0	0.20	UG/L	U
		MOLYBDENUM	20-JUN-91	200	15.30	UG/L	B
		NICKEL	20-JUN-91	40	39.80	UG/L	B
		POTASSIUM	20-JUN-91	5000	1970.00	UG/L	B
		SELENIUM	20-JUN-91	5	5.70	UG/L	S
		SILVER	20-JUN-91	10	2.00	UG/L	U
		SODIUM	20-JUN-91	5000	196000.00	UG/L	
		STRONTIUM	20-JUN-91	200	881.00	UG/L	
		THALLIUM	20-JUN-91	10	1.00	UG/L	U
		TIN	20-JUN-91	200	26.10	UG/L	B
		VANADIUM	20-JUN-91	50	6.30	UG/L	B
		ZINC	20-JUN-91	20	9.50	UG/L	B
3787	RADS	GROSS ALPHA - DISSOLVED	31-JUL-91	2	11.52	PCI/L	
		GROSS BETA - DISSOLVED	31-JUL-91	4	8.057	PCI/L	
		TRITIUM	31-JUL-91	400	736.6	PCI/L	
		URANIUM-233,-234	31-JUL-91	.6	9.217	PCI/L	
		URANIUM-235	31-JUL-91	.6	.4352	PCI/L	J
		URANIUM-238	31-JUL-91	.6	6.956	PCI/L	
3787	VOA	1,1,1-TRICHLOROETHANE	05-JUN-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	05-JUN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	05-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	05-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	05-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	05-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	05-JUN-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	05-JUN-91	5	5	UG/L	U
		2-BUTANONE	05-JUN-91	10	10	UG/L	U
		2-HEXANONE	05-JUN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	05-JUN-91	10	10	UG/L	U
		ACETONE	05-JUN-91	10	10	UG/L	U
		BENZENE	05-JUN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	05-JUN-91	5	5	UG/L	U
		BROMOFORM	05-JUN-91	5	5	UG/L	U
		BROMOMETHANE	05-JUN-91	10	10	UG/L	U
		CARBON DISULFIDE	05-JUN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	05-JUN-91	5	5	UG/L	U
		CHLOROBENZENE	05-JUN-91	5	5	UG/L	U
		CHLOROETHANE	05-JUN-91	10	10	UG/L	U
		CHLOROFORM	05-JUN-91	5	5	UG/L	U
		CHLOROMETHANE	05-JUN-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	05-JUN-91	5	5	UG/L	U
		ETHYLBENZENE	05-JUN-91	5	5	UG/L	U
		METHYLENE CHLORIDE	05-JUN-91	5	1	UG/L	BJ
		STYRENE	05-JUN-91	5	5	UG/L	U
		TETRACHLOROETHENE	05-JUN-91	5	5	UG/L	U
		TOLUENE	05-JUN-91	5	5	UG/L	U
		TOTAL XYLENES	05-JUN-91	5	5	UG/L	U
		TRICHLOROETHENE	05-JUN-91	5	5	UG/L	U
		VINYL ACETATE	05-JUN-91	10	10	UG/L	U
		VINYL CHLORIDE	05-JUN-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	05-JUN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	05-JUN-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	10-OCT-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	10-OCT-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	10-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	10-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	10-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	10-OCT-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		1,2-DICHLOROETHENE	10-OCT-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	10-OCT-91	5	5	UG/L	U
		2-BUTANONE	10-OCT-91	10	10	UG/L	U
		2-HEXANONE	10-OCT-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	10-OCT-91	10	10	UG/L	U
		ACETONE	10-OCT-91	10	10	UG/L	U
		BENZENE	10-OCT-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	10-OCT-91	5	5	UG/L	U
		BROMOFORM	10-OCT-91	5	5	UG/L	U
		BROMOMETHANE	10-OCT-91	10	10	UG/L	U
		CARBON DISULFIDE	10-OCT-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	10-OCT-91	5	5	UG/L	U
		CHLOROBENZENE	10-OCT-91	5	5	UG/L	U
		CHLOROETHANE	10-OCT-91	10	10	UG/L	U
		CHLOROFORM	10-OCT-91	5	5	UG/L	U
		CHLOROMETHANE	10-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	10-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	10-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	10-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	10-OCT-91	5	5	UG/L	U
		STYRENE	10-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	10-OCT-91	5	2	UG/L	J
		TOLUENE	10-OCT-91	5	5	UG/L	U
		TOTAL XYLENES	10-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	10-OCT-91	5	5	UG/L	U
		VINYL ACETATE	10-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	10-OCT-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	10-OCT-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	10-OCT-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	20-JUN-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	20-JUN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	20-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	20-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	20-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	20-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	20-JUN-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	20-JUN-91	5	5	UG/L	U
		2-BUTANONE	20-JUN-91	10	10	UG/L	U
		2-HEXANONE	20-JUN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	20-JUN-91	10	10	UG/L	U
		ACETONE	20-JUN-91	10	10	UG/L	U
		BENZENE	20-JUN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	20-JUN-91	5	5	UG/L	U
		BROMOFORM	20-JUN-91	5	5	UG/L	U
		BROMOMETHANE	20-JUN-91	10	10	UG/L	U
		CARBON DISULFIDE	20-JUN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	20-JUN-91	5	5	UG/L	U
		CHLOROBENZENE	20-JUN-91	5	5	UG/L	U
		CHLOROETHANE	20-JUN-91	10	10	UG/L	U
		CHLOROFORM	20-JUN-91	5	5	UG/L	U
		CHLOROMETHANE	20-JUN-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	20-JUN-91	5	5	UG/L	U
		ETHYLBENZENE	20-JUN-91	5	5	UG/L	U
		METHYLENE CHLORIDE	20-JUN-91	5	5	UG/L	U
		STYRENE	20-JUN-91	5	5	UG/L	U
		TETRACHLOROETHENE	20-JUN-91	5	2	UG/L	J
		TOLUENE	20-JUN-91	5	5	UG/L	U
		TOTAL XYLENES	20-JUN-91	5	5	UG/L	U
		TRICHLOROETHENE	20-JUN-91	5	5	UG/L	U
		VINYL ACETATE	20-JUN-91	10	10	UG/L	U
		VINYL CHLORIDE	20-JUN-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	20-JUN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	20-JUN-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	31-JUL-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	31-JUL-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	31-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	31-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	31-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	31-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	31-JUL-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		1,2-DICHLOROPROPANE	31-JUL-91	5	5	UG/L	U
		2-BUTANONE	31-JUL-91	10	10	UG/L	U
		2-HEXANONE	31-JUL-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	31-JUL-91	10	10	UG/L	U
		ACETONE	31-JUL-91	10	10	UG/L	U
		BENZENE	31-JUL-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	31-JUL-91	5	5	UG/L	U
		BROMOFORM	31-JUL-91	5	5	UG/L	U
		BROMOMETHANE	31-JUL-91	10	10	UG/L	U
		CARBON DISULFIDE	31-JUL-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	31-JUL-91	5	5	UG/L	U
		CHLOROBENZENE	31-JUL-91	5	5	UG/L	U
		CHLOROETHANE	31-JUL-91	10	10	UG/L	U
		CHLOROFORM	31-JUL-91	5	5	UG/L	U
		CHLOROMETHANE	31-JUL-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	31-JUL-91	5	5	UG/L	U
		ETHYLBENZENE	31-JUL-91	5	5	UG/L	U
		METHYLENE CHLORIDE	31-JUL-91	5	5	UG/L	U
		STYRENE	31-JUL-91	5	5	UG/L	U
		TETRACHLOROETHENE	31-JUL-91	5	5	UG/L	U
		TOLUENE	31-JUL-91	5	5	UG/L	U
		TOTAL XYLENES	31-JUL-91	5	5	UG/L	U
		TRICHLOROETHENE	31-JUL-91	5	5	UG/L	U
		VINYL ACETATE	31-JUL-91	10	10	UG/L	U
		VINYL CHLORIDE	31-JUL-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	31-JUL-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	31-JUL-91	5	5	UG/L	U
3787	WQHP	BICARBONATE AS CACO3	05-JUN-91	1.0	360	MG/L	
		CARBONATE AS CACO3	05-JUN-91	1.0	1	MG/L	U
		CHLORIDE	05-JUN-91	0.2	18	MG/L	
		FLUORIDE	05-JUN-91	0.1	1.6	MG/L	
		NITRATE/NITRITE	05-JUN-91	0.02	45	MG/L	
		SILICA, DISSOLVED	05-JUN-91	0.4	6.9	MG/L	
		SULFATE	05-JUN-91	2.0	130	MG/L	
		TOTAL DISSOLVED SOLIDS	05-JUN-91	10.0	1100	MG/L	
		TOTAL SUSPENDED SOLIDS	05-JUN-91	4.0	240	MG/L	
		BICARBONATE AS CACO3	20-JUN-91	1.0	390	MG/L	
		CARBONATE AS CACO3	20-JUN-91	1.0	1	MG/L	U
		CHLORIDE	20-JUN-91	0.2	18	MG/L	
		FLUORIDE	20-JUN-91	0.1	1.6	MG/L	
		NITRATE/NITRITE	20-JUN-91	0.02	94	MG/L	
		ORTHOPHOSPHATE	20-JUN-91	0.01	0.02	MG/L	
		SILICA, DISSOLVED	20-JUN-91	0.4	11	MG/L	
		SULFATE	20-JUN-91	2.0	130	MG/L	
		TOTAL DISSOLVED SOLIDS	20-JUN-91	10.0	1100	MG/L	
		TOTAL SUSPENDED SOLIDS	20-JUN-91	4.0	350	MG/L	
		BICARBONATE AS CACO3	31-JUL-91	1.0	370	MG/L	
		CARBONATE AS CACO3	31-JUL-91	1.0	1	MG/L	U
		CHLORIDE	31-JUL-91	0.2	18	MG/L	
		FLUORIDE	31-JUL-91	0.1	1.9	MG/L	
		NITRATE/NITRITE	31-JUL-91	0.02	85	MG/L	
		ORTHOPHOSPHATE	31-JUL-91	0.01	0.04	MG/L	
		SILICA, DISSOLVED	31-JUL-91	0.4	7.6	MG/L	
		SULFATE	31-JUL-91	2.0	140	MG/L	
		TOTAL DISSOLVED SOLIDS	31-JUL-91	10.0	1100	MG/L	
		TOTAL SUSPENDED SOLIDS	31-JUL-91	4.0	130	MG/L	
3887	RADS	TRITIUM	25-APR-91	400	500.2	PCI/L	
		TRITIUM	31-JUL-91	400	389.1	PCI/L	J
3887	VOA	1,1,1-TRICHLOROETHANE	05-JUN-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	05-JUN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	05-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	05-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	05-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	05-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	05-JUN-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	05-JUN-91	5	5	UG/L	U
		2-BUTANONE	05-JUN-91	10	10	UG/L	U
		2-HEXANONE	05-JUN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	05-JUN-91	10	10	UG/L	U
		ACETONE	05-JUN-91	10	10	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		BENZENE	05-JUN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	05-JUN-91	5	5	UG/L	U
		BROMOFORM	05-JUN-91	5	5	UG/L	U
		BROMOMETHANE	05-JUN-91	10	10	UG/L	U
		CARBON DISULFIDE	05-JUN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	05-JUN-91	5	5	UG/L	U
		CHLOROBENZENE	05-JUN-91	5	5	UG/L	U
		CHLOROETHANE	05-JUN-91	10	10	UG/L	U
		CHLOROFORM	05-JUN-91	5	5	UG/L	U
		CHLOROMETHANE	05-JUN-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	05-JUN-91	5	5	UG/L	U
		ETHYLBENZENE	05-JUN-91	5	5	UG/L	U
		METHYLENE CHLORIDE	05-JUN-91	5	1	UG/L	BJ
		STYRENE	05-JUN-91	5	5	UG/L	U
		TETRACHLOROETHENE	05-JUN-91	5	5	UG/L	U
		TOLUENE	05-JUN-91	5	5	UG/L	U
		TOTAL XYLENES	05-JUN-91	5	5	UG/L	U
		TRICHLOROETHENE	05-JUN-91	5	5	UG/L	U
		VINYL ACETATE	05-JUN-91	10	10	UG/L	U
		VINYL CHLORIDE	05-JUN-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	05-JUN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	05-JUN-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	25-APR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	25-APR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	25-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	25-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	25-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	25-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	25-APR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	25-APR-91	5	5	UG/L	U
		2-BUTANONE	25-APR-91	10	10	UG/L	U
		2-HEXANONE	25-APR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	25-APR-91	10	10	UG/L	U
		ACETONE	25-APR-91	10	10	UG/L	U
		BENZENE	25-APR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	25-APR-91	5	5	UG/L	U
		BROMOFORM	25-APR-91	5	5	UG/L	U
		BROMOMETHANE	25-APR-91	10	10	UG/L	U
		CARBON DISULFIDE	25-APR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	25-APR-91	5	5	UG/L	U
		CHLOROBENZENE	25-APR-91	5	5	UG/L	U
		CHLOROETHANE	25-APR-91	10	10	UG/L	U
		CHLOROFORM	25-APR-91	5	5	UG/L	U
		CHLOROMETHANE	25-APR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	25-APR-91	5	5	UG/L	U
		ETHYLBENZENE	25-APR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	25-APR-91	5	5	UG/L	U
		STYRENE	25-APR-91	5	5	UG/L	U
		TETRACHLOROETHENE	25-APR-91	5	5	UG/L	U
		TOLUENE	25-APR-91	5	5	UG/L	U
		TOTAL XYLENES	25-APR-91	5	5	UG/L	U
		TRICHLOROETHENE	25-APR-91	5	5	UG/L	U
		VINYL ACETATE	25-APR-91	10	10	UG/L	U
		VINYL CHLORIDE	25-APR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	25-APR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	25-APR-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	31-JUL-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	31-JUL-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	31-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	31-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	31-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	31-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	31-JUL-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	31-JUL-91	5	5	UG/L	U
		2-BUTANONE	31-JUL-91	10	10	UG/L	U
		2-HEXANONE	31-JUL-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	31-JUL-91	10	10	UG/L	U
		ACETONE	31-JUL-91	10	10	UG/L	U
		BENZENE	31-JUL-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	31-JUL-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		BROMOFORM	31-JUL-91	5	5	UG/L	U
		BROMOMETHANE	31-JUL-91	10	10	UG/L	U
		CARBON DISULFIDE	31-JUL-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	31-JUL-91	5	5	UG/L	U
		CHLOROBENZENE	31-JUL-91	5	5	UG/L	U
		CHLOROETHANE	31-JUL-91	10	10	UG/L	U
		CHLOROFORM	31-JUL-91	5	5	UG/L	U
		CHLOROMETHANE	31-JUL-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	31-JUL-91	5	5	UG/L	U
		ETHYLBENZENE	31-JUL-91	5	5	UG/L	U
		METHYLENE CHLORIDE	31-JUL-91	5	5	UG/L	U
		STYRENE	31-JUL-91	5	5	UG/L	U
		TETRACHLOROETHENE	31-JUL-91	5	5	UG/L	U
		TOLUENE	31-JUL-91	5	5	UG/L	U
		TOTAL XYLENES	31-JUL-91	5	5	UG/L	U
		TRICHLOROETHENE	31-JUL-91	5	5	UG/L	U
		VINYL ACETATE	31-JUL-91	10	10	UG/L	U
		VINYL CHLORIDE	31-JUL-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	31-JUL-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	31-JUL-91	5	5	UG/L	U
3887	WQHP	BICARBONATE AS CACO3	05-JUN-91	1.0	610	MG/L	
		CARBONATE AS CACO3	05-JUN-91	1.0	1	MG/L	U
		CHLORIDE	05-JUN-91	0.2	130	MG/L	
		FLUORIDE	05-JUN-91	0.1	3.0	MG/L	
		NITRATE/NITRITE	05-JUN-91	0.02	37	MG/L	
		SILICA, DISSOLVED	05-JUN-91	0.4	4.5	MG/L	
		SULFATE	05-JUN-91	2.0	250	MG/L	
		TOTAL DISSOLVED SOLIDS	05-JUN-91	10.0	1500	MG/L	
		TOTAL SUSPENDED SOLIDS	05-JUN-91	4.0	320	MG/L	
		NITRATE/NITRITE	25-APR-91	0.02	33	MG/L	
		BICARBONATE AS CACO3	31-JUL-91	1.0	670	MG/L	
		CARBONATE AS CACO3	31-JUL-91	1.0	1	MG/L	U
		CHLORIDE	31-JUL-91	0.2	110	MG/L	
		FLUORIDE	31-JUL-91	0.1	3.0	MG/L	
		NITRATE/NITRITE	31-JUL-91	0.02	48	MG/L	
		ORTHOPHOSPHATE	31-JUL-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	31-JUL-91	0.4	5.2	MG/L	
		SULFATE	31-JUL-91	2.0	320	MG/L	
		TOTAL DISSOLVED SOLIDS	31-JUL-91	10.0	1500	MG/L	
		TOTAL SUSPENDED SOLIDS	31-JUL-91	4.0	350	MG/L	
5687	RADS	TRITIUM	09-JAN-91	400	1164	PCI/L	
5687	VOA	1,1,1-TRICHLOROETHANE	04-OCT-91	5	6	UG/L	
		1,1,2,2-TETRACHLOROETHANE	04-OCT-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	04-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	04-OCT-91	5	10	UG/L	
		1,1-DICHLOROETHENE	04-OCT-91	5	6	UG/L	
		1,2-DICHLOROETHANE	04-OCT-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	04-OCT-91	5	5	UG/L	U
		2-BUTANONE	04-OCT-91	10	10	UG/L	U
		2-HEXANONE	04-OCT-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	04-OCT-91	10	10	UG/L	U
		ACETONE	04-OCT-91	10	10	UG/L	U
		BENZENE	04-OCT-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	04-OCT-91	5	5	UG/L	U
		BROMOFORM	04-OCT-91	5	5	UG/L	U
		BROMOMETHANE	04-OCT-91	10	10	UG/L	U
		CARBON DISULFIDE	04-OCT-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	04-OCT-91	5	5	UG/L	U
		CHLOROBENZENE	04-OCT-91	5	5	UG/L	U
		CHLOROETHANE	04-OCT-91	10	10	UG/L	U
		CHLOROFORM	04-OCT-91	5	5	UG/L	
		CHLOROMETHANE	04-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	04-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	04-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	04-OCT-91	5	5	UG/L	U
		STYRENE	04-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	04-OCT-91	5	4	UG/L	J
		TOLUENE	04-OCT-91	5	5	UG/L	U
		TOTAL XYLENES	04-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	04-OCT-91	5	70	UG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		VINYL ACETATE	04-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	04-OCT-91	10	3	UG/L	J
		cis-1,3-DICHLOROPROPENE	04-OCT-91	5	5	UG/L	U
		trans-1,2-DICHLOROETHENE	04-OCT-91	5	14	UG/L	
		trans-1,3-DICHLOROPROPENE	04-OCT-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	09-JAN-91	5	4	UG/L	J
		1,1,2,2-TETRACHLOROETHANE	09-JAN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	09-JAN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	09-JAN-91	5	8	UG/L	
		1,1-DICHLOROETHENE	09-JAN-91	5	6	UG/L	
		1,2-DICHLOROETHANE	09-JAN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	09-JAN-91	5	18	UG/L	
		1,2-DICHLOROPROPANE	09-JAN-91	5	1	UG/L	J
		2-BUTANONE	09-JAN-91	10	10	UG/L	U
		2-HEXANONE	09-JAN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	09-JAN-91	10	10	UG/L	U
		ACETONE	09-JAN-91	10	7	UG/L	BJ
		BENZENE	09-JAN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	09-JAN-91	5	5	UG/L	U
		BROMOFORM	09-JAN-91	5	5	UG/L	U
		BROMOMETHANE	09-JAN-91	10	10	UG/L	U
		CARBON DISULFIDE	09-JAN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	09-JAN-91	5	5	UG/L	U
		CHLOROBENZENE	09-JAN-91	5	5	UG/L	U
		CHLOROETHANE	09-JAN-91	10	10	UG/L	U
		CHLOROFORM	09-JAN-91	5	4	UG/L	J
		CHLOROMETHANE	09-JAN-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	09-JAN-91	5	5	UG/L	U
		ETHYLBENZENE	09-JAN-91	5	5	UG/L	U
		METHYLENE CHLORIDE	09-JAN-91	5	5	UG/L	U
		STYRENE	09-JAN-91	5	5	UG/L	U
		TETRACHLOROETHENE	09-JAN-91	5	4	UG/L	J
		TOLUENE	09-JAN-91	5	5	UG/L	U
		TOTAL XYLENES	09-JAN-91	5	5	UG/L	U
		TRICHLOROETHENE	09-JAN-91	5	68	UG/L	
		VINYL ACETATE	09-JAN-91	10	10	UG/L	U
		VINYL CHLORIDE	09-JAN-91	10	2	UG/L	J
		cis-1,3-DICHLOROPROPENE	09-JAN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	09-JAN-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	30-MAY-91	5	5	UG/L	
		1,1,2,2-TETRACHLOROETHANE	30-MAY-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	30-MAY-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	30-MAY-91	5	10	UG/L	
		1,1-DICHLOROETHENE	30-MAY-91	5	6	UG/L	
		1,2-DICHLOROETHANE	30-MAY-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	30-MAY-91	5	15	UG/L	
		1,2-DICHLOROPROPANE	30-MAY-91	5	5	UG/L	U
		2-BUTANONE	30-MAY-91	10	10	UG/L	U
		2-HEXANONE	30-MAY-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	30-MAY-91	10	10	UG/L	U
		ACETONE	30-MAY-91	10	10	UG/L	U
		BENZENE	30-MAY-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	30-MAY-91	5	5	UG/L	U
		BROMOFORM	30-MAY-91	5	5	UG/L	U
		BROMOMETHANE	30-MAY-91	10	10	UG/L	U
		CARBON DISULFIDE	30-MAY-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	30-MAY-91	5	5	UG/L	U
		CHLOROBENZENE	30-MAY-91	5	5	UG/L	U
		CHLOROETHANE	30-MAY-91	10	10	UG/L	U
		CHLOROFORM	30-MAY-91	5	5	UG/L	
		CHLOROMETHANE	30-MAY-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	30-MAY-91	5	5	UG/L	U
		ETHYLBENZENE	30-MAY-91	5	5	UG/L	U
		METHYLENE CHLORIDE	30-MAY-91	5	5	UG/L	U
		STYRENE	30-MAY-91	5	5	UG/L	U
		TETRACHLOROETHENE	30-MAY-91	5	3	UG/L	J
		TOLUENE	30-MAY-91	5	5	UG/L	U
		TOTAL XYLENES	30-MAY-91	5	5	UG/L	U
		TRICHLOROETHENE	30-MAY-91	5	71	UG/L	
		VINYL ACETATE	30-MAY-91	10	10	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		VINYL CHLORIDE	30-MAY-91	10	3	UG/L	J
		cis-1,3-DICHLOROPROPENE	30-MAY-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	30-MAY-91	5	5	UG/L	U
5687	WQHP	BICARBONATE AS CACO3	04-OCT-91	1.0	390	MG/L	
		CARBONATE AS CACO3	04-OCT-91	1.0	1	MG/L	U
		CHLORIDE	04-OCT-91	0.2	55	MG/L	
		FLUORIDE	04-OCT-91	0.1	0.6	MG/L	
		NITRATE/NITRITE	04-OCT-91	0.02	87	MG/L	
		SILICA, DISSOLVED	04-OCT-91	0.4	10	MG/L	
		SULFATE	04-OCT-91	2.0	240	MG/L	
		TOTAL DISSOLVED SOLIDS	04-OCT-91	10.0	1400	MG/L	
		TOTAL SUSPENDED SOLIDS	04-OCT-91	4.0	140	MG/L	
		NITRATE/NITRITE	09-JAN-91	0.02	95	MG/L	
		BICARBONATE AS CACO3	30-MAY-91	1.0	340	MG/L	
		CARBONATE AS CACO3	30-MAY-91	1.0	1	MG/L	U
		CHLORIDE	30-MAY-91	0.2	43	MG/L	
		FLUORIDE	30-MAY-91	0.1	0.7	MG/L	
		NITRATE/NITRITE	30-MAY-91	0.02	90	MG/L	
		ORTHOPHOSPHATE	30-MAY-91	0.01	0.01	MG/L	
		SILICA, DISSOLVED	30-MAY-91	0.4	7.6	MG/L	
		SULFATE	30-MAY-91	2.0	160	MG/L	
		TOTAL DISSOLVED SOLIDS	30-MAY-91	10.0	1200	MG/L	
		TOTAL SUSPENDED SOLIDS	30-MAY-91	4.0	92	MG/L	
B208089	METALS	ALUMINUM	08-OCT-91	200	1940.00	UG/L	N
		ALUMINUM	08-OCT-91	200	42.20	UG/L	B
		ANTIMONY	08-OCT-91	60	53.10	UG/L	B
		ANTIMONY	08-OCT-91	60	31.60	UG/L	B
		ARSENIC	08-OCT-91	10	2.00	UG/L	U
		ARSENIC	08-OCT-91	10	3.00	UG/L	B
		BARIUM	08-OCT-91	200	35.90	UG/L	B
		BARIUM	08-OCT-91	200	119.00	UG/L	BE
		BERYLLIUM	08-OCT-91	5	1.00	UG/L	U
		BERYLLIUM	08-OCT-91	5	1.00	UG/L	U
		CADMIUM	08-OCT-91	5	3.70	UG/L	B
		CADMIUM	08-OCT-91	5	2.30	UG/L	B
		CALCIUM	08-OCT-91	5000	143000.00	UG/L	
		CALCIUM	08-OCT-91	5000	98000.00	UG/L	
		CESIUM	08-OCT-91	1000	51.00	UG/L	U
		CESIUM	08-OCT-91	1000	51.00	UG/L	U
		CHROMIUM	08-OCT-91	10	41.00	UG/L	
		CHROMIUM	08-OCT-91	10	8.00	UG/L	B
		COBALT	08-OCT-91	50	3.00	UG/L	U
		COBALT	08-OCT-91	50	3.00	UG/L	U
		COPPER	08-OCT-91	25	16.90	UG/L	B
		COPPER	08-OCT-91	25	4.00	UG/L	B
		IRON	08-OCT-91	100	19.30	UG/L	B
		IRON	08-OCT-91	100	2920.00	UG/L	
		LEAD	08-OCT-91	3	1.00	UG/L	UW
		LEAD	08-OCT-91	3	3.80	UG/L	S
		LITHIUM	08-OCT-91	100	118.00	UG/L	
		LITHIUM	08-OCT-91	100	10.70	UG/L	B
		MAGNESIUM	08-OCT-91	5000	25900.00	UG/L	
		MAGNESIUM	08-OCT-91	5000	44300.00	UG/L	
		MANGANESE	08-OCT-91	15	830.00	UG/L	
		MANGANESE	08-OCT-91	15	123.00	UG/L	
		MERCURY	08-OCT-91	0	0.20	UG/L	U
		MERCURY	08-OCT-91	0	0.20	UG/L	U
		MOLYBDENUM	08-OCT-91	200	3.10	UG/L	B
		MOLYBDENUM	08-OCT-91	200	9.30	UG/L	B
		NICKEL	08-OCT-91	40	17.00	UG/L	U
		NICKEL	08-OCT-91	40	23.30	UG/L	B
		POTASSIUM	08-OCT-91	5000	1280.00	UG/L	B
		POTASSIUM	08-OCT-91	5000	6910.00	UG/L	E
		SELENIUM	08-OCT-91	5	2.00	UG/L	U
		SELENIUM	08-OCT-91	5	2.00	UG/L	UW
		SILVER	08-OCT-91	10	2.00	UG/L	U
		SILVER	08-OCT-91	10	2.40	UG/L	B
		SODIUM	08-OCT-91	5000	76300.00	UG/L	
		SODIUM	08-OCT-91	5000	253000.00	UG/L	
		STRONTIUM	08-OCT-91	200	528.00	UG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		STRONTIUM	08-OCT-91	200	1960.00	UG/L	
		THALLIUM	08-OCT-91	10	1.00	UG/L	UW
		THALLIUM	08-OCT-91	10	1.00	UG/L	UW
		TIN	08-OCT-91	200	17.00	UG/L	U
		TIN	08-OCT-91	200	19.40	UG/L	B
		VANADIUM	08-OCT-91	50	4.20	UG/L	B
		VANADIUM	08-OCT-91	50	12.70	UG/L	B
		ZINC	08-OCT-91	20	8.80	UG/L	B
		ZINC	08-OCT-91	20	52.30	UG/L	E
		ALUMINUM	10-JUL-91	200	37.20	UG/L	B*
		ANTIMONY	10-JUL-91	60	24.00	UG/L	BN
		ARSENIC	10-JUL-91	10	2.00	UG/L	U
		BARIUM	10-JUL-91	200	92.30	UG/L	BE
		BERYLLIUM	10-JUL-91	5	1.00	UG/L	U
		CADMIUM	10-JUL-91	5	1.00	UG/L	U
		CALCIUM	10-JUL-91	5000	69500.00	UG/L	
		CESIUM	10-JUL-91	1000	112.00	UG/L	U
		CHROMIUM	10-JUL-91	10	6.40	UG/L	B
		COBALT	10-JUL-91	50	2.00	UG/L	U
		COPPER	10-JUL-91	25	3.00	UG/L	U
		IRON	10-JUL-91	100	18.20	UG/L	B
		LEAD	10-JUL-91	3	1.00	UG/L	U
		LITHIUM	10-JUL-91	100	8.60	UG/L	B
		MAGNESIUM	10-JUL-91	5000	18400.00	UG/L	
		MANGANESE	10-JUL-91	15	298.00	UG/L	
		MERCURY	10-JUL-91	0	0.20	UG/L	U
		MOLYBDENUM	10-JUL-91	200	3.00	UG/L	U
		NICKEL	10-JUL-91	40	3.00	UG/L	U
		POTASSIUM	10-JUL-91	5000	1420.00	UG/L	B
		SELENIUM	10-JUL-91	5	1.00	UG/L	U
		SILVER	10-JUL-91	10	2.00	UG/L	U
		SODIUM	10-JUL-91	5000	65200.00	UG/L	
		STRONTIUM	10-JUL-91	200	371.00	UG/L	
		THALLIUM	10-JUL-91	10	2.00	UG/L	U
		TIN	10-JUL-91	200	23.90	UG/L	B
		VANADIUM	10-JUL-91	50	2.70	UG/L	B
		ZINC	10-JUL-91	20	7.00	UG/L	B
B208089	VOA	1,1,1-TRICHLOROETHANE	08-OCT-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	08-OCT-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	08-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	08-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	08-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	08-OCT-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	08-OCT-91	5	5	UG/L	U
		2-BUTANONE	08-OCT-91	10	10	UG/L	U
		2-HEXANONE	08-OCT-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	08-OCT-91	10	10	UG/L	U
		ACETONE	08-OCT-91	10	10	UG/L	U
		BENZENE	08-OCT-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	08-OCT-91	5	5	UG/L	U
		BROMOFORM	08-OCT-91	5	5	UG/L	U
		BROMOMETHANE	08-OCT-91	10	10	UG/L	U
		CARBON DISULFIDE	08-OCT-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	08-OCT-91	5	5	UG/L	U
		CHLOROBENZENE	08-OCT-91	5	5	UG/L	U
		CHLOROETHANE	08-OCT-91	10	10	UG/L	U
		CHLOROFORM	08-OCT-91	5	5	UG/L	U
		CHLOROMETHANE	08-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	08-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	08-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	08-OCT-91	5	5	UG/L	U
		STYRENE	08-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	08-OCT-91	5	5	UG/L	U
		TOLUENE	08-OCT-91	5	5	UG/L	U
		TOTAL XYLENES	08-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	08-OCT-91	5	5	UG/L	U
		VINYL ACETATE	08-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	08-OCT-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	08-OCT-91	5	5	UG/L	U
		trans-1,2-DICHLOROETHENE	08-OCT-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		trans-1,3-DICHLOROPROPENE	08-OCT-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	10-JUL-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	10-JUL-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	10-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	10-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	10-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	10-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	10-JUL-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	10-JUL-91	5	5	UG/L	U
		2-BUTANONE	10-JUL-91	10	10	UG/L	U
		2-HEXANONE	10-JUL-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	10-JUL-91	10	10	UG/L	U
		ACETONE	10-JUL-91	10	10	UG/L	U
		BENZENE	10-JUL-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	10-JUL-91	5	5	UG/L	U
		BROMOFORM	10-JUL-91	5	5	UG/L	U
		BROMOMETHANE	10-JUL-91	10	10	UG/L	U
		CARBON DISULFIDE	10-JUL-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	10-JUL-91	5	5	UG/L	U
		CHLOROBENZENE	10-JUL-91	5	5	UG/L	U
		CHLOROETHANE	10-JUL-91	10	10	UG/L	U
		CHLOROFORM	10-JUL-91	5	5	UG/L	U
		CHLOROMETHANE	10-JUL-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	10-JUL-91	5	5	UG/L	U
		ETHYLBENZENE	10-JUL-91	5	5	UG/L	U
		METHYLENE CHLORIDE	10-JUL-91	5	5	UG/L	U
		STYRENE	10-JUL-91	5	5	UG/L	U
		TETRACHLOROETHENE	10-JUL-91	5	5	UG/L	U
		TOLUENE	10-JUL-91	5	5	UG/L	U
		TOTAL XYLENES	10-JUL-91	5	5	UG/L	U
		TRICHLOROETHENE	10-JUL-91	5	5	UG/L	U
		VINYL ACETATE	10-JUL-91	10	10	UG/L	U
		VINYL CHLORIDE	10-JUL-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	10-JUL-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	10-JUL-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	15-MAR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	15-MAR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	15-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	15-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	15-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	15-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	15-MAR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	15-MAR-91	5	5	UG/L	U
		2-BUTANONE	15-MAR-91	10	10	UG/L	U
		2-HEXANONE	15-MAR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	15-MAR-91	10	10	UG/L	U
		ACETONE	15-MAR-91	10	23	UG/L	B
		BENZENE	15-MAR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	15-MAR-91	5	5	UG/L	U
		BROMOFORM	15-MAR-91	5	5	UG/L	U
		BROMOMETHANE	15-MAR-91	10	10	UG/L	U
		CARBON DISULFIDE	15-MAR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	15-MAR-91	5	5	UG/L	U
		CHLOROBENZENE	15-MAR-91	5	5	UG/L	U
		CHLOROETHANE	15-MAR-91	10	10	UG/L	U
		CHLOROFORM	15-MAR-91	5	5	UG/L	U
		CHLOROMETHANE	15-MAR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	15-MAR-91	5	5	UG/L	U
		ETHYLBENZENE	15-MAR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	15-MAR-91	5	5	UG/L	U
		STYRENE	15-MAR-91	5	5	UG/L	U
		TETRACHLOROETHENE	15-MAR-91	5	5	UG/L	U
		TOLUENE	15-MAR-91	5	5	UG/L	U
		TOTAL XYLENES	15-MAR-91	5	5	UG/L	U
		TRICHLOROETHENE	15-MAR-91	5	5	UG/L	U
		VINYL ACETATE	15-MAR-91	10	10	UG/L	U
		VINYL CHLORIDE	15-MAR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	15-MAR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	15-MAR-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	23-APR-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

ll ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		1,1,2,2-TETRACHLOROETHANE	23-APR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	23-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	23-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	23-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	23-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	23-APR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	23-APR-91	5	5	UG/L	U
		2-BUTANONE	23-APR-91	10	10	UG/L	U
		2-HEXANONE	23-APR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	23-APR-91	10	10	UG/L	U
		ACETONE	23-APR-91	10	10	UG/L	U
		BENZENE	23-APR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	23-APR-91	5	5	UG/L	U
		BROMOFORM	23-APR-91	5	5	UG/L	U
		BROMOMETHANE	23-APR-91	10	10	UG/L	U
		CARBON DISULFIDE	23-APR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	23-APR-91	5	5	UG/L	U
		CHLOROBENZENE	23-APR-91	5	5	UG/L	U
		CHLOROETHANE	23-APR-91	10	10	UG/L	U
		CHLOROFORM	23-APR-91	5	5	UG/L	U
		CHLOROMETHANE	23-APR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	23-APR-91	5	5	UG/L	U
		ETHYLBENZENE	23-APR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	23-APR-91	5	5	UG/L	U
		STYRENE	23-APR-91	5	5	UG/L	U
		TETRACHLOROETHENE	23-APR-91	5	5	UG/L	U
		TOLUENE	23-APR-91	5	5	UG/L	U
		TOTAL XYLENES	23-APR-91	5	5	UG/L	U
		TRICHLOROETHENE	23-APR-91	5	5	UG/L	U
		VINYL ACETATE	23-APR-91	10	10	UG/L	U
		VINYL CHLORIDE	23-APR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	23-APR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	23-APR-91	5	5	UG/L	U
B208089	WQHP	BICARBONATE AS CACO3	08-OCT-91	1.0	450	MG/L	
		CARBONATE AS CACO3	08-OCT-91	1.0	1	MG/L	U
		CHLORIDE	08-OCT-91	0.2	24	MG/L	
		FLUORIDE	08-OCT-91	0.1	1.3	MG/L	
		NITRATE/NITRITE	08-OCT-91	0.02	0.4	MG/L	
		ORTHOPHOSPHATE	08-OCT-91	0.01	0.02	MG/L	
		SILICA, DISSOLVED	08-OCT-91	0.4	7.3	MG/L	
		SULFATE	08-OCT-91	2.0	25	MG/L	
		TOTAL DISSOLVED SOLIDS	08-OCT-91	10.0	550	MG/L	
		TOTAL SUSPENDED SOLIDS	08-OCT-91	4.0	21	MG/L	
		BICARBONATE AS CACO3	10-JUL-91	1.0	320	MG/L	
		CARBONATE AS CACO3	10-JUL-91	1.0	0	MG/L	
		CHLORIDE	10-JUL-91	0.2	460	MG/L	
		FLUORIDE	10-JUL-91	0.1	1.2	MG/L	
		NITRATE/NITRITE	10-JUL-91	0.02	0.3	MG/L	
		ORTHOPHOSPHATE	10-JUL-91	0.01	0.09	MG/L	
		SILICA, DISSOLVED	10-JUL-91	0.4	6.2	MG/L	
		SULFATE	10-JUL-91	2.0	23	MG/L	
		TOTAL DISSOLVED SOLIDS	10-JUL-91	10.0	700	MG/L	
		TOTAL SUSPENDED SOLIDS	10-JUL-91	4.0	6	MG/L	
		ORTHOPHOSPHATE	15-MAR-91	0.01	0.01	MG/L	U
B208589	METALS	ALUMINUM	19-APR-91	200	124.00	UG/L	B
		ANTIMONY	19-APR-91	60	6.00	UG/L	U
		ARSENIC	19-APR-91	10	2.00	UG/L	U
		BARIUM	19-APR-91	200	33.90	UG/L	B
		BERYLLIUM	19-APR-91	5	1.00	UG/L	U
		CADMIUM	19-APR-91	5	2.00	UG/L	U
		CALCIUM	19-APR-91	5000	466000.00	UG/L	
		CESIUM	19-APR-91	1000	112.00	UG/L	U
		CHROMIUM	19-APR-91	10	3.00	UG/L	U
		COBALT	19-APR-91	50	3.00	UG/L	U
		COPPER	19-APR-91	25	11.00	UG/L	U
		CYANIDE	19-APR-91	10	11.00	UG/L	
		IRON	19-APR-91	100	14.00	UG/L	B*
		LEAD	19-APR-91	3	1.00	UG/L	U
		LITHIUM	19-APR-91	100	220.00	UG/L	
		MAGNESIUM	19-APR-91	5000	146000.00	UG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		MANGANESE	19-APR-91	15	1.00	UG/L	U
		MERCURY	19-APR-91	0	0.20	UG/L	U
		MOLYBDENUM	19-APR-91	200	6.70	UG/L	B
		NICKEL	19-APR-91	40	3.00	UG/L	U
		POTASSIUM	19-APR-91	5000	2180.00	UG/L	B
		SELENIUM	19-APR-91	5	137.00	UG/L	S
		SILVER	19-APR-91	10	2.00	UG/L	U
		SODIUM	19-APR-91	5000	400000.00	UG/L	
		STRONTIUM	19-APR-91	200	4140.00	UG/L	
		THALLIUM	19-APR-91	10	1.00	UG/L	UN
		TIN	19-APR-91	200	43.70	UG/L	B
		VANADIUM	19-APR-91	50	2.00	UG/L	U
		ZINC	19-APR-91	20	11.80	UG/L	B
		ALUMINUM	22-JAN-91	200	224.00	UG/L	
		ANTIMONY	22-JAN-91	60	98.70	UG/L	
		ARSENIC	22-JAN-91	10	2.00	UG/L	U
		BARIUM	22-JAN-91	200	38.30	UG/L	B
		BERYLLIUM	22-JAN-91	5	1.40	UG/L	B
		CADMIUM	22-JAN-91	5	9.40	UG/L	
		CALCIUM	22-JAN-91	5000	587000.00	UG/L	
		CESIUM	22-JAN-91	1000	76.00	UG/L	U
		CHROMIUM	22-JAN-91	10	72.40	UG/L	
		COBALT	22-JAN-91	50	27.60	UG/L	B
		COPPER	22-JAN-91	25	9.30	UG/L	B
		CYANIDE	22-JAN-91	10	3.50	UG/L	UN
		IRON	22-JAN-91	100	126.00	UG/L	
		LEAD	22-JAN-91	3	1.00	UG/L	UW
		LITHIUM	22-JAN-91	100	191.00	UG/L	
		MAGNESIUM	22-JAN-91	5000	178000.00	UG/L	
		MANGANESE	22-JAN-91	15	5.10	UG/L	B
		MERCURY	22-JAN-91	0	0.20	UG/L	U
		MOLYBDENUM	22-JAN-91	200	50.10	UG/L	
		NICKEL	22-JAN-91	40	46.50	UG/L	
		POTASSIUM	22-JAN-91	5000	2340.00	UG/L	BE
		SELENIUM	22-JAN-91	5	160.00	UG/L	
		SILVER	22-JAN-91	10	10.80	UG/L	
		SODIUM	22-JAN-91	5000	488000.00	UG/L	E
		STRONTIUM	22-JAN-91	200	5300.00	UG/L	
		THALLIUM	22-JAN-91	10	3.00	UG/L	U
		TIN	22-JAN-91	200	154.00	UG/L	
		VANADIUM	22-JAN-91	50	31.20	UG/L	B
		ZINC	22-JAN-91	20	28.40	UG/L	
B208589	RADS	AMERICIUM-241	19-APR-91	.01	.005618	PCI/L	J
		CESIUM-137	19-APR-91	1	.6432	PCI/L	J
		GROSS ALPHA - DISSOLVED	19-APR-91	2	79.51	PCI/L	
		GROSS BETA - DISSOLVED	19-APR-91	4	32.54	PCI/L	
		PLUTONIUM-239/240	19-APR-91	.01	.000484	PCI/L	J
		RADIUM-226	19-APR-91	.5	.2725	PCI/L	J
		STRONTIUM-89,90	19-APR-91	1	.8162	PCI/L	J
		TRITIUM	19-APR-91	400	605.4	PCI/L	
		URANIUM-233,-234	19-APR-91	.6	50.83	PCI/L	
		URANIUM-235	19-APR-91	.6	1.654	PCI/L	
		URANIUM-238	19-APR-91	.6	41.24	PCI/L	
		AMERICIUM-241	22-JAN-91	.01	.008252	PCI/L	J
		GROSS ALPHA - DISSOLVED	22-JAN-91	2	35.84	PCI/L	
		GROSS BETA - DISSOLVED	22-JAN-91	4	23.45	PCI/L	
		PLUTONIUM-238	22-JAN-91	.01	-.000711	PCI/L	J
		PLUTONIUM-239/240	22-JAN-91	.01	.002488	PCI/L	J
		TRITIUM	22-JAN-91	400	839.9	PCI/L	
		URANIUM-233,-234	22-JAN-91	.6	53.51	PCI/L	
		URANIUM-235	22-JAN-91	.6	2.014	PCI/L	
		URANIUM-238	22-JAN-91	.6	41.61	PCI/L	
B208589	VOA	1,1,1-TRICHLOROETHANE	19-APR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	19-APR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	19-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	19-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	19-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	19-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	19-APR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	19-APR-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		2-BUTANONE	19-APR-91	10	6	UG/L	J
		2-HEXANONE	19-APR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	19-APR-91	10	10	UG/L	U
		ACETONE	19-APR-91	10	10	UG/L	U
		BENZENE	19-APR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	19-APR-91	5	5	UG/L	U
		BROMOFORM	19-APR-91	5	5	UG/L	U
		BROMOMETHANE	19-APR-91	10	10	UG/L	U
		CARBON DISULFIDE	19-APR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	19-APR-91	5	5	UG/L	U
		CHLOROBENZENE	19-APR-91	5	5	UG/L	U
		CHLOROETHANE	19-APR-91	10	10	UG/L	U
		CHLOROFORM	19-APR-91	5	5	UG/L	U
		CHLOROMETHANE	19-APR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	19-APR-91	5	5	UG/L	U
		ETHYLBENZENE	19-APR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	19-APR-91	5	5	UG/L	U
		STYRENE	19-APR-91	5	5	UG/L	U
		TETRACHLOROETHENE	19-APR-91	5	5	UG/L	U
		TOLUENE	19-APR-91	5	5	UG/L	U
		TOTAL XYLENES	19-APR-91	5	5	UG/L	U
		TRICHLOROETHENE	19-APR-91	5	5	UG/L	U
		VINYL ACETATE	19-APR-91	10	10	UG/L	U
		VINYL CHLORIDE	19-APR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	19-APR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	19-APR-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	22-JAN-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	22-JAN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	22-JAN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	22-JAN-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	22-JAN-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	22-JAN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	22-JAN-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	22-JAN-91	5	5	UG/L	U
		2-BUTANONE	22-JAN-91	10	10	UG/L	U
		2-HEXANONE	22-JAN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	22-JAN-91	10	10	UG/L	U
		ACETONE	22-JAN-91	10	10	UG/L	U
		BENZENE	22-JAN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	22-JAN-91	5	5	UG/L	U
		BROMOFORM	22-JAN-91	5	5	UG/L	U
		BROMOMETHANE	22-JAN-91	10	10	UG/L	U
		CARBON DISULFIDE	22-JAN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	22-JAN-91	5	5	UG/L	U
		CHLOROBENZENE	22-JAN-91	5	5	UG/L	U
		CHLOROETHANE	22-JAN-91	10	10	UG/L	U
		CHLOROFORM	22-JAN-91	5	5	UG/L	U
		CHLOROMETHANE	22-JAN-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	22-JAN-91	5	5	UG/L	U
		ETHYLBENZENE	22-JAN-91	5	5	UG/L	U
		METHYLENE CHLORIDE	22-JAN-91	5	1	UG/L	BJ
		STYRENE	22-JAN-91	5	5	UG/L	U
		TETRACHLOROETHENE	22-JAN-91	5	5	UG/L	U
		TOLUENE	22-JAN-91	5	5	UG/L	U
		TOTAL XYLENES	22-JAN-91	5	5	UG/L	U
		TRICHLOROETHENE	22-JAN-91	5	5	UG/L	U
		VINYL ACETATE	22-JAN-91	10	10	UG/L	U
		VINYL CHLORIDE	22-JAN-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	22-JAN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	22-JAN-91	5	5	UG/L	U
B208589	WQHP	BICARBONATE AS CACO3	19-APR-91	1.0	330	MG/L	
		CARBONATE AS CACO3	19-APR-91	1.0	0	MG/L	
		CHLORIDE	19-APR-91	0.2	160	MG/L	
		FLUORIDE	19-APR-91	0.1	0.6	MG/L	
		NITRATE/NITRITE	19-APR-91	0.02	390	MG/L	
		ORTHOPHOSPHATE	19-APR-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	19-APR-91	0.4	4.1	MG/L	
		SULFATE	19-APR-91	2.0	390	MG/L	
		TOTAL DISSOLVED SOLIDS	19-APR-91	10.0	3600	MG/L	
		TOTAL SUSPENDED SOLIDS	19-APR-91	4.0	10	MG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		BICARBONATE AS CACO3	22-JAN-91	1.0	230	MG/L	
		CARBONATE AS CACO3	22-JAN-91	1.0	0	MG/L	
		CHLORIDE	22-JAN-91	0.2	260	MG/L	
		FLUORIDE	22-JAN-91	0.1	0.6	MG/L	
		NITRATE/NITRITE	22-JAN-91	0.02	640	MG/L	
		ORTHOPHOSPHATE	22-JAN-91	0.01	0.01	MG/L	
		SILICA, DISSOLVED	22-JAN-91	0.4	3.6	MG/L	
		SULFATE	22-JAN-91	2.0	640	MG/L	
		TOTAL DISSOLVED SOLIDS	22-JAN-91	10.0	5100	MG/L	
		TOTAL SUSPENDED SOLIDS	22-JAN-91	4.0	17	MG/L	
B210489	METALS	ALUMINUM	09-APR-91	200	171.00	UG/L	B
		ANTIMONY	09-APR-91	60	49.70	UG/L	B
		ARSENIC	09-APR-91	10	2.00	UG/L	U
		BARIUM	09-APR-91	200	71.30	UG/L	B
		BERYLLIUM	09-APR-91	5	1.20	UG/L	B
		CADMIUM	09-APR-91	5	4.70	UG/L	B
		CALCIUM	09-APR-91	5000	433000.00	UG/L	
		CESIUM	09-APR-91	1000	112.00	UG/L	U
		CHROMIUM	09-APR-91	10	17.10	UG/L	
		COBALT	09-APR-91	50	11.80	UG/L	B
		COPPER	09-APR-91	25	11.00	UG/L	U
		CYANIDE	09-APR-91	10	2.50	UG/L	B
		IRON	09-APR-91	100	126.00	UG/L	
		LEAD	09-APR-91	3	1.00	UG/L	UW
		LITHIUM	09-APR-91	100	239.00	UG/L	
		MAGNESIUM	09-APR-91	5000	141000.00	UG/L	
		MANGANESE	09-APR-91	15	2.10	UG/L	B
		MERCURY	09-APR-91	0	0.20	UG/L	U
		MOLYBDENUM	09-APR-91	200	15.90	UG/L	B
		NICKEL	09-APR-91	40	17.50	UG/L	B
		POTASSIUM	09-APR-91	5000	2950.00	UG/L	B
		SELENIUM	09-APR-91	5	370.00	UG/L	
		SILVER	09-APR-91	10	7.00	UG/L	B
		SODIUM	09-APR-91	5000	304000.00	UG/L	
		STRONTIUM	09-APR-91	200	4220.00	UG/L	
		THALLIUM	09-APR-91	10	1.00	UG/L	U
		TIN	09-APR-91	200	150.00	UG/L	B
		VANADIUM	09-APR-91	50	14.10	UG/L	B
		ZINC	09-APR-91	20	29.00	UG/L	
		ALUMINUM	15-JAN-91	200	212.00	UG/L	
		ALUMINUM	15-JAN-91	200	206.00	UG/L	
		ALUMINUM	15-JAN-91	200	9.00	UG/L	U
		ANTIMONY	15-JAN-91	60	107.00	UG/L	
		ANTIMONY	15-JAN-91	60	104.00	UG/L	
		ANTIMONY	15-JAN-91	60	8.00	UG/L	U
		ARSENIC	15-JAN-91	10	2.00	UG/L	U
		ARSENIC	15-JAN-91	10	2.00	UG/L	U
		ARSENIC	15-JAN-91	10	2.00	UG/L	U
		BARIUM	15-JAN-91	200	82.80	UG/L	B
		BARIUM	15-JAN-91	200	1.00	UG/L	U
		BARIUM	15-JAN-91	200	83.70	UG/L	B
		BERYLLIUM	15-JAN-91	5	1.30	UG/L	B
		BERYLLIUM	15-JAN-91	5	1.00	UG/L	U
		BERYLLIUM	15-JAN-91	5	1.40	UG/L	B
		CADMIUM	15-JAN-91	5	11.30	UG/L	
		CADMIUM	15-JAN-91	5	2.00	UG/L	U
		CADMIUM	15-JAN-91	5	10.20	UG/L	
		CALCIUM	15-JAN-91	5000	503000.00	UG/L	
		CALCIUM	15-JAN-91	5000	198.00	UG/L	B
		CALCIUM	15-JAN-91	5000	493000.00	UG/L	
		CESIUM	15-JAN-91	1000	76.00	UG/L	U
		CESIUM	15-JAN-91	1000	76.00	UG/L	U
		CESIUM	15-JAN-91	1000	76.00	UG/L	U
		CHROMIUM	15-JAN-91	10	75.50	UG/L	
		CHROMIUM	15-JAN-91	10	71.70	UG/L	
		CHROMIUM	15-JAN-91	10	5.00	UG/L	U
		COBALT	15-JAN-91	50	31.50	UG/L	B
		COBALT	15-JAN-91	50	29.00	UG/L	B
		COBALT	15-JAN-91	50	3.00	UG/L	U
		COPPER	15-JAN-91	25	20.50	UG/L	B

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		COPPER	15-JAN-91	25	23.00	UG/L	B
		COPPER	15-JAN-91	25	3.80	UG/L	B
		CYANIDE	15-JAN-91	10	3.50	UG/L	U
		CYANIDE	15-JAN-91	10	3.50	UG/L	U
		CYANIDE	15-JAN-91	10	3.50	UG/L	U
		IRON	15-JAN-91	100	61.50	UG/L	B
		IRON	15-JAN-91	100	57.40	UG/L	B
		IRON	15-JAN-91	100	4.00	UG/L	U
		LEAD	15-JAN-91	3	1.00	UG/L	UW
		LEAD	15-JAN-91	3	1.00	UG/L	UW
		LEAD	15-JAN-91	3	1.00	UG/L	U
		LITHIUM	15-JAN-91	100	216.00	UG/L	
		LITHIUM	15-JAN-91	100	2.00	UG/L	U
		LITHIUM	15-JAN-91	100	218.00	UG/L	
		MAGNESIUM	15-JAN-91	5000	163000.00	UG/L	
		MAGNESIUM	15-JAN-91	5000	26.60	UG/L	B
		MAGNESIUM	15-JAN-91	5000	162000.00	UG/L	
		MANGANESE	15-JAN-91	15	6.50	UG/L	B
		MANGANESE	15-JAN-91	15	6.20	UG/L	B
		MANGANESE	15-JAN-91	15	2.50	UG/L	B
		MERCURY	15-JAN-91	0	0.20	UG/L	U
		MERCURY	15-JAN-91	0	0.20	UG/L	U
		MERCURY	15-JAN-91	0	0.20	UG/L	U
		MOLYBDENUM	15-JAN-91	200	51.10	UG/L	B
		MOLYBDENUM	15-JAN-91	200	55.30	UG/L	B
		MOLYBDENUM	15-JAN-91	200	3.00	UG/L	U
		NICKEL	15-JAN-91	40	46.90	UG/L	
		NICKEL	15-JAN-91	40	4.00	UG/L	U
		NICKEL	15-JAN-91	40	45.50	UG/L	
		POTASSIUM	15-JAN-91	5000	2110.00	UG/L	B
		POTASSIUM	15-JAN-91	5000	2110.00	UG/L	B
		POTASSIUM	15-JAN-91	5000	90.20	UG/L	B
		SELENIUM	15-JAN-91	5	291.00	UG/L	S
		SELENIUM	15-JAN-91	5	320.00	UG/L	
		SELENIUM	15-JAN-91	5	2.00	UG/L	U
		SILVER	15-JAN-91	10	14.50	UG/L	
		SILVER	15-JAN-91	10	14.40	UG/L	
		SILVER	15-JAN-91	10	3.00	UG/L	U
		SODIUM	15-JAN-91	5000	241000.00	UG/L	
		SODIUM	15-JAN-91	5000	238000.00	UG/L	
		SODIUM	15-JAN-91	5000	562.00	UG/L	B
		STRONTIUM	15-JAN-91	200	4650.00	UG/L	
		STRONTIUM	15-JAN-91	200	3.50	UG/L	B
		STRONTIUM	15-JAN-91	200	4710.00	UG/L	
		THALLIUM	15-JAN-91	10	3.00	UG/L	U
		THALLIUM	15-JAN-91	10	3.00	UG/L	U
		THALLIUM	15-JAN-91	10	3.00	UG/L	U
		TIN	15-JAN-91	200	152.00	UG/L	B
		TIN	15-JAN-91	200	152.00	UG/L	B
		TIN	15-JAN-91	200	11.20	UG/L	B
		VANADIUM	15-JAN-91	50	35.80	UG/L	B
		VANADIUM	15-JAN-91	50	34.70	UG/L	B
		VANADIUM	15-JAN-91	50	2.00	UG/L	U
		ZINC	15-JAN-91	20	23.40	UG/L	
		ZINC	15-JAN-91	20	7.40	UG/L	B
		ZINC	15-JAN-91	20	20.30	UG/L	
		ALUMINUM	15-JUL-91	200	659.00	UG/L	
		ALUMINUM	15-JUL-91	200	185.00	UG/L	B
		ANTIMONY	15-JUL-91	60	162.00	UG/L	
		ANTIMONY	15-JUL-91	60	179.00	UG/L	
		ARSENIC	15-JUL-91	10	2.00	UG/L	U
		BARIUM	15-JUL-91	200	96.60	UG/L	B
		BARIUM	15-JUL-91	200	99.50	UG/L	BE
		BERYLLIUM	15-JUL-91	5	1.40	UG/L	B
		BERYLLIUM	15-JUL-91	5	2.00	UG/L	B
		CADMIUM	15-JUL-91	5	3.80	UG/L	B
		CADMIUM	15-JUL-91	5	5.20	UG/L	
		CALCIUM	15-JUL-91	5000	545000.00	UG/L	
		CALCIUM	15-JUL-91	5000	562000.00	UG/L	
		CESIUM	15-JUL-91	1000	130.00	UG/L	B

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		CESIUM	15-JUL-91	1000	32.00	UG/L	U
		CHROMIUM	15-JUL-91	10	35.60	UG/L	
		CHROMIUM	15-JUL-91	10	38.90	UG/L	
		COBALT	15-JUL-91	50	11.50	UG/L	B
		COBALT	15-JUL-91	50	9.90	UG/L	B
		COPPER	15-JUL-91	25	13.60	UG/L	B
		COPPER	15-JUL-91	25	13.80	UG/L	B
		CYANIDE	15-JUL-91	10	3.50	UG/L	BN
		IRON	15-JUL-91	100	490.00	UG/L	EN*
		IRON	15-JUL-91	100	54.50	UG/L	B
		LEAD	15-JUL-91	3	1.00	UG/L	U
		LEAD	15-JUL-91	3	1.00	UG/L	U
		LITHIUM	15-JUL-91	100	256.00	UG/L	
		LITHIUM	15-JUL-91	100	271.00	UG/L	
		MAGNESIUM	15-JUL-91	5000	176000.00	UG/L	
		MAGNESIUM	15-JUL-91	5000	183000.00	UG/L	
		MANGANESE	15-JUL-91	15	11.10	UG/L	B
		MANGANESE	15-JUL-91	15	5.20	UG/L	B
		MERCURY	15-JUL-91	0	0.20	UG/L	U
		MERCURY	15-JUL-91	0	0.20	UG/L	U
		MOLYBDENUM	15-JUL-91	200	17.60	UG/L	B
		MOLYBDENUM	15-JUL-91	200	17.80	UG/L	B
		NICKEL	15-JUL-91	40	12.10	UG/L	B
		NICKEL	15-JUL-91	40	19.20	UG/L	B
		POTASSIUM	15-JUL-91	5000	3810.00	UG/L	B
		POTASSIUM	15-JUL-91	5000	3810.00	UG/L	BE
		SELENIUM	15-JUL-91	5	380.00	UG/L	
		SILVER	15-JUL-91	10	2.00	UG/L	U
		SILVER	15-JUL-91	10	2.00	UG/L	U
		SODIUM	15-JUL-91	5000	372000.00	UG/L	
		SODIUM	15-JUL-91	5000	385000.00	UG/L	
		STRONTIUM	15-JUL-91	200	5300.00	UG/L	
		STRONTIUM	15-JUL-91	200	5460.00	UG/L	
		THALLIUM	15-JUL-91	10	2.00	UG/L	U
		TIN	15-JUL-91	200	132.00	UG/L	B
		TIN	15-JUL-91	200	169.00	UG/L	B
		VANADIUM	15-JUL-91	50	4.80	UG/L	B
		VANADIUM	15-JUL-91	50	5.40	UG/L	B
		ZINC	15-JUL-91	20	18.40	UG/L	B
		ZINC	15-JUL-91	20	7.70	UG/L	B
		ALUMINUM	21-OCT-91	200	622.00	UG/L	*
		ALUMINUM	21-OCT-91	200	184.00	UG/L	B
		ANTIMONY	21-OCT-91	60	130.00	UG/L	
		ANTIMONY	21-OCT-91	60	132.00	UG/L	
		ARSENIC	21-OCT-91	10	2.00	UG/L	UN
		ARSENIC	21-OCT-91	10	2.00	UG/L	U
		BARIUM	21-OCT-91	200	97.30	UG/L	B
		BARIUM	21-OCT-91	200	95.60	UG/L	B
		BERYLLIUM	21-OCT-91	5	1.00	UG/L	U
		BERYLLIUM	21-OCT-91	5	1.00	UG/L	U
		CADMIUM	21-OCT-91	5	13.60	UG/L	
		CADMIUM	21-OCT-91	5	13.90	UG/L	
		CALCIUM	21-OCT-91	5000	563000.00	UG/L	
		CALCIUM	21-OCT-91	5000	580000.00	UG/L	
		CESIUM	21-OCT-91	1000	51.00	UG/L	U
		CESIUM	21-OCT-91	1000	51.00	UG/L	U
		CHROMIUM	21-OCT-91	10	45.80	UG/L	
		CHROMIUM	21-OCT-91	10	46.00	UG/L	
		COBALT	21-OCT-91	50	12.50	UG/L	B
		COBALT	21-OCT-91	50	12.30	UG/L	B
		COPPER	21-OCT-91	25	20.60	UG/L	B
		COPPER	21-OCT-91	25	15.70	UG/L	B
		CYANIDE	21-OCT-91	10	2.00	UG/L	U
		IRON	21-OCT-91	100	437.00	UG/L	
		IRON	21-OCT-91	100	36.10	UG/L	B
		LEAD	21-OCT-91	3	1.00	UG/L	U
		LEAD	21-OCT-91	3	1.00	UG/L	UW
		LITHIUM	21-OCT-91	100	245.00	UG/L	
		LITHIUM	21-OCT-91	100	249.00	UG/L	
		MAGNESIUM	21-OCT-91	5000	178000.00	UG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		MAGNESIUM	21-OCT-91	5000	184000.00	UG/L	
		MANGANESE	21-OCT-91	15	14.40	UG/L	B
		MANGANESE	21-OCT-91	15	10.30	UG/L	B
		MERCURY	21-OCT-91	0	0.20	UG/L	U
		MERCURY	21-OCT-91	0	0.20	UG/L	U
		MOLYBDENUM	21-OCT-91	200	20.30	UG/L	B
		MOLYBDENUM	21-OCT-91	200	19.40	UG/L	B
		NICKEL	21-OCT-91	40	19.10	UG/L	B
		NICKEL	21-OCT-91	40	17.00	UG/L	U
		POTASSIUM	21-OCT-91	5000	3820.00	UG/L	B
		POTASSIUM	21-OCT-91	5000	3770.00	UG/L	B
		SELENIUM	21-OCT-91	5	475.00	UG/L	
		SELENIUM	21-OCT-91	5	460.00	UG/L	
		SILVER	21-OCT-91	10	2.80	UG/L	B
		SILVER	21-OCT-91	10	2.50	UG/L	B
		SODIUM	21-OCT-91	5000	371000.00	UG/L	
		SODIUM	21-OCT-91	5000	380000.00	UG/L	
		STRONTIUM	21-OCT-91	200	5780.00	UG/L	
		STRONTIUM	21-OCT-91	200	5970.00	UG/L	
		THALLIUM	21-OCT-91	10	1.00	UG/L	UWN
		THALLIUM	21-OCT-91	10	1.00	UG/L	UW
		TIN	21-OCT-91	200	43.60	UG/L	B
		TIN	21-OCT-91	200	37.00	UG/L	B
		VANADIUM	21-OCT-91	50	22.20	UG/L	B
		VANADIUM	21-OCT-91	50	21.30	UG/L	B
		ZINC	21-OCT-91	20	24.90	UG/L	E
		ZINC	21-OCT-91	20	17.00	UG/L	B
B210489	RADS	AMERICIUM-241	15-JAN-91	.01	.008291	PCI/L	J
		AMERICIUM-241	15-JAN-91	.01	.001814	PCI/L	J
		AMERICIUM-241	15-JAN-91	.01	.004088	PCI/L	J
		CESIUM-137	15-JAN-91	1	.2529	PCI/L	J
		CESIUM-137	15-JAN-91	1	.1197	PCI/L	J
		CESIUM-137	15-JAN-91	1	-.104	PCI/L	J
		GROSS ALPHA - DISSOLVED	15-JAN-91	2	40.1	PCI/L	
		GROSS ALPHA - DISSOLVED	15-JAN-91	2	.01998	PCI/L	J
		GROSS ALPHA - DISSOLVED	15-JAN-91	2	22.35	PCI/L	
		GROSS BETA - DISSOLVED	15-JAN-91	4	1.308	PCI/L	J
		GROSS BETA - DISSOLVED	15-JAN-91	4	16.6	PCI/L	
		GROSS BETA - DISSOLVED	15-JAN-91	4	.5706	PCI/L	J
		PLUTONIUM-238	15-JAN-91	.01	0	PCI/L	J
		PLUTONIUM-238	15-JAN-91	.01	0	PCI/L	J
		PLUTONIUM-238	15-JAN-91	.01	.00252	PCI/L	J
		PLUTONIUM-239/240	15-JAN-91	.01	.002193	PCI/L	J
		PLUTONIUM-239/240	15-JAN-91	.01	.00126	PCI/L	J
		PLUTONIUM-239/240	15-JAN-91	.01	.0009696	PCI/L	J
		RADIUM-226	15-JAN-91	.5	.2487	PCI/L	J
		STRONTIUM-89,90	15-JAN-91	1	1.17	PCI/L	
		STRONTIUM-89,90	15-JAN-91	1	.1891	PCI/L	J
		STRONTIUM-89,90	15-JAN-91	1	.6589	PCI/L	J
		TRITIUM	15-JAN-91	400	1012	PCI/L	
		TRITIUM	15-JAN-91	400	48.95	PCI/L	J
		TRITIUM	15-JAN-91	400	994.4	PCI/L	
		URANIUM-233,-234	15-JAN-91	.6	34.83	PCI/L	
		URANIUM-233,-234	15-JAN-91	.6	43.54	PCI/L	
		URANIUM-233,-234	15-JAN-91	.6	.06049	PCI/L	J
		URANIUM-235	15-JAN-91	.6	1.067	PCI/L	
		URANIUM-235	15-JAN-91	.6	1.305	PCI/L	
		URANIUM-235	15-JAN-91	.6	.02593	PCI/L	J
		URANIUM-238	15-JAN-91	.6	27.12	PCI/L	
		URANIUM-238	15-JAN-91	.6	34.09	PCI/L	
		URANIUM-238	15-JAN-91	.6	.03457	PCI/L	J
B210489	VOA	1,1,1-TRICHLOROETHANE	09-APR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	09-APR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	09-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	09-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	09-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	09-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	09-APR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	09-APR-91	5	5	UG/L	U
		2-BUTANONE	09-APR-91	10	10	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		2-HEXANONE	09-APR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	09-APR-91	10	10	UG/L	U
		ACETONE	09-APR-91	10	10	UG/L	U
		BENZENE	09-APR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	09-APR-91	5	5	UG/L	U
		BROMOFORM	09-APR-91	5	5	UG/L	U
		BROMOMETHANE	09-APR-91	10	10	UG/L	U
		CARBON DISULFIDE	09-APR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	09-APR-91	5	5	UG/L	U
		CHLOROBENZENE	09-APR-91	5	5	UG/L	U
		CHLOROETHANE	09-APR-91	10	10	UG/L	U
		CHLOROFORM	09-APR-91	5	5	UG/L	U
		CHLOROMETHANE	09-APR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	09-APR-91	5	5	UG/L	U
		ETHYLBENZENE	09-APR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	09-APR-91	5	5	UG/L	U
		STYRENE	09-APR-91	5	5	UG/L	U
		TETRACHLOROETHENE	09-APR-91	5	5	UG/L	U
		TOLUENE	09-APR-91	5	5	UG/L	U
		TOTAL XYLENES	09-APR-91	5	5	UG/L	U
		TRICHLOROETHENE	09-APR-91	5	5	UG/L	U
		VINYL ACETATE	09-APR-91	10	10	UG/L	U
		VINYL CHLORIDE	09-APR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	09-APR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	09-APR-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	15-JAN-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	15-JAN-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	15-JAN-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	15-JAN-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	15-JAN-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	15-JAN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	15-JAN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	15-JAN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	15-JAN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	15-JAN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	15-JAN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	15-JAN-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	15-JAN-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	15-JAN-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	15-JAN-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	15-JAN-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	15-JAN-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	15-JAN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	15-JAN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	15-JAN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	15-JAN-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	15-JAN-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	15-JAN-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	15-JAN-91	5	5	UG/L	U
		2-BUTANONE	15-JAN-91	10	10	UG/L	U
		2-BUTANONE	15-JAN-91	10	10	UG/L	U
		2-BUTANONE	15-JAN-91	10	10	UG/L	U
		2-HEXANONE	15-JAN-91	10	10	UG/L	U
		2-HEXANONE	15-JAN-91	10	10	UG/L	U
		2-HEXANONE	15-JAN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	15-JAN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	15-JAN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	15-JAN-91	10	10	UG/L	U
		ACETONE	15-JAN-91	10	14	UG/L	B
		ACETONE	15-JAN-91	10	10	UG/L	U
		ACETONE	15-JAN-91	10	10	UG/L	U
		BENZENE	15-JAN-91	5	5	UG/L	U
		BENZENE	15-JAN-91	5	5	UG/L	U
		BENZENE	15-JAN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	15-JAN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	15-JAN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	15-JAN-91	5	5	UG/L	U
		BROMOFORM	15-JAN-91	5	5	UG/L	U
		BROMOFORM	15-JAN-91	5	5	UG/L	U
		BROMOFORM	15-JAN-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		BROMOMETHANE	15-JAN-91	10	10	UG/L	U
		BROMOMETHANE	15-JAN-91	10	10	UG/L	U
		BROMOMETHANE	15-JAN-91	10	10	UG/L	U
		CARBON DISULFIDE	15-JAN-91	5	5	UG/L	U
		CARBON DISULFIDE	15-JAN-91	5	5	UG/L	U
		CARBON DISULFIDE	15-JAN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	15-JAN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	15-JAN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	15-JAN-91	5	5	UG/L	U
		CHLOROBENZENE	15-JAN-91	5	5	UG/L	U
		CHLOROBENZENE	15-JAN-91	5	5	UG/L	U
		CHLOROBENZENE	15-JAN-91	5	5	UG/L	U
		CHLOROETHANE	15-JAN-91	10	10	UG/L	U
		CHLOROETHANE	15-JAN-91	10	10	UG/L	U
		CHLOROETHANE	15-JAN-91	10	10	UG/L	U
		CHLOROFORM	15-JAN-91	5	5	UG/L	U
		CHLOROFORM	15-JAN-91	5	5	UG/L	U
		CHLOROFORM	15-JAN-91	5	5	UG/L	U
		CHLOROMETHANE	15-JAN-91	10	10	UG/L	U
		CHLOROMETHANE	15-JAN-91	10	10	UG/L	U
		CHLOROMETHANE	15-JAN-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	15-JAN-91	5	5	UG/L	U
		DIBROMOCHLOROMETHANE	15-JAN-91	5	5	UG/L	U
		DIBROMOCHLOROMETHANE	15-JAN-91	5	5	UG/L	U
		ETHYLBENZENE	15-JAN-91	5	5	UG/L	U
		ETHYLBENZENE	15-JAN-91	5	5	UG/L	U
		ETHYLBENZENE	15-JAN-91	5	5	UG/L	U
		METHYLENE CHLORIDE	15-JAN-91	5	4	UG/L	J
		METHYLENE CHLORIDE	15-JAN-91	5	3	UG/L	BJ
		METHYLENE CHLORIDE	15-JAN-91	5	3	UG/L	BJ
		STYRENE	15-JAN-91	5	5	UG/L	U
		STYRENE	15-JAN-91	5	5	UG/L	U
		STYRENE	15-JAN-91	5	5	UG/L	U
		TETRACHLOROETHENE	15-JAN-91	5	5	UG/L	U
		TETRACHLOROETHENE	15-JAN-91	5	5	UG/L	U
		TETRACHLOROETHENE	15-JAN-91	5	5	UG/L	U
		TOLUENE	15-JAN-91	5	5	UG/L	U
		TOLUENE	15-JAN-91	5	1	UG/L	J
		TOLUENE	15-JAN-91	5	5	UG/L	U
		TOTAL XYLENES	15-JAN-91	5	5	UG/L	U
		TOTAL XYLENES	15-JAN-91	5	3	UG/L	BJ
		TOTAL XYLENES	15-JAN-91	5	5	UG/L	U
		TRICHLOROETHENE	15-JAN-91	5	5	UG/L	U
		TRICHLOROETHENE	15-JAN-91	5	5	UG/L	U
		TRICHLOROETHENE	15-JAN-91	5	5	UG/L	U
		VINYL ACETATE	15-JAN-91	10	10	UG/L	U
		VINYL ACETATE	15-JAN-91	10	10	UG/L	U
		VINYL ACETATE	15-JAN-91	10	10	UG/L	U
		VINYL CHLORIDE	15-JAN-91	10	10	UG/L	U
		VINYL CHLORIDE	15-JAN-91	10	10	UG/L	U
		VINYL CHLORIDE	15-JAN-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	15-JAN-91	5	5	UG/L	U
		cis-1,3-DICHLOROPROPENE	15-JAN-91	5	5	UG/L	U
		cis-1,3-DICHLOROPROPENE	15-JAN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	15-JAN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	15-JAN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	15-JAN-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	15-JUL-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	15-JUL-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	15-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	15-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	15-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	15-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	15-JUL-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	15-JUL-91	5	5	UG/L	U
		2-BUTANONE	15-JUL-91	10	10	UG/L	U
		2-HEXANONE	15-JUL-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	15-JUL-91	10	10	UG/L	U
		ACETONE	15-JUL-91	10	10	UG/L	U
		BENZENE	15-JUL-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		BROMODICHLOROMETHANE	15-JUL-91	5	5	UG/L	U
		BROMOFORM	15-JUL-91	5	5	UG/L	U
		BROMOMETHANE	15-JUL-91	10	10	UG/L	U
		CARBON DISULFIDE	15-JUL-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	15-JUL-91	5	5	UG/L	U
		CHLOROBENZENE	15-JUL-91	5	5	UG/L	U
		CHLOROETHANE	15-JUL-91	10	10	UG/L	U
		CHLOROFORM	15-JUL-91	5	5	UG/L	U
		CHLOROMETHANE	15-JUL-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	15-JUL-91	5	5	UG/L	U
		ETHYLBENZENE	15-JUL-91	5	5	UG/L	U
		METHYLENE CHLORIDE	15-JUL-91	5	5	UG/L	U
		STYRENE	15-JUL-91	5	5	UG/L	U
		TETRACHLOROETHENE	15-JUL-91	5	5	UG/L	U
		TOLUENE	15-JUL-91	5	5	UG/L	U
		TOTAL XYLENES	15-JUL-91	5	5	UG/L	U
		TRICHLOROETHENE	15-JUL-91	5	5	UG/L	U
		VINYL ACETATE	15-JUL-91	10	10	UG/L	U
		VINYL CHLORIDE	15-JUL-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	15-JUL-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	15-JUL-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	21-OCT-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	21-OCT-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	21-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	21-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	21-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	21-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	21-OCT-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	21-OCT-91	5	5	UG/L	U
		2-BUTANONE	21-OCT-91	10	10	UG/L	U
		2-HEXANONE	21-OCT-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	21-OCT-91	10	10	UG/L	U
		ACETONE	21-OCT-91	10	10	UG/L	U
		BENZENE	21-OCT-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	21-OCT-91	5	5	UG/L	U
		BROMOFORM	21-OCT-91	5	5	UG/L	U
		BROMOMETHANE	21-OCT-91	10	10	UG/L	U
		CARBON DISULFIDE	21-OCT-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	21-OCT-91	5	5	UG/L	U
		CHLOROBENZENE	21-OCT-91	5	5	UG/L	U
		CHLOROETHANE	21-OCT-91	10	10	UG/L	U
		CHLOROFORM	21-OCT-91	5	5	UG/L	U
		CHLOROMETHANE	21-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	21-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	21-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	21-OCT-91	5	5	UG/L	U
		STYRENE	21-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	21-OCT-91	5	5	UG/L	U
		TOLUENE	21-OCT-91	5	5	UG/L	U
		TOTAL XYLENES	21-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	21-OCT-91	5	5	UG/L	U
		VINYL ACETATE	21-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	21-OCT-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	21-OCT-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	21-OCT-91	5	5	UG/L	U
B210489	WQHP	BICARBONATE AS CACO3	09-APR-91	1.0	310	MG/L	
		CARBONATE AS CACO3	09-APR-91	1.0	0	MG/L	
		CHLORIDE	09-APR-91	0.2	140	MG/L	
		FLUORIDE	09-APR-91	0.1	0.6	MG/L	
		NITRATE/NITRITE	09-APR-91	0.02	420	MG/L	
		ORTHOPHOSPHATE	09-APR-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	09-APR-91	0.4	6.2	MG/L	
		SULFATE	09-APR-91	2.0	390	MG/L	
		TOTAL DISSOLVED SOLIDS	09-APR-91	10.0	3500	MG/L	
		TOTAL SUSPENDED SOLIDS	09-APR-91	4.0	17	MG/L	
		BICARBONATE AS CACO3	15-JAN-91	1.0	320	MG/L	
		BICARBONATE AS CACO3	15-JAN-91	1.0	310	MG/L	
		BICARBONATE AS CACO3	15-JAN-91	1.0	4	MG/L	
		CARBONATE AS CACO3	15-JAN-91	1.0	0	MG/L	
		CARBONATE AS CACO3	15-JAN-91	1.0	0	MG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		CARBONATE AS CACO3	15-JAN-91	1.0	0	MG/L	
		CHLORIDE	15-JAN-91	0.2	160	MG/L	
		CHLORIDE	15-JAN-91	0.2	160	MG/L	
		CHLORIDE	15-JAN-91	0.2	0.7	MG/L	
		FLUORIDE	15-JAN-91	0.1	0.5	MG/L	
		FLUORIDE	15-JAN-91	0.1	0.1	MG/L	U
		FLUORIDE	15-JAN-91	0.1	4.9	MG/L	
		NITRATE/NITRITE	15-JAN-91	0.02	500	MG/L	
		NITRATE/NITRITE	15-JAN-91	0.02	0.02	MG/L	U
		NITRATE/NITRITE	15-JAN-91	0.02	370	MG/L	
		ORTHOPHOSPHATE	15-JAN-91	0.01	0.01	MG/L	U
		ORTHOPHOSPHATE	15-JAN-91	0.01	0.01	MG/L	U
		ORTHOPHOSPHATE	15-JAN-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	15-JAN-91	0.4	6.0	MG/L	
		SILICA, DISSOLVED	15-JAN-91	0.4	5.9	MG/L	
		SILICA, DISSOLVED	15-JAN-91	0.4	0.4	MG/L	U
		SULFATE	15-JAN-91	2.0	530	MG/L	
		SULFATE	15-JAN-91	2.0	560	MG/L	
		SULFATE	15-JAN-91	2.0	4	MG/L	U
		TOTAL DISSOLVED SOLIDS	15-JAN-91	10.0	4600	MG/L	
		TOTAL DISSOLVED SOLIDS	15-JAN-91	10.0	10	MG/L	
		TOTAL DISSOLVED SOLIDS	15-JAN-91	10.0	4600	MG/L	
		TOTAL SUSPENDED SOLIDS	15-JAN-91	4.0	58	MG/L	
		TOTAL SUSPENDED SOLIDS	15-JAN-91	4.0	6	MG/L	
		TOTAL SUSPENDED SOLIDS	15-JAN-91	4.0	51	MG/L	
		BICARBONATE AS CACO3	15-JUL-91	1.0	310	MG/L	
		CARBONATE AS CACO3	15-JUL-91	1.0	0	MG/L	
		CHLORIDE	15-JUL-91	0.2	180	MG/L	
		FLUORIDE	15-JUL-91	0.1	0.6	MG/L	
		NITRATE/NITRITE	15-JUL-91	0.02	300	MG/L	
		ORTHOPHOSPHATE	15-JUL-91	0.01	0.01	MG/L	
		SILICA, DISSOLVED	15-JUL-91	0.4	7.3	MG/L	
		SULFATE	15-JUL-91	2.0	600	MG/L	
		TOTAL DISSOLVED SOLIDS	15-JUL-91	10.0	7600	MG/L	
		TOTAL SUSPENDED SOLIDS	15-JUL-91	4.0	1200	MG/L	
		BICARBONATE AS CACO3	21-OCT-91	1.0	300	MG/L	
		CARBONATE AS CACO3	21-OCT-91	1.0	1	MG/L	U
		CHLORIDE	21-OCT-91	0.2	170	MG/L	
		FLUORIDE	21-OCT-91	0.1	0.6	MG/L	
		NITRATE/NITRITE	21-OCT-91	0.02	500	MG/L	
		ORTHOPHOSPHATE	21-OCT-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	21-OCT-91	0.4	7.0	MG/L	
		SULFATE	21-OCT-91	2.0	740	MG/L	
		TOTAL DISSOLVED SOLIDS	21-OCT-91	10.0	4900	MG/L	
		TOTAL SUSPENDED SOLIDS	21-OCT-91	4.0	20	MG/L	
P207489	METALS	ALUMINUM	31-MAY-91	200	17.90	UG/L	B
		ANTIMONY	31-MAY-91	60	6.00	UG/L	U
		ARSENIC	31-MAY-91	10	2.00	UG/L	U
		BARIUM	31-MAY-91	200	121.00	UG/L	B
		BERYLLIUM	31-MAY-91	5	1.00	UG/L	U
		CADMIUM	31-MAY-91	5	2.00	UG/L	U
		CALCIUM	31-MAY-91	5000	95600.00	UG/L	
		CESIUM	31-MAY-91	1000	112.00	UG/L	U
		CHROMIUM	31-MAY-91	10	3.00	UG/L	U
		COBALT	31-MAY-91	50	3.00	UG/L	U
		COPPER	31-MAY-91	25	11.00	UG/L	U
		IRON	31-MAY-91	100	13.10	UG/L	B
		LEAD	31-MAY-91	3	1.00	UG/L	U
		LITHIUM	31-MAY-91	100	7.00	UG/L	B
		MAGNESIUM	31-MAY-91	5000	26100.00	UG/L	
		MANGANESE	31-MAY-91	15	26.90	UG/L	
		MERCURY	31-MAY-91	0	0.20	UG/L	U
		MOLYBDENUM	31-MAY-91	200	3.40	UG/L	B
		NICKEL	31-MAY-91	40	3.00	UG/L	U
		POTASSIUM	31-MAY-91	5000	404.00	UG/L	B
		SELENIUM	31-MAY-91	5	2.00	UG/L	BW
		SILVER	31-MAY-91	10	2.00	UG/L	U
		SODIUM	31-MAY-91	5000	46300.00	UG/L	
		STRONTIUM	31-MAY-91	200	732.00	UG/L	
		THALLIUM	31-MAY-91	10	1.00	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		TIN	31-MAY-91	200	11.40	UG/L	B
		VANADIUM	31-MAY-91	50	2.00	UG/L	U
		ZINC	31-MAY-91	20	3.00	UG/L	U
P207489	RADS	GROSS ALPHA - DISSOLVED	01-MAY-91	2	1.035	PCI/L	J
		GROSS BETA - DISSOLVED	01-MAY-91	4	29.05	PCI/L	
		TRITIUM	01-MAY-91	400	526	PCI/L	
		URANIUM-233,-234	01-MAY-91	.6	2.132	PCI/L	
		URANIUM-235	01-MAY-91	.6	.04958	PCI/L	J
		URANIUM-238	01-MAY-91	.6	1.606	PCI/L	
		GROSS ALPHA - DISSOLVED	07-AUG-91	2	3.45	PCI/L	
		GROSS BETA - DISSOLVED	07-AUG-91	4	2.906	PCI/L	J
		TRITIUM	07-AUG-91	400	706.8	PCI/L	
		URANIUM-233,-234	07-AUG-91	.6	2.55	PCI/L	
		URANIUM-235	07-AUG-91	.6	-.00426	PCI/L	J
		URANIUM-238	07-AUG-91	.6	1.96	PCI/L	
P207489	VOA	1,1,1-TRICHLOROETHANE	01-MAY-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	01-MAY-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	01-MAY-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	01-MAY-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	01-MAY-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	01-MAY-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	01-MAY-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	01-MAY-91	5	5	UG/L	U
		2-BUTANONE	01-MAY-91	10	10	UG/L	U
		2-HEXANONE	01-MAY-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	01-MAY-91	10	10	UG/L	U
		ACETONE	01-MAY-91	10	12	UG/L	B
		BENZENE	01-MAY-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	01-MAY-91	5	5	UG/L	U
		BROMOFORM	01-MAY-91	5	5	UG/L	U
		BROMOMETHANE	01-MAY-91	10	10	UG/L	U
		CARBON DISULFIDE	01-MAY-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	01-MAY-91	5	5	UG/L	U
		CHLOROBENZENE	01-MAY-91	5	5	UG/L	U
		CHLOROETHANE	01-MAY-91	10	10	UG/L	U
		CHLOROFORM	01-MAY-91	5	5	UG/L	U
		CHLOROMETHANE	01-MAY-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	01-MAY-91	5	5	UG/L	U
		ETHYLBENZENE	01-MAY-91	5	5	UG/L	U
		METHYLENE CHLORIDE	01-MAY-91	5	7	UG/L	B
		STYRENE	01-MAY-91	5	5	UG/L	U
		TETRACHLOROETHENE	01-MAY-91	5	5	UG/L	U
		TOLUENE	01-MAY-91	5	5	UG/L	U
		TOTAL XYLENES	01-MAY-91	5	5	UG/L	U
		TRICHLOROETHENE	01-MAY-91	5	5	UG/L	U
		VINYL ACETATE	01-MAY-91	10	1	UG/L	BJ
		VINYL CHLORIDE	01-MAY-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	01-MAY-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	01-MAY-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	07-AUG-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	07-AUG-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	07-AUG-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	07-AUG-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	07-AUG-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	07-AUG-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	07-AUG-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	07-AUG-91	5	5	UG/L	U
		2-BUTANONE	07-AUG-91	10	10	UG/L	U
		2-HEXANONE	07-AUG-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	07-AUG-91	10	10	UG/L	U
		ACETONE	07-AUG-91	10	10	UG/L	U
		BENZENE	07-AUG-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	07-AUG-91	5	5	UG/L	U
		BROMOFORM	07-AUG-91	5	5	UG/L	U
		BROMOMETHANE	07-AUG-91	10	10	UG/L	U
		CARBON DISULFIDE	07-AUG-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	07-AUG-91	5	5	UG/L	U
		CHLOROBENZENE	07-AUG-91	5	5	UG/L	U
		CHLOROETHANE	07-AUG-91	10	10	UG/L	U
		CHLOROFORM	07-AUG-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		CHLOROMETHANE	07-AUG-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	07-AUG-91	5	5	UG/L	U
		ETHYLBENZENE	07-AUG-91	5	5	UG/L	U
		METHYLENE CHLORIDE	07-AUG-91	5	5	UG/L	U
		STYRENE	07-AUG-91	5	5	UG/L	U
		TETRACHLOROETHENE	07-AUG-91	5	5	UG/L	U
		TOLUENE	07-AUG-91	5	5	UG/L	U
		TOTAL XYLENES	07-AUG-91	5	5	UG/L	U
		TRICHLOROETHENE	07-AUG-91	5	5	UG/L	U
		VINYL ACETATE	07-AUG-91	10	10	UG/L	U
		VINYL CHLORIDE	07-AUG-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	07-AUG-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	07-AUG-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	24-OCT-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	24-OCT-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	24-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	24-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	24-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	24-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	24-OCT-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	24-OCT-91	5	5	UG/L	U
		2-BUTANONE	24-OCT-91	10	10	UG/L	U
		2-HEXANONE	24-OCT-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	24-OCT-91	10	10	UG/L	U
		ACETONE	24-OCT-91	10	10	UG/L	U
		BENZENE	24-OCT-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	24-OCT-91	5	5	UG/L	U
		BROMOFORM	24-OCT-91	5	5	UG/L	U
		BROMOMETHANE	24-OCT-91	10	10	UG/L	U
		CARBON DISULFIDE	24-OCT-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	24-OCT-91	5	5	UG/L	U
		CHLOROBENZENE	24-OCT-91	5	5	UG/L	U
		CHLOROETHANE	24-OCT-91	10	10	UG/L	U
		CHLOROFORM	24-OCT-91	5	5	UG/L	U
		CHLOROMETHANE	24-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	24-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	24-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	24-OCT-91	5	5	UG/L	U
		STYRENE	24-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	24-OCT-91	5	5	UG/L	U
		TOLUENE	24-OCT-91	5	5	UG/L	U
		TOTAL XYLENES	24-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	24-OCT-91	5	5	UG/L	U
		VINYL ACETATE	24-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	24-OCT-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	24-OCT-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	24-OCT-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	31-MAY-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	31-MAY-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	31-MAY-91	5	5	UG/L	U
		2-BUTANONE	31-MAY-91	10	10	UG/L	U
		2-HEXANONE	31-MAY-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	31-MAY-91	10	10	UG/L	U
		ACETONE	31-MAY-91	10	10	UG/L	U
		BENZENE	31-MAY-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	31-MAY-91	5	5	UG/L	U
		BROMOFORM	31-MAY-91	5	5	UG/L	U
		BROMOMETHANE	31-MAY-91	10	10	UG/L	U
		CARBON DISULFIDE	31-MAY-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	31-MAY-91	5	5	UG/L	U
		CHLOROBENZENE	31-MAY-91	5	5	UG/L	U
		CHLOROETHANE	31-MAY-91	10	10	UG/L	U
		CHLOROFORM	31-MAY-91	5	5	UG/L	U
		CHLOROMETHANE	31-MAY-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	31-MAY-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		ETHYLBENZENE	31-MAY-91	5	5	UG/L	U
		METHYLENE CHLORIDE	31-MAY-91	5	1	UG/L	BJ
		STYRENE	31-MAY-91	5	5	UG/L	U
		TETRACHLOROETHENE	31-MAY-91	5	5	UG/L	U
		TOLUENE	31-MAY-91	5	5	UG/L	U
		TOTAL XYLENES	31-MAY-91	5	5	UG/L	U
		TRICHLOROETHENE	31-MAY-91	5	5	UG/L	U
		VINYL ACETATE	31-MAY-91	10	10	UG/L	U
		VINYL CHLORIDE	31-MAY-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	31-MAY-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	31-MAY-91	5	5	UG/L	U
P207489	WQHP	BICARBONATE AS CACO3	01-MAY-91	1.0	300	MG/L	
		CARBONATE AS CACO3	01-MAY-91	1.0	1	MG/L	U
		CHLORIDE	01-MAY-91	0.2	26	MG/L	
		FLUORIDE	01-MAY-91	0.1	7.8	MG/L	
		NITRATE/NITRITE	01-MAY-91	0.02	4.3	MG/L	
		ORTHOPHOSPHATE	01-MAY-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	01-MAY-91	0.4	4.7	MG/L	
		SULFATE	01-MAY-91	2.0	72	MG/L	
		TOTAL DISSOLVED SOLIDS	01-MAY-91	10.0	470	MG/L	
		TOTAL SUSPENDED SOLIDS	01-MAY-91	4.0	4	MG/L	
		BICARBONATE AS CACO3	07-AUG-91	1.0	300	MG/L	
		CARBONATE AS CACO3	07-AUG-91	1.0	1	MG/L	U
		CHLORIDE	07-AUG-91	0.2	23	MG/L	
		FLUORIDE	07-AUG-91	0.1	0.9	MG/L	
		NITRATE/NITRITE	07-AUG-91	0.02	2.6	MG/L	
		ORTHOPHOSPHATE	07-AUG-91	0.01	0.01	MG/L	
		SILICA, DISSOLVED	07-AUG-91	0.4	6.7	MG/L	
		SULFATE	07-AUG-91	2.0	130	MG/L	
		TOTAL DISSOLVED SOLIDS	07-AUG-91	10.0	480	MG/L	
		TOTAL SUSPENDED SOLIDS	07-AUG-91	4.0	4	MG/L	U
		BICARBONATE AS CACO3	24-OCT-91	1.0	280	MG/L	
		CARBONATE AS CACO3	24-OCT-91	1.0	2	MG/L	
		CHLORIDE	24-OCT-91	0.2	29	MG/L	
		FLUORIDE	24-OCT-91	0.1	0.9	MG/L	
		NITRATE/NITRITE	24-OCT-91	0.02	3.7	MG/L	
		ORTHOPHOSPHATE	24-OCT-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	24-OCT-91	0.4	6.0	MG/L	
		SULFATE	24-OCT-91	2.0	77	MG/L	
		TOTAL DISSOLVED SOLIDS	24-OCT-91	10.0	460	MG/L	
		TOTAL SUSPENDED SOLIDS	24-OCT-91	4.0	8	MG/L	
		BICARBONATE AS CACO3	31-MAY-91	1.0	310	MG/L	
		CARBONATE AS CACO3	31-MAY-91	1.0	1	MG/L	U
		CHLORIDE	31-MAY-91	0.2	230	MG/L	
		FLUORIDE	31-MAY-91	0.1	0.8	MG/L	
		NITRATE/NITRITE	31-MAY-91	0.02	4.3	MG/L	
		ORTHOPHOSPHATE	31-MAY-91	0.01	0.03	MG/L	
		SILICA, DISSOLVED	31-MAY-91	0.4	6.2	MG/L	
		SULFATE	31-MAY-91	2.0	70	MG/L	
		TOTAL DISSOLVED SOLIDS	31-MAY-91	10.0	480	MG/L	
		TOTAL SUSPENDED SOLIDS	31-MAY-91	4.0	4	MG/L	U
P207689	METALS	ALUMINUM	02-AUG-91	200	54.10	UG/L	B
		ALUMINUM	02-AUG-91	200	5640.00	UG/L	
		ANTIMONY	02-AUG-91	60	85.30	UG/L	
		ANTIMONY	02-AUG-91	60	81.80	UG/L	
		ARSENIC	02-AUG-91	10	2.00	UG/L	U
		ARSENIC	02-AUG-91	10	2.00	UG/L	B
		BARIUM	02-AUG-91	200	80.80	UG/L	B
		BARIUM	02-AUG-91	200	118.00	UG/L	B
		BERYLLIUM	02-AUG-91	5	1.00	UG/L	U
		BERYLLIUM	02-AUG-91	5	1.00	UG/L	U
		CADMIUM	02-AUG-91	5	1.10	UG/L	B
		CADMIUM	02-AUG-91	5	1.00	UG/L	U
		CALCIUM	02-AUG-91	5000	91600.00	UG/L	
		CALCIUM	02-AUG-91	5000	90400.00	UG/L	
		CESIUM	02-AUG-91	1000	32.00	UG/L	U
		CESIUM	02-AUG-91	1000	32.00	UG/L	U
		CHROMIUM	02-AUG-91	10	7.90	UG/L	B
		CHROMIUM	02-AUG-91	10	11.60	UG/L	
		COBALT	02-AUG-91	50	4.80	UG/L	B

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		COBALT	02-AUG-91	50	4.00	UG/L	B
		COPPER	02-AUG-91	25	3.00	UG/L	U
		COPPER	02-AUG-91	25	7.10	UG/L	B
		CYANIDE	02-AUG-91	10	2.00	UG/L	U
		IRON	02-AUG-91	100	21.90	UG/L	B
		IRON	02-AUG-91	100	3610.00	UG/L	
		LEAD	02-AUG-91	3	1.00	UG/L	B
		LEAD	02-AUG-91	3	3.40	UG/L	
		LITHIUM	02-AUG-91	100	42.80	UG/L	B
		LITHIUM	02-AUG-91	100	43.10	UG/L	B
		MAGNESIUM	02-AUG-91	5000	98800.00	UG/L	
		MAGNESIUM	02-AUG-91	5000	95500.00	UG/L	
		MANGANESE	02-AUG-91	15	1.00	UG/L	U
		MANGANESE	02-AUG-91	15	32.40	UG/L	
		MERCURY	02-AUG-91	0	0.20	UG/L	U
		MERCURY	02-AUG-91	0	0.20	UG/L	U
		MOLYBDENUM	02-AUG-91	200	9.90	UG/L	B
		MOLYBDENUM	02-AUG-91	200	10.00	UG/L	B
		NICKEL	02-AUG-91	40	3.00	UG/L	U
		NICKEL	02-AUG-91	40	9.60	UG/L	B
		POTASSIUM	02-AUG-91	5000	903.00	UG/L	B
		POTASSIUM	02-AUG-91	5000	1730.00	UG/L	B
		SELENIUM	02-AUG-91	5	31.00	UG/L	
		SELENIUM	02-AUG-91	5	29.00	UG/L	
		SILVER	02-AUG-91	10	2.00	UG/L	U
		SILVER	02-AUG-91	10	2.00	UG/L	U
		SODIUM	02-AUG-91	5000	122000.00	UG/L	
		SODIUM	02-AUG-91	5000	116000.00	UG/L	
		STRONTIUM	02-AUG-91	200	2410.00	UG/L	
		STRONTIUM	02-AUG-91	200	2340.00	UG/L	
		THALLIUM	02-AUG-91	10	2.00	UG/L	UW
		THALLIUM	02-AUG-91	10	2.00	UG/L	UW
		TIN	02-AUG-91	200	115.00	UG/L	B
		TIN	02-AUG-91	200	91.20	UG/L	B
		VANADIUM	02-AUG-91	50	7.00	UG/L	B
		VANADIUM	02-AUG-91	50	20.40	UG/L	B
		ZINC	02-AUG-91	20	8.40	UG/L	B
		ZINC	02-AUG-91	20	36.40	UG/L	
		ALUMINUM	09-OCT-91	200	73.60	UG/L	B
		ALUMINUM	09-OCT-91	200	3720.00	UG/L	*
		ANTIMONY	09-OCT-91	60	56.20	UG/L	B
		ANTIMONY	09-OCT-91	60	83.40	UG/L	N
		ARSENIC	09-OCT-91	10	2.00	UG/L	U
		ARSENIC	09-OCT-91	10	2.00	UG/L	UN
		BARIUM	09-OCT-91	200	95.40	UG/L	B
		BARIUM	09-OCT-91	200	136.00	UG/L	B*
		BERYLLIUM	09-OCT-91	5	1.00	UG/L	U
		BERYLLIUM	09-OCT-91	5	1.00	UG/L	U
		CADMIUM	09-OCT-91	5	6.40	UG/L	
		CADMIUM	09-OCT-91	5	8.30	UG/L	
		CALCIUM	09-OCT-91	5000	108000.00	UG/L	
		CALCIUM	09-OCT-91	5000	111000.00	UG/L	*
		CESIUM	09-OCT-91	1000	51.00	UG/L	U
		CESIUM	09-OCT-91	1000	51.00	UG/L	U
		CHROMIUM	09-OCT-91	10	12.10	UG/L	
		CHROMIUM	09-OCT-91	10	18.90	UG/L	N*
		COBALT	09-OCT-91	50	3.00	UG/L	U
		COBALT	09-OCT-91	50	8.10	UG/L	B
		COPPER	09-OCT-91	25	6.20	UG/L	B
		COPPER	09-OCT-91	25	18.90	UG/L	B*
		CYANIDE	09-OCT-91	10	2.00	UG/L	U
		IRON	09-OCT-91	100	159.00	UG/L	
		IRON	09-OCT-91	100	3660.00	UG/L	*
		LEAD	09-OCT-91	3	1.00	UG/L	U
		LEAD	09-OCT-91	3	2.00	UG/L	BN*
		LITHIUM	09-OCT-91	100	42.80	UG/L	B
		LITHIUM	09-OCT-91	100	46.20	UG/L	B
		MAGNESIUM	09-OCT-91	5000	115000.00	UG/L	
		MAGNESIUM	09-OCT-91	5000	114000.00	UG/L	*
		MANGANESE	09-OCT-91	15	2.90	UG/L	B

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		MANGANESE	09-OCT-91	15	32.90	UG/L	N*
		MERCURY	09-OCT-91	0	0.33	UG/L	
		MERCURY	09-OCT-91	0	0.32	UG/L	N
		MOLYBDENUM	09-OCT-91	200	9.10	UG/L	B
		MOLYBDENUM	09-OCT-91	200	16.80	UG/L	B
		NICKEL	09-OCT-91	40	17.00	UG/L	U
		NICKEL	09-OCT-91	40	22.70	UG/L	B*
		POTASSIUM	09-OCT-91	5000	1040.00	UG/L	B
		POTASSIUM	09-OCT-91	5000	1590.00	UG/L	B
		SELENIUM	09-OCT-91	5	8.00	UG/L	
		SELENIUM	09-OCT-91	5	9.00	UG/L	
		SILVER	09-OCT-91	10	2.00	UG/L	U
		SILVER	09-OCT-91	10	8.20	UG/L	B
		SODIUM	09-OCT-91	5000	134000.00	UG/L	
		SODIUM	09-OCT-91	5000	134000.00	UG/L	
		STRONTIUM	09-OCT-91	200	3040.00	UG/L	
		STRONTIUM	09-OCT-91	200	3030.00	UG/L	
		THALLIUM	09-OCT-91	10	1.00	UG/L	U
		THALLIUM	09-OCT-91	10	1.00	UG/L	U
		TIN	09-OCT-91	200	63.50	UG/L	B
		TIN	09-OCT-91	200	68.60	UG/L	B
		VANADIUM	09-OCT-91	50	12.10	UG/L	B
		VANADIUM	09-OCT-91	50	24.80	UG/L	BN*
		ZINC	09-OCT-91	20	14.50	UG/L	B
		ZINC	09-OCT-91	20	38.20	UG/L	*
		ALUMINUM	25-MAR-91	200	129.00	UG/L	B
		ANTIMONY	25-MAR-91	60	37.00	UG/L	B
		ARSENIC	25-MAR-91	10	2.00	UG/L	U
		BARIUM	25-MAR-91	200	94.70	UG/L	B
		BERYLLIUM	25-MAR-91	5	1.00	UG/L	U
		CADMIUM	25-MAR-91	5	3.30	UG/L	B
		CALCIUM	25-MAR-91	5000	131000.00	UG/L	
		CESIUM	25-MAR-91	1000	112.00	UG/L	U
		CHROMIUM	25-MAR-91	10	17.60	UG/L	
		COBALT	25-MAR-91	50	10.90	UG/L	B
		COPPER	25-MAR-91	25	13.30	UG/L	B
		CYANIDE	25-MAR-91	10	20.50	UG/L	
		IRON	25-MAR-91	100	28.50	UG/L	B
		LEAD	25-MAR-91	3	1.00	UG/L	U
		LITHIUM	25-MAR-91	100	37.00	UG/L	B
		MAGNESIUM	25-MAR-91	5000	142000.00	UG/L	
		MANGANESE	25-MAR-91	15	1.00	UG/L	U
		MERCURY	25-MAR-91	0	0.27	UG/L	
		MOLYBDENUM	25-MAR-91	200	13.10	UG/L	B
		NICKEL	25-MAR-91	40	19.40	UG/L	B
		POTASSIUM	25-MAR-91	5000	952.00	UG/L	B
		SELENIUM	25-MAR-91	5	4.00	UG/L	B
		SILVER	25-MAR-91	10	7.00	UG/L	B
		SODIUM	25-MAR-91	5000	122000.00	UG/L	
		STRONTIUM	25-MAR-91	200	3540.00	UG/L	
		THALLIUM	25-MAR-91	10	3.00	UG/L	U
		TIN	25-MAR-91	200	92.70	UG/L	B
		VANADIUM	25-MAR-91	50	17.50	UG/L	B
		ZINC	25-MAR-91	20	2.00	UG/L	U
		ALUMINUM	31-MAY-91	200	55.30	UG/L	B
		ALUMINUM	31-MAY-91	200	51.90	UG/L	B
		ALUMINUM	31-MAY-91	200	11.00	UG/L	U
		ANTIMONY	31-MAY-91	60	50.80	UG/L	B
		ANTIMONY	31-MAY-91	60	53.00	UG/L	B
		ANTIMONY	31-MAY-91	60	6.00	UG/L	U
		ARSENIC	31-MAY-91	10	2.00	UG/L	U
		ARSENIC	31-MAY-91	10	2.00	UG/L	U
		ARSENIC	31-MAY-91	10	2.00	UG/L	U
		BARIUM	31-MAY-91	200	66.70	UG/L	B
		BARIUM	31-MAY-91	200	73.00	UG/L	B
		BARIUM	31-MAY-91	200	2.00	UG/L	U
		BERYLLIUM	31-MAY-91	5	1.00	UG/L	U
		BERYLLIUM	31-MAY-91	5	1.00	UG/L	U
		BERYLLIUM	31-MAY-91	5	1.00	UG/L	U
		CADMIUM	31-MAY-91	5	2.00	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		CADMIUM	31-MAY-91	5	2.00	UG/L	U
		CADMIUM	31-MAY-91	5	2.00	UG/L	U
		CALCIUM	31-MAY-91	5000	89100.00	UG/L	
		CALCIUM	31-MAY-91	5000	229.00	UG/L	B
		CALCIUM	31-MAY-91	5000	90800.00	UG/L	
		CESIUM	31-MAY-91	1000	50.00	UG/L	B
		CESIUM	31-MAY-91	1000	50.00	UG/L	B
		CESIUM	31-MAY-91	1000	50.00	UG/L	B
		CHROMIUM	31-MAY-91	10	3.90	UG/L	B
		CHROMIUM	31-MAY-91	10	3.00	UG/L	U
		CHROMIUM	31-MAY-91	10	3.20	UG/L	B
		COBALT	31-MAY-91	50	5.90	UG/L	B
		COBALT	31-MAY-91	50	4.80	UG/L	B
		COBALT	31-MAY-91	50	3.00	UG/L	U
		COPPER	31-MAY-91	25	11.00	UG/L	U
		COPPER	31-MAY-91	25	11.00	UG/L	U
		COPPER	31-MAY-91	25	11.00	UG/L	U
		CYANIDE	31-MAY-91	10	8.50	UG/L	
		CYANIDE	31-MAY-91	10	10.00	UG/L	
		CYANIDE	31-MAY-91	10	2.50	UG/L	U
		IRON	31-MAY-91	100	22.70	UG/L	B
		IRON	31-MAY-91	100	7.00	UG/L	U
		IRON	31-MAY-91	100	17.10	UG/L	B
		LEAD	31-MAY-91	3	1.00	UG/L	U
		LEAD	31-MAY-91	3	1.00	UG/L	U
		LEAD	31-MAY-91	3	1.00	UG/L	U
		LITHIUM	31-MAY-91	100	34.80	UG/L	B
		LITHIUM	31-MAY-91	100	35.50	UG/L	B
		LITHIUM	31-MAY-91	100	2.00	UG/L	U
		MAGNESIUM	31-MAY-91	5000	95600.00	UG/L	
		MAGNESIUM	31-MAY-91	5000	30.50	UG/L	B
		MAGNESIUM	31-MAY-91	5000	98000.00	UG/L	
		MANGANESE	31-MAY-91	15	1.00	UG/L	U
		MANGANESE	31-MAY-91	15	5.70	UG/L	B
		MANGANESE	31-MAY-91	15	1.00	UG/L	U
		MERCURY	31-MAY-91	0	0.20	UG/L	U
		MERCURY	31-MAY-91	0	0.20	UG/L	U
		MERCURY	31-MAY-91	0	0.20	UG/L	U
		MOLYBDENUM	31-MAY-91	200	3.30	UG/L	B
		MOLYBDENUM	31-MAY-91	200	11.00	UG/L	B
		MOLYBDENUM	31-MAY-91	200	2.00	UG/L	U
		NICKEL	31-MAY-91	40	8.70	UG/L	B
		NICKEL	31-MAY-91	40	9.60	UG/L	B
		NICKEL	31-MAY-91	40	3.00	UG/L	U
		POTASSIUM	31-MAY-91	5000	735.00	UG/L	BE
		POTASSIUM	31-MAY-91	5000	60.00	UG/L	UE
		POTASSIUM	31-MAY-91	5000	772.00	UG/L	BE
		SELENIUM	31-MAY-91	5	7.00	UG/L	
		SELENIUM	31-MAY-91	5	8.00	UG/L	
		SELENIUM	31-MAY-91	5	2.00	UG/L	U
		SILVER	31-MAY-91	10	2.00	UG/L	U
		SILVER	31-MAY-91	10	2.00	UG/L	U
		SILVER	31-MAY-91	10	2.00	UG/L	U
		SODIUM	31-MAY-91	5000	103000.00	UG/L	
		SODIUM	31-MAY-91	5000	115.00	UG/L	B
		SODIUM	31-MAY-91	5000	106000.00	UG/L	
		STRONTIUM	31-MAY-91	200	2420.00	UG/L	
		STRONTIUM	31-MAY-91	200	3.10	UG/L	B
		STRONTIUM	31-MAY-91	200	2500.00	UG/L	
		THALLIUM	31-MAY-91	10	1.00	UG/L	UWN
		THALLIUM	31-MAY-91	10	1.00	UG/L	UWN
		THALLIUM	31-MAY-91	10	1.00	UG/L	UW
		TIN	31-MAY-91	200	31.10	UG/L	B
		TIN	31-MAY-91	200	21.80	UG/L	B
		TIN	31-MAY-91	200	10.00	UG/L	U
		VANADIUM	31-MAY-91	50	6.00	UG/L	B
		VANADIUM	31-MAY-91	50	6.20	UG/L	B
		VANADIUM	31-MAY-91	50	2.00	UG/L	U
		ZINC	31-MAY-91	20	6.50	UG/L	B
		ZINC	31-MAY-91	20	4.90	UG/L	B

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		ZINC	31-MAY-91	20	4.70	UG/L	B
P207689	RADS	AMERICIUM-241	02-AUG-91	.01	.004087	PCI/L	J
		CESIUM-137	02-AUG-91	1	.08948	PCI/L	J
		GROSS ALPHA - DISSOLVED	02-AUG-91	2	47.93	PCI/L	
		GROSS BETA - DISSOLVED	02-AUG-91	4	9.421	PCI/L	
		PLUTONIUM-239/240	02-AUG-91	.01	0	PCI/L	J
		RADIUM-226	02-AUG-91	.5	.1828	PCI/L	J
		STRONTIUM-89,90	02-AUG-91	1	1.193	PCI/L	
		TRITIUM	02-AUG-91	400	228.6	PCI/L	J
		URANIUM-233,-234	02-AUG-91	.6	10.72	PCI/L	
		URANIUM-235	02-AUG-91	.6	.1876	PCI/L	J
		URANIUM-238	02-AUG-91	.6	8.328	PCI/L	
		AMERICIUM-241	25-MAR-91	.01	.007638	PCI/L	J
		CESIUM-137	25-MAR-91	1	-.0948	PCI/L	J
		GROSS ALPHA - DISSOLVED	25-MAR-91	2	4.578	PCI/L	
		GROSS BETA - DISSOLVED	25-MAR-91	4	6.405	PCI/L	
		PLUTONIUM-239/240	25-MAR-91	.01	.001203	PCI/L	J
		STRONTIUM-89,90	25-MAR-91	1	.4079	PCI/L	J
		TRITIUM	25-MAR-91	400	271.7	PCI/L	J
		URANIUM-233,-234	25-MAR-91	.6	8.476	PCI/L	
		URANIUM-235	25-MAR-91	.6	.1333	PCI/L	J
		URANIUM-238	25-MAR-91	.6	6.228	PCI/L	
P207689	VOA	1,1,1-TRICHLOROETHANE	02-AUG-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	02-AUG-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	02-AUG-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	02-AUG-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	02-AUG-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	02-AUG-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	02-AUG-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	02-AUG-91	5	5	UG/L	U
		2-BUTANONE	02-AUG-91	10	10	UG/L	U
		2-HEXANONE	02-AUG-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	02-AUG-91	10	10	UG/L	U
		ACETONE	02-AUG-91	10	10	UG/L	U
		BENZENE	02-AUG-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	02-AUG-91	5	5	UG/L	U
		BROMOFORM	02-AUG-91	5	5	UG/L	U
		BROMOMETHANE	02-AUG-91	10	10	UG/L	U
		CARBON DISULFIDE	02-AUG-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	02-AUG-91	5	5	UG/L	U
		CHLOROBENZENE	02-AUG-91	5	5	UG/L	U
		CHLOROETHANE	02-AUG-91	10	10	UG/L	U
		CHLOROFORM	02-AUG-91	5	5	UG/L	U
		CHLOROMETHANE	02-AUG-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	02-AUG-91	5	5	UG/L	U
		ETHYLBENZENE	02-AUG-91	5	5	UG/L	U
		METHYLENE CHLORIDE	02-AUG-91	5	5	UG/L	U
		STYRENE	02-AUG-91	5	5	UG/L	U
		TETRACHLOROETHENE	02-AUG-91	5	5	UG/L	U
		TOLUENE	02-AUG-91	5	5	UG/L	U
		TOTAL XYLENES	02-AUG-91	5	5	UG/L	U
		TRICHLOROETHENE	02-AUG-91	5	5	UG/L	U
		VINYL ACETATE	02-AUG-91	10	10	UG/L	U
		VINYL CHLORIDE	02-AUG-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	02-AUG-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	02-AUG-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	09-OCT-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	09-OCT-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	09-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	09-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	09-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	09-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	09-OCT-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	09-OCT-91	5	5	UG/L	U
		2-BUTANONE	09-OCT-91	10	10	UG/L	U
		2-HEXANONE	09-OCT-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	09-OCT-91	10	10	UG/L	U
		ACETONE	09-OCT-91	10	10	UG/L	U
		BENZENE	09-OCT-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	09-OCT-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		BROMOFORM	09-OCT-91	5	5	UG/L	U
		BROMOMETHANE	09-OCT-91	10	10	UG/L	U
		CARBON DISULFIDE	09-OCT-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	09-OCT-91	5	5	UG/L	U
		CHLOROBENZENE	09-OCT-91	5	5	UG/L	U
		CHLOROETHANE	09-OCT-91	10	10	UG/L	U
		CHLOROFORM	09-OCT-91	5	5	UG/L	U
		CHLOROMETHANE	09-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	09-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	09-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	09-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	09-OCT-91	5	5	UG/L	U
		STYRENE	09-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	09-OCT-91	5	5	UG/L	U
		TOLUENE	09-OCT-91	5	5	UG/L	U
		TOTAL XYLENES	09-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	09-OCT-91	5	5	UG/L	U
		VINYL ACETATE	09-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	09-OCT-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	09-OCT-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	09-OCT-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	25-MAR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	25-MAR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	25-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	25-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	25-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	25-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	25-MAR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	25-MAR-91	5	5	UG/L	U
		2-BUTANONE	25-MAR-91	10	10	UG/L	U
		2-HEXANONE	25-MAR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	25-MAR-91	10	10	UG/L	U
		ACETONE	25-MAR-91	10	10	UG/L	U
		BENZENE	25-MAR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	25-MAR-91	5	5	UG/L	U
		BROMOFORM	25-MAR-91	5	5	UG/L	U
		BROMOMETHANE	25-MAR-91	10	10	UG/L	U
		CARBON DISULFIDE	25-MAR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	25-MAR-91	5	5	UG/L	U
		CHLOROBENZENE	25-MAR-91	5	5	UG/L	U
		CHLOROETHANE	25-MAR-91	10	10	UG/L	U
		CHLOROFORM	25-MAR-91	5	5	UG/L	U
		CHLOROMETHANE	25-MAR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	25-MAR-91	5	5	UG/L	U
		ETHYLBENZENE	25-MAR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	25-MAR-91	5	5	UG/L	U
		STYRENE	25-MAR-91	5	5	UG/L	U
		TETRACHLOROETHENE	25-MAR-91	5	5	UG/L	U
		TOLUENE	25-MAR-91	5	5	UG/L	U
		TOTAL XYLENES	25-MAR-91	5	5	UG/L	U
		TRICHLOROETHENE	25-MAR-91	5	5	UG/L	U
		VINYL ACETATE	25-MAR-91	10	10	UG/L	U
		VINYL CHLORIDE	25-MAR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	25-MAR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	25-MAR-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	31-MAY-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	31-MAY-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	31-MAY-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		1,2-DICHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	31-MAY-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	31-MAY-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	31-MAY-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	31-MAY-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	31-MAY-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	31-MAY-91	5	5	UG/L	U
		2-BUTANONE	31-MAY-91	10	10	UG/L	U
		2-BUTANONE	31-MAY-91	10	10	UG/L	U
		2-BUTANONE	31-MAY-91	10	10	UG/L	U
		2-HEXANONE	31-MAY-91	10	10	UG/L	U
		2-HEXANONE	31-MAY-91	10	10	UG/L	U
		2-HEXANONE	31-MAY-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	31-MAY-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	31-MAY-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	31-MAY-91	10	10	UG/L	U
		ACETONE	31-MAY-91	10	10	UG/L	U
		ACETONE	31-MAY-91	10	10	UG/L	U
		ACETONE	31-MAY-91	10	10	UG/L	U
		BENZENE	31-MAY-91	5	5	UG/L	U
		BENZENE	31-MAY-91	5	5	UG/L	U
		BENZENE	31-MAY-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	31-MAY-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	31-MAY-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	31-MAY-91	5	5	UG/L	U
		BROMOFORM	31-MAY-91	5	5	UG/L	U
		BROMOFORM	31-MAY-91	5	5	UG/L	U
		BROMOFORM	31-MAY-91	5	5	UG/L	U
		BROMOMETHANE	31-MAY-91	10	10	UG/L	U
		BROMOMETHANE	31-MAY-91	10	10	UG/L	U
		BROMOMETHANE	31-MAY-91	10	10	UG/L	U
		CARBON DISULFIDE	31-MAY-91	5	5	UG/L	U
		CARBON DISULFIDE	31-MAY-91	5	5	UG/L	U
		CARBON DISULFIDE	31-MAY-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	31-MAY-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	31-MAY-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	31-MAY-91	5	5	UG/L	U
		CHLOROBENZENE	31-MAY-91	5	5	UG/L	U
		CHLOROBENZENE	31-MAY-91	5	5	UG/L	U
		CHLOROBENZENE	31-MAY-91	5	5	UG/L	U
		CHLOROETHANE	31-MAY-91	10	10	UG/L	U
		CHLOROETHANE	31-MAY-91	10	10	UG/L	U
		CHLOROETHANE	31-MAY-91	10	10	UG/L	U
		CHLOROFORM	31-MAY-91	5	5	UG/L	U
		CHLOROFORM	31-MAY-91	5	5	UG/L	U
		CHLOROFORM	31-MAY-91	5	5	UG/L	U
		CHLOROMETHANE	31-MAY-91	10	10	UG/L	U
		CHLOROMETHANE	31-MAY-91	10	10	UG/L	U
		CHLOROMETHANE	31-MAY-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	31-MAY-91	5	5	UG/L	U
		DIBROMOCHLOROMETHANE	31-MAY-91	5	5	UG/L	U
		DIBROMOCHLOROMETHANE	31-MAY-91	5	5	UG/L	U
		ETHYLBENZENE	31-MAY-91	5	5	UG/L	U
		ETHYLBENZENE	31-MAY-91	5	5	UG/L	U
		ETHYLBENZENE	31-MAY-91	5	5	UG/L	U
		METHYLENE CHLORIDE	31-MAY-91	5	1	UG/L	BJ
		METHYLENE CHLORIDE	31-MAY-91	5	5	UG/L	U
		METHYLENE CHLORIDE	31-MAY-91	5	5	UG/L	U
		STYRENE	31-MAY-91	5	5	UG/L	U
		STYRENE	31-MAY-91	5	5	UG/L	U
		STYRENE	31-MAY-91	5	5	UG/L	U
		TETRACHLOROETHENE	31-MAY-91	5	5	UG/L	U
		TETRACHLOROETHENE	31-MAY-91	5	5	UG/L	U
		TETRACHLOROETHENE	31-MAY-91	5	5	UG/L	U
		TOLUENE	31-MAY-91	5	5	UG/L	U
		TOLUENE	31-MAY-91	5	5	UG/L	U
		TOLUENE	31-MAY-91	5	5	UG/L	U
		TOTAL XYLENES	31-MAY-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		TOTAL XYLENES	31-MAY-91	5	5	UG/L	U
		TOTAL XYLENES	31-MAY-91	5	5	UG/L	U
		TRICHLOROETHENE	31-MAY-91	5	5	UG/L	U
		TRICHLOROETHENE	31-MAY-91	5	5	UG/L	U
		TRICHLOROETHENE	31-MAY-91	5	5	UG/L	U
		VINYL ACETATE	31-MAY-91	10	10	UG/L	U
		VINYL ACETATE	31-MAY-91	10	10	UG/L	U
		VINYL ACETATE	31-MAY-91	10	10	UG/L	U
		VINYL CHLORIDE	31-MAY-91	10	10	UG/L	U
		VINYL CHLORIDE	31-MAY-91	10	10	UG/L	U
		VINYL CHLORIDE	31-MAY-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	31-MAY-91	5	5	UG/L	U
		cis-1,3-DICHLOROPROPENE	31-MAY-91	5	5	UG/L	U
		cis-1,3-DICHLOROPROPENE	31-MAY-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	31-MAY-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	31-MAY-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	31-MAY-91	5	5	UG/L	U
P207689	WQHP	BICARBONATE AS CACO3	02-AUG-91	1.0	430	MG/L	
		CARBONATE AS CACO3	02-AUG-91	1.0	1	MG/L	U
		CHLORIDE	02-AUG-91	0.2	110	MG/L	
		FLUORIDE	02-AUG-91	0.1	2.9	MG/L	
		NITRATE/NITRITE	02-AUG-91	0.02	28	MG/L	
		ORTHOPHOSPHATE	02-AUG-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	02-AUG-91	0.4	9.4	MG/L	
		SULFATE	02-AUG-91	2.0	120	MG/L	
		TOTAL DISSOLVED SOLIDS	02-AUG-91	10.0	1100	MG/L	
		TOTAL SUSPENDED SOLIDS	02-AUG-91	4.0	160	MG/L	
		BICARBONATE AS CACO3	09-OCT-91	1.0	390	MG/L	
		CARBONATE AS CACO3	09-OCT-91	1.0	1	MG/L	U
		CHLORIDE	09-OCT-91	0.2	56	MG/L	
		FLUORIDE	09-OCT-91	0.1	2.8	MG/L	
		NITRATE/NITRITE	09-OCT-91	0.02	110	MG/L	
		ORTHOPHOSPHATE	09-OCT-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	09-OCT-91	0.4	10	MG/L	
		SULFATE	09-OCT-91	2.0	170	MG/L	
		TOTAL DISSOLVED SOLIDS	09-OCT-91	10.0	1300	MG/L	
		TOTAL SUSPENDED SOLIDS	09-OCT-91	4.0	210	MG/L	
		BICARBONATE AS CACO3	25-MAR-91	1.0	350	MG/L	
		CARBONATE AS CACO3	25-MAR-91	1.0	0	MG/L	
		CHLORIDE	25-MAR-91	0.2	52	MG/L	
		FLUORIDE	25-MAR-91	0.1	2.5	MG/L	
		NITRATE/NITRITE	25-MAR-91	0.02	150	MG/L	
		ORTHOPHOSPHATE	25-MAR-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	25-MAR-91	0.4	8.4	MG/L	
		SULFATE	25-MAR-91	2.0	110	MG/L	
		TOTAL DISSOLVED SOLIDS	25-MAR-91	10.0	1500	MG/L	
		TOTAL SUSPENDED SOLIDS	25-MAR-91	4.0	6	MG/L	
		BICARBONATE AS CACO3	31-MAY-91	1.0	380	MG/L	
		BICARBONATE AS CACO3	31-MAY-91	1.0	390	MG/L	
		BICARBONATE AS CACO3	31-MAY-91	1.0	3	MG/L	
		CARBONATE AS CACO3	31-MAY-91	1.0	1	MG/L	U
		CARBONATE AS CACO3	31-MAY-91	1.0	1	MG/L	U
		CARBONATE AS CACO3	31-MAY-91	1.0	1	MG/L	U
		CHLORIDE	31-MAY-91	0.2	45	MG/L	
		CHLORIDE	31-MAY-91	0.2	42	MG/L	
		CHLORIDE	31-MAY-91	0.2	0.2	MG/L	U
		FLUORIDE	31-MAY-91	0.1	2.5	MG/L	
		FLUORIDE	31-MAY-91	0.1	2.6	MG/L	
		FLUORIDE	31-MAY-91	0.1	0.1	MG/L	U
		NITRATE/NITRITE	31-MAY-91	0.02	37	MG/L	
		NITRATE/NITRITE	31-MAY-91	0.02	0.02	MG/L	U
		NITRATE/NITRITE	31-MAY-91	0.02	34	MG/L	
		ORTHOPHOSPHATE	31-MAY-91	0.01	0.01	MG/L	U
		ORTHOPHOSPHATE	31-MAY-91	0.01	0.01	MG/L	U
		ORTHOPHOSPHATE	31-MAY-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	31-MAY-91	0.4	8.7	MG/L	
		SILICA, DISSOLVED	31-MAY-91	0.4	8.7	MG/L	
		SILICA, DISSOLVED	31-MAY-91	0.4	0.4	MG/L	U
		SULFATE	31-MAY-91	2.0	93	MG/L	
		SULFATE	31-MAY-91	2.0	2	MG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		SULFATE	31-MAY-91	2.0	150	MG/L	
		TOTAL DISSOLVED SOLIDS	31-MAY-91	10.0	160	MG/L	
		TOTAL DISSOLVED SOLIDS	31-MAY-91	10.0	4	MG/L	U
		TOTAL DISSOLVED SOLIDS	31-MAY-91	10.0	150	MG/L	
		TOTAL SUSPENDED SOLIDS	31-MAY-91	4.0	1100	MG/L	
		TOTAL SUSPENDED SOLIDS	31-MAY-91	4.0	1000	MG/L	
		TOTAL SUSPENDED SOLIDS	31-MAY-91	4.0	10	MG/L	U
P207889	METALS	ALUMINUM	09-OCT-91	200	63.60	UG/L	B
		ALUMINUM	09-OCT-91	200	830.00	UG/L	*
		ANTIMONY	09-OCT-91	60	42.80	UG/L	B
		ANTIMONY	09-OCT-91	60	60.20	UG/L	N
		ARSENIC	09-OCT-91	10	2.00	UG/L	U
		ARSENIC	09-OCT-91	10	2.00	UG/L	UN
		BARIUM	09-OCT-91	200	23.90	UG/L	B
		BARIUM	09-OCT-91	200	28.20	UG/L	B*
		BERYLLIUM	09-OCT-91	5	1.00	UG/L	U
		BERYLLIUM	09-OCT-91	5	1.00	UG/L	U
		CADMIUM	09-OCT-91	5	3.80	UG/L	B
		CADMIUM	09-OCT-91	5	4.80	UG/L	B
		CALCIUM	09-OCT-91	5000	94200.00	UG/L	
		CALCIUM	09-OCT-91	5000	91000.00	UG/L	*
		CESIUM	09-OCT-91	1000	51.00	UG/L	U
		CESIUM	09-OCT-91	1000	51.00	UG/L	U
		CHROMIUM	09-OCT-91	10	11.60	UG/L	
		CHROMIUM	09-OCT-91	10	10.30	UG/L	N*
		COBALT	09-OCT-91	50	3.00	UG/L	U
		COBALT	09-OCT-91	50	3.70	UG/L	B
		COPPER	09-OCT-91	25	4.40	UG/L	B
		COPPER	09-OCT-91	25	10.80	UG/L	B*
		CYANIDE	09-OCT-91	10	2.00	UG/L	U
		IRON	09-OCT-91	100	23.20	UG/L	B
		IRON	09-OCT-91	100	716.00	UG/L	*
		LEAD	09-OCT-91	3	1.00	UG/L	U
		LEAD	09-OCT-91	3	1.00	UG/L	UN*
		LITHIUM	09-OCT-91	100	25.00	UG/L	B
		LITHIUM	09-OCT-91	100	25.30	UG/L	B
		MAGNESIUM	09-OCT-91	5000	65600.00	UG/L	
		MAGNESIUM	09-OCT-91	5000	62000.00	UG/L	*
		MANGANESE	09-OCT-91	15	2.00	UG/L	B
		MANGANESE	09-OCT-91	15	13.70	UG/L	BN*
		MERCURY	09-OCT-91	0	0.47	UG/L	
		MERCURY	09-OCT-91	0	0.56	UG/L	N
		MOLYBDENUM	09-OCT-91	200	8.00	UG/L	B
		MOLYBDENUM	09-OCT-91	200	10.50	UG/L	B
		NICKEL	09-OCT-91	40	17.00	UG/L	U
		NICKEL	09-OCT-91	40	17.00	UG/L	U*
		POTASSIUM	09-OCT-91	5000	312.00	UG/L	B
		POTASSIUM	09-OCT-91	5000	446.00	UG/L	B
		SELENIUM	09-OCT-91	5	17.80	UG/L	S
		SELENIUM	09-OCT-91	5	18.00	UG/L	
		SILVER	09-OCT-91	10	2.00	UG/L	U
		SILVER	09-OCT-91	10	2.60	UG/L	B
		SODIUM	09-OCT-91	5000	180000.00	UG/L	
		SODIUM	09-OCT-91	5000	172000.00	UG/L	
		STRONTIUM	09-OCT-91	200	1480.00	UG/L	
		STRONTIUM	09-OCT-91	200	1400.00	UG/L	
		THALLIUM	09-OCT-91	10	1.00	UG/L	U
		THALLIUM	09-OCT-91	10	1.00	UG/L	UW
		TIN	09-OCT-91	200	54.10	UG/L	B
		TIN	09-OCT-91	200	42.10	UG/L	B
		VANADIUM	09-OCT-91	50	9.70	UG/L	B
		VANADIUM	09-OCT-91	50	11.20	UG/L	BN*
		ZINC	09-OCT-91	20	10.30	UG/L	B
		ZINC	09-OCT-91	20	25.50	UG/L	*
		ALUMINUM	11-JUN-91	200	44.80	UG/L	B
		ANTIMONY	11-JUN-91	60	38.00	UG/L	B
		ARSENIC	11-JUN-91	10	2.00	UG/L	U
		BARIUM	11-JUN-91	200	33.10	UG/L	B
		BERYLLIUM	11-JUN-91	5	1.00	UG/L	U
		CADMIUM	11-JUN-91	5	2.00	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		CALCIUM	11-JUN-91	5000	118000.00	UG/L	
		CESIUM	11-JUN-91	1000	112.00	UG/L	U
		CHROMIUM	11-JUN-91	10	3.00	UG/L	U
		COBALT	11-JUN-91	50	3.00	UG/L	U
		COPPER	11-JUN-91	25	11.00	UG/L	U
		CYANIDE	11-JUN-91	10	2.50	UG/L	U
		IRON	11-JUN-91	100	19.90	UG/L	B
		LEAD	11-JUN-91	3	1.00	UG/L	UW
		LITHIUM	11-JUN-91	100	20.30	UG/L	B
		MAGNESIUM	11-JUN-91	5000	72400.00	UG/L	
		MANGANESE	11-JUN-91	15	1.00	UG/L	U
		MERCURY	11-JUN-91	0	0.20	UG/L	U
		MOLYBDENUM	11-JUN-91	200	2.00	UG/L	U
		NICKEL	11-JUN-91	40	3.00	UG/L	U
		POTASSIUM	11-JUN-91	5000	188.00	UG/L	B
		SELENIUM	11-JUN-91	5	27.00	UG/L	S
		SILVER	11-JUN-91	10	2.00	UG/L	U
		SODIUM	11-JUN-91	5000	168000.00	UG/L	
		STRONTIUM	11-JUN-91	200	1670.00	UG/L	
		THALLIUM	11-JUN-91	10	1.00	UG/L	U
		TIN	11-JUN-91	200	33.40	UG/L	B
		VANADIUM	11-JUN-91	50	2.00	UG/L	U
		ZINC	11-JUN-91	20	12.70	UG/L	B
		ALUMINUM	25-JUL-91	200	90.70	UG/L	B*
		ALUMINUM	25-JUL-91	200	44.50	UG/L	B
		ANTIMONY	25-JUL-91	60	68.10	UG/L	
		ANTIMONY	25-JUL-91	60	28.70	UG/L	BN
		ARSENIC	25-JUL-91	10	2.00	UG/L	U
		ARSENIC	25-JUL-91	10	2.00	UG/L	UN
		BARIUM	25-JUL-91	200	29.30	UG/L	B
		BARIUM	25-JUL-91	200	29.80	UG/L	B
		BERYLLIUM	25-JUL-91	5	1.00	UG/L	U
		BERYLLIUM	25-JUL-91	5	1.00	UG/L	U
		CADMIUM	25-JUL-91	5	1.00	UG/L	B
		CADMIUM	25-JUL-91	5	1.00	UG/L	U
		CALCIUM	25-JUL-91	5000	109000.00	UG/L	
		CALCIUM	25-JUL-91	5000	100000.00	UG/L	
		CESIUM	25-JUL-91	1000	100.00	UG/L	B
		CESIUM	25-JUL-91	1000	32.00	UG/L	U
		CHROMIUM	25-JUL-91	10	8.90	UG/L	B
		CHROMIUM	25-JUL-91	10	9.00	UG/L	B*
		COBALT	25-JUL-91	50	2.00	UG/L	U
		COBALT	25-JUL-91	50	2.00	UG/L	U
		COPPER	25-JUL-91	25	3.90	UG/L	B
		COPPER	25-JUL-91	25	3.00	UG/L	U
		CYANIDE	25-JUL-91	10	2.00	UG/L	B
		IRON	25-JUL-91	100	19.20	UG/L	B
		IRON	25-JUL-91	100	73.10	UG/L	B*
		LEAD	25-JUL-91	3	1.00	UG/L	UN*
		LEAD	25-JUL-91	3	1.00	UG/L	U
		LITHIUM	25-JUL-91	100	25.90	UG/L	B
		LITHIUM	25-JUL-91	100	24.50	UG/L	B
		MAGNESIUM	25-JUL-91	5000	69200.00	UG/L	
		MAGNESIUM	25-JUL-91	5000	62400.00	UG/L	
		MANGANESE	25-JUL-91	15	1.00	UG/L	U
		MANGANESE	25-JUL-91	15	1.00	UG/L	U
		MERCURY	25-JUL-91	0	0.20	UG/L	U
		MERCURY	25-JUL-91	0	0.20	UG/L	U
		MOLYBDENUM	25-JUL-91	200	7.60	UG/L	B
		MOLYBDENUM	25-JUL-91	200	4.10	UG/L	B
		NICKEL	25-JUL-91	40	3.00	UG/L	U
		NICKEL	25-JUL-91	40	3.00	UG/L	U
		POTASSIUM	25-JUL-91	5000	356.00	UG/L	B
		POTASSIUM	25-JUL-91	5000	303.00	UG/L	B
		SELENIUM	25-JUL-91	5	20.70	UG/L	S
		SELENIUM	25-JUL-91	5	20.00	UG/L	
		SILVER	25-JUL-91	10	2.00	UG/L	U
		SILVER	25-JUL-91	10	2.00	UG/L	U
		SODIUM	25-JUL-91	5000	175000.00	UG/L	
		SODIUM	25-JUL-91	5000	161000.00	UG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		STRONTIUM	25-JUL-91	200	1520.00	UG/L	
		STRONTIUM	25-JUL-91	200	1340.00	UG/L	
		THALLIUM	25-JUL-91	10	2.00	UG/L	UW
		THALLIUM	25-JUL-91	10	20.00	UG/L	UWN
		TIN	25-JUL-91	200	87.10	UG/L	B
		TIN	25-JUL-91	200	71.30	UG/L	B
		VANADIUM	25-JUL-91	50	6.60	UG/L	B
		VANADIUM	25-JUL-91	50	6.40	UG/L	B
		ZINC	25-JUL-91	20	10.00	UG/L	B
		ZINC	25-JUL-91	20	77.60	UG/L	
		ALUMINUM	26-MAR-91	200	72.60	UG/L	B
		ANTIMONY	26-MAR-91	60	18.30	UG/L	B
		ARSENIC	26-MAR-91	10	2.00	UG/L	U
		BARIUM	26-MAR-91	200	25.60	UG/L	B
		BERYLLIUM	26-MAR-91	5	1.00	UG/L	U
		CADMIUM	26-MAR-91	5	2.00	UG/L	U
		CALCIUM	26-MAR-91	5000	93000.00	UG/L	
		CESIUM	26-MAR-91	1000	112.00	UG/L	U
		CHROMIUM	26-MAR-91	10	7.30	UG/L	B
		COBALT	26-MAR-91	50	3.00	UG/L	U
		COPPER	26-MAR-91	25	11.00	UG/L	U
		CYANIDE	26-MAR-91	10	3.50	UG/L	U
		IRON	26-MAR-91	100	51.80	UG/L	B
		LEAD	26-MAR-91	3	1.00	UG/L	U
		LITHIUM	26-MAR-91	100	18.80	UG/L	B
		MAGNESIUM	26-MAR-91	5000	69800.00	UG/L	
		MANGANESE	26-MAR-91	15	1.00	UG/L	U
		MERCURY	26-MAR-91	0	0.27	UG/L	
		MOLYBDENUM	26-MAR-91	200	7.90	UG/L	B
		NICKEL	26-MAR-91	40	3.00	UG/L	U
		POTASSIUM	26-MAR-91	5000	294.00	UG/L	B
		SELENIUM	26-MAR-91	5	16.00	UG/L	
		SILVER	26-MAR-91	10	2.00	UG/L	U
		SODIUM	26-MAR-91	5000	180000.00	UG/L	
		STRONTIUM	26-MAR-91	200	1570.00	UG/L	
		THALLIUM	26-MAR-91	10	3.00	UG/L	U
		TIN	26-MAR-91	200	56.40	UG/L	B
		VANADIUM	26-MAR-91	50	9.70	UG/L	B
		ZINC	26-MAR-91	20	21.10	UG/L	
P207889	RADS	AMERICIUM-241	25-JUL-91	.01	.007576	PCI/L	J
		CESIUM-137	25-JUL-91	1	.0149	PCI/L	J
		GROSS ALPHA - DISSOLVED	25-JUL-91	2	15.31	PCI/L	
		GROSS BETA - DISSOLVED	25-JUL-91	4	7.466	PCI/L	
		PLUTONIUM-239/240	25-JUL-91	.01	.001081	PCI/L	J
		RADIUM-226	25-JUL-91	.5	.2602	PCI/L	J
		STRONTIUM-89,90	25-JUL-91	1	.7267	PCI/L	J
		TRITIUM	25-JUL-91	400	384	PCI/L	J
		URANIUM-233,-234	25-JUL-91	.6	8.851	PCI/L	
		URANIUM-235	25-JUL-91	.6	0	PCI/L	J
		URANIUM-238	25-JUL-91	.6	6.644	PCI/L	
		AMERICIUM-241	26-MAR-91	.01	.009134	PCI/L	J
		GROSS ALPHA - DISSOLVED	26-MAR-91	2	32.8	PCI/L	
		GROSS BETA - DISSOLVED	26-MAR-91	4	9.848	PCI/L	
		PLUTONIUM-239/240	26-MAR-91	.01	.004626	PCI/L	J
		TRITIUM	26-MAR-91	400	336.6	PCI/L	J
		URANIUM-233,-234	26-MAR-91	.6	16.68	PCI/L	
		URANIUM-235	26-MAR-91	.6	.5543	PCI/L	J
		URANIUM-238	26-MAR-91	.6	11.94	PCI/L	
P207889	VOA	1,1,1-TRICHLOROETHANE	09-OCT-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	09-OCT-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	09-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	09-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	09-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	09-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	09-OCT-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	09-OCT-91	5	5	UG/L	U
		2-BUTANONE	09-OCT-91	10	10	UG/L	U
		2-HEXANONE	09-OCT-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	09-OCT-91	10	10	UG/L	U
		ACETONE	09-OCT-91	10	10	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		BENZENE	09-OCT-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	09-OCT-91	5	5	UG/L	U
		BROMOFORM	09-OCT-91	5	5	UG/L	U
		BROMOMETHANE	09-OCT-91	10	10	UG/L	U
		CARBON DISULFIDE	09-OCT-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	09-OCT-91	5	5	UG/L	U
		CHLOROBENZENE	09-OCT-91	5	5	UG/L	U
		CHLOROETHANE	09-OCT-91	10	10	UG/L	U
		CHLOROFORM	09-OCT-91	5	5	UG/L	U
		CHLOROMETHANE	09-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	09-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	09-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	09-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	09-OCT-91	5	5	UG/L	U
		STYRENE	09-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	09-OCT-91	5	5	UG/L	U
		TOLUENE	09-OCT-91	5	5	UG/L	U
		TOTAL XYLENES	09-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	09-OCT-91	5	5	UG/L	U
		VINYL ACETATE	09-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	09-OCT-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	09-OCT-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	09-OCT-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	11-JUN-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	11-JUN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	11-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	11-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	11-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	11-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	11-JUN-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	11-JUN-91	5	5	UG/L	U
		2-BUTANONE	11-JUN-91	10	10	UG/L	U
		2-HEXANONE	11-JUN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	11-JUN-91	10	10	UG/L	U
		ACETONE	11-JUN-91	10	10	UG/L	U
		BENZENE	11-JUN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	11-JUN-91	5	5	UG/L	U
		BROMOFORM	11-JUN-91	5	5	UG/L	U
		BROMOMETHANE	11-JUN-91	10	10	UG/L	U
		CARBON DISULFIDE	11-JUN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	11-JUN-91	5	5	UG/L	U
		CHLOROBENZENE	11-JUN-91	5	5	UG/L	U
		CHLOROETHANE	11-JUN-91	10	10	UG/L	U
		CHLOROFORM	11-JUN-91	5	5	UG/L	U
		CHLOROMETHANE	11-JUN-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	11-JUN-91	5	5	UG/L	U
		ETHYLBENZENE	11-JUN-91	5	5	UG/L	U
		METHYLENE CHLORIDE	11-JUN-91	5	1	UG/L	BJ
		STYRENE	11-JUN-91	5	5	UG/L	U
		TETRACHLOROETHENE	11-JUN-91	5	5	UG/L	U
		TOLUENE	11-JUN-91	5	5	UG/L	U
		TOTAL XYLENES	11-JUN-91	5	2	UG/L	BJ
		TRICHLOROETHENE	11-JUN-91	5	5	UG/L	U
		VINYL ACETATE	11-JUN-91	10	10	UG/L	U
		VINYL CHLORIDE	11-JUN-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	11-JUN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	11-JUN-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	25-JUL-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	25-JUL-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	25-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	25-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	25-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	25-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	25-JUL-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	25-JUL-91	5	5	UG/L	U
		2-BUTANONE	25-JUL-91	10	10	UG/L	U
		2-HEXANONE	25-JUL-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	25-JUL-91	10	10	UG/L	U
		ACETONE	25-JUL-91	10	10	UG/L	U
		BENZENE	25-JUL-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		BROMODICHLOROMETHANE	25-JUL-91	5	5	UG/L	U
		BROMOFORM	25-JUL-91	5	5	UG/L	U
		BROMOMETHANE	25-JUL-91	10	10	UG/L	U
		CARBON DISULFIDE	25-JUL-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	25-JUL-91	5	5	UG/L	U
		CHLOROBENZENE	25-JUL-91	5	5	UG/L	U
		CHLOROETHANE	25-JUL-91	10	10	UG/L	U
		CHLOROFORM	25-JUL-91	5	5	UG/L	U
		CHLOROMETHANE	25-JUL-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	25-JUL-91	5	5	UG/L	U
		ETHYLBENZENE	25-JUL-91	5	5	UG/L	U
		METHYLENE CHLORIDE	25-JUL-91	5	5	UG/L	U
		STYRENE	25-JUL-91	5	5	UG/L	U
		TETRACHLOROETHENE	25-JUL-91	5	5	UG/L	U
		TOLUENE	25-JUL-91	5	5	UG/L	U
		TOTAL XYLENES	25-JUL-91	5	5	UG/L	U
		TRICHLOROETHENE	25-JUL-91	5	5	UG/L	U
		VINYL ACETATE	25-JUL-91	10	10	UG/L	U
		VINYL CHLORIDE	25-JUL-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	25-JUL-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	25-JUL-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	26-MAR-91	5	5	UG/L	U
		2-BUTANONE	26-MAR-91	10	10	UG/L	U
		2-HEXANONE	26-MAR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	26-MAR-91	10	10	UG/L	U
		ACETONE	26-MAR-91	10	10	UG/L	U
		BENZENE	26-MAR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	26-MAR-91	5	5	UG/L	U
		BROMOFORM	26-MAR-91	5	5	UG/L	U
		BROMOMETHANE	26-MAR-91	10	10	UG/L	U
		CARBON DISULFIDE	26-MAR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	26-MAR-91	5	5	UG/L	U
		CHLOROBENZENE	26-MAR-91	5	5	UG/L	U
		CHLOROETHANE	26-MAR-91	10	10	UG/L	U
		CHLOROFORM	26-MAR-91	5	5	UG/L	U
		CHLOROMETHANE	26-MAR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	26-MAR-91	5	5	UG/L	U
		ETHYLBENZENE	26-MAR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	26-MAR-91	5	5	UG/L	U
		STYRENE	26-MAR-91	5	5	UG/L	U
		TETRACHLOROETHENE	26-MAR-91	5	5	UG/L	U
		TOLUENE	26-MAR-91	5	5	UG/L	U
		TOTAL XYLENES	26-MAR-91	5	5	UG/L	U
		TRICHLOROETHENE	26-MAR-91	5	5	UG/L	U
		VINYL ACETATE	26-MAR-91	10	10	UG/L	U
		VINYL CHLORIDE	26-MAR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	26-MAR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	26-MAR-91	5	5	UG/L	U
P207889	WQHP	BICARBONATE AS CACO3	09-OCT-91	1.0	330	MG/L	
		CARBONATE AS CACO3	09-OCT-91	1.0	1	MG/L	U
		CHLORIDE	09-OCT-91	0.2	58	MG/L	
		FLUORIDE	09-OCT-91	0.1	2.6	MG/L	
		NITRATE/NITRITE	09-OCT-91	0.02	28	MG/L	
		ORTHOPHOSPHATE	09-OCT-91	0.01	0.01	MG/L	
		SILICA, DISSOLVED	09-OCT-91	0.4	5.5	MG/L	
		SULFATE	09-OCT-91	2.0	540	MG/L	
		TOTAL DISSOLVED SOLIDS	09-OCT-91	10.0	1100	MG/L	
		TOTAL SUSPENDED SOLIDS	09-OCT-91	4.0	22	MG/L	
		BICARBONATE AS CACO3	11-JUN-91	1.0	300	MG/L	
		CARBONATE AS CACO3	11-JUN-91	1.0	1	MG/L	U
		CHLORIDE	11-JUN-91	0.2	66	MG/L	
		FLUORIDE	11-JUN-91	0.1	1.8	MG/L	
		NITRATE/NITRITE	11-JUN-91	0.02	33	MG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		ORTHOPHOSPHATE	11-JUN-91	0.01	0.01	MG/L	
		SILICA, DISSOLVED	11-JUN-91	0.4	4.6	MG/L	
		SULFATE	11-JUN-91	2.0	350	MG/L	
		TOTAL DISSOLVED SOLIDS	11-JUN-91	10.0	1300	MG/L	
		TOTAL SUSPENDED SOLIDS	11-JUN-91	4.0	4	MG/L	U
		BICARBONATE AS CACO3	25-JUL-91	1.0	320	MG/L	
		CARBONATE AS CACO3	25-JUL-91	1.0	1	MG/L	U
		CHLORIDE	25-JUL-91	0.2	55	MG/L	
		FLUORIDE	25-JUL-91	0.1	2.1	MG/L	
		NITRATE/NITRITE	25-JUL-91	0.02	32	MG/L	
		ORTHOPHOSPHATE	25-JUL-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	25-JUL-91	0.4	5.9	MG/L	
		SULFATE	25-JUL-91	2.0	370	MG/L	
		TOTAL DISSOLVED SOLIDS	25-JUL-91	10.0	1200	MG/L	
		TOTAL SUSPENDED SOLIDS	25-JUL-91	4.0	4	MG/L	U
		BICARBONATE AS CACO3	26-MAR-91	1.0	360	MG/L	
		CARBONATE AS CACO3	26-MAR-91	1.0	0	MG/L	
		CHLORIDE	26-MAR-91	0.2	54	MG/L	
		FLUORIDE	26-MAR-91	0.1	2.6	MG/L	
		NITRATE/NITRITE	26-MAR-91	0.02	24	MG/L	
		ORTHOPHOSPHATE	26-MAR-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	26-MAR-91	0.4	5.5	MG/L	
		SULFATE	26-MAR-91	2.0	320	MG/L	
		TOTAL DISSOLVED SOLIDS	26-MAR-91	10.0	1000	MG/L	
		TOTAL SUSPENDED SOLIDS	26-MAR-91	4.0	13	MG/L	
P209289	VOA	1,1,1-TRICHLOROETHANE	30-MAY-91	5	10	UG/L	U
		1,1,1-TRICHLOROETHANE	30-MAY-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	30-MAY-91	5	10	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	30-MAY-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	30-MAY-91	5	10	UG/L	U
		1,1,2-TRICHLOROETHANE	30-MAY-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	30-MAY-91	5	10	UG/L	U
		1,1-DICHLOROETHANE	30-MAY-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	30-MAY-91	5	10	UG/L	U
		1,1-DICHLOROETHENE	30-MAY-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	30-MAY-91	5	10	UG/L	U
		1,2-DICHLOROETHANE	30-MAY-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	30-MAY-91	5	10	UG/L	U
		1,2-DICHLOROETHENE	30-MAY-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	30-MAY-91	5	10	UG/L	U
		1,2-DICHLOROPROPANE	30-MAY-91	5	5	UG/L	U
		2-BUTANONE	30-MAY-91	10	20	UG/L	U
		2-BUTANONE	30-MAY-91	10	10	UG/L	U
		2-HEXANONE	30-MAY-91	10	20	UG/L	U
		2-HEXANONE	30-MAY-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	30-MAY-91	10	20	UG/L	U
		4-METHYL-2-PENTANONE	30-MAY-91	10	10	UG/L	U
		ACETONE	30-MAY-91	10	20	UG/L	U
		ACETONE	30-MAY-91	10	10	UG/L	U
		BENZENE	30-MAY-91	5	10	UG/L	U
		BENZENE	30-MAY-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	30-MAY-91	5	10	UG/L	U
		BROMODICHLOROMETHANE	30-MAY-91	5	5	UG/L	U
		BROMOFORM	30-MAY-91	5	10	UG/L	U
		BROMOFORM	30-MAY-91	5	5	UG/L	U
		BROMOMETHANE	30-MAY-91	10	20	UG/L	U
		BROMOMETHANE	30-MAY-91	10	10	UG/L	U
		CARBON DISULFIDE	30-MAY-91	5	10	UG/L	U
		CARBON DISULFIDE	30-MAY-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	30-MAY-91	5	230	UG/L	D
		CARBON TETRACHLORIDE	30-MAY-91	5	330	UG/L	E
		CHLOROBENZENE	30-MAY-91	5	10	UG/L	U
		CHLOROBENZENE	30-MAY-91	5	5	UG/L	U
		CHLOROETHANE	30-MAY-91	10	20	UG/L	U
		CHLOROETHANE	30-MAY-91	10	10	UG/L	U
		CHLOROFORM	30-MAY-91	5	88	UG/L	D
		CHLOROFORM	30-MAY-91	5	100	UG/L	
		CHLOROMETHANE	30-MAY-91	10	20	UG/L	U
		CHLOROMETHANE	30-MAY-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	30-MAY-91	5	10	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		DIBROMOCHLOROMETHANE	30-MAY-91	5	5	UG/L	U
		ETHYLBENZENE	30-MAY-91	5	10	UG/L	U
		ETHYLBENZENE	30-MAY-91	5	5	UG/L	U
		METHYLENE CHLORIDE	30-MAY-91	5	6	UG/L	BDJ
		METHYLENE CHLORIDE	30-MAY-91	5	5	UG/L	U
		STYRENE	30-MAY-91	5	10	UG/L	U
		STYRENE	30-MAY-91	5	5	UG/L	U
		TETRACHLOROETHENE	30-MAY-91	5	10	UG/L	U
		TETRACHLOROETHENE	30-MAY-91	5	5	UG/L	U
		TOLUENE	30-MAY-91	5	10	UG/L	U
		TOLUENE	30-MAY-91	5	5	UG/L	U
		TOTAL XYLENES	30-MAY-91	5	5	UG/L	U
		TOTAL XYLENES	30-MAY-91	5	10	UG/L	U
		TRICHLOROETHENE	30-MAY-91	5	10	UG/L	U
		TRICHLOROETHENE	30-MAY-91	5	5	UG/L	U
		VINYL ACETATE	30-MAY-91	10	10	UG/L	U
		VINYL ACETATE	30-MAY-91	10	20	UG/L	U
		VINYL CHLORIDE	30-MAY-91	10	20	UG/L	U
		VINYL CHLORIDE	30-MAY-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	30-MAY-91	5	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	30-MAY-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	30-MAY-91	5	10	UG/L	U
		trans-1,3-DICHLOROPROPENE	30-MAY-91	5	5	UG/L	U
P209789	METALS	ALUMINUM	01-AUG-91	200	47.90	UG/L	B
		ALUMINUM	01-AUG-91	200	887.00	UG/L	
		ANTIMONY	01-AUG-91	60	34.00	UG/L	B
		ANTIMONY	01-AUG-91	60	28.40	UG/L	B
		ARSENIC	01-AUG-91	10	2.00	UG/L	U
		ARSENIC	01-AUG-91	10	2.00	UG/L	U
		BARIUM	01-AUG-91	200	135.00	UG/L	B
		BARIUM	01-AUG-91	200	140.00	UG/L	B
		BERYLLIUM	01-AUG-91	5	1.00	UG/L	U
		BERYLLIUM	01-AUG-91	5	1.00	UG/L	U
		CADMIUM	01-AUG-91	5	1.00	UG/L	U
		CADMIUM	01-AUG-91	5	1.00	UG/L	U
		CALCIUM	01-AUG-91	5000	92200.00	UG/L	
		CALCIUM	01-AUG-91	5000	94200.00	UG/L	
		CESIUM	01-AUG-91	1000	40.00	UG/L	B
		CESIUM	01-AUG-91	1000	32.00	UG/L	U
		CHROMIUM	01-AUG-91	10	7.10	UG/L	B
		CHROMIUM	01-AUG-91	10	8.20	UG/L	B
		COBALT	01-AUG-91	50	2.00	UG/L	U
		COBALT	01-AUG-91	50	2.00	UG/L	U
		COPPER	01-AUG-91	25	3.00	UG/L	U
		COPPER	01-AUG-91	25	3.70	UG/L	B
		CYANIDE	01-AUG-91	10	2.00	UG/L	U
		IRON	01-AUG-91	100	18.00	UG/L	B
		IRON	01-AUG-91	100	833.00	UG/L	
		LEAD	01-AUG-91	3	1.00	UG/L	U
		LEAD	01-AUG-91	3	1.60	UG/L	B
		LITHIUM	01-AUG-91	100	29.10	UG/L	B
		LITHIUM	01-AUG-91	100	28.90	UG/L	B
		MAGNESIUM	01-AUG-91	5000	30700.00	UG/L	
		MAGNESIUM	01-AUG-91	5000	31100.00	UG/L	
		MANGANESE	01-AUG-91	15	1.00	UG/L	U
		MANGANESE	01-AUG-91	15	10.00	UG/L	B
		MERCURY	01-AUG-91	0	0.20	UG/L	U
		MERCURY	01-AUG-91	0	0.20	UG/L	U
		MOLYBDENUM	01-AUG-91	200	4.30	UG/L	B
		MOLYBDENUM	01-AUG-91	200	4.90	UG/L	B
		NICKEL	01-AUG-91	40	3.00	UG/L	U
		NICKEL	01-AUG-91	40	5.20	UG/L	B
		POTASSIUM	01-AUG-91	5000	493.00	UG/L	B
		POTASSIUM	01-AUG-91	5000	688.00	UG/L	B
		SELENIUM	01-AUG-91	5	5.00	UG/L	
		SELENIUM	01-AUG-91	5	5.00	UG/L	
		SILVER	01-AUG-91	10	2.00	UG/L	U
		SILVER	01-AUG-91	10	2.00	UG/L	U
		SODIUM	01-AUG-91	5000	70800.00	UG/L	
		SODIUM	01-AUG-91	5000	71700.00	UG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		STRONTIUM	01-AUG-91	200	808.00	UG/L	
		STRONTIUM	01-AUG-91	200	820.00	UG/L	
		THALLIUM	01-AUG-91	10	2.00	UG/L	U
		THALLIUM	01-AUG-91	10	2.00	UG/L	U
		TIN	01-AUG-91	200	41.00	UG/L	B
		TIN	01-AUG-91	200	31.90	UG/L	B
		VANADIUM	01-AUG-91	50	4.50	UG/L	B
		VANADIUM	01-AUG-91	50	6.50	UG/L	B
		ZINC	01-AUG-91	20	11.50	UG/L	B
		ZINC	01-AUG-91	20	35.70	UG/L	
		ALUMINUM	07-JUN-91	200	48.90	UG/L	B
		ANTIMONY	07-JUN-91	60	12.90	UG/L	B
		ARSENIC	07-JUN-91	10	2.00	UG/L	U
		BARIUM	07-JUN-91	200	135.00	UG/L	B
		BERYLLIUM	07-JUN-91	5	1.00	UG/L	U
		CADMIUM	07-JUN-91	5	2.00	UG/L	U
		CALCIUM	07-JUN-91	5000	96800.00	UG/L	
		CESIUM	07-JUN-91	1000	112.00	UG/L	U
		CHROMIUM	07-JUN-91	10	3.00	UG/L	U
		COBALT	07-JUN-91	50	3.00	UG/L	U
		COPPER	07-JUN-91	25	11.00	UG/L	U
		CYANIDE	07-JUN-91	10	2.50	UG/L	U
		IRON	07-JUN-91	100	26.40	UG/L	B
		LEAD	07-JUN-91	3	1.00	UG/L	U
		LITHIUM	07-JUN-91	100	23.90	UG/L	B
		MAGNESIUM	07-JUN-91	5000	32600.00	UG/L	
		MANGANESE	07-JUN-91	15	1.00	UG/L	U
		MERCURY	07-JUN-91	0	0.20	UG/L	U
		MOLYBDENUM	07-JUN-91	200	2.30	UG/L	B
		NICKEL	07-JUN-91	40	3.00	UG/L	U
		POTASSIUM	07-JUN-91	5000	395.00	UG/L	B
		SELENIUM	07-JUN-91	5	6.00	UG/L	
		SILVER	07-JUN-91	10	2.00	UG/L	U
		SODIUM	07-JUN-91	5000	67100.00	UG/L	
		STRONTIUM	07-JUN-91	200	902.00	UG/L	
		THALLIUM	07-JUN-91	10	1.00	UG/L	U
		TIN	07-JUN-91	200	17.40	UG/L	B
		VANADIUM	07-JUN-91	50	3.20	UG/L	B
		ZINC	07-JUN-91	20	43.70	UG/L	
		ALUMINUM	11-OCT-91	200	67.20	UG/L	B
		ALUMINUM	11-OCT-91	200	751.00	UG/L	*
		ANTIMONY	11-OCT-91	60	47.40	UG/L	B
		ANTIMONY	11-OCT-91	60	57.80	UG/L	BN
		ARSENIC	11-OCT-91	10	2.00	UG/L	U
		ARSENIC	11-OCT-91	10	2.00	UG/L	UN
		BARIUM	11-OCT-91	200	151.00	UG/L	B
		BARIUM	11-OCT-91	200	149.00	UG/L	B*
		BERYLLIUM	11-OCT-91	5	1.00	UG/L	U
		BERYLLIUM	11-OCT-91	5	1.00	UG/L	U
		CADMIUM	11-OCT-91	5	3.30	UG/L	B
		CADMIUM	11-OCT-91	5	2.00	UG/L	U
		CALCIUM	11-OCT-91	5000	104000.00	UG/L	
		CALCIUM	11-OCT-91	5000	102000.00	UG/L	*
		CESIUM	11-OCT-91	1000	51.00	UG/L	U
		CESIUM	11-OCT-91	1000	51.00	UG/L	U
		CHROMIUM	11-OCT-91	10	15.10	UG/L	
		CHROMIUM	11-OCT-91	10	13.10	UG/L	N*
		COBALT	11-OCT-91	50	3.60	UG/L	B
		COBALT	11-OCT-91	50	4.90	UG/L	B
		COPPER	11-OCT-91	25	3.20	UG/L	B
		COPPER	11-OCT-91	25	5.50	UG/L	B*
		CYANIDE	11-OCT-91	10	2.00	UG/L	U
		IRON	11-OCT-91	100	17.80	UG/L	B
		IRON	11-OCT-91	100	887.00	UG/L	*
		LEAD	11-OCT-91	3	1.00	UG/L	U
		LEAD	11-OCT-91	3	2.90	UG/L	BN*
		LITHIUM	11-OCT-91	100	39.20	UG/L	B
		LITHIUM	11-OCT-91	100	38.30	UG/L	B
		MAGNESIUM	11-OCT-91	5000	36800.00	UG/L	
		MAGNESIUM	11-OCT-91	5000	35800.00	UG/L	*

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		MANGANESE	11-OCT-91	15	1.20	UG/L	B
		MANGANESE	11-OCT-91	15	14.40	UG/L	BN*
		MERCURY	11-OCT-91	0	0.20	UG/L	U
		MERCURY	11-OCT-91	0	0.20	UG/L	UN
		MOLYBDENUM	11-OCT-91	200	7.00	UG/L	B
		MOLYBDENUM	11-OCT-91	200	8.30	UG/L	B
		NICKEL	11-OCT-91	40	17.00	UG/L	U
		NICKEL	11-OCT-91	40	17.00	UG/L	U*
		POTASSIUM	11-OCT-91	5000	643.00	UG/L	B
		POTASSIUM	11-OCT-91	5000	772.00	UG/L	B
		SELENIUM	11-OCT-91	5	7.00	UG/L	
		SELENIUM	11-OCT-91	5	6.00	UG/L	
		SILVER	11-OCT-91	10	2.00	UG/L	U
		SILVER	11-OCT-91	10	2.00	UG/L	U
		SODIUM	11-OCT-91	5000	86600.00	UG/L	
		SODIUM	11-OCT-91	5000	85200.00	UG/L	
		STRONTIUM	11-OCT-91	200	1020.00	UG/L	
		STRONTIUM	11-OCT-91	200	995.00	UG/L	
		THALLIUM	11-OCT-91	10	1.00	UG/L	U
		THALLIUM	11-OCT-91	10	1.00	UG/L	U
		TIN	11-OCT-91	200	43.20	UG/L	B
		TIN	11-OCT-91	200	27.70	UG/L	B
		VANADIUM	11-OCT-91	50	9.90	UG/L	B
		VANADIUM	11-OCT-91	50	10.80	UG/L	BN*
		ZINC	11-OCT-91	20	13.00	UG/L	B
		ZINC	11-OCT-91	20	20.00	UG/L	*
		ALUMINUM	22-MAR-91	200	93.20	UG/L	B
		ANTIMONY	22-MAR-91	60	9.60	UG/L	B
		ARSENIC	22-MAR-91	10	2.00	UG/L	UW
		BARIUM	22-MAR-91	200	135.00	UG/L	B
		BERYLLIUM	22-MAR-91	5	1.00	UG/L	U
		CADMIUM	22-MAR-91	5	2.00	UG/L	U
		CALCIUM	22-MAR-91	5000	98600.00	UG/L	
		CESIUM	22-MAR-91	1000	112.00	UG/L	U
		CHROMIUM	22-MAR-91	10	5.70	UG/L	B
		COBALT	22-MAR-91	50	3.00	UG/L	U
		COPPER	22-MAR-91	25	2.00	UG/L	U
		CYANIDE	22-MAR-91	10	3.50	UG/L	U
		IRON	22-MAR-91	100	64.80	UG/L	B
		LEAD	22-MAR-91	3	1.00	UG/L	U
		LITHIUM	22-MAR-91	100	22.30	UG/L	B
		MAGNESIUM	22-MAR-91	5000	35900.00	UG/L	
		MANGANESE	22-MAR-91	15	1.00	UG/L	U
		MERCURY	22-MAR-91	0	0.29	UG/L	
		MOLYBDENUM	22-MAR-91	200	3.00	UG/L	U
		NICKEL	22-MAR-91	40	4.00	UG/L	U
		POTASSIUM	22-MAR-91	5000	453.00	UG/L	B
		SELENIUM	22-MAR-91	5	6.00	UG/L	
		SILVER	22-MAR-91	10	3.40	UG/L	B
		SODIUM	22-MAR-91	5000	77600.00	UG/L	
		STRONTIUM	22-MAR-91	200	957.00	UG/L	
		THALLIUM	22-MAR-91	10	3.00	UG/L	U
		TIN	22-MAR-91	200	24.90	UG/L	B
		VANADIUM	22-MAR-91	50	7.30	UG/L	B
		ZINC	22-MAR-91	20	6.10	UG/L	B
P209789	RADS	AMERICIUM-241	01-AUG-91	.01	.01266	PCI/L	
		CESIUM-137	01-AUG-91	1	.06415	PCI/L	J
		GROSS ALPHA - DISSOLVED	01-AUG-91	2	4.429	PCI/L	
		GROSS BETA - DISSOLVED	01-AUG-91	4	3.233	PCI/L	J
		PLUTONIUM-239/240	01-AUG-91	.01	0	PCI/L	J
		STRONTIUM-89,90	01-AUG-91	1	1.066	PCI/L	
		TRITIUM	01-AUG-91	400	481.3	PCI/L	
		URANIUM-233,-234	01-AUG-91	.6	2.815	PCI/L	
		URANIUM-235	01-AUG-91	.6	.2443	PCI/L	J
		URANIUM-238	01-AUG-91	.6	2.24	PCI/L	
		AMERICIUM-241	02-AUG-91	.01	.01526	PCI/L	
		CESIUM-137	02-AUG-91	1	-.609	PCI/L	J
		GROSS ALPHA - DISSOLVED	02-AUG-91	2	6.016	PCI/L	
		GROSS BETA - DISSOLVED	02-AUG-91	4	3.811	PCI/L	J
		PLUTONIUM-239/240	02-AUG-91	.01	0	PCI/L	J

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		RADIUM-226	02-AUG-91	.5	.2947	PCI/L	J
		STRONTIUM-89,90	02-AUG-91	1	.6733	PCI/L	J
		TRITIUM	02-AUG-91	400	568.7	PCI/L	
		URANIUM-233,-234	02-AUG-91	.6	2.681	PCI/L	
		URANIUM-235	02-AUG-91	.6	.09577	PCI/L	J
		URANIUM-238	02-AUG-91	.6	2.636	PCI/L	
		AMERICIUM-241	22-MAR-91	.01	.01008	PCI/L	
		CESIUM-137	22-MAR-91	1	.1845	PCI/L	J
		GROSS ALPHA - DISSOLVED	22-MAR-91	2	3.87	PCI/L	
		GROSS BETA - DISSOLVED	22-MAR-91	4	2.634	PCI/L	J
		PLUTONIUM-239/240	22-MAR-91	.01	.004723	PCI/L	J
		STRONTIUM-89,90	22-MAR-91	1	.1115	PCI/L	J
		TRITIUM	22-MAR-91	400	922.1	PCI/L	
		URANIUM-233,-234	22-MAR-91	.6	4.478	PCI/L	
		URANIUM-235	22-MAR-91	.6	.1399	PCI/L	J
		URANIUM-238	22-MAR-91	.6	3.172	PCI/L	
P209789	VOA	1,1,1-TRICHLOROETHANE	01-AUG-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	01-AUG-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	01-AUG-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	01-AUG-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	01-AUG-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	01-AUG-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	01-AUG-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	01-AUG-91	5	5	UG/L	U
		2-BUTANONE	01-AUG-91	10	10	UG/L	U
		2-HEXANONE	01-AUG-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	01-AUG-91	10	10	UG/L	U
		ACETONE	01-AUG-91	10	10	UG/L	U
		BENZENE	01-AUG-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	01-AUG-91	5	5	UG/L	U
		BROMOFORM	01-AUG-91	5	5	UG/L	U
		BROMOMETHANE	01-AUG-91	10	10	UG/L	U
		CARBON DISULFIDE	01-AUG-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	01-AUG-91	5	5	UG/L	U
		CHLOROBENZENE	01-AUG-91	5	5	UG/L	U
		CHLOROETHANE	01-AUG-91	10	10	UG/L	U
		CHLOROFORM	01-AUG-91	5	5	UG/L	U
		CHLOROMETHANE	01-AUG-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	01-AUG-91	5	5	UG/L	U
		ETHYLBENZENE	01-AUG-91	5	5	UG/L	U
		METHYLENE CHLORIDE	01-AUG-91	5	5	UG/L	U
		STYRENE	01-AUG-91	5	5	UG/L	U
		TETRACHLOROETHENE	01-AUG-91	5	1	UG/L	J
		TOLUENE	01-AUG-91	5	5	UG/L	U
		TOTAL XYLENES	01-AUG-91	5	5	UG/L	U
		TRICHLOROETHENE	01-AUG-91	5	5	UG/L	U
		VINYL ACETATE	01-AUG-91	10	10	UG/L	U
		VINYL CHLORIDE	01-AUG-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	01-AUG-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	01-AUG-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	07-JUN-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	07-JUN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	07-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	07-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	07-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	07-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	07-JUN-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	07-JUN-91	5	5	UG/L	U
		2-BUTANONE	07-JUN-91	10	10	UG/L	U
		2-HEXANONE	07-JUN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	07-JUN-91	10	10	UG/L	U
		ACETONE	07-JUN-91	10	10	UG/L	U
		BENZENE	07-JUN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	07-JUN-91	5	5	UG/L	U
		BROMOFORM	07-JUN-91	5	5	UG/L	U
		BROMOMETHANE	07-JUN-91	10	10	UG/L	U
		CARBON DISULFIDE	07-JUN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	07-JUN-91	5	5	UG/L	U
		CHLOROBENZENE	07-JUN-91	5	5	UG/L	U
		CHLOROETHANE	07-JUN-91	10	10	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		CHLOROFORM	07-JUN-91	5	5	UG/L	U
		CHLOROMETHANE	07-JUN-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	07-JUN-91	5	5	UG/L	U
		ETHYLBENZENE	07-JUN-91	5	5	UG/L	U
		METHYLENE CHLORIDE	07-JUN-91	5	5	UG/L	U
		STYRENE	07-JUN-91	5	5	UG/L	U
		TETRACHLOROETHENE	07-JUN-91	5	1	UG/L	J
		TOLUENE	07-JUN-91	5	5	UG/L	U
		TOTAL XYLENES	07-JUN-91	5	5	UG/L	U
		TRICHLOROETHENE	07-JUN-91	5	5	UG/L	U
		VINYL ACETATE	07-JUN-91	10	10	UG/L	U
		VINYL CHLORIDE	07-JUN-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	07-JUN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	07-JUN-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	11-OCT-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	11-OCT-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	11-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	11-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	11-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	11-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	11-OCT-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	11-OCT-91	5	5	UG/L	U
		2-BUTANONE	11-OCT-91	10	10	UG/L	U
		2-HEXANONE	11-OCT-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	11-OCT-91	10	10	UG/L	U
		ACETONE	11-OCT-91	10	10	UG/L	U
		BENZENE	11-OCT-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	11-OCT-91	5	5	UG/L	U
		BROMOFORM	11-OCT-91	5	5	UG/L	U
		BROMOMETHANE	11-OCT-91	10	10	UG/L	U
		CARBON DISULFIDE	11-OCT-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	11-OCT-91	5	5	UG/L	U
		CHLOROBENZENE	11-OCT-91	5	5	UG/L	U
		CHLOROETHANE	11-OCT-91	10	10	UG/L	U
		CHLOROFORM	11-OCT-91	5	5	UG/L	U
		CHLOROMETHANE	11-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	11-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	11-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	11-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	11-OCT-91	5	5	UG/L	U
		STYRENE	11-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	11-OCT-91	5	1	UG/L	J
		TOLUENE	11-OCT-91	5	5	UG/L	U
		TOTAL XYLENES	11-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	11-OCT-91	5	5	UG/L	U
		VINYL ACETATE	11-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	11-OCT-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	11-OCT-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	11-OCT-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	22-MAR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	22-MAR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	22-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	22-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	22-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	22-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	22-MAR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	22-MAR-91	5	5	UG/L	U
		2-BUTANONE	22-MAR-91	10	10	UG/L	U
		2-HEXANONE	22-MAR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	22-MAR-91	10	10	UG/L	U
		ACETONE	22-MAR-91	10	33	UG/L	B
		BENZENE	22-MAR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	22-MAR-91	5	5	UG/L	U
		BROMOFORM	22-MAR-91	5	5	UG/L	U
		BROMOMETHANE	22-MAR-91	10	10	UG/L	U
		CARBON DISULFIDE	22-MAR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	22-MAR-91	5	5	UG/L	U
		CHLOROBENZENE	22-MAR-91	5	5	UG/L	U
		CHLOROETHANE	22-MAR-91	10	10	UG/L	U
		CHLOROFORM	22-MAR-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - SURFICIAL MATERIALS

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		CHLOROMETHANE	22-MAR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	22-MAR-91	5	5	UG/L	U
		ETHYLBENZENE	22-MAR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	22-MAR-91	5	5	UG/L	U
		STYRENE	22-MAR-91	5	5	UG/L	U
		TETRACHLOROETHENE	22-MAR-91	5	2	UG/L	J
		TOLUENE	22-MAR-91	5	5	UG/L	U
		TOTAL XYLENES	22-MAR-91	5	5	UG/L	U
		TRICHLOROETHENE	22-MAR-91	5	5	UG/L	U
		VINYL ACETATE	22-MAR-91	10	10	UG/L	U
		VINYL CHLORIDE	22-MAR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	22-MAR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	22-MAR-91	5	5	UG/L	U
P209789	WQHP	BICARBONATE AS CACO3	01-AUG-91	1.0	280	MG/L	
		CARBONATE AS CACO3	01-AUG-91	1.0	1	MG/L	U
		CHLORIDE	01-AUG-91	0.2	16	MG/L	
		FLUORIDE	01-AUG-91	0.1	1.9	MG/L	
		NITRATE/NITRITE	01-AUG-91	0.02	22	MG/L	
		ORTHOPHOSPHATE	01-AUG-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	01-AUG-91	0.4	6.3	MG/L	
		SULFATE	01-AUG-91	2.0	59	MG/L	
		TOTAL DISSOLVED SOLIDS	01-AUG-91	10.0	660	MG/L	
		TOTAL SUSPENDED SOLIDS	01-AUG-91	4.0	26	MG/L	
		BICARBONATE AS CACO3	07-JUN-91	1.0	290	MG/L	
		CARBONATE AS CACO3	07-JUN-91	1.0	1	MG/L	U
		CHLORIDE	07-JUN-91	0.2	14	MG/L	
		FLUORIDE	07-JUN-91	0.1	1.7	MG/L	
		NITRATE/NITRITE	07-JUN-91	0.02	39	MG/L	
		ORTHOPHOSPHATE	07-JUN-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	07-JUN-91	0.4	5.3	MG/L	
		SULFATE	07-JUN-91	2.0	61	MG/L	
		TOTAL DISSOLVED SOLIDS	07-JUN-91	10.0	670	MG/L	
		TOTAL SUSPENDED SOLIDS	07-JUN-91	4.0	28	MG/L	
		BICARBONATE AS CACO3	11-OCT-91	1.0	280	MG/L	
		CARBONATE AS CACO3	11-OCT-91	1.0	1	MG/L	U
		CHLORIDE	11-OCT-91	0.2	16	MG/L	
		FLUORIDE	11-OCT-91	0.1	2.0	MG/L	
		NITRATE/NITRITE	11-OCT-91	0.02	50	MG/L	
		ORTHOPHOSPHATE	11-OCT-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	11-OCT-91	0.4	6.4	MG/L	
		SULFATE	11-OCT-91	2.0	110	MG/L	
		TOTAL DISSOLVED SOLIDS	11-OCT-91	10.0	740	MG/L	
		TOTAL SUSPENDED SOLIDS	11-OCT-91	4.0	15	MG/L	
		BICARBONATE AS CACO3	22-MAR-91	1.0	280	MG/L	
		CARBONATE AS CACO3	22-MAR-91	1.0	0	MG/L	
		CHLORIDE	22-MAR-91	0.2	17	MG/L	
		FLUORIDE	22-MAR-91	0.1	1.9	MG/L	
		NITRATE/NITRITE	22-MAR-91	0.02	49	MG/L	
		ORTHOPHOSPHATE	22-MAR-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	22-MAR-91	0.4	4.4	MG/L	
		SULFATE	22-MAR-91	2.0	65	MG/L	
		TOTAL DISSOLVED SOLIDS	22-MAR-91	10.0	690	MG/L	
		TOTAL SUSPENDED SOLIDS	22-MAR-91	4.0	140	MG/L	

APPENDIX A-2

SOLAR EVAPORATION PONDS - WEATHERED BEDROCK DATA SET

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
0260	METALS	ALUMINUM	02-AUG-91	200	378.00	UG/L	
		ALUMINUM	02-AUG-91	200	30700.00	UG/L	
		ANTIMONY	02-AUG-91	60	419.00	UG/L	
		ANTIMONY	02-AUG-91	60	445.00	UG/L	
		ARSENIC	02-AUG-91	10	2.00	UG/L	B
		ARSENIC	02-AUG-91	10	4.00	UG/L	B
		BARIUM	02-AUG-91	200	211.00	UG/L	
		BARIUM	02-AUG-91	200	373.00	UG/L	
		BERYLLIUM	02-AUG-91	5	4.20	UG/L	B
		BERYLLIUM	02-AUG-91	5	5.10	UG/L	
		CADMIUM	02-AUG-91	5	20.40	UG/L	
		CADMIUM	02-AUG-91	5	35.10	UG/L	
		CALCIUM	02-AUG-91	5000	2010000.0	UG/L	
		CALCIUM	02-AUG-91	5000	2080000.0	UG/L	
		CESIUM	02-AUG-91	1000	70.00	UG/L	B
		CESIUM	02-AUG-91	1000	60.00	UG/L	B
		CHROMIUM	02-AUG-91	10	69.20	UG/L	
		CHROMIUM	02-AUG-91	10	89.20	UG/L	
		COBALT	02-AUG-91	50	27.30	UG/L	B
		COBALT	02-AUG-91	50	24.50	UG/L	B
		COPPER	02-AUG-91	25	35.80	UG/L	
		COPPER	02-AUG-91	25	76.40	UG/L	
		CYANIDE	02-AUG-91	10	26.00	UG/L	
		IRON	02-AUG-91	100	168.00	UG/L	
		IRON	02-AUG-91	100	38000.00	UG/L	
		LEAD	02-AUG-91	3	1.00	UG/L	UW
		LEAD	02-AUG-91	3	140.00	UG/L	S
		LITHIUM	02-AUG-91	100	417.00	UG/L	
		LITHIUM	02-AUG-91	100	443.00	UG/L	
		MAGNESIUM	02-AUG-91	5000	626000.00	UG/L	
		MAGNESIUM	02-AUG-91	5000	641000.00	UG/L	
		MANGANESE	02-AUG-91	15	196.00	UG/L	
		MANGANESE	02-AUG-91	15	260.00	UG/L	
		MERCURY	02-AUG-91	0	0.20	UG/L	U
		MERCURY	02-AUG-91	0	0.20	UG/L	U
		MOLYBDENUM	02-AUG-91	200	39.90	UG/L	B
		MOLYBDENUM	02-AUG-91	200	44.10	UG/L	B
		NICKEL	02-AUG-91	40	33.10	UG/L	B
		NICKEL	02-AUG-91	40	43.10	UG/L	
		POTASSIUM	02-AUG-91	5000	56800.00	UG/L	
		POTASSIUM	02-AUG-91	5000	60900.00	UG/L	
		SELENIUM	02-AUG-91	5	260.00	UG/L	
		SELENIUM	02-AUG-91	5	240.00	UG/L	
		SILVER	02-AUG-91	10	2.00	UG/L	U
		SILVER	02-AUG-91	10	2.00	UG/L	U
		SODIUM	02-AUG-91	5000	1350000.0	UG/L	
		SODIUM	02-AUG-91	5000	1430000.0	UG/L	
		STRONTIUM	02-AUG-91	200	20600.00	UG/L	
		STRONTIUM	02-AUG-91	200	21300.00	UG/L	
		THALLIUM	02-AUG-91	10	2.00	UG/L	UW
		THALLIUM	02-AUG-91	10	2.00	UG/L	UW
		TIN	02-AUG-91	200	313.00	UG/L	
		TIN	02-AUG-91	200	273.00	UG/L	
		VANADIUM	02-AUG-91	50	2.00	UG/L	U
		VANADIUM	02-AUG-91	50	85.10	UG/L	
		ZINC	02-AUG-91	20	4240.00	UG/L	
		ZINC	02-AUG-91	20	14700.00	UG/L	
		ALUMINUM	13-JUN-91	200	404.00	UG/L	
		ANTIMONY	13-JUN-91	60	398.00	UG/L	
		ARSENIC	13-JUN-91	10	2.00	UG/L	B
		BARIUM	13-JUN-91	200	250.00	UG/L	
		BERYLLIUM	13-JUN-91	5	4.40	UG/L	B
		CADMIUM	13-JUN-91	5	11.20	UG/L	
		CALCIUM	13-JUN-91	5000	2220000.0	UG/L	
		CESIUM	13-JUN-91	1000	112.00	UG/L	U
		CHROMIUM	13-JUN-91	10	50.80	UG/L	
		COBALT	13-JUN-91	50	16.60	UG/L	B
		COPPER	13-JUN-91	25	35.80	UG/L	
		CYANIDE	13-JUN-91	10	2.50	UG/L	U
		IRON	13-JUN-91	100	94.80	UG/L	B

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		LEAD	13-JUN-91	3	1.00	UG/L	U
		LITHIUM	13-JUN-91	100	445.00	UG/L	
		MAGNESIUM	13-JUN-91	5000	751000.00	UG/L	
		MANGANESE	13-JUN-91	15	195.00	UG/L	
		MERCURY	13-JUN-91	0	0.20	UG/L	U
		MOLYBDENUM	13-JUN-91	200	20.00	UG/L	B
		NICKEL	13-JUN-91	40	17.00	UG/L	B
		POTASSIUM	13-JUN-91	5000	64000.00	UG/L	
		SELENIUM	13-JUN-91	5	223.00	UG/L	S
		SILVER	13-JUN-91	10	2.00	UG/L	U
		SODIUM	13-JUN-91	5000	1500000.0	UG/L	
		STRONTIUM	13-JUN-91	200	24300.00	UG/L	
		THALLIUM	13-JUN-91	10	1.00	UG/L	UW
		TIN	13-JUN-91	200	79.60	UG/L	B
		VANADIUM	13-JUN-91	50	2.20	UG/L	B
		ZINC	13-JUN-91	20	4170.00	UG/L	
		ALUMINUM	15-OCT-91	200	398.00	UG/L	
		ALUMINUM	15-OCT-91	200	8050.00	UG/L	*
		ANTIMONY	15-OCT-91	60	105.00	UG/L	
		ANTIMONY	15-OCT-91	60	164.00	UG/L	N
		ARSENIC	15-OCT-91	10	3.00	UG/L	B
		ARSENIC	15-OCT-91	10	4.00	UG/L	BN
		BARIUM	15-OCT-91	200	191.00	UG/L	B
		BARIUM	15-OCT-91	200	237.00	UG/L	*
		BERYLLIUM	15-OCT-91	5	3.20	UG/L	B
		BERYLLIUM	15-OCT-91	5	3.40	UG/L	B
		CADMIUM	15-OCT-91	5	36.90	UG/L	
		CADMIUM	15-OCT-91	5	40.40	UG/L	
		CALCIUM	15-OCT-91	5000	2090000.0	UG/L	
		CALCIUM	15-OCT-91	5000	1990000.0	UG/L	*
		CESIUM	15-OCT-91	1000	51.00	UG/L	U
		CESIUM	15-OCT-91	1000	51.00	UG/L	U
		CHROMIUM	15-OCT-91	10	63.80	UG/L	
		CHROMIUM	15-OCT-91	10	73.00	UG/L	N*
		COBALT	15-OCT-91	50	22.10	UG/L	B
		COBALT	15-OCT-91	50	24.70	UG/L	B
		COPPER	15-OCT-91	25	36.50	UG/L	
		COPPER	15-OCT-91	25	57.20	UG/L	*
		CYANIDE	15-OCT-91	10	6.50	UG/L	
		IRON	15-OCT-91	100	2340.00	UG/L	
		IRON	15-OCT-91	100	22600.00	UG/L	*
		LEAD	15-OCT-91	3	1.00	UG/L	UW
		LEAD	15-OCT-91	3	40.10	UG/L	SN*
		LITHIUM	15-OCT-91	100	393.00	UG/L	
		LITHIUM	15-OCT-91	100	377.00	UG/L	
		MAGNESIUM	15-OCT-91	5000	612000.00	UG/L	
		MAGNESIUM	15-OCT-91	5000	609000.00	UG/L	*
		MANGANESE	15-OCT-91	15	252.00	UG/L	
		MANGANESE	15-OCT-91	15	278.00	UG/L	N*
		MERCURY	15-OCT-91	0	0.20	UG/L	U
		MERCURY	15-OCT-91	0	0.20	UG/L	UN
		MOLYBDENUM	15-OCT-91	200	18.90	UG/L	B
		MOLYBDENUM	15-OCT-91	200	25.10	UG/L	B
		NICKEL	15-OCT-91	40	29.60	UG/L	B
		NICKEL	15-OCT-91	40	36.80	UG/L	B*
		POTASSIUM	15-OCT-91	5000	56700.00	UG/L	
		POTASSIUM	15-OCT-91	5000	53500.00	UG/L	
		SELENIUM	15-OCT-91	5	270.00	UG/L	
		SELENIUM	15-OCT-91	5	340.00	UG/L	
		SILVER	15-OCT-91	10	2.00	UG/L	U
		SILVER	15-OCT-91	10	2.00	UG/L	U
		SODIUM	15-OCT-91	5000	1390000.0	UG/L	
		SODIUM	15-OCT-91	5000	1400000.0	UG/L	
		STRONTIUM	15-OCT-91	200	21700.00	UG/L	
		STRONTIUM	15-OCT-91	200	21700.00	UG/L	
		THALLIUM	15-OCT-91	10	1.00	UG/L	UW
		THALLIUM	15-OCT-91	10	1.00	UG/L	UW
		TIN	15-OCT-91	200	17.00	UG/L	U
		TIN	15-OCT-91	200	17.00	UG/L	U
		VANADIUM	15-OCT-91	50	33.10	UG/L	B

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		VANADIUM	15-OCT-91	50	65.60	UG/L	N*
		ZINC	15-OCT-91	20	4480.00	UG/L	
		ZINC	15-OCT-91	20	8280.00	UG/L	*
		ALUMINUM	30-APR-91	200	352.00	UG/L	
		ANTIMONY	30-APR-91	60	313.00	UG/L	
		ARSENIC	30-APR-91	10	2.00	UG/L	B
		BARIUM	30-APR-91	200	186.00	UG/L	B
		BERYLLIUM	30-APR-91	5	3.50	UG/L	B
		CADMIUM	30-APR-91	5	16.40	UG/L	
		CALCIUM	30-APR-91	5000	1960000.0	UG/L	
		CESIUM	30-APR-91	1000	190.00	UG/L	B
		CHROMIUM	30-APR-91	10	40.20	UG/L	
		COBALT	30-APR-91	50	12.20	UG/L	B
		COPPER	30-APR-91	25	30.60	UG/L	
		CYANIDE	30-APR-91	10	2.50	UG/L	U
		IRON	30-APR-91	100	146.00	UG/L	
		LEAD	30-APR-91	3	1.00	UG/L	UW
		LITHIUM	30-APR-91	100	444.00	UG/L	
		MAGNESIUM	30-APR-91	5000	632000.00	UG/L	
		MANGANESE	30-APR-91	15	219.00	UG/L	
		MERCURY	30-APR-91	0	0.20	UG/L	UN
		MOLYBDENUM	30-APR-91	200	12.60	UG/L	B
		NICKEL	30-APR-91	40	11.30	UG/L	B
		POTASSIUM	30-APR-91	5000	59000.00	UG/L	
		SELENIUM	30-APR-91	5	233.00	UG/L	S
		SILVER	30-APR-91	10	2.00	UG/L	U
		SODIUM	30-APR-91	5000	1300000.0	UG/L	
		STRONTIUM	30-APR-91	200	22300.00	UG/L	
		THALLIUM	30-APR-91	10	1.00	UG/L	UW
		TIN	30-APR-91	200	10.00	UG/L	U
		VANADIUM	30-APR-91	50	2.00	UG/L	U
		ZINC	30-APR-91	20	5000.00	UG/L	
0260	RADS	AMERICIUM-241	02-AUG-91	.01	.00209	PCI/L	J
		CESIUM-137	02-AUG-91	1	-.00918	PCI/L	J
		GROSS ALPHA - DISSOLVED	02-AUG-91	2	14.29	PCI/L	
		GROSS BETA - DISSOLVED	02-AUG-91	4	89.77	PCI/L	
		PLUTONIUM-239/240	02-AUG-91	.01	.03892	PCI/L	
		RADIUM-226	02-AUG-91	.5	3.606	PCI/L	
		RADIUM-228	02-AUG-91	1	12.71	PCI/L	
		STRONTIUM-89,90	02-AUG-91	1	9.683	PCI/L	
		TRITIUM	02-AUG-91	400	810.3	PCI/L	
		URANIUM-233,-234	02-AUG-91	.6	20.86	PCI/L	
		URANIUM-235	02-AUG-91	.6	.7206	PCI/L	
		URANIUM-238	02-AUG-91	.6	15.82	PCI/L	
		AMERICIUM-241	30-APR-91	.01	.1315	PCI/L	
		CESIUM-137	30-APR-91	1	.2653	PCI/L	J
		GROSS ALPHA - DISSOLVED	30-APR-91	2	24.18	PCI/L	
		GROSS BETA - DISSOLVED	30-APR-91	4	60.89	PCI/L	
		PLUTONIUM-239/240	30-APR-91	.01	.1288	PCI/L	
		RADIUM-226	30-APR-91	.5	2.15	PCI/L	
		STRONTIUM-89,90	30-APR-91	1	.7654	PCI/L	J
		TRITIUM	30-APR-91	400	755.2	PCI/L	
		URANIUM-233,-234	30-APR-91	.6	16.11	PCI/L	
		URANIUM-235	30-APR-91	.6	.58	PCI/L	J
		URANIUM-238	30-APR-91	.6	11.6	PCI/L	
0260	VOA	1,1,1-TRICHLOROETHANE	02-AUG-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	02-AUG-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	02-AUG-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	02-AUG-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	02-AUG-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	02-AUG-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	02-AUG-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	02-AUG-91	5	5	UG/L	U
		2-BUTANONE	02-AUG-91	10	10	UG/L	U
		2-HEXANONE	02-AUG-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	02-AUG-91	10	10	UG/L	U
		ACETONE	02-AUG-91	10	10	UG/L	U
		BENZENE	02-AUG-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	02-AUG-91	5	5	UG/L	U
		BROMOFORM	02-AUG-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		BROMOMETHANE	02-AUG-91	10	10	UG/L	U
		CARBON DISULFIDE	02-AUG-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	02-AUG-91	5	5	UG/L	U
		CHLOROBENZENE	02-AUG-91	5	5	UG/L	U
		CHLOROETHANE	02-AUG-91	10	10	UG/L	U
		CHLOROFORM	02-AUG-91	5	5	UG/L	U
		CHLOROMETHANE	02-AUG-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	02-AUG-91	5	5	UG/L	U
		ETHYLBENZENE	02-AUG-91	5	5	UG/L	U
		METHYLENE CHLORIDE	02-AUG-91	5	5	UG/L	U
		STYRENE	02-AUG-91	5	5	UG/L	U
		TETRACHLOROETHENE	02-AUG-91	5	5	UG/L	U
		TOLUENE	02-AUG-91	5	5	UG/L	U
		TOTAL XYLENES	02-AUG-91	5	5	UG/L	U
		TRICHLOROETHENE	02-AUG-91	5	5	UG/L	U
		VINYL ACETATE	02-AUG-91	10	10	UG/L	U
		VINYL CHLORIDE	02-AUG-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	02-AUG-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	02-AUG-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	13-JUN-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	13-JUN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	13-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	13-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	13-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	13-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	13-JUN-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	13-JUN-91	5	5	UG/L	U
		2-BUTANONE	13-JUN-91	10	10	UG/L	U
		2-HEXANONE	13-JUN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	13-JUN-91	10	10	UG/L	U
		ACETONE	13-JUN-91	10	10	UG/L	U
		BENZENE	13-JUN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	13-JUN-91	5	5	UG/L	U
		BROMOFORM	13-JUN-91	5	5	UG/L	U
		BROMOMETHANE	13-JUN-91	10	10	UG/L	U
		CARBON DISULFIDE	13-JUN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	13-JUN-91	5	5	UG/L	U
		CHLOROBENZENE	13-JUN-91	5	5	UG/L	U
		CHLOROETHANE	13-JUN-91	10	10	UG/L	U
		CHLOROFORM	13-JUN-91	5	1	UG/L	J
		CHLOROMETHANE	13-JUN-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	13-JUN-91	5	5	UG/L	U
		ETHYLBENZENE	13-JUN-91	5	5	UG/L	U
		METHYLENE CHLORIDE	13-JUN-91	5	2	UG/L	BJ
		STYRENE	13-JUN-91	5	5	UG/L	U
		TETRACHLOROETHENE	13-JUN-91	5	5	UG/L	U
		TOLUENE	13-JUN-91	5	5	UG/L	U
		TOTAL XYLENES	13-JUN-91	5	5	UG/L	U
		TRICHLOROETHENE	13-JUN-91	5	1	UG/L	J
		VINYL ACETATE	13-JUN-91	10	10	UG/L	U
		VINYL CHLORIDE	13-JUN-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	13-JUN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	13-JUN-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	15-OCT-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	15-OCT-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	15-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	15-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	15-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	15-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	15-OCT-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	15-OCT-91	5	5	UG/L	U
		2-BUTANONE	15-OCT-91	10	10	UG/L	U
		2-HEXANONE	15-OCT-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	15-OCT-91	10	10	UG/L	U
		ACETONE	15-OCT-91	10	10	UG/L	U
		BENZENE	15-OCT-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	15-OCT-91	5	5	UG/L	U
		BROMOFORM	15-OCT-91	5	5	UG/L	U
		BROMOMETHANE	15-OCT-91	10	10	UG/L	U
		CARBON DISULFIDE	15-OCT-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		CARBON TETRACHLORIDE	15-OCT-91	5	5	UG/L	U
		CHLOROBENZENE	15-OCT-91	5	5	UG/L	U
		CHLOROETHANE	15-OCT-91	10	10	UG/L	U
		CHLOROFORM	15-OCT-91	5	5	UG/L	U
		CHLOROMETHANE	15-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	15-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	15-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	15-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	15-OCT-91	5	5	UG/L	U
		STYRENE	15-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	15-OCT-91	5	5	UG/L	U
		TOLUENE	15-OCT-91	5	5	UG/L	U
		TOTAL XYLENES	15-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	15-OCT-91	5	5	UG/L	U
		VINYL ACETATE	15-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	15-OCT-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	15-OCT-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	15-OCT-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	30-APR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	30-APR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	30-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	30-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	30-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	30-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	30-APR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	30-APR-91	5	5	UG/L	U
		2-BUTANONE	30-APR-91	10	10	UG/L	U
		2-HEXANONE	30-APR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	30-APR-91	10	10	UG/L	U
		ACETONE	30-APR-91	10	5	UG/L	BJ
		BENZENE	30-APR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	30-APR-91	5	5	UG/L	U
		BROMOFORM	30-APR-91	5	5	UG/L	U
		BROMOMETHANE	30-APR-91	10	10	UG/L	U
		CARBON DISULFIDE	30-APR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	30-APR-91	5	5	UG/L	U
		CHLOROBENZENE	30-APR-91	5	5	UG/L	U
		CHLOROETHANE	30-APR-91	10	10	UG/L	U
		CHLOROFORM	30-APR-91	5	1	UG/L	J
		CHLOROMETHANE	30-APR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	30-APR-91	5	5	UG/L	U
		ETHYLBENZENE	30-APR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	30-APR-91	5	5	UG/L	B
		STYRENE	30-APR-91	5	5	UG/L	U
		TETRACHLOROETHENE	30-APR-91	5	5	UG/L	U
		TOLUENE	30-APR-91	5	5	UG/L	U
		TOTAL XYLENES	30-APR-91	5	5	UG/L	U
		TRICHLOROETHENE	30-APR-91	5	5	UG/L	U
		VINYL ACETATE	30-APR-91	10	10	UG/L	U
		VINYL CHLORIDE	30-APR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	30-APR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	30-APR-91	5	5	UG/L	U
0260	WQHP	BICARBONATE AS CACO3	02-AUG-91	1.0	83	MG/L	
		CARBONATE AS CACO3	02-AUG-91	1.0	1	MG/L	U
		CHLORIDE	02-AUG-91	0.2	850	MG/L	
		FLUORIDE	02-AUG-91	0.1	0.8	MG/L	
		NITRATE/NITRITE	02-AUG-91	0.02	2300	MG/L	
		ORTHOPHOSPHATE	02-AUG-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	02-AUG-91	0.4	2.6	MG/L	
		SULFATE	02-AUG-91	2.0	500	MG/L	
		TOTAL DISSOLVED SOLIDS	02-AUG-91	10.0	18000	MG/L	
		TOTAL SUSPENDED SOLIDS	02-AUG-91	4.0	580	MG/L	
		BICARBONATE AS CACO3	13-JUN-91	1.0	70	MG/L	
		CARBONATE AS CACO3	13-JUN-91	1.0	1	MG/L	U
		CHLORIDE	13-JUN-91	0.2	780	MG/L	
		FLUORIDE	13-JUN-91	0.1	0.7	MG/L	
		NITRATE/NITRITE	13-JUN-91	0.02	2200	MG/L	
		ORTHOPHOSPHATE	13-JUN-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	13-JUN-91	0.4	2.5	MG/L	
		SULFATE	13-JUN-91	2.0	790	MG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		TOTAL DISSOLVED SOLIDS	13-JUN-91	10.0	25000	MG/L	
		TOTAL SUSPENDED SOLIDS	13-JUN-91	4.0	670	MG/L	
		BICARBONATE AS CACO3	15-OCT-91	1.0	82	MG/L	
		CARBONATE AS CACO3	15-OCT-91	1.0	1	MG/L	U
		CHLORIDE	15-OCT-91	0.2	830	MG/L	
		FLUORIDE	15-OCT-91	0.1	0.8	MG/L	
		NITRATE/NITRITE	15-OCT-91	0.02	2100	MG/L	
		ORTHOPHOSPHATE	15-OCT-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	15-OCT-91	0.4	2.5	MG/L	
		SULFATE	15-OCT-91	2.0	1100	MG/L	
		TOTAL DISSOLVED SOLIDS	15-OCT-91	10.0	17000	MG/L	
		TOTAL SUSPENDED SOLIDS	15-OCT-91	4.0	310	MG/L	
		BICARBONATE AS CACO3	30-APR-91	1.0	76	MG/L	
		CARBONATE AS CACO3	30-APR-91	1.0	1	MG/L	U
		CHLORIDE	30-APR-91	0.2	820	MG/L	
		FLUORIDE	30-APR-91	0.1	0.8	MG/L	
		NITRATE/NITRITE	30-APR-91	0.02	2300	MG/L	
		ORTHOPHOSPHATE	30-APR-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	30-APR-91	0.4	2.3	MG/L	
		SULFATE	30-APR-91	2.0	740	MG/L	
		TOTAL DISSOLVED SOLIDS	30-APR-91	10.0	16000	MG/L	
		TOTAL SUSPENDED SOLIDS	30-APR-91	4.0	1300	MG/L	
3086	METALS	ALUMINUM	07-AUG-91	200	164.00	UG/L	B
		ALUMINUM	07-AUG-91	200	1050.00	UG/L	
		ANTIMONY	07-AUG-91	60	140.00	UG/L	
		ANTIMONY	07-AUG-91	60	134.00	UG/L	
		ARSENIC	07-AUG-91	10	2.00	UG/L	U
		ARSENIC	07-AUG-91	10	2.00	UG/L	U
		BARIUM	07-AUG-91	200	97.30	UG/L	B
		BARIUM	07-AUG-91	200	103.00	UG/L	B
		BERYLLIUM	07-AUG-91	5	1.40	UG/L	B
		BERYLLIUM	07-AUG-91	5	1.20	UG/L	B
		CADMIUM	07-AUG-91	5	4.80	UG/L	B
		CADMIUM	07-AUG-91	5	4.40	UG/L	B
		CALCIUM	07-AUG-91	5000	476000.00	UG/L	
		CALCIUM	07-AUG-91	5000	464000.00	UG/L	
		CESIUM	07-AUG-91	1000	32.00	UG/L	U
		CESIUM	07-AUG-91	1000	40.00	UG/L	B
		CHROMIUM	07-AUG-91	10	36.50	UG/L	
		CHROMIUM	07-AUG-91	10	47.00	UG/L	
		COBALT	07-AUG-91	50	11.90	UG/L	B
		COBALT	07-AUG-91	50	8.50	UG/L	B
		COPPER	07-AUG-91	25	11.30	UG/L	B
		COPPER	07-AUG-91	25	17.30	UG/L	B
		CYANIDE	07-AUG-91	10	2.00	UG/L	U
		IRON	07-AUG-91	100	52.80	UG/L	B
		IRON	07-AUG-91	100	846.00	UG/L	
		LEAD	07-AUG-91	3	1.00	UG/L	UW
		LEAD	07-AUG-91	3	1.50	UG/L	BW
		LITHIUM	07-AUG-91	100	841.00	UG/L	
		LITHIUM	07-AUG-91	100	786.00	UG/L	
		MAGNESIUM	07-AUG-91	5000	140000.00	UG/L	
		MAGNESIUM	07-AUG-91	5000	135000.00	UG/L	
		MANGANESE	07-AUG-91	15	7.80	UG/L	B
		MANGANESE	07-AUG-91	15	19.60	UG/L	
		MERCURY	07-AUG-91	0	0.20	UG/L	U
		MERCURY	07-AUG-91	0	0.20	UG/L	U
		MOLYBDENUM	07-AUG-91	200	19.80	UG/L	B
		MOLYBDENUM	07-AUG-91	200	19.80	UG/L	B
		NICKEL	07-AUG-91	40	28.80	UG/L	B
		NICKEL	07-AUG-91	40	38.80	UG/L	B
		POTASSIUM	07-AUG-91	5000	29800.00	UG/L	
		POTASSIUM	07-AUG-91	5000	28400.00	UG/L	
		SELENIUM	07-AUG-91	5	2.00	UG/L	BW
		SELENIUM	07-AUG-91	5	2.00	UG/L	UW
		SILVER	07-AUG-91	10	2.00	UG/L	U
		SILVER	07-AUG-91	10	2.00	UG/L	U
		SODIUM	07-AUG-91	5000	960000.00	UG/L	
		SODIUM	07-AUG-91	5000	920000.00	UG/L	
		STRONTIUM	07-AUG-91	200	4230.00	UG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		STRONTIUM	07-AUG-91	200	4120.00	UG/L	
		THALLIUM	07-AUG-91	10	2.00	UG/L	U
		THALLIUM	07-AUG-91	10	2.00	UG/L	U
		TIN	07-AUG-91	200	146.00	UG/L	B
		TIN	07-AUG-91	200	115.00	UG/L	B
		VANADIUM	07-AUG-91	50	4.40	UG/L	B
		VANADIUM	07-AUG-91	50	6.50	UG/L	B
		ZINC	07-AUG-91	20	27.30	UG/L	
		ZINC	07-AUG-91	20	45.60	UG/L	
		ALUMINUM	11-OCT-91	200	188.00	UG/L	B
		ALUMINUM	11-OCT-91	200	2170.00	UG/L	*
		ANTIMONY	11-OCT-91	60	110.00	UG/L	
		ANTIMONY	11-OCT-91	60	130.00	UG/L	N
		ARSENIC	11-OCT-91	10	2.00	UG/L	U
		ARSENIC	11-OCT-91	10	2.00	UG/L	UN
		BARIUM	11-OCT-91	200	97.90	UG/L	B
		BARIUM	11-OCT-91	200	110.00	UG/L	B*
		BERYLLIUM	11-OCT-91	5	1.00	UG/L	U
		BERYLLIUM	11-OCT-91	5	1.00	UG/L	U
		CADMIUM	11-OCT-91	5	10.80	UG/L	
		CADMIUM	11-OCT-91	5	10.70	UG/L	
		CALCIUM	11-OCT-91	5000	492000.00	UG/L	
		CALCIUM	11-OCT-91	5000	499000.00	UG/L	*
		CESIUM	11-OCT-91	1000	51.00	UG/L	U
		CESIUM	11-OCT-91	1000	51.00	UG/L	U
		CHROMIUM	11-OCT-91	10	43.30	UG/L	
		CHROMIUM	11-OCT-91	10	78.60	UG/L	N*
		COBALT	11-OCT-91	50	11.90	UG/L	B
		COBALT	11-OCT-91	50	14.60	UG/L	B
		COPPER	11-OCT-91	25	16.40	UG/L	B
		COPPER	11-OCT-91	25	21.60	UG/L	B*
		CYANIDE	11-OCT-91	10	2.00	UG/L	U
		IRON	11-OCT-91	100	50.60	UG/L	B
		IRON	11-OCT-91	100	1550.00	UG/L	*
		LEAD	11-OCT-91	3	1.00	UG/L	U
		LEAD	11-OCT-91	3	1.00	UG/L	UWN*
		LITHIUM	11-OCT-91	100	736.00	UG/L	
		LITHIUM	11-OCT-91	100	706.00	UG/L	
		MAGNESIUM	11-OCT-91	5000	142000.00	UG/L	
		MAGNESIUM	11-OCT-91	5000	143000.00	UG/L	*
		MANGANESE	11-OCT-91	15	13.80	UG/L	B
		MANGANESE	11-OCT-91	15	27.50	UG/L	N*
		MERCURY	11-OCT-91	0	0.20	UG/L	U
		MERCURY	11-OCT-91	0	0.21	UG/L	N
		MOLYBDENUM	11-OCT-91	200	19.30	UG/L	B
		MOLYBDENUM	11-OCT-91	200	26.80	UG/L	B
		NICKEL	11-OCT-91	40	35.40	UG/L	B
		NICKEL	11-OCT-91	40	67.20	UG/L	*
		POTASSIUM	11-OCT-91	5000	23000.00	UG/L	
		POTASSIUM	11-OCT-91	5000	21700.00	UG/L	
		SELENIUM	11-OCT-91	5	20.00	UG/L	U
		SELENIUM	11-OCT-91	5	50.00	UG/L	
		SILVER	11-OCT-91	10	2.00	UG/L	U
		SILVER	11-OCT-91	10	4.10	UG/L	B
		SODIUM	11-OCT-91	5000	937000.00	UG/L	
		SODIUM	11-OCT-91	5000	926000.00	UG/L	
		STRONTIUM	11-OCT-91	200	4580.00	UG/L	
		STRONTIUM	11-OCT-91	200	4600.00	UG/L	
		THALLIUM	11-OCT-91	10	1.00	UG/L	U
		THALLIUM	11-OCT-91	10	1.00	UG/L	UW
		TIN	11-OCT-91	200	91.60	UG/L	B
		TIN	11-OCT-91	200	74.90	UG/L	B
		VANADIUM	11-OCT-91	50	20.50	UG/L	B
		VANADIUM	11-OCT-91	50	25.90	UG/L	BN*
		ZINC	11-OCT-91	20	12.90	UG/L	B
		ZINC	11-OCT-91	20	33.50	UG/L	*
		ALUMINUM	30-APR-91	200	173.00	UG/L	B
		ANTIMONY	30-APR-91	60	127.00	UG/L	
		ARSENIC	30-APR-91	10	2.00	UG/L	U
		BARIUM	30-APR-91	200	91.20	UG/L	B

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		BERYLLIUM	30-APR-91	5	1.30	UG/L	B
		CADMIUM	30-APR-91	5	2.50	UG/L	B
		CALCIUM	30-APR-91	5000	526000.00	UG/L	
		CESIUM	30-APR-91	1000	120.00	UG/L	B
		CHROMIUM	30-APR-91	10	30.50	UG/L	
		COBALT	30-APR-91	50	6.30	UG/L	B
		COPPER	30-APR-91	25	14.20	UG/L	B
		CYANIDE	30-APR-91	10	2.50	UG/L	U
		IRON	30-APR-91	100	50.30	UG/L	B
		LEAD	30-APR-91	3	1.00	UG/L	U
		LITHIUM	30-APR-91	100	837.00	UG/L	
		MAGNESIUM	30-APR-91	5000	152000.00	UG/L	
		MANGANESE	30-APR-91	15	8.70	UG/L	B
		MERCURY	30-APR-91	0	0.21	UG/L	N
		MOLYBDENUM	30-APR-91	200	11.50	UG/L	B
		NICKEL	30-APR-91	40	24.30	UG/L	B
		POTASSIUM	30-APR-91	5000	37100.00	UG/L	
		SELENIUM	30-APR-91	5	2.00	UG/L	UW
		SILVER	30-APR-91	10	2.00	UG/L	U
		SODIUM	30-APR-91	5000	977000.00	UG/L	
		STRONTIUM	30-APR-91	200	4920.00	UG/L	
		THALLIUM	30-APR-91	10	1.00	UG/L	U
		TIN	30-APR-91	200	40.50	UG/L	B
		VANADIUM	30-APR-91	50	2.00	UG/L	U
		ZINC	30-APR-91	20	37.30	UG/L	
		ALUMINUM	30-MAY-91	200	172.00	UG/L	B
		ANTIMONY	30-MAY-91	60	93.70	UG/L	
		ARSENIC	30-MAY-91	10	2.00	UG/L	U
		BARIUM	30-MAY-91	200	81.80	UG/L	B
		BERYLLIUM	30-MAY-91	5	1.20	UG/L	B
		CADMIUM	30-MAY-91	5	2.10	UG/L	B
		CALCIUM	30-MAY-91	5000	491000.00	UG/L	
		CESIUM	30-MAY-91	1000	112.00	UG/L	U
		CHROMIUM	30-MAY-91	10	28.80	UG/L	
		COBALT	30-MAY-91	50	5.00	UG/L	B
		COPPER	30-MAY-91	25	11.20	UG/L	B
		CYANIDE	30-MAY-91	10	2.50	UG/L	U
		IRON	30-MAY-91	100	52.00	UG/L	B
		LEAD	30-MAY-91	3	1.00	UG/L	U
		LITHIUM	30-MAY-91	100	806.00	UG/L	
		MAGNESIUM	30-MAY-91	5000	143000.00	UG/L	
		MANGANESE	30-MAY-91	15	6.10	UG/L	B
		MERCURY	30-MAY-91	0	0.20	UG/L	U
		MOLYBDENUM	30-MAY-91	200	10.00	UG/L	B
		NICKEL	30-MAY-91	40	22.50	UG/L	B
		POTASSIUM	30-MAY-91	5000	41900.00	UG/L	
		SELENIUM	30-MAY-91	5	2.00	UG/L	UW
		SILVER	30-MAY-91	10	2.00	UG/L	U
		SODIUM	30-MAY-91	5000	962000.00	UG/L	
		STRONTIUM	30-MAY-91	200	4560.00	UG/L	
		THALLIUM	30-MAY-91	10	1.00	UG/L	U
		TIN	30-MAY-91	200	54.60	UG/L	B
		VANADIUM	30-MAY-91	50	2.90	UG/L	B
		ZINC	30-MAY-91	20	37.90	UG/L	
3086	RADS	AMERICIUM-241	07-AUG-91	.01	.005889	PCI/L	J
		CESIUM-137	07-AUG-91	1	-.261	PCI/L	J
		GROSS ALPHA - DISSOLVED	07-AUG-91	2	83.72	PCI/L	
		GROSS BETA - DISSOLVED	07-AUG-91	4	64.25	PCI/L	
		PLUTONIUM-239/240	07-AUG-91	.01	.005264	PCI/L	J
		RADIUM-226	07-AUG-91	.5	1.959	PCI/L	
		STRONTIUM-89,90	07-AUG-91	1	3.199	PCI/L	
		TRITIUM	07-AUG-91	400	3392	PCI/L	
		URANIUM-233,-234	07-AUG-91	.6	102.1	PCI/L	
		URANIUM-235	07-AUG-91	.6	4.846	PCI/L	
		URANIUM-238	07-AUG-91	.6	67.79	PCI/L	
		AMERICIUM-241	30-APR-91	.01	0	PCI/L	J
		CESIUM-137	30-APR-91	1	.5829	PCI/L	J
		GROSS ALPHA - DISSOLVED	30-APR-91	2	132.1	PCI/L	
		GROSS BETA - DISSOLVED	30-APR-91	4	81.28	PCI/L	
		PLUTONIUM-239/240	30-APR-91	.01	.009974	PCI/L	J

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		STRONTIUM-89,90	30-APR-91	1	2.69	PCI/L	
		TRITIUM	30-APR-91	400	3477	PCI/L	
		URANIUM-233,-234	30-APR-91	.6	100.5	PCI/L	
		URANIUM-235	30-APR-91	.6	3.538	PCI/L	
		URANIUM-238	30-APR-91	.6	65.47	PCI/L	
3086	VOA	1,1,1-TRICHLOROETHANE	07-AUG-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	07-AUG-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	07-AUG-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	07-AUG-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	07-AUG-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	07-AUG-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	07-AUG-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	07-AUG-91	5	5	UG/L	U
		2-BUTANONE	07-AUG-91	10	10	UG/L	U
		2-HEXANONE	07-AUG-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	07-AUG-91	10	10	UG/L	U
		ACETONE	07-AUG-91	10	10	UG/L	U
		BENZENE	07-AUG-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	07-AUG-91	5	5	UG/L	U
		BROMOFORM	07-AUG-91	5	5	UG/L	U
		BROMOMETHANE	07-AUG-91	10	10	UG/L	U
		CARBON DISULFIDE	07-AUG-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	07-AUG-91	5	5	UG/L	U
		CHLOROBENZENE	07-AUG-91	5	5	UG/L	U
		CHLOROETHANE	07-AUG-91	10	10	UG/L	U
		CHLOROFORM	07-AUG-91	5	1	UG/L	J
		CHLOROMETHANE	07-AUG-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	07-AUG-91	5	5	UG/L	U
		ETHYLBENZENE	07-AUG-91	5	5	UG/L	U
		METHYLENE CHLORIDE	07-AUG-91	5	5	UG/L	U
		STYRENE	07-AUG-91	5	5	UG/L	U
		TETRACHLOROETHENE	07-AUG-91	5	2	UG/L	J
		TOLUENE	07-AUG-91	5	5	UG/L	U
		TOTAL XYLENES	07-AUG-91	5	5	UG/L	U
		TRICHLOROETHENE	07-AUG-91	5	1	UG/L	J
		VINYL ACETATE	07-AUG-91	10	10	UG/L	U
		VINYL CHLORIDE	07-AUG-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	07-AUG-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	07-AUG-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	11-OCT-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	11-OCT-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	11-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	11-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	11-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	11-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	11-OCT-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	11-OCT-91	5	5	UG/L	U
		2-BUTANONE	11-OCT-91	10	10	UG/L	U
		2-HEXANONE	11-OCT-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	11-OCT-91	10	10	UG/L	U
		ACETONE	11-OCT-91	10	10	UG/L	U
		BENZENE	11-OCT-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	11-OCT-91	5	5	UG/L	U
		BROMOFORM	11-OCT-91	5	5	UG/L	U
		BROMOMETHANE	11-OCT-91	10	10	UG/L	U
		CARBON DISULFIDE	11-OCT-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	11-OCT-91	5	5	UG/L	U
		CHLOROBENZENE	11-OCT-91	5	5	UG/L	U
		CHLOROETHANE	11-OCT-91	10	10	UG/L	U
		CHLOROFORM	11-OCT-91	5	5	UG/L	U
		CHLOROMETHANE	11-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	11-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	11-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	11-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	11-OCT-91	5	5	UG/L	U
		STYRENE	11-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	11-OCT-91	5	5	UG/L	U
		TOLUENE	11-OCT-91	5	5	UG/L	U
		TOTAL XYLENES	11-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	11-OCT-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		VINYL ACETATE	11-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	11-OCT-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	11-OCT-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	11-OCT-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	30-APR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	30-APR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	30-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	30-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	30-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	30-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	30-APR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	30-APR-91	5	5	UG/L	U
		2-BUTANONE	30-APR-91	10	10	UG/L	U
		2-HEXANONE	30-APR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	30-APR-91	10	10	UG/L	U
		ACETONE	30-APR-91	10	10	UG/L	U
		BENZENE	30-APR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	30-APR-91	5	5	UG/L	U
		BROMOFORM	30-APR-91	5	5	UG/L	U
		BROMOMETHANE	30-APR-91	10	10	UG/L	U
		CARBON DISULFIDE	30-APR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	30-APR-91	5	5	UG/L	U
		CHLOROBENZENE	30-APR-91	5	5	UG/L	U
		CHLOROETHANE	30-APR-91	10	10	UG/L	U
		CHLOROFORM	30-APR-91	5	5	UG/L	U
		CHLOROMETHANE	30-APR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	30-APR-91	5	5	UG/L	U
		ETHYLBENZENE	30-APR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	30-APR-91	5	1	UG/L	J
		STYRENE	30-APR-91	5	5	UG/L	U
		TETRACHLOROETHENE	30-APR-91	5	2	UG/L	J
		TOLUENE	30-APR-91	5	5	UG/L	U
		TOTAL XYLENES	30-APR-91	5	5	UG/L	U
		TRICHLOROETHENE	30-APR-91	5	1	UG/L	J
		VINYL ACETATE	30-APR-91	10	10	UG/L	U
		VINYL CHLORIDE	30-APR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	30-APR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	30-APR-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	30-MAY-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	30-MAY-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	30-MAY-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	30-MAY-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	30-MAY-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	30-MAY-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	30-MAY-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	30-MAY-91	5	5	UG/L	U
		2-BUTANONE	30-MAY-91	10	10	UG/L	U
		2-HEXANONE	30-MAY-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	30-MAY-91	10	10	UG/L	U
		ACETONE	30-MAY-91	10	10	UG/L	U
		BENZENE	30-MAY-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	30-MAY-91	5	5	UG/L	U
		BROMOFORM	30-MAY-91	5	5	UG/L	U
		BROMOMETHANE	30-MAY-91	10	10	UG/L	U
		CARBON DISULFIDE	30-MAY-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	30-MAY-91	5	5	UG/L	U
		CHLOROBENZENE	30-MAY-91	5	5	UG/L	U
		CHLOROETHANE	30-MAY-91	10	10	UG/L	U
		CHLOROFORM	30-MAY-91	5	5	UG/L	U
		CHLOROMETHANE	30-MAY-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	30-MAY-91	5	5	UG/L	U
		ETHYLBENZENE	30-MAY-91	5	5	UG/L	U
		METHYLENE CHLORIDE	30-MAY-91	5	2	UG/L	J
		STYRENE	30-MAY-91	5	5	UG/L	U
		TETRACHLOROETHENE	30-MAY-91	5	2	UG/L	J
		TOLUENE	30-MAY-91	5	5	UG/L	U
		TOTAL XYLENES	30-MAY-91	5	5	UG/L	U
		TRICHLOROETHENE	30-MAY-91	5	5	UG/L	U
		VINYL ACETATE	30-MAY-91	10	10	UG/L	U
		VINYL CHLORIDE	30-MAY-91	10	10	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		cis-1,3-DICHLOROPROPENE	30-MAY-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	30-MAY-91	5	5	UG/L	U
3086	WQHP	BICARBONATE AS CACO3	07-AUG-91	1.0	390	MG/L	
		CARBONATE AS CACO3	07-AUG-91	1.0	1	MG/L	U
		CHLORIDE	07-AUG-91	0.2	150	MG/L	
		FLUORIDE	07-AUG-91	0.1	2.5	MG/L	
		NITRATE/NITRITE	07-AUG-91	0.02	730	MG/L	
		ORTHOPHOSPHATE	07-AUG-91	0.01	0.02	MG/L	
		SILICA, DISSOLVED	07-AUG-91	0.4	7.4	MG/L	
		SULFATE	07-AUG-91	2.0	190	MG/L	
		TOTAL DISSOLVED SOLIDS	07-AUG-91	10.0	6200	MG/L	
		TOTAL SUSPENDED SOLIDS	07-AUG-91	4.0	77	MG/L	
		BICARBONATE AS CACO3	11-OCT-91	1.0	370	MG/L	
		CARBONATE AS CACO3	11-OCT-91	1.0	1	MG/L	U
		CHLORIDE	11-OCT-91	0.2	130	MG/L	
		FLUORIDE	11-OCT-91	0.1	2.5	MG/L	
		NITRATE/NITRITE	11-OCT-91	0.02	710	MG/L	
		ORTHOPHOSPHATE	11-OCT-91	0.01	0.01	MG/L	
		SILICA, DISSOLVED	11-OCT-91	0.4	7.8	MG/L	
		SULFATE	11-OCT-91	2.0	370	MG/L	
		TOTAL DISSOLVED SOLIDS	11-OCT-91	10.0	6000	MG/L	
		TOTAL SUSPENDED SOLIDS	11-OCT-91	4.0	60	MG/L	
		BICARBONATE AS CACO3	30-APR-91	1.0	360	MG/L	
		CARBONATE AS CACO3	30-APR-91	1.0	1	MG/L	U
		CHLORIDE	30-APR-91	0.2	150	MG/L	
		FLUORIDE	30-APR-91	0.1	2.2	MG/L	
		NITRATE/NITRITE	30-APR-91	0.02	720	MG/L	
		ORTHOPHOSPHATE	30-APR-91	0.01	0.09	MG/L	
		SILICA, DISSOLVED	30-APR-91	0.4	6.0	MG/L	
		SULFATE	30-APR-91	2.0	200	MG/L	
		TOTAL DISSOLVED SOLIDS	30-APR-91	10.0	6400	MG/L	
		TOTAL SUSPENDED SOLIDS	30-APR-91	4.0	150	MG/L	
		BICARBONATE AS CACO3	30-MAY-91	1.0	370	MG/L	
		CARBONATE AS CACO3	30-MAY-91	1.0	1	MG/L	U
		CHLORIDE	30-MAY-91	0.2	140	MG/L	
		FLUORIDE	30-MAY-91	0.1	2.3	MG/L	
		NITRATE/NITRITE	30-MAY-91	0.02	1000	MG/L	
		ORTHOPHOSPHATE	30-MAY-91	0.01	0.02	MG/L	
		SILICA, DISSOLVED	30-MAY-91	0.4	6.5	MG/L	
		SULFATE	30-MAY-91	2.0	200	MG/L	
		TOTAL DISSOLVED SOLIDS	30-MAY-91	10.0	6600	MG/L	
		TOTAL SUSPENDED SOLIDS	30-MAY-91	4.0	140	MG/L	
B208189	METALS	ALUMINUM	19-APR-91	200	13.70	UG/L	B
		ANTIMONY	19-APR-91	60	6.00	UG/L	U
		ARSENIC	19-APR-91	10	2.00	UG/L	U
		BARIUM	19-APR-91	200	102.00	UG/L	B
		BERYLLIUM	19-APR-91	5	1.20	UG/L	B
		CADMIUM	19-APR-91	5	2.00	UG/L	U
		CALCIUM	19-APR-91	5000	101000.00	UG/L	
		CESIUM	19-APR-91	1000	112.00	UG/L	U
		CHROMIUM	19-APR-91	10	3.00	UG/L	U
		COBALT	19-APR-91	50	3.00	UG/L	U
		COPPER	19-APR-91	25	11.00	UG/L	U
		IRON	19-APR-91	100	7.00	UG/L	U*
		LEAD	19-APR-91	3	1.00	UG/L	U
		LITHIUM	19-APR-91	100	114.00	UG/L	
		MAGNESIUM	19-APR-91	5000	22300.00	UG/L	
		MANGANESE	19-APR-91	15	63.50	UG/L	
		MERCURY	19-APR-91	0	0.20	UG/L	U
		MOLYBDENUM	19-APR-91	200	11.10	UG/L	B
		NICKEL	19-APR-91	40	3.00	UG/L	U
		POTASSIUM	19-APR-91	5000	2110.00	UG/L	B
		SELENIUM	19-APR-91	5	2.00	UG/L	U
		SILVER	19-APR-91	10	2.00	UG/L	U
		SODIUM	19-APR-91	5000	83700.00	UG/L	
		STRONTIUM	19-APR-91	200	697.00	UG/L	
		THALLIUM	19-APR-91	10	1.00	UG/L	UN
		TIN	19-APR-91	200	10.00	UG/L	U
		VANADIUM	19-APR-91	50	2.00	UG/L	U
		ZINC	19-APR-91	20	33.50	UG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
B208189	RADS	TRITIUM	19-APR-91	400	-9.24	PCI/L	J
		TRITIUM	22-JAN-91	400	64.39	PCI/L	J
B208189	VOA	1,1,1-TRICHLOROETHANE	08-OCT-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	08-OCT-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	08-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	08-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	08-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	08-OCT-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	08-OCT-91	5	5	UG/L	U
		2-BUTANONE	08-OCT-91	10	10	UG/L	U
		2-HEXANONE	08-OCT-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	08-OCT-91	10	10	UG/L	U
		ACETONE	08-OCT-91	10	10	UG/L	U
		BENZENE	08-OCT-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	08-OCT-91	5	5	UG/L	U
		BROMOFORM	08-OCT-91	5	5	UG/L	U
		BROMOMETHANE	08-OCT-91	10	10	UG/L	U
		CARBON DISULFIDE	08-OCT-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	08-OCT-91	5	5	UG/L	U
		CHLOROBENZENE	08-OCT-91	5	5	UG/L	U
		CHLOROETHANE	08-OCT-91	10	10	UG/L	U
		CHLOROFORM	08-OCT-91	5	5	UG/L	U
		CHLOROMETHANE	08-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	08-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	08-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	08-OCT-91	5	5	UG/L	U
		STYRENE	08-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	08-OCT-91	5	5	UG/L	U
		TOLUENE	08-OCT-91	5	5	UG/L	U
		TOTAL XYLENES	08-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	08-OCT-91	5	5	UG/L	U
		VINYL ACETATE	08-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	08-OCT-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	08-OCT-91	5	5	UG/L	U
		trans-1,2-DICHLOROETHENE	08-OCT-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	08-OCT-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	10-JUL-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	10-JUL-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	10-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	10-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	10-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	10-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	10-JUL-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	10-JUL-91	5	5	UG/L	U
		2-BUTANONE	10-JUL-91	10	10	UG/L	U
		2-HEXANONE	10-JUL-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	10-JUL-91	10	10	UG/L	U
		ACETONE	10-JUL-91	10	10	UG/L	U
		BENZENE	10-JUL-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	10-JUL-91	5	5	UG/L	U
		BROMOFORM	10-JUL-91	5	5	UG/L	U
		BROMOMETHANE	10-JUL-91	10	10	UG/L	U
		CARBON DISULFIDE	10-JUL-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	10-JUL-91	5	5	UG/L	U
		CHLOROBENZENE	10-JUL-91	5	5	UG/L	U
		CHLOROETHANE	10-JUL-91	10	10	UG/L	U
		CHLOROFORM	10-JUL-91	5	5	UG/L	U
		CHLOROMETHANE	10-JUL-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	10-JUL-91	5	5	UG/L	U
		ETHYLBENZENE	10-JUL-91	5	5	UG/L	U
		METHYLENE CHLORIDE	10-JUL-91	5	5	UG/L	U
		STYRENE	10-JUL-91	5	5	UG/L	U
		TETRACHLOROETHENE	10-JUL-91	5	5	UG/L	U
		TOLUENE	10-JUL-91	5	5	UG/L	U
		TOTAL XYLENES	10-JUL-91	5	5	UG/L	U
		TRICHLOROETHENE	10-JUL-91	5	5	UG/L	U
		VINYL ACETATE	10-JUL-91	10	10	UG/L	U
		VINYL CHLORIDE	10-JUL-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	10-JUL-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	10-JUL-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		1,1,1-TRICHLOROETHANE	19-APR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	19-APR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	19-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	19-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	19-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	19-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	19-APR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	19-APR-91	5	5	UG/L	U
		2-BUTANONE	19-APR-91	10	9	UG/L	J
		2-HEXANONE	19-APR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	19-APR-91	10	10	UG/L	U
		ACETONE	19-APR-91	10	10	UG/L	U
		BENZENE	19-APR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	19-APR-91	5	5	UG/L	U
		BROMOFORM	19-APR-91	5	5	UG/L	U
		BROMOMETHANE	19-APR-91	10	10	UG/L	U
		CARBON DISULFIDE	19-APR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	19-APR-91	5	5	UG/L	U
		CHLOROBENZENE	19-APR-91	5	5	UG/L	U
		CHLOROETHANE	19-APR-91	10	10	UG/L	U
		CHLOROFORM	19-APR-91	5	5	UG/L	U
		CHLOROMETHANE	19-APR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	19-APR-91	5	5	UG/L	U
		ETHYLBENZENE	19-APR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	19-APR-91	5	5	UG/L	U
		STYRENE	19-APR-91	5	5	UG/L	U
		TETRACHLOROETHENE	19-APR-91	5	5	UG/L	U
		TOLUENE	19-APR-91	5	5	UG/L	U
		TOTAL XYLENES	19-APR-91	5	5	UG/L	U
		TRICHLOROETHENE	19-APR-91	5	5	UG/L	U
		VINYL ACETATE	19-APR-91	10	10	UG/L	U
		VINYL CHLORIDE	19-APR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	19-APR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	19-APR-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	22-JAN-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	22-JAN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	22-JAN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	22-JAN-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	22-JAN-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	22-JAN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	22-JAN-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	22-JAN-91	5	5	UG/L	U
		2-BUTANONE	22-JAN-91	10	10	UG/L	U
		2-HEXANONE	22-JAN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	22-JAN-91	10	10	UG/L	U
		ACETONE	22-JAN-91	10	3	UG/L	BJ
		BENZENE	22-JAN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	22-JAN-91	5	5	UG/L	U
		BROMOFORM	22-JAN-91	5	5	UG/L	U
		BROMOMETHANE	22-JAN-91	10	10	UG/L	U
		CARBON DISULFIDE	22-JAN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	22-JAN-91	5	5	UG/L	U
		CHLOROBENZENE	22-JAN-91	5	5	UG/L	U
		CHLOROETHANE	22-JAN-91	10	10	UG/L	U
		CHLOROFORM	22-JAN-91	5	5	UG/L	U
		CHLOROMETHANE	22-JAN-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	22-JAN-91	5	5	UG/L	U
		ETHYLBENZENE	22-JAN-91	5	5	UG/L	U
		METHYLENE CHLORIDE	22-JAN-91	5	1	UG/L	BJ
		STYRENE	22-JAN-91	5	5	UG/L	U
		TETRACHLOROETHENE	22-JAN-91	5	5	UG/L	U
		TOLUENE	22-JAN-91	5	5	UG/L	U
		TOTAL XYLENES	22-JAN-91	5	5	UG/L	U
		TRICHLOROETHENE	22-JAN-91	5	5	UG/L	U
		VINYL ACETATE	22-JAN-91	10	10	UG/L	U
		VINYL CHLORIDE	22-JAN-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	22-JAN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	22-JAN-91	5	5	UG/L	U
B208189	WQHP	BICARBONATE AS CACO3	08-OCT-91	1.0	340	MG/L	
		CARBONATE AS CACO3	08-OCT-91	1.0	1	MG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		CHLORIDE	08-OCT-91	0.2	25	MG/L	
		FLUORIDE	08-OCT-91	0.1	0.8	MG/L	
		NITRATE/NITRITE	08-OCT-91	0.02	2.0	MG/L	
		SILICA, DISSOLVED	08-OCT-91	0.4	9.7	MG/L	
		SULFATE	08-OCT-91	2.0	260	MG/L	
		TOTAL DISSOLVED SOLIDS	08-OCT-91	10.0	630	MG/L	
		TOTAL SUSPENDED SOLIDS	08-OCT-91	4.0	5	MG/L	
		BICARBONATE AS CACO3	10-JUL-91	1.0	380	MG/L	
		CARBONATE AS CACO3	10-JUL-91	1.0	0	MG/L	
		CHLORIDE	10-JUL-91	0.2	280	MG/L	
		FLUORIDE	10-JUL-91	0.1	0.9	MG/L	
		NITRATE/NITRITE	10-JUL-91	0.02	1.3	MG/L	
		ORTHOPHOSPHATE	10-JUL-91	0.01	0.06	MG/L	
		SILICA, DISSOLVED	10-JUL-91	0.4	9.0	MG/L	
		SULFATE	10-JUL-91	2.0	160	MG/L	
		TOTAL DISSOLVED SOLIDS	10-JUL-91	10.0	420	MG/L	
		TOTAL SUSPENDED SOLIDS	10-JUL-91	4.0	130	MG/L	
		BICARBONATE AS CACO3	19-APR-91	1.0	330	MG/L	
		CARBONATE AS CACO3	19-APR-91	1.0	0	MG/L	
		CHLORIDE	19-APR-91	0.2	12	MG/L	
		FLUORIDE	19-APR-91	0.1	0.8	MG/L	
		NITRATE/NITRITE	19-APR-91	0.02	2.0	MG/L	
		ORTHOPHOSPHATE	19-APR-91	0.01	0.01	MG/L	
		SILICA, DISSOLVED	19-APR-91	0.4	9.2	MG/L	
		SULFATE	19-APR-91	2.0	220	MG/L	
		TOTAL DISSOLVED SOLIDS	19-APR-91	10.0	630	MG/L	
		TOTAL SUSPENDED SOLIDS	19-APR-91	4.0	24	MG/L	
		BICARBONATE AS CACO3	22-JAN-91	1.0	320	MG/L	
		CARBONATE AS CACO3	22-JAN-91	1.0	0	MG/L	
		CHLORIDE	22-JAN-91	0.2	34	MG/L	
		FLUORIDE	22-JAN-91	0.1	0.7	MG/L	
		NITRATE/NITRITE	22-JAN-91	0.02	1.9	MG/L	
		SILICA, DISSOLVED	22-JAN-91	0.4	9.9	MG/L	
		SULFATE	22-JAN-91	2.0	130	MG/L	
		TOTAL DISSOLVED SOLIDS	22-JAN-91	10.0	640	MG/L	
		TOTAL SUSPENDED SOLIDS	22-JAN-91	4.0	10	MG/L	
B208289	RADS	TRITIUM	16-JUL-91	400	319.9	PCI/L	J
		TRITIUM	19-APR-91	400	-143	PCI/L	J
B208289	VOA	1,1,1-TRICHLOROETHANE	09-OCT-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	09-OCT-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	09-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	09-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	09-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	09-OCT-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	09-OCT-91	5	5	UG/L	U
		2-BUTANONE	09-OCT-91	10	10	UG/L	U
		2-HEXANONE	09-OCT-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	09-OCT-91	10	10	UG/L	U
		ACETONE	09-OCT-91	10	10	UG/L	U
		BENZENE	09-OCT-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	09-OCT-91	5	5	UG/L	U
		BROMOFORM	09-OCT-91	5	5	UG/L	U
		BROMOMETHANE	09-OCT-91	10	10	UG/L	U
		CARBON DISULFIDE	09-OCT-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	09-OCT-91	5	5	UG/L	U
		CHLOROBENZENE	09-OCT-91	5	5	UG/L	U
		CHLOROETHANE	09-OCT-91	10	10	UG/L	U
		CHLOROFORM	09-OCT-91	5	5	UG/L	U
		CHLOROMETHANE	09-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	09-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	09-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	09-OCT-91	5	5	UG/L	U
		STYRENE	09-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	09-OCT-91	5	5	UG/L	U
		TOLUENE	09-OCT-91	5	5	UG/L	U
		TOTAL XYLENES	09-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	09-OCT-91	5	5	UG/L	U
		VINYL ACETATE	09-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	09-OCT-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	09-OCT-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		trans-1,2-DICHLOROETHENE	09-OCT-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	09-OCT-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	16-JUL-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	16-JUL-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	16-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	16-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	16-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	16-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	16-JUL-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	16-JUL-91	5	5	UG/L	U
		2-BUTANONE	16-JUL-91	10	10	UG/L	U
		2-HEXANONE	16-JUL-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	16-JUL-91	10	10	UG/L	U
		ACETONE	16-JUL-91	10	10	UG/L	U
		BENZENE	16-JUL-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	16-JUL-91	5	5	UG/L	U
		BROMOFORM	16-JUL-91	5	5	UG/L	U
		BROMOMETHANE	16-JUL-91	10	10	UG/L	U
		CARBON DISULFIDE	16-JUL-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	16-JUL-91	5	5	UG/L	U
		CHLOROBENZENE	16-JUL-91	5	5	UG/L	U
		CHLOROETHANE	16-JUL-91	10	10	UG/L	U
		CHLOROFORM	16-JUL-91	5	5	UG/L	U
		CHLOROMETHANE	16-JUL-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	16-JUL-91	5	5	UG/L	U
		ETHYLBENZENE	16-JUL-91	5	5	UG/L	U
		METHYLENE CHLORIDE	16-JUL-91	5	5	UG/L	U
		STYRENE	16-JUL-91	5	5	UG/L	U
		TETRACHLOROETHENE	16-JUL-91	5	5	UG/L	U
		TOLUENE	16-JUL-91	5	5	UG/L	U
		TOTAL XYLENES	16-JUL-91	5	5	UG/L	U
		TRICHLOROETHENE	16-JUL-91	5	5	UG/L	U
		VINYL ACETATE	16-JUL-91	10	10	UG/L	U
		VINYL CHLORIDE	16-JUL-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	16-JUL-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	16-JUL-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	19-APR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	19-APR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	19-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	19-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	19-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	19-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	19-APR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	19-APR-91	5	5	UG/L	U
		2-BUTANONE	19-APR-91	10	10	UG/L	U
		2-HEXANONE	19-APR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	19-APR-91	10	10	UG/L	U
		ACETONE	19-APR-91	10	10	UG/L	U
		BENZENE	19-APR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	19-APR-91	5	5	UG/L	U
		BROMOFORM	19-APR-91	5	5	UG/L	U
		BROMOMETHANE	19-APR-91	10	10	UG/L	U
		CARBON DISULFIDE	19-APR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	19-APR-91	5	5	UG/L	U
		CHLOROBENZENE	19-APR-91	5	5	UG/L	U
		CHLOROETHANE	19-APR-91	10	10	UG/L	U
		CHLOROFORM	19-APR-91	5	5	UG/L	U
		CHLOROMETHANE	19-APR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	19-APR-91	5	5	UG/L	U
		ETHYLBENZENE	19-APR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	19-APR-91	5	5	UG/L	U
		STYRENE	19-APR-91	5	5	UG/L	U
		TETRACHLOROETHENE	19-APR-91	5	5	UG/L	U
		TOLUENE	19-APR-91	5	5	UG/L	U
		TOTAL XYLENES	19-APR-91	5	5	UG/L	U
		TRICHLOROETHENE	19-APR-91	5	5	UG/L	U
		VINYL ACETATE	19-APR-91	10	10	UG/L	U
		VINYL CHLORIDE	19-APR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	19-APR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	19-APR-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		1,1,1-TRICHLOROETHANE	22-JAN-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	22-JAN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	22-JAN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	22-JAN-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	22-JAN-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	22-JAN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	22-JAN-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	22-JAN-91	5	5	UG/L	U
		2-BUTANONE	22-JAN-91	10	10	UG/L	U
		2-HEXANONE	22-JAN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	22-JAN-91	10	10	UG/L	U
		ACETONE	22-JAN-91	10	3	UG/L	BJ
		BENZENE	22-JAN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	22-JAN-91	5	5	UG/L	U
		BROMOFORM	22-JAN-91	5	5	UG/L	U
		BROMOMETHANE	22-JAN-91	10	10	UG/L	U
		CARBON DISULFIDE	22-JAN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	22-JAN-91	5	5	UG/L	U
		CHLOROBENZENE	22-JAN-91	5	5	UG/L	U
		CHLOROETHANE	22-JAN-91	10	10	UG/L	U
		CHLOROFORM	22-JAN-91	5	5	UG/L	U
		CHLOROMETHANE	22-JAN-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	22-JAN-91	5	5	UG/L	U
		ETHYLBENZENE	22-JAN-91	5	5	UG/L	U
		METHYLENE CHLORIDE	22-JAN-91	5	1	UG/L	BJ
		STYRENE	22-JAN-91	5	5	UG/L	U
		TETRACHLOROETHENE	22-JAN-91	5	5	UG/L	U
		TOLUENE	22-JAN-91	5	5	UG/L	U
		TOTAL XYLENES	22-JAN-91	5	5	UG/L	U
		TRICHLOROETHENE	22-JAN-91	5	5	UG/L	U
		VINYL ACETATE	22-JAN-91	10	10	UG/L	U
		VINYL CHLORIDE	22-JAN-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	22-JAN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	22-JAN-91	5	5	UG/L	U
B208289	WQHP	NITRATE/NITRITE	09-OCT-91	0.02	44	MG/L	
		NITRATE/NITRITE	16-JUL-91	0.02	40	MG/L	
		NITRATE/NITRITE	19-APR-91	0.02	50	MG/L	
B208689	METALS	ALUMINUM	09-OCT-91	200	182.00	UG/L	B
		ANTIMONY	09-OCT-91	60	93.70	UG/L	
		ARSENIC	09-OCT-91	10	2.00	UG/L	B
		BARIUM	09-OCT-91	200	19.10	UG/L	B
		BERYLLIUM	09-OCT-91	5	1.00	UG/L	U
		CADMIUM	09-OCT-91	5	10.80	UG/L	
		CALCIUM	09-OCT-91	5000	483000.00	UG/L	
		CESIUM	09-OCT-91	1000	51.00	UG/L	U
		CHROMIUM	09-OCT-91	10	34.70	UG/L	
		COBALT	09-OCT-91	50	5.60	UG/L	B
		COPPER	09-OCT-91	25	14.00	UG/L	B
		IRON	09-OCT-91	100	45.20	UG/L	B
		LEAD	09-OCT-91	3	1.00	UG/L	UW
		LITHIUM	09-OCT-91	100	760.00	UG/L	
		MAGNESIUM	09-OCT-91	5000	184000.00	UG/L	
		MANGANESE	09-OCT-91	15	204.00	UG/L	
		MERCURY	09-OCT-91	0	0.20	UG/L	U
		MOLYBDENUM	09-OCT-91	200	17.00	UG/L	B
		NICKEL	09-OCT-91	40	17.00	UG/L	U
		POTASSIUM	09-OCT-91	5000	11500.00	UG/L	
		SELENIUM	09-OCT-91	5	2.00	UG/L	UW
		SILVER	09-OCT-91	10	2.00	UG/L	U
		SODIUM	09-OCT-91	5000	385000.00	UG/L	
		STRONTIUM	09-OCT-91	200	6510.00	UG/L	
		THALLIUM	09-OCT-91	10	1.00	UG/L	U
		TIN	09-OCT-91	200	88.20	UG/L	B
		VANADIUM	09-OCT-91	50	18.50	UG/L	B
		ZINC	09-OCT-91	20	24.50	UG/L	
		ALUMINUM	10-JUL-91	200	174.00	UG/L	B*
		ANTIMONY	10-JUL-91	60	155.00	UG/L	N
		ARSENIC	10-JUL-91	10	2.00	UG/L	U
		BARIUM	10-JUL-91	200	24.10	UG/L	BE
		BERYLLIUM	10-JUL-91	5	2.00	UG/L	B

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		CADMIUM	10-JUL-91	5	4.20	UG/L	B
		CALCIUM	10-JUL-91	5000	495000.00	UG/L	
		CESIUM	10-JUL-91	1000	112.00	UG/L	U
		CHROMIUM	10-JUL-91	10	33.50	UG/L	
		COBALT	10-JUL-91	50	5.90	UG/L	B
		COPPER	10-JUL-91	25	19.30	UG/L	B
		IRON	10-JUL-91	100	52.20	UG/L	B
		LEAD	10-JUL-91	3	1.00	UG/L	UW
		LITHIUM	10-JUL-91	100	858.00	UG/L	
		MAGNESIUM	10-JUL-91	5000	193000.00	UG/L	
		MANGANESE	10-JUL-91	15	195.00	UG/L	
		MERCURY	10-JUL-91	0	0.20	UG/L	U
		MOLYBDENUM	10-JUL-91	200	16.30	UG/L	B
		NICKEL	10-JUL-91	40	11.40	UG/L	B
		POTASSIUM	10-JUL-91	5000	11400.00	UG/L	
		SELENIUM	10-JUL-91	5	10.00	UG/L	BW
		SILVER	10-JUL-91	10	2.00	UG/L	U
		SODIUM	10-JUL-91	5000	399000.00	UG/L	
		STRONTIUM	10-JUL-91	200	6340.00	UG/L	
		THALLIUM	10-JUL-91	10	2.00	UG/L	U
		TIN	10-JUL-91	200	142.00	UG/L	B
		VANADIUM	10-JUL-91	50	5.70	UG/L	B
		ZINC	10-JUL-91	20	39.60	UG/L	
B208689	RADS	GROSS ALPHA - DISSOLVED	22-JAN-91	2	35.82	PCI/L	
		GROSS BETA - DISSOLVED	22-JAN-91	4	21.82	PCI/L	
		TRITIUM	22-JAN-91	400	-67.3	PCI/L	J
		URANIUM-233,-234	22-JAN-91	.6	73.83	PCI/L	
		URANIUM-235	22-JAN-91	.6	1.824	PCI/L	
		URANIUM-238	22-JAN-91	.6	48.3	PCI/L	
B208689	VOA	1,1,1-TRICHLOROETHANE	09-APR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	09-APR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	09-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	09-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	09-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	09-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	09-APR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	09-APR-91	5	5	UG/L	U
		2-BUTANONE	09-APR-91	10	10	UG/L	U
		2-HEXANONE	09-APR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	09-APR-91	10	10	UG/L	U
		ACETONE	09-APR-91	10	10	UG/L	U
		BENZENE	09-APR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	09-APR-91	5	5	UG/L	U
		BROMOFORM	09-APR-91	5	5	UG/L	U
		BROMOMETHANE	09-APR-91	10	10	UG/L	U
		CARBON DISULFIDE	09-APR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	09-APR-91	5	5	UG/L	U
		CHLOROBENZENE	09-APR-91	5	5	UG/L	U
		CHLOROETHANE	09-APR-91	10	10	UG/L	U
		CHLOROFORM	09-APR-91	5	5	UG/L	U
		CHLOROMETHANE	09-APR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	09-APR-91	5	5	UG/L	U
		ETHYLBENZENE	09-APR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	09-APR-91	5	5	UG/L	U
		STYRENE	09-APR-91	5	5	UG/L	U
		TETRACHLOROETHENE	09-APR-91	5	5	UG/L	U
		TOLUENE	09-APR-91	5	5	UG/L	U
		TOTAL XYLENES	09-APR-91	5	5	UG/L	U
		TRICHLOROETHENE	09-APR-91	5	5	UG/L	U
		VINYL ACETATE	09-APR-91	10	10	UG/L	U
		VINYL CHLORIDE	09-APR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	09-APR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	09-APR-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	09-OCT-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	09-OCT-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	09-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	09-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	09-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	09-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	09-OCT-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		1,2-DICHLOROPROPANE	09-OCT-91	5	5	UG/L	U
		2-BUTANONE	09-OCT-91	10	10	UG/L	U
		2-HEXANONE	09-OCT-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	09-OCT-91	10	10	UG/L	U
		ACETONE	09-OCT-91	10	10	UG/L	U
		BENZENE	09-OCT-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	09-OCT-91	5	5	UG/L	U
		BROMOFORM	09-OCT-91	5	5	UG/L	U
		BROMOMETHANE	09-OCT-91	10	10	UG/L	U
		CARBON DISULFIDE	09-OCT-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	09-OCT-91	5	5	UG/L	U
		CHLOROBENZENE	09-OCT-91	5	5	UG/L	U
		CHLOROETHANE	09-OCT-91	10	10	UG/L	U
		CHLOROFORM	09-OCT-91	5	5	UG/L	U
		CHLOROMETHANE	09-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	09-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	09-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	09-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	09-OCT-91	5	5	UG/L	U
		STYRENE	09-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	09-OCT-91	5	5	UG/L	U
		TOLUENE	09-OCT-91	5	5	UG/L	U
		TOTAL XYLENES	09-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	09-OCT-91	5	5	UG/L	U
		VINYL ACETATE	09-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	09-OCT-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	09-OCT-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	09-OCT-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	10-JUL-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	10-JUL-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	10-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	10-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	10-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	10-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	10-JUL-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	10-JUL-91	5	5	UG/L	U
		2-BUTANONE	10-JUL-91	10	10	UG/L	U
		2-HEXANONE	10-JUL-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	10-JUL-91	10	10	UG/L	U
		ACETONE	10-JUL-91	10	10	UG/L	U
		BENZENE	10-JUL-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	10-JUL-91	5	5	UG/L	U
		BROMOFORM	10-JUL-91	5	5	UG/L	U
		BROMOMETHANE	10-JUL-91	10	10	UG/L	U
		CARBON DISULFIDE	10-JUL-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	10-JUL-91	5	5	UG/L	U
		CHLOROBENZENE	10-JUL-91	5	5	UG/L	U
		CHLOROETHANE	10-JUL-91	10	10	UG/L	U
		CHLOROFORM	10-JUL-91	5	5	UG/L	U
		CHLOROMETHANE	10-JUL-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	10-JUL-91	5	5	UG/L	U
		ETHYLBENZENE	10-JUL-91	5	5	UG/L	U
		METHYLENE CHLORIDE	10-JUL-91	5	4	UG/L	J
		STYRENE	10-JUL-91	5	5	UG/L	U
		TETRACHLOROETHENE	10-JUL-91	5	5	UG/L	U
		TOLUENE	10-JUL-91	5	5	UG/L	U
		TOTAL XYLENES	10-JUL-91	5	5	UG/L	U
		TRICHLOROETHENE	10-JUL-91	5	5	UG/L	U
		VINYL ACETATE	10-JUL-91	10	10	UG/L	U
		VINYL CHLORIDE	10-JUL-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	10-JUL-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	10-JUL-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	22-JAN-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	22-JAN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	22-JAN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	22-JAN-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	22-JAN-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	22-JAN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	22-JAN-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	22-JAN-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		2-BUTANONE	22-JAN-91	10	10	UG/L	U
		2-HEXANONE	22-JAN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	22-JAN-91	10	10	UG/L	U
		ACETONE	22-JAN-91	10	6	UG/L	BJ
		BENZENE	22-JAN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	22-JAN-91	5	5	UG/L	U
		BROMOFORM	22-JAN-91	5	5	UG/L	U
		BROMOMETHANE	22-JAN-91	10	10	UG/L	U
		CARBON DISULFIDE	22-JAN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	22-JAN-91	5	5	UG/L	U
		CHLOROBENZENE	22-JAN-91	5	5	UG/L	U
		CHLOROETHANE	22-JAN-91	10	10	UG/L	U
		CHLOROFORM	22-JAN-91	5	5	UG/L	U
		CHLOROMETHANE	22-JAN-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	22-JAN-91	5	5	UG/L	U
		ETHYLBENZENE	22-JAN-91	5	5	UG/L	U
		METHYLENE CHLORIDE	22-JAN-91	5	1	UG/L	BJ
		STYRENE	22-JAN-91	5	5	UG/L	U
		TETRACHLOROETHENE	22-JAN-91	5	5	UG/L	U
		TOLUENE	22-JAN-91	5	5	UG/L	U
		TOTAL XYLENES	22-JAN-91	5	5	UG/L	U
		TRICHLOROETHENE	22-JAN-91	5	5	UG/L	U
		VINYL ACETATE	22-JAN-91	10	10	UG/L	U
		VINYL CHLORIDE	22-JAN-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	22-JAN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	22-JAN-91	5	5	UG/L	U
B208689	WQHP	BICARBONATE AS CACO3	09-APR-91	1.0	430	MG/L	
		CARBONATE AS CACO3	09-APR-91	1.0	0	MG/L	
		CHLORIDE	09-APR-91	0.2	140	MG/L	
		FLUORIDE	09-APR-91	0.1	0.4	MG/L	
		NITRATE/NITRITE	09-APR-91	0.02	1.3	MG/L	
		ORTHOPHOSPHATE	09-APR-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	09-APR-91	0.4	4.8	MG/L	
		SULFATE	09-APR-91	2.0	2100	MG/L	
		TOTAL DISSOLVED SOLIDS	09-APR-91	10.0	4000	MG/L	
		TOTAL SUSPENDED SOLIDS	09-APR-91	4.0	130	MG/L	
		BICARBONATE AS CACO3	09-OCT-91	1.0	460	MG/L	
		CARBONATE AS CACO3	09-OCT-91	1.0	1	MG/L	U
		CHLORIDE	09-OCT-91	0.2	150	MG/L	
		FLUORIDE	09-OCT-91	0.1	0.3	MG/L	
		NITRATE/NITRITE	09-OCT-91	0.02	1.0	MG/L	
		ORTHOPHOSPHATE	09-OCT-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	09-OCT-91	0.4	9.0	MG/L	
		SULFATE	09-OCT-91	2.0	3200	MG/L	
		TOTAL DISSOLVED SOLIDS	09-OCT-91	10.0	4100	MG/L	
		TOTAL SUSPENDED SOLIDS	09-OCT-91	4.0	56	MG/L	
		BICARBONATE AS CACO3	10-JUL-91	1.0	440	MG/L	
		CARBONATE AS CACO3	10-JUL-91	1.0	0	MG/L	
		CHLORIDE	10-JUL-91	0.2	200	MG/L	
		FLUORIDE	10-JUL-91	0.1	0.3	MG/L	
		NITRATE/NITRITE	10-JUL-91	0.02	1.3	MG/L	
		SILICA, DISSOLVED	10-JUL-91	0.4	7.8	MG/L	
		SULFATE	10-JUL-91	2.0	2800	MG/L	
		TOTAL DISSOLVED SOLIDS	10-JUL-91	10.0	3900	MG/L	
		TOTAL SUSPENDED SOLIDS	10-JUL-91	4.0	30	MG/L	
		BICARBONATE AS CACO3	22-JAN-91	1.0	440	MG/L	
		CARBONATE AS CACO3	22-JAN-91	1.0	0	MG/L	
		CHLORIDE	22-JAN-91	0.2	150	MG/L	
		FLUORIDE	22-JAN-91	0.1	0.3	MG/L	
		NITRATE/NITRITE	22-JAN-91	0.02	2.4	MG/L	
		ORTHOPHOSPHATE	22-JAN-91	0.01	0.03	MG/L	
		SILICA, DISSOLVED	22-JAN-91	0.4	9.0	MG/L	
		SULFATE	22-JAN-91	2.0	2300	MG/L	
		TOTAL DISSOLVED SOLIDS	22-JAN-91	10.0	4100	MG/L	
		TOTAL SUSPENDED SOLIDS	22-JAN-91	4.0	60	MG/L	
B210389	VOA	1,1,1-TRICHLOROETHANE	22-JAN-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	22-JAN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	22-JAN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	22-JAN-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	22-JAN-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		1,2-DICHLOROETHANE	22-JAN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	22-JAN-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	22-JAN-91	5	5	UG/L	U
		2-BUTANONE	22-JAN-91	10	10	UG/L	U
		2-HEXANONE	22-JAN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	22-JAN-91	10	10	UG/L	U
		ACETONE	22-JAN-91	10	3	UG/L	BJ
		BENZENE	22-JAN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	22-JAN-91	5	5	UG/L	U
		BROMOFORM	22-JAN-91	5	5	UG/L	U
		BROMOMETHANE	22-JAN-91	10	10	UG/L	U
		CARBON DISULFIDE	22-JAN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	22-JAN-91	5	5	UG/L	U
		CHLOROBENZENE	22-JAN-91	5	5	UG/L	U
		CHLOROETHANE	22-JAN-91	10	10	UG/L	U
		CHLOROFORM	22-JAN-91	5	5	UG/L	U
		CHLOROMETHANE	22-JAN-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	22-JAN-91	5	5	UG/L	U
		ETHYLBENZENE	22-JAN-91	5	5	UG/L	U
		METHYLENE CHLORIDE	22-JAN-91	5	1	UG/L	BJ
		STYRENE	22-JAN-91	5	5	UG/L	U
		TETRACHLOROETHENE	22-JAN-91	5	5	UG/L	U
		TOLUENE	22-JAN-91	5	5	UG/L	U
		TOTAL XYLENES	22-JAN-91	5	5	UG/L	U
		TRICHLOROETHENE	22-JAN-91	5	5	UG/L	U
		VINYL ACETATE	22-JAN-91	10	10	UG/L	U
		VINYL CHLORIDE	22-JAN-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	22-JAN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	22-JAN-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	22-OCT-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	22-OCT-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	22-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	22-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	22-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	22-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	22-OCT-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	22-OCT-91	5	5	UG/L	U
		2-BUTANONE	22-OCT-91	10	10	UG/L	U
		2-HEXANONE	22-OCT-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	22-OCT-91	10	10	UG/L	U
		ACETONE	22-OCT-91	10	10	UG/L	U
		BENZENE	22-OCT-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	22-OCT-91	5	5	UG/L	U
		BROMOFORM	22-OCT-91	5	5	UG/L	U
		BROMOMETHANE	22-OCT-91	10	10	UG/L	U
		CARBON DISULFIDE	22-OCT-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	22-OCT-91	5	5	UG/L	U
		CHLOROBENZENE	22-OCT-91	5	5	UG/L	U
		CHLOROETHANE	22-OCT-91	10	10	UG/L	U
		CHLOROFORM	22-OCT-91	5	5	UG/L	U
		CHLOROMETHANE	22-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	22-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	22-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	22-OCT-91	5	2	UG/L	J
		STYRENE	22-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	22-OCT-91	5	5	UG/L	U
		TOLUENE	22-OCT-91	5	5	UG/L	U
		TOTAL XYLENES	22-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	22-OCT-91	5	5	UG/L	U
		VINYL ACETATE	22-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	22-OCT-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	22-OCT-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	22-OCT-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	29-MAY-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	29-MAY-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	29-MAY-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	29-MAY-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	29-MAY-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	29-MAY-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	29-MAY-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		1,2-DICHLOROPROPANE	29-MAY-91	5	5	UG/L	U
		2-BUTANONE	29-MAY-91	10	10	UG/L	U
		2-HEXANONE	29-MAY-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	29-MAY-91	10	10	UG/L	U
		ACETONE	29-MAY-91	10	10	UG/L	U
		BENZENE	29-MAY-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	29-MAY-91	5	5	UG/L	U
		BROMOFORM	29-MAY-91	5	5	UG/L	U
		BROMOMETHANE	29-MAY-91	10	10	UG/L	U
		CARBON DISULFIDE	29-MAY-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	29-MAY-91	5	5	UG/L	U
		CHLOROBENZENE	29-MAY-91	5	5	UG/L	U
		CHLOROETHANE	29-MAY-91	10	10	UG/L	U
		CHLOROFORM	29-MAY-91	5	5	UG/L	U
		CHLOROMETHANE	29-MAY-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	29-MAY-91	5	5	UG/L	U
		ETHYLBENZENE	29-MAY-91	5	5	UG/L	U
		METHYLENE CHLORIDE	29-MAY-91	5	1	UG/L	BJ
		STYRENE	29-MAY-91	5	5	UG/L	U
		TETRACHLOROETHENE	29-MAY-91	5	5	UG/L	U
		TOLUENE	29-MAY-91	5	5	UG/L	U
		TOTAL XYLENES	29-MAY-91	5	5	UG/L	U
		TRICHLOROETHENE	29-MAY-91	5	5	UG/L	U
		VINYL ACETATE	29-MAY-91	10	10	UG/L	U
		VINYL CHLORIDE	29-MAY-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	29-MAY-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	29-MAY-91	5	5	UG/L	U
B210389	WQHP	NITRATE/NITRITE	22-OCT-91	0.02	1.2	MG/L	
		NITRATE/NITRITE	29-MAY-91	0.02	1.6	MG/L	
P207389	METALS	ALUMINUM	07-AUG-91	200	77.20	UG/L	B*
		ALUMINUM	07-AUG-91	200	36.60	UG/L	B
		ANTIMONY	07-AUG-91	60	35.90	UG/L	B
		ANTIMONY	07-AUG-91	60	44.50	UG/L	B
		ARSENIC	07-AUG-91	10	2.00	UG/L	U
		ARSENIC	07-AUG-91	10	2.00	UG/L	U
		BARIUM	07-AUG-91	200	111.00	UG/L	B
		BARIUM	07-AUG-91	200	102.00	UG/L	B
		BERYLLIUM	07-AUG-91	5	1.00	UG/L	U
		BERYLLIUM	07-AUG-91	5	1.00	UG/L	U
		CADMIUM	07-AUG-91	5	1.00	UG/L	U
		CADMIUM	07-AUG-91	5	1.80	UG/L	B
		CALCIUM	07-AUG-91	5000	91200.00	UG/L	
		CALCIUM	07-AUG-91	5000	85500.00	UG/L	
		CESIUM	07-AUG-91	1000	32.00	UG/L	U
		CESIUM	07-AUG-91	1000	32.00	UG/L	U
		CHROMIUM	07-AUG-91	10	13.30	UG/L	
		CHROMIUM	07-AUG-91	10	14.60	UG/L	
		COBALT	07-AUG-91	50	2.00	UG/L	U
		COBALT	07-AUG-91	50	5.00	UG/L	B
		COPPER	07-AUG-91	25	8.40	UG/L	B
		COPPER	07-AUG-91	25	6.60	UG/L	B
		CYANIDE	07-AUG-91	10	2.00	UG/L	U
		IRON	07-AUG-91	100	63.20	UG/L	B*
		IRON	07-AUG-91	100	30.60	UG/L	B
		LEAD	07-AUG-91	3	1.00	UG/L	U
		LEAD	07-AUG-91	3	1.00	UG/L	U
		LITHIUM	07-AUG-91	100	20.80	UG/L	B
		LITHIUM	07-AUG-91	100	19.30	UG/L	B
		MAGNESIUM	07-AUG-91	5000	21600.00	UG/L	
		MAGNESIUM	07-AUG-91	5000	20700.00	UG/L	
		MANGANESE	07-AUG-91	15	3.70	UG/L	B*
		MANGANESE	07-AUG-91	15	2.70	UG/L	B
		MERCURY	07-AUG-91	0	0.20	UG/L	UN
		MERCURY	07-AUG-91	0	0.20	UG/L	U
		MOLYBDENUM	07-AUG-91	200	5.30	UG/L	B
		MOLYBDENUM	07-AUG-91	200	4.70	UG/L	B
		NICKEL	07-AUG-91	40	4.70	UG/L	B
		NICKEL	07-AUG-91	40	3.00	UG/L	U
		POTASSIUM	07-AUG-91	5000	1020.00	UG/L	B
		POTASSIUM	07-AUG-91	5000	1030.00	UG/L	B

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		SELENIUM	07-AUG-91	5	2.00	UG/L	BW
		SELENIUM	07-AUG-91	5	2.00	UG/L	B
		SILVER	07-AUG-91	10	2.00	UG/L	U
		SILVER	07-AUG-91	10	2.40	UG/L	B
		SODIUM	07-AUG-91	5000	67100.00	UG/L	
		SODIUM	07-AUG-91	5000	63100.00	UG/L	
		STRONTIUM	07-AUG-91	200	615.00	UG/L	
		STRONTIUM	07-AUG-91	200	587.00	UG/L	
		THALLIUM	07-AUG-91	10	20.00	UG/L	UW
		THALLIUM	07-AUG-91	10	2.00	UG/L	UWN
		TIN	07-AUG-91	200	36.30	UG/L	B
		TIN	07-AUG-91	200	40.70	UG/L	B
		VANADIUM	07-AUG-91	50	4.50	UG/L	B
		VANADIUM	07-AUG-91	50	3.80	UG/L	B
		ZINC	07-AUG-91	20	25.10	UG/L	
		ZINC	07-AUG-91	20	18.00	UG/L	B
		ALUMINUM	24-OCT-91	200	97.90	UG/L	B*
		ALUMINUM	24-OCT-91	200	49.90	UG/L	B
		ANTIMONY	24-OCT-91	60	51.90	UG/L	B
		ANTIMONY	24-OCT-91	60	55.90	UG/L	B
		ARSENIC	24-OCT-91	10	2.00	UG/L	UN
		ARSENIC	24-OCT-91	10	2.00	UG/L	U
		BARIUM	24-OCT-91	200	103.00	UG/L	B
		BARIUM	24-OCT-91	200	105.00	UG/L	B
		BERYLLIUM	24-OCT-91	5	1.00	UG/L	U
		BERYLLIUM	24-OCT-91	5	1.00	UG/L	U
		CADMIUM	24-OCT-91	5	3.10	UG/L	B
		CADMIUM	24-OCT-91	5	3.60	UG/L	B
		CALCIUM	24-OCT-91	5000	85400.00	UG/L	
		CALCIUM	24-OCT-91	5000	89000.00	UG/L	
		CESIUM	24-OCT-91	1000	51.00	UG/L	U
		CESIUM	24-OCT-91	1000	51.00	UG/L	U
		CHROMIUM	24-OCT-91	10	16.30	UG/L	
		CHROMIUM	24-OCT-91	10	15.50	UG/L	
		COBALT	24-OCT-91	50	4.60	UG/L	B
		COBALT	24-OCT-91	50	4.80	UG/L	B
		COPPER	24-OCT-91	25	7.00	UG/L	B
		COPPER	24-OCT-91	25	3.50	UG/L	B
		CYANIDE	24-OCT-91	10	2.00	UG/L	U
		IRON	24-OCT-91	100	139.00	UG/L	
		IRON	24-OCT-91	100	6.60	UG/L	B
		LEAD	24-OCT-91	3	1.00	UG/L	UW
		LEAD	24-OCT-91	3	1.00	UG/L	U
		LITHIUM	24-OCT-91	100	17.00	UG/L	B
		LITHIUM	24-OCT-91	100	17.60	UG/L	B
		MAGNESIUM	24-OCT-91	5000	20200.00	UG/L	
		MAGNESIUM	24-OCT-91	5000	21100.00	UG/L	
		MANGANESE	24-OCT-91	15	3.90	UG/L	B
		MANGANESE	24-OCT-91	15	3.20	UG/L	B
		MERCURY	24-OCT-91	0	0.20	UG/L	U
		MERCURY	24-OCT-91	0	0.20	UG/L	U
		MOLYBDENUM	24-OCT-91	200	6.30	UG/L	B
		MOLYBDENUM	24-OCT-91	200	7.70	UG/L	B
		NICKEL	24-OCT-91	40	17.00	UG/L	U
		NICKEL	24-OCT-91	40	17.00	UG/L	U
		POTASSIUM	24-OCT-91	5000	982.00	UG/L	B
		POTASSIUM	24-OCT-91	5000	1000.00	UG/L	B
		SELENIUM	24-OCT-91	5	2.00	UG/L	UW
		SELENIUM	24-OCT-91	5	2.00	UG/L	B
		SILVER	24-OCT-91	10	3.80	UG/L	B
		SILVER	24-OCT-91	10	3.50	UG/L	B
		SODIUM	24-OCT-91	5000	59500.00	UG/L	
		SODIUM	24-OCT-91	5000	61300.00	UG/L	
		STRONTIUM	24-OCT-91	200	614.00	UG/L	
		STRONTIUM	24-OCT-91	200	637.00	UG/L	
		THALLIUM	24-OCT-91	10	1.00	UG/L	UWN
		THALLIUM	24-OCT-91	10	1.00	UG/L	UW
		TIN	24-OCT-91	200	26.40	UG/L	B
		TIN	24-OCT-91	200	22.40	UG/L	B
		VANADIUM	24-OCT-91	50	7.40	UG/L	B

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		VANADIUM	24-OCT-91	50	7.10	UG/L	B
		ZINC	24-OCT-91	20	20.50	UG/L	E
		ZINC	24-OCT-91	20	21.40	UG/L	
		ALUMINUM	26-MAR-91	200	52.00	UG/L	B
		ANTIMONY	26-MAR-91	60	8.00	UG/L	U
		ARSENIC	26-MAR-91	10	2.00	UG/L	U
		BARIUM	26-MAR-91	200	97.40	UG/L	B
		BERYLLIUM	26-MAR-91	5	1.00	UG/L	U
		CADMIUM	26-MAR-91	5	2.00	UG/L	U
		CALCIUM	26-MAR-91	5000	84900.00	UG/L	
		CESIUM	26-MAR-91	1000	112.00	UG/L	U
		CHROMIUM	26-MAR-91	10	5.00	UG/L	U
		COBALT	26-MAR-91	50	3.00	UG/L	U
		COPPER	26-MAR-91	25	2.00	UG/L	U
		CYANIDE	26-MAR-91	10	3.50	UG/L	U
		IRON	26-MAR-91	100	13.70	UG/L	B
		LEAD	26-MAR-91	3	1.00	UG/L	U
		LITHIUM	26-MAR-91	100	11.50	UG/L	B
		MAGNESIUM	26-MAR-91	5000	20600.00	UG/L	
		MANGANESE	26-MAR-91	15	1.80	UG/L	B
		MERCURY	26-MAR-91	0	0.56	UG/L	
		MOLYBDENUM	26-MAR-91	200	3.00	UG/L	U
		NICKEL	26-MAR-91	40	4.00	UG/L	U
		POTASSIUM	26-MAR-91	5000	884.00	UG/L	B
		SELENIUM	26-MAR-91	5	3.00	UG/L	B
		SILVER	26-MAR-91	10	3.00	UG/L	U
		SODIUM	26-MAR-91	5000	70000.00	UG/L	
		STRONTIUM	26-MAR-91	200	624.00	UG/L	
		THALLIUM	26-MAR-91	10	3.00	UG/L	U
		TIN	26-MAR-91	200	11.00	UG/L	U
		VANADIUM	26-MAR-91	50	4.10	UG/L	B
		ZINC	26-MAR-91	20	19.30	UG/L	B
		ALUMINUM	31-MAY-91	200	17.80	UG/L	B
		ANTIMONY	31-MAY-91	60	6.00	UG/L	U
		ARSENIC	31-MAY-91	10	2.00	UG/L	U
		BARIUM	31-MAY-91	200	106.00	UG/L	B
		BERYLLIUM	31-MAY-91	5	1.00	UG/L	U
		CADMIUM	31-MAY-91	5	2.00	UG/L	U
		CALCIUM	31-MAY-91	5000	91300.00	UG/L	
		CESIUM	31-MAY-91	1000	112.00	UG/L	U
		CHROMIUM	31-MAY-91	10	3.00	UG/L	U
		COBALT	31-MAY-91	50	3.00	UG/L	U
		COPPER	31-MAY-91	25	11.00	UG/L	U
		CYANIDE	31-MAY-91	10	2.50	UG/L	U
		IRON	31-MAY-91	100	53.60	UG/L	B
		LEAD	31-MAY-91	3	1.00	UG/L	U
		LITHIUM	31-MAY-91	100	19.20	UG/L	B
		MAGNESIUM	31-MAY-91	5000	22000.00	UG/L	
		MANGANESE	31-MAY-91	15	1.00	UG/L	U
		MERCURY	31-MAY-91	0	0.20	UG/L	U
		MOLYBDENUM	31-MAY-91	200	2.00	UG/L	U
		NICKEL	31-MAY-91	40	3.00	UG/L	U
		POTASSIUM	31-MAY-91	5000	772.00	UG/L	B
		SELENIUM	31-MAY-91	5	2.00	UG/L	B
		SILVER	31-MAY-91	10	2.00	UG/L	U
		SODIUM	31-MAY-91	5000	64800.00	UG/L	
		STRONTIUM	31-MAY-91	200	671.00	UG/L	
		THALLIUM	31-MAY-91	10	1.00	UG/L	UW
		TIN	31-MAY-91	200	12.60	UG/L	B
		VANADIUM	31-MAY-91	50	2.00	UG/L	U
		ZINC	31-MAY-91	20	4.10	UG/L	B
P207389	RADS	AMERICIUM-241	07-AUG-91	.01	.005513	PCI/L	J
		CESIUM-137	07-AUG-91	1	-.0274	PCI/L	J
		GROSS ALPHA - DISSOLVED	07-AUG-91	2	7.713	PCI/L	
		GROSS BETA - DISSOLVED	07-AUG-91	4	2.988	PCI/L	J
		PLUTONIUM-239/240	07-AUG-91	.01	.001853	PCI/L	J
		RADIUM-226	07-AUG-91	.5	.3811	PCI/L	J
		STRONTIUM-89,90	07-AUG-91	1	1.467	PCI/L	
		TRITIUM	07-AUG-91	400	565.7	PCI/L	
		URANIUM-233,-234	07-AUG-91	.6	4.766	PCI/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		URANIUM-235	07-AUG-91	.6	.2886	PCI/L	J
		URANIUM-238	07-AUG-91	.6	2.824	PCI/L	
		AMERICIUM-241	26-MAR-91	.01	.005594	PCI/L	J
		CESIUM-137	26-MAR-91	1	-.129	PCI/L	J
		GROSS ALPHA - DISSOLVED	26-MAR-91	2	4.935	PCI/L	
		GROSS BETA - DISSOLVED	26-MAR-91	4	3.65	PCI/L	J
		PLUTONIUM-239/240	26-MAR-91	.01	-.000227	PCI/L	J
		STRONTIUM-89,90	26-MAR-91	1	.1543	PCI/L	J
		TRITIUM	26-MAR-91	400	759	PCI/L	
		URANIUM-233,-234	26-MAR-91	.6	4.751	PCI/L	
		URANIUM-235	26-MAR-91	.6	.1774	PCI/L	J
		URANIUM-238	26-MAR-91	.6	2.902	PCI/L	
P207389	VOA	1,1,1-TRICHLOROETHANE	07-AUG-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	07-AUG-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	07-AUG-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	07-AUG-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	07-AUG-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	07-AUG-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	07-AUG-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	07-AUG-91	5	5	UG/L	U
		2-BUTANONE	07-AUG-91	10	10	UG/L	U
		2-HEXANONE	07-AUG-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	07-AUG-91	10	10	UG/L	U
		ACETONE	07-AUG-91	10	10	UG/L	U
		BENZENE	07-AUG-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	07-AUG-91	5	5	UG/L	U
		BROMOFORM	07-AUG-91	5	5	UG/L	U
		BROMOMETHANE	07-AUG-91	10	10	UG/L	U
		CARBON DISULFIDE	07-AUG-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	07-AUG-91	5	5	UG/L	U
		CHLOROBENZENE	07-AUG-91	5	5	UG/L	U
		CHLOROETHANE	07-AUG-91	10	10	UG/L	U
		CHLOROFORM	07-AUG-91	5	5	UG/L	U
		CHLOROMETHANE	07-AUG-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	07-AUG-91	5	5	UG/L	U
		ETHYLBENZENE	07-AUG-91	5	5	UG/L	U
		METHYLENE CHLORIDE	07-AUG-91	5	5	UG/L	U
		STYRENE	07-AUG-91	5	5	UG/L	U
		TETRACHLOROETHENE	07-AUG-91	5	5	UG/L	U
		TOLUENE	07-AUG-91	5	5	UG/L	U
		TOTAL XYLENES	07-AUG-91	5	5	UG/L	U
		TRICHLOROETHENE	07-AUG-91	5	5	UG/L	U
		VINYL ACETATE	07-AUG-91	10	10	UG/L	U
		VINYL CHLORIDE	07-AUG-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	07-AUG-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	07-AUG-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	24-OCT-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	24-OCT-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	24-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	24-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	24-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	24-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	24-OCT-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	24-OCT-91	5	5	UG/L	U
		2-BUTANONE	24-OCT-91	10	10	UG/L	U
		2-HEXANONE	24-OCT-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	24-OCT-91	10	10	UG/L	U
		ACETONE	24-OCT-91	10	10	UG/L	U
		BENZENE	24-OCT-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	24-OCT-91	5	5	UG/L	U
		BROMOFORM	24-OCT-91	5	5	UG/L	U
		BROMOMETHANE	24-OCT-91	10	10	UG/L	U
		CARBON DISULFIDE	24-OCT-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	24-OCT-91	5	5	UG/L	U
		CHLOROBENZENE	24-OCT-91	5	5	UG/L	U
		CHLOROETHANE	24-OCT-91	10	10	UG/L	U
		CHLOROFORM	24-OCT-91	5	5	UG/L	U
		CHLOROMETHANE	24-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	24-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	24-OCT-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		METHYLENE CHLORIDE	24-OCT-91	5	5	UG/L	U
		STYRENE	24-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	24-OCT-91	5	5	UG/L	U
		TOLUENE	24-OCT-91	5	5	UG/L	U
		TOTAL XYLENES	24-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	24-OCT-91	5	5	UG/L	U
		VINYL ACETATE	24-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	24-OCT-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	24-OCT-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	24-OCT-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	26-MAR-91	5	5	UG/L	U
		2-BUTANONE	26-MAR-91	10	10	UG/L	U
		2-HEXANONE	26-MAR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	26-MAR-91	10	10	UG/L	U
		ACETONE	26-MAR-91	10	9	UG/L	J
		BENZENE	26-MAR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	26-MAR-91	5	5	UG/L	U
		BROMOFORM	26-MAR-91	5	5	UG/L	U
		BROMOMETHANE	26-MAR-91	10	10	UG/L	U
		CARBON DISULFIDE	26-MAR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	26-MAR-91	5	5	UG/L	U
		CHLOROBENZENE	26-MAR-91	5	5	UG/L	U
		CHLOROETHANE	26-MAR-91	10	10	UG/L	U
		CHLOROFORM	26-MAR-91	5	5	UG/L	U
		CHLOROMETHANE	26-MAR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	26-MAR-91	5	5	UG/L	U
		ETHYLBENZENE	26-MAR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	26-MAR-91	5	5	UG/L	U
		STYRENE	26-MAR-91	5	5	UG/L	U
		TETRACHLOROETHENE	26-MAR-91	5	5	UG/L	U
		TOLUENE	26-MAR-91	5	5	UG/L	U
		TOTAL XYLENES	26-MAR-91	5	5	UG/L	U
		TRICHLOROETHENE	26-MAR-91	5	5	UG/L	U
		VINYL ACETATE	26-MAR-91	10	10	UG/L	U
		VINYL CHLORIDE	26-MAR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	26-MAR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	26-MAR-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	31-MAY-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	31-MAY-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	31-MAY-91	5	5	UG/L	U
		2-BUTANONE	31-MAY-91	10	10	UG/L	U
		2-HEXANONE	31-MAY-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	31-MAY-91	10	10	UG/L	U
		ACETONE	31-MAY-91	10	10	UG/L	U
		BENZENE	31-MAY-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	31-MAY-91	5	5	UG/L	U
		BROMOFORM	31-MAY-91	5	5	UG/L	U
		BROMOMETHANE	31-MAY-91	10	10	UG/L	U
		CARBON DISULFIDE	31-MAY-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	31-MAY-91	5	5	UG/L	U
		CHLOROBENZENE	31-MAY-91	5	5	UG/L	U
		CHLOROETHANE	31-MAY-91	10	10	UG/L	U
		CHLOROFORM	31-MAY-91	5	5	UG/L	U
		CHLOROMETHANE	31-MAY-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	31-MAY-91	5	5	UG/L	U
		ETHYLBENZENE	31-MAY-91	5	5	UG/L	U
		METHYLENE CHLORIDE	31-MAY-91	5	6	UG/L	
		STYRENE	31-MAY-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		TETRACHLOROETHENE	31-MAY-91	5	5	UG/L	U
		TOLUENE	31-MAY-91	5	5	UG/L	U
		TOTAL XYLENES	31-MAY-91	5	5	UG/L	U
		TRICHLOROETHENE	31-MAY-91	5	5	UG/L	U
		VINYL ACETATE	31-MAY-91	10	10	UG/L	U
		VINYL CHLORIDE	31-MAY-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	31-MAY-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	31-MAY-91	5	5	UG/L	U
P207389	WQHP	BICARBONATE AS CACO3	07-AUG-91	1.0	340	MG/L	
		CARBONATE AS CACO3	07-AUG-91	1.0	1	MG/L	U
		CHLORIDE	07-AUG-91	0.2	26	MG/L	
		FLUORIDE	07-AUG-91	0.1	1.3	MG/L	
		NITRATE/NITRITE	07-AUG-91	0.02	5.3	MG/L	
		ORTHOPHOSPHATE	07-AUG-91	0.01	0.01	MG/L	
		SILICA, DISSOLVED	07-AUG-91	0.4	6.6	MG/L	
		SULFATE	07-AUG-91	2.0	110	MG/L	
		TOTAL DISSOLVED SOLIDS	07-AUG-91	10.0	510	MG/L	
		TOTAL SUSPENDED SOLIDS	07-AUG-91	4.0	4	MG/L	U
		BICARBONATE AS CACO3	24-OCT-91	1.0	310	MG/L	
		CARBONATE AS CACO3	24-OCT-91	1.0	4	MG/L	
		CHLORIDE	24-OCT-91	0.2	26	MG/L	
		FLUORIDE	24-OCT-91	0.1	1.3	MG/L	
		NITRATE/NITRITE	24-OCT-91	0.02	5.7	MG/L	
		ORTHOPHOSPHATE	24-OCT-91	0.01	0.01	MG/L	
		SILICA, DISSOLVED	24-OCT-91	0.4	6.6	MG/L	
		SULFATE	24-OCT-91	2.0	87	MG/L	
		TOTAL DISSOLVED SOLIDS	24-OCT-91	10.0	480	MG/L	
		TOTAL SUSPENDED SOLIDS	24-OCT-91	4.0	4	MG/L	U
		BICARBONATE AS CACO3	26-MAR-91	1.0	310	MG/L	
		CARBONATE AS CACO3	26-MAR-91	1.0	0	MG/L	
		CHLORIDE	26-MAR-91	0.2	24	MG/L	
		FLUORIDE	26-MAR-91	0.1	1.3	MG/L	
		NITRATE/NITRITE	26-MAR-91	0.02	4.5	MG/L	
		ORTHOPHOSPHATE	26-MAR-91	0.01	0.02	MG/L	
		SILICA, DISSOLVED	26-MAR-91	0.4	5.3	MG/L	
		SULFATE	26-MAR-91	2.0	68	MG/L	
		TOTAL DISSOLVED SOLIDS	26-MAR-91	10.0	480	MG/L	
		TOTAL SUSPENDED SOLIDS	26-MAR-91	4.0	4	MG/L	U
		BICARBONATE AS CACO3	31-MAY-91	1.0	320	MG/L	
		CARBONATE AS CACO3	31-MAY-91	1.0	1	MG/L	U
		CHLORIDE	31-MAY-91	0.2	26	MG/L	
		FLUORIDE	31-MAY-91	0.1	1.2	MG/L	
		NITRATE/NITRITE	31-MAY-91	0.02	5.9	MG/L	
		ORTHOPHOSPHATE	31-MAY-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	31-MAY-91	0.4	5.9	MG/L	
		SULFATE	31-MAY-91	2.0	62	MG/L	
		TOTAL DISSOLVED SOLIDS	31-MAY-91	10.0	500	MG/L	
		TOTAL SUSPENDED SOLIDS	31-MAY-91	4.0	4	MG/L	U
P207589	RADS	TRITIUM	27-MAR-91	400	67.5	PCI/L	J
P207789	RADS	TRITIUM	05-AUG-91	400	69.63	PCI/L	J
P207789	WQHP	NITRATE/NITRITE	30-APR-91	0.02	1.2	MG/L	
P207989	METALS	ALUMINUM	26-MAR-91	200	47.10	UG/L	B
		ANTIMONY	26-MAR-91	60	18.80	UG/L	B
		ARSENIC	26-MAR-91	10	2.00	UG/L	U
		BARIUM	26-MAR-91	200	81.10	UG/L	B
		BERYLLIUM	26-MAR-91	5	1.00	UG/L	U
		CADMIUM	26-MAR-91	5	2.00	UG/L	U
		CALCIUM	26-MAR-91	5000	63700.00	UG/L	
		CESIUM	26-MAR-91	1000	112.00	UG/L	U
		CHROMIUM	26-MAR-91	10	3.00	UG/L	U
		COBALT	26-MAR-91	50	3.00	UG/L	U
		COPPER	26-MAR-91	25	11.00	UG/L	U
		IRON	26-MAR-91	100	7.00	UG/L	U
		LEAD	26-MAR-91	3	1.00	UG/L	UW
		LITHIUM	26-MAR-91	100	51.20	UG/L	B
		MAGNESIUM	26-MAR-91	5000	49200.00	UG/L	
		MANGANESE	26-MAR-91	15	64.10	UG/L	
		MERCURY	26-MAR-91	0	0.25	UG/L	
		MOLYBDENUM	26-MAR-91	200	31.70	UG/L	B
		NICKEL	26-MAR-91	40	39.00	UG/L	B

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		POTASSIUM	26-MAR-91	5000	2560.00	UG/L	B
		SELENIUM	26-MAR-91	5	17.00	UG/L	
		SILVER	26-MAR-91	10	2.00	UG/L	U
		SODIUM	26-MAR-91	5000	241000.00	UG/L	
		STRONTIUM	26-MAR-91	200	1060.00	UG/L	
		THALLIUM	26-MAR-91	10	3.00	UG/L	U
		TIN	26-MAR-91	200	34.70	UG/L	B
		VANADIUM	26-MAR-91	50	5.60	UG/L	B
		ZINC	26-MAR-91	20	17.20	UG/L	B
P207989	RADS	GROSS ALPHA - DISSOLVED	26-MAR-91	2	51.02	PCI/L	
		GROSS BETA - DISSOLVED	26-MAR-91	4	16.74	PCI/L	
		TRITIUM	26-MAR-91	400	132.1	PCI/L	J
		URANIUM-233,-234	26-MAR-91	.6	29.89	PCI/L	
		URANIUM-235	26-MAR-91	.6	.8729	PCI/L	
		URANIUM-238	26-MAR-91	.6	23.27	PCI/L	
P207989	VOA	1,1,1-TRICHLOROETHANE	06-JUN-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	06-JUN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	06-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	06-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	06-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	06-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	06-JUN-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	06-JUN-91	5	5	UG/L	U
		2-BUTANONE	06-JUN-91	10	10	UG/L	U
		2-HEXANONE	06-JUN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	06-JUN-91	10	10	UG/L	U
		ACETONE	06-JUN-91	10	10	UG/L	U
		BENZENE	06-JUN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	06-JUN-91	5	5	UG/L	U
		BROMOFORM	06-JUN-91	5	5	UG/L	U
		BROMOMETHANE	06-JUN-91	10	10	UG/L	U
		CARBON DISULFIDE	06-JUN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	06-JUN-91	5	5	UG/L	U
		CHLOROBENZENE	06-JUN-91	5	5	UG/L	U
		CHLOROETHANE	06-JUN-91	10	10	UG/L	U
		CHLOROFORM	06-JUN-91	5	5	UG/L	U
		CHLOROMETHANE	06-JUN-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	06-JUN-91	5	5	UG/L	U
		ETHYLBENZENE	06-JUN-91	5	5	UG/L	U
		METHYLENE CHLORIDE	06-JUN-91	5	3	UG/L	BJ
		STYRENE	06-JUN-91	5	5	UG/L	U
		TETRACHLOROETHENE	06-JUN-91	5	5	UG/L	U
		TOLUENE	06-JUN-91	5	5	UG/L	U
		TOTAL XYLENES	06-JUN-91	5	5	UG/L	U
		TRICHLOROETHENE	06-JUN-91	5	5	UG/L	U
		VINYL ACETATE	06-JUN-91	10	10	UG/L	U
		VINYL CHLORIDE	06-JUN-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	06-JUN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	06-JUN-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	09-OCT-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	09-OCT-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	09-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	09-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	09-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	09-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	09-OCT-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	09-OCT-91	5	5	UG/L	U
		2-BUTANONE	09-OCT-91	10	10	UG/L	U
		2-HEXANONE	09-OCT-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	09-OCT-91	10	10	UG/L	U
		ACETONE	09-OCT-91	10	10	UG/L	U
		BENZENE	09-OCT-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	09-OCT-91	5	5	UG/L	U
		BROMOFORM	09-OCT-91	5	5	UG/L	U
		BROMOMETHANE	09-OCT-91	10	10	UG/L	U
		CARBON DISULFIDE	09-OCT-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	09-OCT-91	5	5	UG/L	U
		CHLOROBENZENE	09-OCT-91	5	5	UG/L	U
		CHLOROETHANE	09-OCT-91	10	10	UG/L	U
		CHLOROFORM	09-OCT-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		CHLOROMETHANE	09-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	09-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	09-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	09-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	09-OCT-91	5	5	UG/L	U
		STYRENE	09-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	09-OCT-91	5	5	UG/L	U
		TOLUENE	09-OCT-91	5	5	UG/L	U
		TOTAL XYLENES	09-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	09-OCT-91	5	5	UG/L	U
		VINYL ACETATE	09-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	09-OCT-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	09-OCT-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	09-OCT-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	25-JUL-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	25-JUL-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	25-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	25-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	25-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	25-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	25-JUL-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	25-JUL-91	5	5	UG/L	U
		2-BUTANONE	25-JUL-91	10	10	UG/L	U
		2-HEXANONE	25-JUL-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	25-JUL-91	10	10	UG/L	U
		ACETONE	25-JUL-91	10	8	UG/L	BJ
		BENZENE	25-JUL-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	25-JUL-91	5	5	UG/L	U
		BROMOFORM	25-JUL-91	5	5	UG/L	U
		BROMOMETHANE	25-JUL-91	10	10	UG/L	U
		CARBON DISULFIDE	25-JUL-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	25-JUL-91	5	5	UG/L	U
		CHLOROBENZENE	25-JUL-91	5	5	UG/L	U
		CHLOROETHANE	25-JUL-91	10	10	UG/L	U
		CHLOROFORM	25-JUL-91	5	5	UG/L	U
		CHLOROMETHANE	25-JUL-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	25-JUL-91	5	5	UG/L	U
		ETHYLBENZENE	25-JUL-91	5	5	UG/L	U
		METHYLENE CHLORIDE	25-JUL-91	5	5	UG/L	U
		STYRENE	25-JUL-91	5	5	UG/L	U
		TETRACHLOROETHENE	25-JUL-91	5	5	UG/L	U
		TOLUENE	25-JUL-91	5	5	UG/L	U
		TOTAL XYLENES	25-JUL-91	5	5	UG/L	U
		TRICHLOROETHENE	25-JUL-91	5	5	UG/L	U
		VINYL ACETATE	25-JUL-91	10	10	UG/L	U
		VINYL CHLORIDE	25-JUL-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	25-JUL-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	25-JUL-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	26-MAR-91	5	5	UG/L	U
		2-BUTANONE	26-MAR-91	10	10	UG/L	U
		2-HEXANONE	26-MAR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	26-MAR-91	10	10	UG/L	U
		ACETONE	26-MAR-91	10	10	UG/L	U
		BENZENE	26-MAR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	26-MAR-91	5	5	UG/L	U
		BROMOFORM	26-MAR-91	5	5	UG/L	U
		BROMOMETHANE	26-MAR-91	10	10	UG/L	U
		CARBON DISULFIDE	26-MAR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	26-MAR-91	5	5	UG/L	U
		CHLOROBENZENE	26-MAR-91	5	5	UG/L	U
		CHLOROETHANE	26-MAR-91	10	10	UG/L	U
		CHLOROFORM	26-MAR-91	5	5	UG/L	U
		CHLOROMETHANE	26-MAR-91	10	10	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		DIBROMOCHLOROMETHANE	26-MAR-91	5	5	UG/L	U
		ETHYLBENZENE	26-MAR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	26-MAR-91	5	5	UG/L	U
		STYRENE	26-MAR-91	5	5	UG/L	U
		TETRACHLOROETHENE	26-MAR-91	5	5	UG/L	U
		TOLUENE	26-MAR-91	5	5	UG/L	U
		TOTAL XYLENES	26-MAR-91	5	5	UG/L	U
		TRICHLOROETHENE	26-MAR-91	5	5	UG/L	U
		VINYL ACETATE	26-MAR-91	10	10	UG/L	U
		VINYL CHLORIDE	26-MAR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	26-MAR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	26-MAR-91	5	5	UG/L	U
P207989	WQHP	BICARBONATE AS CACO3	06-JUN-91	1.0	280	MG/L	
		CARBONATE AS CACO3	06-JUN-91	1.0	6	MG/L	
		CHLORIDE	06-JUN-91	0.2	220	MG/L	
		FLUORIDE	06-JUN-91	0.1	4.9	MG/L	
		NITRATE/NITRITE	06-JUN-91	0.02	3.5	MG/L	
		ORTHOPHOSPHATE	06-JUN-91	0.01	0.03	MG/L	
		SILICA, DISSOLVED	06-JUN-91	0.4	5.8	MG/L	
		SULFATE	06-JUN-91	2.0	180	MG/L	
		TOTAL DISSOLVED SOLIDS	06-JUN-91	10.0	1000	MG/L	
		TOTAL SUSPENDED SOLIDS	06-JUN-91	4.0	8	MG/L	
		BICARBONATE AS CACO3	09-OCT-91	1.0	300	MG/L	
		CARBONATE AS CACO3	09-OCT-91	1.0	1	MG/L	U
		CHLORIDE	09-OCT-91	0.2	240	MG/L	
		FLUORIDE	09-OCT-91	0.1	4.6	MG/L	
		NITRATE/NITRITE	09-OCT-91	0.02	3.6	MG/L	
		SILICA, DISSOLVED	09-OCT-91	0.4	7.2	MG/L	
		SULFATE	09-OCT-91	2.0	610	MG/L	
		TOTAL DISSOLVED SOLIDS	09-OCT-91	10.0	1200	MG/L	
		TOTAL SUSPENDED SOLIDS	09-OCT-91	4.0	4	MG/L	U
		BICARBONATE AS CACO3	25-JUL-91	1.0	320	MG/L	
		CARBONATE AS CACO3	25-JUL-91	1.0	1	MG/L	U
		CHLORIDE	25-JUL-91	0.2	210	MG/L	
		FLUORIDE	25-JUL-91	0.1	4.6	MG/L	
		NITRATE/NITRITE	25-JUL-91	0.02	3.0	MG/L	
		SILICA, DISSOLVED	25-JUL-91	0.4	6.7	MG/L	
		SULFATE	25-JUL-91	2.0	410	MG/L	
		TOTAL DISSOLVED SOLIDS	25-JUL-91	10.0	1000	MG/L	
		TOTAL SUSPENDED SOLIDS	25-JUL-91	4.0	4	MG/L	
		NITRATE/NITRITE	26-MAR-91	0.02	3.0	MG/L	
		ORTHOPHOSPHATE	26-MAR-91	0.01	0.02	MG/L	
P208989	METALS	ALUMINUM	09-AUG-91	200	320.00	UG/L	*
		ALUMINUM	09-AUG-91	200	327.00	UG/L	
		ANTIMONY	09-AUG-91	60	341.00	UG/L	
		ANTIMONY	09-AUG-91	60	328.00	UG/L	
		ARSENIC	09-AUG-91	10	2.00	UG/L	U
		ARSENIC	09-AUG-91	10	2.00	UG/L	B
		BARIUM	09-AUG-91	200	736.00	UG/L	
		BARIUM	09-AUG-91	200	679.00	UG/L	
		BERYLLIUM	09-AUG-91	5	3.30	UG/L	B
		BERYLLIUM	09-AUG-91	5	3.00	UG/L	B
		CADMIUM	09-AUG-91	5	11.10	UG/L	
		CADMIUM	09-AUG-91	5	11.80	UG/L	
		CALCIUM	09-AUG-91	5000	1680000.0	UG/L	
		CALCIUM	09-AUG-91	5000	1720000.0	UG/L	
		CESIUM	09-AUG-91	1000	32.00	UG/L	U
		CESIUM	09-AUG-91	1000	32.00	UG/L	U
		CHROMIUM	09-AUG-91	10	67.90	UG/L	
		CHROMIUM	09-AUG-91	10	73.00	UG/L	
		COBALT	09-AUG-91	50	16.70	UG/L	B
		COBALT	09-AUG-91	50	24.00	UG/L	B
		COPPER	09-AUG-91	25	28.60	UG/L	
		COPPER	09-AUG-91	25	28.80	UG/L	
		CYANIDE	09-AUG-91	10	2.50	UG/L	B
		IRON	09-AUG-91	100	81.80	UG/L	B*
		IRON	09-AUG-91	100	91.90	UG/L	B
		LEAD	09-AUG-91	3	1.00	UG/L	U
		LEAD	09-AUG-91	3	1.00	UG/L	U
		LITHIUM	09-AUG-91	100	741.00	UG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		LITHIUM	09-AUG-91	100	664.00	UG/L	
		MAGNESIUM	09-AUG-91	5000	403000.00	UG/L	
		MAGNESIUM	09-AUG-91	5000	388000.00	UG/L	
		MANGANESE	09-AUG-91	15	13.00	UG/L	B*
		MANGANESE	09-AUG-91	15	13.50	UG/L	B
		MERCURY	09-AUG-91	0	0.20	UG/L	UN
		MERCURY	09-AUG-91	0	0.20	UG/L	U
		MOLYBDENUM	09-AUG-91	200	36.30	UG/L	B
		MOLYBDENUM	09-AUG-91	200	33.60	UG/L	B
		NICKEL	09-AUG-91	40	31.40	UG/L	B
		NICKEL	09-AUG-91	40	33.20	UG/L	B
		POTASSIUM	09-AUG-91	5000	8960.00	UG/L	
		POTASSIUM	09-AUG-91	5000	8690.00	UG/L	
		SELENIUM	09-AUG-91	5	30.00	UG/L	B
		SELENIUM	09-AUG-91	5	50.00	UG/L	
		SILVER	09-AUG-91	10	2.00	UG/L	U
		SILVER	09-AUG-91	10	2.00	UG/L	U
		SODIUM	09-AUG-91	5000	543000.00	UG/L	
		SODIUM	09-AUG-91	5000	502000.00	UG/L	
		STRONTIUM	09-AUG-91	200	13100.00	UG/L	
		STRONTIUM	09-AUG-91	200	12300.00	UG/L	
		THALLIUM	09-AUG-91	10	2.00	UG/L	UW
		THALLIUM	09-AUG-91	10	2.00	UG/L	UWN
		TIN	09-AUG-91	200	317.00	UG/L	
		TIN	09-AUG-91	200	322.00	UG/L	
		VANADIUM	09-AUG-91	50	2.00	UG/L	U
		VANADIUM	09-AUG-91	50	2.00	UG/L	B
		ZINC	09-AUG-91	20	25.40	UG/L	
		ZINC	09-AUG-91	20	33.70	UG/L	
		ALUMINUM	10-OCT-91	200	326.00	UG/L	
		ALUMINUM	10-OCT-91	200	413.00	UG/L	*
		ANTIMONY	10-OCT-91	60	131.00	UG/L	
		ANTIMONY	10-OCT-91	60	166.00	UG/L	N
		ARSENIC	10-OCT-91	10	2.00	UG/L	U
		ARSENIC	10-OCT-91	10	2.00	UG/L	UN
		BARIUM	10-OCT-91	200	629.00	UG/L	
		BARIUM	10-OCT-91	200	610.00	UG/L	*
		BERYLLIUM	10-OCT-91	5	2.50	UG/L	B
		BERYLLIUM	10-OCT-91	5	2.50	UG/L	B
		CADMIUM	10-OCT-91	5	22.60	UG/L	
		CADMIUM	10-OCT-91	5	26.00	UG/L	
		CALCIUM	10-OCT-91	5000	1560000.0	UG/L	
		CALCIUM	10-OCT-91	5000	1480000.0	UG/L	*
		CESIUM	10-OCT-91	1000	51.00	UG/L	U
		CESIUM	10-OCT-91	1000	51.00	UG/L	U
		CHROMIUM	10-OCT-91	10	64.30	UG/L	
		CHROMIUM	10-OCT-91	10	66.00	UG/L	N*
		COBALT	10-OCT-91	50	17.10	UG/L	B
		COBALT	10-OCT-91	50	21.60	UG/L	B
		COPPER	10-OCT-91	25	26.70	UG/L	
		COPPER	10-OCT-91	25	34.40	UG/L	*
		CYANIDE	10-OCT-91	10	2.00	UG/L	U
		IRON	10-OCT-91	100	71.30	UG/L	B
		IRON	10-OCT-91	100	307.00	UG/L	*
		LEAD	10-OCT-91	3	1.00	UG/L	UW
		LEAD	10-OCT-91	3	1.00	UG/L	UWN*
		LITHIUM	10-OCT-91	100	609.00	UG/L	
		LITHIUM	10-OCT-91	100	582.00	UG/L	
		MAGNESIUM	10-OCT-91	5000	368000.00	UG/L	
		MAGNESIUM	10-OCT-91	5000	366000.00	UG/L	*
		MANGANESE	10-OCT-91	15	22.50	UG/L	
		MANGANESE	10-OCT-91	15	26.40	UG/L	N*
		MERCURY	10-OCT-91	0	0.20	UG/L	U
		MERCURY	10-OCT-91	0	0.20	UG/L	UN
		MOLYBDENUM	10-OCT-91	200	22.00	UG/L	B
		MOLYBDENUM	10-OCT-91	200	29.30	UG/L	B
		NICKEL	10-OCT-91	40	28.10	UG/L	B
		NICKEL	10-OCT-91	40	36.10	UG/L	B*
		POTASSIUM	10-OCT-91	5000	8670.00	UG/L	
		POTASSIUM	10-OCT-91	5000	8140.00	UG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		SELENIUM	10-OCT-91	5	30.00	UG/L	B
		SELENIUM	10-OCT-91	5	30.00	UG/L	BW
		SILVER	10-OCT-91	10	2.00	UG/L	U
		SILVER	10-OCT-91	10	5.00	UG/L	B
		SODIUM	10-OCT-91	5000	498000.00	UG/L	
		SODIUM	10-OCT-91	5000	520000.00	UG/L	
		STRONTIUM	10-OCT-91	200	12400.00	UG/L	
		STRONTIUM	10-OCT-91	200	12400.00	UG/L	
		THALLIUM	10-OCT-91	10	1.00	UG/L	U
		THALLIUM	10-OCT-91	10	1.00	UG/L	U
		TIN	10-OCT-91	200	63.30	UG/L	B
		TIN	10-OCT-91	200	44.80	UG/L	B
		VANADIUM	10-OCT-91	50	32.40	UG/L	B
		VANADIUM	10-OCT-91	50	36.60	UG/L	BW*
		ZINC	10-OCT-91	20	25.20	UG/L	
		ZINC	10-OCT-91	20	37.10	UG/L	*
		ALUMINUM	26-MAR-91	200	381.00	UG/L	
		ANTIMONY	26-MAR-91	60	102.00	UG/L	
		ARSENIC	26-MAR-91	10	2.00	UG/L	B
		BARIUM	26-MAR-91	200	711.00	UG/L	
		BERYLLIUM	26-MAR-91	5	2.90	UG/L	B
		CADMIUM	26-MAR-91	5	10.90	UG/L	
		CALCIUM	26-MAR-91	5000	1660000.0	UG/L	
		CESIUM	26-MAR-91	1000	112.00	UG/L	U
		CHROMIUM	26-MAR-91	10	43.10	UG/L	
		COBALT	26-MAR-91	50	23.70	UG/L	B
		COPPER	26-MAR-91	25	14.70	UG/L	B
		CYANIDE	26-MAR-91	10	3.50	UG/L	U
		IRON	26-MAR-91	100	91.20	UG/L	B
		LEAD	26-MAR-91	3	1.00	UG/L	U
		LITHIUM	26-MAR-91	100	623.00	UG/L	
		MAGNESIUM	26-MAR-91	5000	399000.00	UG/L	
		MANGANESE	26-MAR-91	15	13.60	UG/L	B
		MERCURY	26-MAR-91	0	0.27	UG/L	
		MOLYBDENUM	26-MAR-91	200	19.10	UG/L	B
		NICKEL	26-MAR-91	40	39.50	UG/L	B
		POTASSIUM	26-MAR-91	5000	9070.00	UG/L	
		SELENIUM	26-MAR-91	5	40.00	UG/L	B
		SILVER	26-MAR-91	10	20.90	UG/L	
		SODIUM	26-MAR-91	5000	502000.00	UG/L	
		STRONTIUM	26-MAR-91	200	13300.00	UG/L	
		THALLIUM	26-MAR-91	10	3.00	UG/L	UW
		TIN	26-MAR-91	200	122.00	UG/L	B
		VANADIUM	26-MAR-91	50	30.00	UG/L	B
		ZINC	26-MAR-91	20	35.40	UG/L	
		ALUMINUM	31-MAY-91	200	306.00	UG/L	
		ANTIMONY	31-MAY-91	60	221.00	UG/L	
		ARSENIC	31-MAY-91	10	2.00	UG/L	UW
		BARIUM	31-MAY-91	200	799.00	UG/L	
		BERYLLIUM	31-MAY-91	5	3.00	UG/L	B
		CADMIUM	31-MAY-91	5	2.10	UG/L	B
		CALCIUM	31-MAY-91	5000	1910000.0	UG/L	
		CESIUM	31-MAY-91	1000	112.00	UG/L	U
		CHROMIUM	31-MAY-91	10	37.40	UG/L	
		COBALT	31-MAY-91	50	10.60	UG/L	B
		COPPER	31-MAY-91	25	15.90	UG/L	B
		CYANIDE	31-MAY-91	10	2.50	UG/L	U
		IRON	31-MAY-91	100	69.20	UG/L	B
		LEAD	31-MAY-91	3	1.00	UG/L	U
		LITHIUM	31-MAY-91	100	773.00	UG/L	
		MAGNESIUM	31-MAY-91	5000	440000.00	UG/L	
		MANGANESE	31-MAY-91	15	15.00	UG/L	B
		MERCURY	31-MAY-91	0	0.20	UG/L	U
		MOLYBDENUM	31-MAY-91	200	9.00	UG/L	B
		NICKEL	31-MAY-91	40	10.30	UG/L	B
		POTASSIUM	31-MAY-91	5000	9460.00	UG/L	
		SELENIUM	31-MAY-91	5	41.90	UG/L	+
		SILVER	31-MAY-91	10	2.00	UG/L	U
		SODIUM	31-MAY-91	5000	574000.00	UG/L	
		STRONTIUM	31-MAY-91	200	15100.00	UG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		THALLIUM	31-MAY-91	10	1.00	UG/L	U
		TIN	31-MAY-91	200	54.20	UG/L	B
		VANADIUM	31-MAY-91	50	2.00	UG/L	U
		ZINC	31-MAY-91	20	17.00	UG/L	B
P208989	RADS	AMERICIUM-241	09-AUG-91	.01	.006826	PCI/L	J
		CESIUM-137	09-AUG-91	1	-.0308	PCI/L	J
		GROSS ALPHA - DISSOLVED	09-AUG-91	2	101.8	PCI/L	
		GROSS BETA - DISSOLVED	09-AUG-91	4	5.291	PCI/L	
		PLUTONIUM-239/240	09-AUG-91	.01	.001298	PCI/L	J
		RADIUM-226	09-AUG-91	.5	3.705	PCI/L	
		RADIUM-228	09-AUG-91	1	7.828	PCI/L	
		STRONTIUM-89,90	09-AUG-91	1	5.142	PCI/L	
		TRITIUM	09-AUG-91	400	2277	PCI/L	
		URANIUM-233,-234	09-AUG-91	.6	68.63	PCI/L	
		URANIUM-235	09-AUG-91	.6	1.553	PCI/L	
		URANIUM-238	09-AUG-91	.6	42.59	PCI/L	
		AMERICIUM-241	26-MAR-91	.01	.006544	PCI/L	J
		CESIUM-137	26-MAR-91	1	-.538	PCI/L	J
		GROSS ALPHA - DISSOLVED	26-MAR-91	2	51.99	PCI/L	
		GROSS BETA - DISSOLVED	26-MAR-91	4	53.41	PCI/L	
		PLUTONIUM-239/240	26-MAR-91	.01	.005596	PCI/L	J
		RADIUM-226	26-MAR-91	.5	4.83	PCI/L	
		RADIUM-228	26-MAR-91	1	7.749	PCI/L	
		STRONTIUM-89,90	26-MAR-91	1	1.65	PCI/L	
		TRITIUM	26-MAR-91	400	2284	PCI/L	
		URANIUM-233,-234	26-MAR-91	.6	64.42	PCI/L	
		URANIUM-235	26-MAR-91	.6	1.613	PCI/L	
		URANIUM-238	26-MAR-91	.6	39.86	PCI/L	
P208989	VOA	1,1,1-TRICHLOROETHANE	09-AUG-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	09-AUG-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	09-AUG-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	09-AUG-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	09-AUG-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	09-AUG-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	09-AUG-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	09-AUG-91	5	5	UG/L	U
		2-BUTANONE	09-AUG-91	10	10	UG/L	U
		2-HEXANONE	09-AUG-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	09-AUG-91	10	10	UG/L	U
		ACETONE	09-AUG-91	10	7	UG/L	J
		BENZENE	09-AUG-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	09-AUG-91	5	5	UG/L	U
		BROMOFORM	09-AUG-91	5	5	UG/L	U
		BROMOMETHANE	09-AUG-91	10	10	UG/L	U
		CARBON DISULFIDE	09-AUG-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	09-AUG-91	5	5	UG/L	U
		CHLOROBENZENE	09-AUG-91	5	5	UG/L	U
		CHLOROETHANE	09-AUG-91	10	10	UG/L	U
		CHLOROFORM	09-AUG-91	5	5	UG/L	U
		CHLOROMETHANE	09-AUG-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	09-AUG-91	5	5	UG/L	U
		ETHYLBENZENE	09-AUG-91	5	5	UG/L	U
		METHYLENE CHLORIDE	09-AUG-91	5	5	UG/L	U
		STYRENE	09-AUG-91	5	5	UG/L	U
		TETRACHLOROETHENE	09-AUG-91	5	1	UG/L	J
		TOLUENE	09-AUG-91	5	5	UG/L	U
		TOTAL XYLENES	09-AUG-91	5	5	UG/L	U
		TRICHLOROETHENE	09-AUG-91	5	5	UG/L	U
		VINYL ACETATE	09-AUG-91	10	10	UG/L	U
		VINYL CHLORIDE	09-AUG-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	09-AUG-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	09-AUG-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	10-OCT-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	10-OCT-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	10-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	10-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	10-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	10-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	10-OCT-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	10-OCT-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		2-BUTANONE	10-OCT-91	10	10	UG/L	U
		2-HEXANONE	10-OCT-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	10-OCT-91	10	10	UG/L	U
		ACETONE	10-OCT-91	10	10	UG/L	U
		BENZENE	10-OCT-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	10-OCT-91	5	5	UG/L	U
		BROMOFORM	10-OCT-91	5	5	UG/L	U
		BROMOMETHANE	10-OCT-91	10	10	UG/L	U
		CARBON DISULFIDE	10-OCT-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	10-OCT-91	5	5	UG/L	U
		CHLOROBENZENE	10-OCT-91	5	5	UG/L	U
		CHLOROETHANE	10-OCT-91	10	10	UG/L	U
		CHLOROFORM	10-OCT-91	5	5	UG/L	U
		CHLOROMETHANE	10-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	10-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	10-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	10-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	10-OCT-91	5	5	UG/L	U
		STYRENE	10-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	10-OCT-91	5	1	UG/L	J
		TOLUENE	10-OCT-91	5	5	UG/L	U
		TOTAL XYLENES	10-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	10-OCT-91	5	5	UG/L	U
		VINYL ACETATE	10-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	10-OCT-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	10-OCT-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	10-OCT-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	26-MAR-91	5	5	UG/L	U
		2-BUTANONE	26-MAR-91	10	10	UG/L	U
		2-HEXANONE	26-MAR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	26-MAR-91	10	10	UG/L	U
		ACETONE	26-MAR-91	10	11	UG/L	
		BENZENE	26-MAR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	26-MAR-91	5	5	UG/L	U
		BROMOFORM	26-MAR-91	5	5	UG/L	U
		BROMOMETHANE	26-MAR-91	10	10	UG/L	U
		CARBON DISULFIDE	26-MAR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	26-MAR-91	5	5	UG/L	U
		CHLOROBENZENE	26-MAR-91	5	5	UG/L	U
		CHLOROETHANE	26-MAR-91	10	10	UG/L	U
		CHLOROFORM	26-MAR-91	5	5	UG/L	U
		CHLOROMETHANE	26-MAR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	26-MAR-91	5	5	UG/L	U
		ETHYLBENZENE	26-MAR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	26-MAR-91	5	5	UG/L	U
		STYRENE	26-MAR-91	5	5	UG/L	U
		TETRACHLOROETHENE	26-MAR-91	5	5	UG/L	U
		TOLUENE	26-MAR-91	5	5	UG/L	U
		TOTAL XYLENES	26-MAR-91	5	5	UG/L	U
		TRICHLOROETHENE	26-MAR-91	5	5	UG/L	U
		VINYL ACETATE	26-MAR-91	10	10	UG/L	U
		VINYL CHLORIDE	26-MAR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	26-MAR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	26-MAR-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	31-MAY-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	31-MAY-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	31-MAY-91	5	5	UG/L	U
		2-BUTANONE	31-MAY-91	10	10	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		2-HEXANONE	31-MAY-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	31-MAY-91	10	10	UG/L	U
		ACETONE	31-MAY-91	10	10	UG/L	U
		BENZENE	31-MAY-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	31-MAY-91	5	5	UG/L	U
		BROMOFORM	31-MAY-91	5	5	UG/L	U
		BROMOMETHANE	31-MAY-91	10	10	UG/L	U
		CARBON DISULFIDE	31-MAY-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	31-MAY-91	5	5	UG/L	U
		CHLOROBENZENE	31-MAY-91	5	5	UG/L	U
		CHLOROETHANE	31-MAY-91	10	10	UG/L	U
		CHLOROFORM	31-MAY-91	5	5	UG/L	U
		CHLOROMETHANE	31-MAY-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	31-MAY-91	5	5	UG/L	U
		ETHYLBENZENE	31-MAY-91	5	5	UG/L	U
		METHYLENE CHLORIDE	31-MAY-91	5	7	UG/L	
		STYRENE	31-MAY-91	5	5	UG/L	U
		TETRACHLOROETHENE	31-MAY-91	5	2	UG/L	J
		TOLUENE	31-MAY-91	5	5	UG/L	U
		TOTAL XYLENES	31-MAY-91	5	5	UG/L	U
		TRICHLOROETHENE	31-MAY-91	5	5	UG/L	U
		VINYL ACETATE	31-MAY-91	10	10	UG/L	U
		VINYL CHLORIDE	31-MAY-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	31-MAY-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	31-MAY-91	5	5	UG/L	U
P208989	WQHP	BICARBONATE AS CACO3	09-AUG-91	1.0	63	MG/L	
		CARBONATE AS CACO3	09-AUG-91	1.0	1	MG/L	U
		CHLORIDE	09-AUG-91	0.2	220	MG/L	
		FLUORIDE	09-AUG-91	0.1	0.7	MG/L	
		NITRATE/NITRITE	09-AUG-91	0.02	1600	MG/L	
		ORTHOPHOSPHATE	09-AUG-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	09-AUG-91	0.4	8.7	MG/L	
		SULFATE	09-AUG-91	2.0	180	MG/L	
		TOTAL DISSOLVED SOLIDS	09-AUG-91	10.0	11000	MG/L	
		TOTAL SUSPENDED SOLIDS	09-AUG-91	4.0	30	MG/L	
		BICARBONATE AS CACO3	10-OCT-91	1.0	260	MG/L	
		CARBONATE AS CACO3	10-OCT-91	1.0	1	MG/L	U
		CHLORIDE	10-OCT-91	0.2	210	MG/L	
		FLUORIDE	10-OCT-91	0.1	0.7	MG/L	
		NITRATE/NITRITE	10-OCT-91	0.02	79	MG/L	
		ORTHOPHOSPHATE	10-OCT-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	10-OCT-91	0.4	9.4	MG/L	
		SULFATE	10-OCT-91	2.0	230	MG/L	
		TOTAL DISSOLVED SOLIDS	10-OCT-91	10.0	10000	MG/L	
		TOTAL SUSPENDED SOLIDS	10-OCT-91	4.0	30	MG/L	
		BICARBONATE AS CACO3	26-MAR-91	1.0	260	MG/L	
		CARBONATE AS CACO3	26-MAR-91	1.0	0	MG/L	
		CHLORIDE	26-MAR-91	0.2	220	MG/L	
		FLUORIDE	26-MAR-91	0.1	0.8	MG/L	
		NITRATE/NITRITE	26-MAR-91	0.02	1400	MG/L	
		ORTHOPHOSPHATE	26-MAR-91	0.01	0.01	MG/L	
		SILICA, DISSOLVED	26-MAR-91	0.4	7.9	MG/L	
		SULFATE	26-MAR-91	2.0	130	MG/L	
		TOTAL DISSOLVED SOLIDS	26-MAR-91	10.0	10000	MG/L	
		TOTAL SUSPENDED SOLIDS	26-MAR-91	4.0	22	MG/L	
		BICARBONATE AS CACO3	31-MAY-91	1.0	250	MG/L	
		CARBONATE AS CACO3	31-MAY-91	1.0	1	MG/L	U
		CHLORIDE	31-MAY-91	0.2	240	MG/L	
		FLUORIDE	31-MAY-91	0.1	0.7	MG/L	
		NITRATE/NITRITE	31-MAY-91	0.02	1900	MG/L	
		ORTHOPHOSPHATE	31-MAY-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	31-MAY-91	0.4	8.4	MG/L	
		SULFATE	31-MAY-91	2.0	170	MG/L	
		TOTAL DISSOLVED SOLIDS	31-MAY-91	10.0	13000	MG/L	
		TOTAL SUSPENDED SOLIDS	31-MAY-91	4.0	24	MG/L	
P209089	RADS	TRITIUM	02-AUG-91	400	-49.4	PCI/L	J
		GROSS ALPHA - DISSOLVED	26-MAR-91	2	4.721	PCI/L	
		GROSS BETA - DISSOLVED	26-MAR-91	4	7.243	PCI/L	
		TRITIUM	26-MAR-91	400	-30.9	PCI/L	J
		URANIUM-233,-234	26-MAR-91	.6	27.06	PCI/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		URANIUM-235	26-MAR-91	.6	.6165	PCI/L	
		URANIUM-238	26-MAR-91	.6	17.57	PCI/L	
P209089	VOA	1,1,1-TRICHLOROETHANE	02-AUG-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	02-AUG-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	02-AUG-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	02-AUG-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	02-AUG-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	02-AUG-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	02-AUG-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	02-AUG-91	5	5	UG/L	U
		2-BUTANONE	02-AUG-91	10	10	UG/L	U
		2-HEXANONE	02-AUG-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	02-AUG-91	10	10	UG/L	U
		ACETONE	02-AUG-91	10	10	UG/L	U
		BENZENE	02-AUG-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	02-AUG-91	5	5	UG/L	U
		BROMOFORM	02-AUG-91	5	5	UG/L	U
		BROMOMETHANE	02-AUG-91	10	10	UG/L	U
		CARBON DISULFIDE	02-AUG-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	02-AUG-91	5	5	UG/L	U
		CHLOROBENZENE	02-AUG-91	5	5	UG/L	U
		CHLOROETHANE	02-AUG-91	10	10	UG/L	U
		CHLOROFORM	02-AUG-91	5	5	UG/L	U
		CHLOROMETHANE	02-AUG-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	02-AUG-91	5	5	UG/L	U
		ETHYLBENZENE	02-AUG-91	5	5	UG/L	U
		METHYLENE CHLORIDE	02-AUG-91	5	5	UG/L	U
		STYRENE	02-AUG-91	5	5	UG/L	U
		TETRACHLOROETHENE	02-AUG-91	5	5	UG/L	U
		TOLUENE	02-AUG-91	5	5	UG/L	U
		TOTAL XYLENES	02-AUG-91	5	5	UG/L	U
		TRICHLOROETHENE	02-AUG-91	5	5	UG/L	U
		VINYL ACETATE	02-AUG-91	10	10	UG/L	U
		VINYL CHLORIDE	02-AUG-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	02-AUG-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	02-AUG-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	13-JUN-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	13-JUN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	13-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	13-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	13-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	13-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	13-JUN-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	13-JUN-91	5	5	UG/L	U
		2-BUTANONE	13-JUN-91	10	10	UG/L	U
		2-HEXANONE	13-JUN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	13-JUN-91	10	10	UG/L	U
		ACETONE	13-JUN-91	10	10	UG/L	U
		BENZENE	13-JUN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	13-JUN-91	5	5	UG/L	U
		BROMOFORM	13-JUN-91	5	5	UG/L	U
		BROMOMETHANE	13-JUN-91	10	10	UG/L	U
		CARBON DISULFIDE	13-JUN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	13-JUN-91	5	5	UG/L	U
		CHLOROBENZENE	13-JUN-91	5	5	UG/L	U
		CHLOROETHANE	13-JUN-91	10	10	UG/L	U
		CHLOROFORM	13-JUN-91	5	5	UG/L	U
		CHLOROMETHANE	13-JUN-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	13-JUN-91	5	5	UG/L	U
		ETHYLBENZENE	13-JUN-91	5	5	UG/L	U
		METHYLENE CHLORIDE	13-JUN-91	5	5	UG/L	U
		STYRENE	13-JUN-91	5	5	UG/L	U
		TETRACHLOROETHENE	13-JUN-91	5	5	UG/L	U
		TOLUENE	13-JUN-91	5	5	UG/L	U
		TOTAL XYLENES	13-JUN-91	5	5	UG/L	U
		TRICHLOROETHENE	13-JUN-91	5	5	UG/L	U
		VINYL ACETATE	13-JUN-91	10	10	UG/L	U
		VINYL CHLORIDE	13-JUN-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	13-JUN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	13-JUN-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		1,1,1-TRICHLOROETHANE	26-MAR-91	5	1	UG/L	J
		1,1,2,2-TETRACHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	26-MAR-91	5	5	UG/L	U
		2-BUTANONE	26-MAR-91	10	10	UG/L	U
		2-HEXANONE	26-MAR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	26-MAR-91	10	10	UG/L	U
		ACETONE	26-MAR-91	10	13	UG/L	
		BENZENE	26-MAR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	26-MAR-91	5	5	UG/L	U
		BROMOFORM	26-MAR-91	5	5	UG/L	U
		BROMOMETHANE	26-MAR-91	10	10	UG/L	U
		CARBON DISULFIDE	26-MAR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	26-MAR-91	5	5	UG/L	U
		CHLOROBENZENE	26-MAR-91	5	5	UG/L	U
		CHLOROETHANE	26-MAR-91	10	10	UG/L	U
		CHLOROFORM	26-MAR-91	5	5	UG/L	
		CHLOROMETHANE	26-MAR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	26-MAR-91	5	5	UG/L	U
		ETHYLBENZENE	26-MAR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	26-MAR-91	5	1	UG/L	J
		STYRENE	26-MAR-91	5	5	UG/L	U
		TETRACHLOROETHENE	26-MAR-91	5	5	UG/L	U
		TOLUENE	26-MAR-91	5	5	UG/L	U
		TOTAL XYLENES	26-MAR-91	5	5	UG/L	U
		TRICHLOROETHENE	26-MAR-91	5	5	UG/L	U
		VINYL ACETATE	26-MAR-91	10	10	UG/L	U
		VINYL CHLORIDE	26-MAR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	26-MAR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	26-MAR-91	5	5	UG/L	U
P209089	WQHP	NITRATE/NITRITE	02-AUG-91	0.02	3.8	MG/L	
		ORTHOPHOSPHATE	02-AUG-91	0.01	0.02	MG/L	
		BICARBONATE AS CACO3	13-JUN-91	1.0	310	MG/L	
		CARBONATE AS CACO3	13-JUN-91	1.0	1	MG/L	U
		CHLORIDE	13-JUN-91	0.2	16	MG/L	
		FLUORIDE	13-JUN-91	0.1	2.6	MG/L	
		SILICA, DISSOLVED	13-JUN-91	0.4	7.0	MG/L	
		SULFATE	13-JUN-91	2.0	170	MG/L	
		TOTAL DISSOLVED SOLIDS	13-JUN-91	10.0	530	MG/L	
		TOTAL SUSPENDED SOLIDS	13-JUN-91	4.0	27	MG/L	
		BICARBONATE AS CACO3	26-MAR-91	1.0	340	MG/L	
		CARBONATE AS CACO3	26-MAR-91	1.0	0	MG/L	
		CHLORIDE	26-MAR-91	0.2	15	MG/L	
		FLUORIDE	26-MAR-91	0.1	3.5	MG/L	
		NITRATE/NITRITE	26-MAR-91	0.02	5.1	MG/L	
		SILICA, DISSOLVED	26-MAR-91	0.4	7.6	MG/L	
		SULFATE	26-MAR-91	2.0	100	MG/L	
		TOTAL DISSOLVED SOLIDS	26-MAR-91	10.0	550	MG/L	
		TOTAL SUSPENDED SOLIDS	26-MAR-91	4.0	11	MG/L	
P209189	METALS	ALUMINUM	06-JUN-91	200	11.10	UG/L	B
		ANTIMONY	06-JUN-91	60	6.00	UG/L	U
		ARSENIC	06-JUN-91	10	2.00	UG/L	U
		BARIUM	06-JUN-91	200	75.80	UG/L	B
		BERYLLIUM	06-JUN-91	5	1.00	UG/L	U
		CADMIUM	06-JUN-91	5	2.00	UG/L	U
		CALCIUM	06-JUN-91	5000	64600.00	UG/L	
		CESIUM	06-JUN-91	1000	130.00	UG/L	B
		CHROMIUM	06-JUN-91	10	3.00	UG/L	U
		COBALT	06-JUN-91	50	3.00	UG/L	U
		COPPER	06-JUN-91	25	11.00	UG/L	U
		CYANIDE	06-JUN-91	10	2.50	UG/L	U
		IRON	06-JUN-91	100	288.00	UG/L	
		LEAD	06-JUN-91	3	1.00	UG/L	U
		LITHIUM	06-JUN-91	100	124.00	UG/L	
		MAGNESIUM	06-JUN-91	5000	8970.00	UG/L	
		MANGANESE	06-JUN-91	15	451.00	UG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		MERCURY	06-JUN-91	0	0.20	UG/L	U
		MOLYBDENUM	06-JUN-91	200	2.00	UG/L	U
		NICKEL	06-JUN-91	40	10.20	UG/L	B
		POTASSIUM	06-JUN-91	5000	13900.00	UG/L	E
		SELENIUM	06-JUN-91	5	2.00	UG/L	U
		SILVER	06-JUN-91	10	2.00	UG/L	U
		SODIUM	06-JUN-91	5000	56000.00	UG/L	
		STRONTIUM	06-JUN-91	200	240.00	UG/L	
		THALLIUM	06-JUN-91	10	1.00	UG/L	BN
		TIN	06-JUN-91	200	10.00	UG/L	U
		VANADIUM	06-JUN-91	50	2.00	UG/L	U
		ZINC	06-JUN-91	20	11.40	UG/L	B
		ALUMINUM	10-OCT-91	200	41.10	UG/L	B
		ALUMINUM	10-OCT-91	200	1880.00	UG/L	*
		ANTIMONY	10-OCT-91	60	28.50	UG/L	B
		ANTIMONY	10-OCT-91	60	41.90	UG/L	BN
		ARSENIC	10-OCT-91	10	2.00	UG/L	U
		ARSENIC	10-OCT-91	10	3.00	UG/L	BN
		BARIUM	10-OCT-91	200	127.00	UG/L	B
		BARIUM	10-OCT-91	200	139.00	UG/L	B*
		BERYLLIUM	10-OCT-91	5	1.00	UG/L	U
		BERYLLIUM	10-OCT-91	5	1.00	UG/L	U
		CADMIUM	10-OCT-91	5	2.00	UG/L	U
		CADMIUM	10-OCT-91	5	2.00	UG/L	B
		CALCIUM	10-OCT-91	5000	70500.00	UG/L	
		CALCIUM	10-OCT-91	5000	71000.00	UG/L	*
		CESIUM	10-OCT-91	1000	51.00	UG/L	U
		CESIUM	10-OCT-91	1000	51.00	UG/L	U
		CHROMIUM	10-OCT-91	10	7.60	UG/L	B
		CHROMIUM	10-OCT-91	10	9.40	UG/L	BN*
		COBALT	10-OCT-91	50	3.00	UG/L	U
		COBALT	10-OCT-91	50	5.20	UG/L	B
		COPPER	10-OCT-91	25	3.00	UG/L	U
		COPPER	10-OCT-91	25	12.40	UG/L	B*
		CYANIDE	10-OCT-91	10	2.00	UG/L	U
		IRON	10-OCT-91	100	11.20	UG/L	B
		IRON	10-OCT-91	100	4370.00	UG/L	*
		LEAD	10-OCT-91	3	1.00	UG/L	U
		LEAD	10-OCT-91	3	1.90	UG/L	BN*
		LITHIUM	10-OCT-91	100	110.00	UG/L	
		LITHIUM	10-OCT-91	100	112.00	UG/L	
		MAGNESIUM	10-OCT-91	5000	10100.00	UG/L	
		MAGNESIUM	10-OCT-91	5000	10500.00	UG/L	*
		MANGANESE	10-OCT-91	15	135.00	UG/L	
		MANGANESE	10-OCT-91	15	246.00	UG/L	N*
		MERCURY	10-OCT-91	0	0.20	UG/L	U
		MERCURY	10-OCT-91	0	0.20	UG/L	UN
		MOLYBDENUM	10-OCT-91	200	3.00	UG/L	U
		MOLYBDENUM	10-OCT-91	200	6.00	UG/L	B
		NICKEL	10-OCT-91	40	21.90	UG/L	B
		NICKEL	10-OCT-91	40	28.20	UG/L	B*
		POTASSIUM	10-OCT-91	5000	24800.00	UG/L	
		POTASSIUM	10-OCT-91	5000	24400.00	UG/L	
		SELENIUM	10-OCT-91	5	2.00	UG/L	U
		SELENIUM	10-OCT-91	5	2.00	UG/L	U
		SILVER	10-OCT-91	10	2.00	UG/L	U
		SILVER	10-OCT-91	10	2.80	UG/L	B
		SODIUM	10-OCT-91	5000	65800.00	UG/L	
		SODIUM	10-OCT-91	5000	66500.00	UG/L	
		STRONTIUM	10-OCT-91	200	285.00	UG/L	
		STRONTIUM	10-OCT-91	200	294.00	UG/L	
		THALLIUM	10-OCT-91	10	1.00	UG/L	U
		THALLIUM	10-OCT-91	10	1.00	UG/L	U
		TIN	10-OCT-91	200	21.40	UG/L	B
		TIN	10-OCT-91	200	18.10	UG/L	B
		VANADIUM	10-OCT-91	50	3.50	UG/L	B
		VANADIUM	10-OCT-91	50	13.20	UG/L	BN*
		ZINC	10-OCT-91	20	9.60	UG/L	B
		ZINC	10-OCT-91	20	38.50	UG/L	*
		ALUMINUM	22-MAR-91	200	52.20	UG/L	B

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		ANTIMONY	22-MAR-91	60	8.00	UG/L	U
		ARSENIC	22-MAR-91	10	2.00	UG/L	UW
		BARIUM	22-MAR-91	200	176.00	UG/L	B
		BERYLLIUM	22-MAR-91	5	1.00	UG/L	U
		CADMIUM	22-MAR-91	5	2.00	UG/L	U
		CALCIUM	22-MAR-91	5000	98200.00	UG/L	
		CESIUM	22-MAR-91	1000	112.00	UG/L	U
		CHROMIUM	22-MAR-91	10	5.00	UG/L	U
		COBALT	22-MAR-91	50	3.00	UG/L	U
		COPPER	22-MAR-91	25	2.00	UG/L	U
		CYANIDE	22-MAR-91	10	3.50	UG/L	U
		IRON	22-MAR-91	100	11.50	UG/L	B
		LEAD	22-MAR-91	3	1.00	UG/L	UW
		LITHIUM	22-MAR-91	100	81.90	UG/L	B
		MAGNESIUM	22-MAR-91	5000	15600.00	UG/L	
		MANGANESE	22-MAR-91	15	18.30	UG/L	
		MERCURY	22-MAR-91	0	0.20	UG/L	U
		MOLYBDENUM	22-MAR-91	200	3.00	UG/L	U
		NICKEL	22-MAR-91	40	16.00	UG/L	B
		POTASSIUM	22-MAR-91	5000	15300.00	UG/L	
		SELENIUM	22-MAR-91	5	2.00	UG/L	U
		SILVER	22-MAR-91	10	3.00	UG/L	U
		SODIUM	22-MAR-91	5000	62000.00	UG/L	
		STRONTIUM	22-MAR-91	200	444.00	UG/L	
		THALLIUM	22-MAR-91	10	3.00	UG/L	U
		TIN	22-MAR-91	200	21.50	UG/L	B
		VANADIUM	22-MAR-91	50	3.90	UG/L	B
		ZINC	22-MAR-91	20	9.70	UG/L	B
		ALUMINUM	26-JUL-91	200	616.00	UG/L	*
		ALUMINUM	26-JUL-91	200	17.50	UG/L	B
		ANTIMONY	26-JUL-91	60	23.90	UG/L	B
		ANTIMONY	26-JUL-91	60	8.00	UG/L	UN
		ARSENIC	26-JUL-91	10	3.00	UG/L	B
		ARSENIC	26-JUL-91	10	5.00	UG/L	BN
		BARIUM	26-JUL-91	200	86.20	UG/L	B
		BARIUM	26-JUL-91	200	88.10	UG/L	B
		BERYLLIUM	26-JUL-91	5	1.00	UG/L	U
		BERYLLIUM	26-JUL-91	5	1.00	UG/L	U
		CADMIUM	26-JUL-91	5	1.00	UG/L	U
		CADMIUM	26-JUL-91	5	1.00	UG/L	U
		CALCIUM	26-JUL-91	5000	60500.00	UG/L	
		CALCIUM	26-JUL-91	5000	59000.00	UG/L	
		CESIUM	26-JUL-91	1000	130.00	UG/L	B
		CESIUM	26-JUL-91	1000	32.00	UG/L	U
		CHROMIUM	26-JUL-91	10	4.90	UG/L	B
		CHROMIUM	26-JUL-91	10	4.50	UG/L	B*
		COBALT	26-JUL-91	50	3.80	UG/L	B
		COBALT	26-JUL-91	50	5.50	UG/L	B
		COPPER	26-JUL-91	25	3.70	UG/L	B
		COPPER	26-JUL-91	25	5.00	UG/L	B
		CYANIDE	26-JUL-91	10	2.00	UG/L	U
		IRON	26-JUL-91	100	463.00	UG/L	
		IRON	26-JUL-91	100	1560.00	UG/L	*
		LEAD	26-JUL-91	3	1.00	UG/L	UN*
		LEAD	26-JUL-91	3	1.00	UG/L	U
		LITHIUM	26-JUL-91	100	135.00	UG/L	
		LITHIUM	26-JUL-91	100	134.00	UG/L	
		MAGNESIUM	26-JUL-91	5000	8310.00	UG/L	
		MAGNESIUM	26-JUL-91	5000	8250.00	UG/L	
		MANGANESE	26-JUL-91	15	597.00	UG/L	
		MANGANESE	26-JUL-91	15	554.00	UG/L	
		MERCURY	26-JUL-91	0	0.20	UG/L	U
		MERCURY	26-JUL-91	0	0.20	UG/L	U
		MOLYBDENUM	26-JUL-91	200	3.00	UG/L	U
		MOLYBDENUM	26-JUL-91	200	3.00	UG/L	U
		NICKEL	26-JUL-91	40	19.50	UG/L	B
		NICKEL	26-JUL-91	40	20.00	UG/L	B
		POTASSIUM	26-JUL-91	5000	19500.00	UG/L	
		POTASSIUM	26-JUL-91	5000	19300.00	UG/L	
		SELENIUM	26-JUL-91	5	2.00	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		SELENIUM	26-JUL-91	5	2.00	UG/L	UW
		SILVER	26-JUL-91	10	2.00	UG/L	U
		SILVER	26-JUL-91	10	2.00	UG/L	U
		SODIUM	26-JUL-91	5000	57100.00	UG/L	
		SODIUM	26-JUL-91	5000	56300.00	UG/L	
		STRONTIUM	26-JUL-91	200	208.00	UG/L	
		STRONTIUM	26-JUL-91	200	200.00	UG/L	
		THALLIUM	26-JUL-91	10	2.00	UG/L	UW
		THALLIUM	26-JUL-91	10	20.00	UG/L	UEN
		TIN	26-JUL-91	200	27.90	UG/L	B
		TIN	26-JUL-91	200	21.80	UG/L	B
		VANADIUM	26-JUL-91	50	2.00	UG/L	U
		VANADIUM	26-JUL-91	50	3.30	UG/L	B
		ZINC	26-JUL-91	20	15.60	UG/L	B
		ZINC	26-JUL-91	20	16.60	UG/L	B
P209189	RADS	AMERICIUM-241	22-MAR-91	.01	.05355	PCI/L	
		CESIUM-137	22-MAR-91	1	-.0511	PCI/L	J
		GROSS ALPHA - DISSOLVED	22-MAR-91	2	5.922	PCI/L	
		GROSS BETA - DISSOLVED	22-MAR-91	4	15.52	PCI/L	
		PLUTONIUM-239/240	22-MAR-91	.01	.2286	PCI/L	
		RADIUM-226	22-MAR-91	.5	.5004	PCI/L	
		STRONTIUM-89,90	22-MAR-91	1	.2831	PCI/L	J
		TRITIUM	22-MAR-91	400	782.2	PCI/L	
		URANIUM-233,-234	22-MAR-91	.6	3.623	PCI/L	
		URANIUM-235	22-MAR-91	.6	.1393	PCI/L	J
		URANIUM-238	22-MAR-91	.6	4.459	PCI/L	
		AMERICIUM-241	26-JUL-91	.01	.02963	PCI/L	
		CESIUM-137	26-JUL-91	1	-.0415	PCI/L	J
		GROSS ALPHA - DISSOLVED	26-JUL-91	2	3.567	PCI/L	
		GROSS BETA - DISSOLVED	26-JUL-91	4	14.21	PCI/L	
		PLUTONIUM-239/240	26-JUL-91	.01	.1513	PCI/L	
		STRONTIUM-89,90	26-JUL-91	1	.5516	PCI/L	J
		TRITIUM	26-JUL-91	400	341.5	PCI/L	J
		URANIUM-233,-234	26-JUL-91	.6	2.446	PCI/L	
		URANIUM-235	26-JUL-91	.6	.05346	PCI/L	J
		URANIUM-238	26-JUL-91	.6	3.466	PCI/L	
P209189	VOA	1,1,1-TRICHLOROETHANE	06-JUN-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	06-JUN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	06-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	06-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	06-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	06-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	06-JUN-91	5	3	UG/L	J
		1,2-DICHLOROPROPANE	06-JUN-91	5	5	UG/L	U
		2-BUTANONE	06-JUN-91	10	10	UG/L	U
		2-HEXANONE	06-JUN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	06-JUN-91	10	10	UG/L	U
		ACETONE	06-JUN-91	10	10	UG/L	U
		BENZENE	06-JUN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	06-JUN-91	5	5	UG/L	U
		BROMOFORM	06-JUN-91	5	5	UG/L	U
		BROMOMETHANE	06-JUN-91	10	10	UG/L	U
		CARBON DISULFIDE	06-JUN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	06-JUN-91	5	5	UG/L	U
		CHLOROBENZENE	06-JUN-91	5	5	UG/L	U
		CHLOROETHANE	06-JUN-91	10	10	UG/L	U
		CHLOROFORM	06-JUN-91	5	1	UG/L	J
		CHLOROMETHANE	06-JUN-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	06-JUN-91	5	5	UG/L	U
		ETHYLBENZENE	06-JUN-91	5	5	UG/L	U
		METHYLENE CHLORIDE	06-JUN-91	5	1	UG/L	BJ
		STYRENE	06-JUN-91	5	5	UG/L	U
		TETRACHLOROETHENE	06-JUN-91	5	4	UG/L	J
		TOLUENE	06-JUN-91	5	5	UG/L	U
		TOTAL XYLENES	06-JUN-91	5	5	UG/L	U
		TRICHLOROETHENE	06-JUN-91	5	4	UG/L	J
		VINYL ACETATE	06-JUN-91	10	10	UG/L	U
		VINYL CHLORIDE	06-JUN-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	06-JUN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	06-JUN-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		1,1,1-TRICHLOROETHANE	10-OCT-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	10-OCT-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	10-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	10-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	10-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	10-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	10-OCT-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	10-OCT-91	5	5	UG/L	U
		2-BUTANONE	10-OCT-91	10	10	UG/L	U
		2-HEXANONE	10-OCT-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	10-OCT-91	10	10	UG/L	U
		ACETONE	10-OCT-91	10	10	UG/L	U
		BENZENE	10-OCT-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	10-OCT-91	5	5	UG/L	U
		BROMOFORM	10-OCT-91	5	5	UG/L	U
		BROMOMETHANE	10-OCT-91	10	10	UG/L	U
		CARBON DISULFIDE	10-OCT-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	10-OCT-91	5	5	UG/L	U
		CHLOROBENZENE	10-OCT-91	5	5	UG/L	U
		CHLOROETHANE	10-OCT-91	10	10	UG/L	U
		CHLOROFORM	10-OCT-91	5	5	UG/L	U
		CHLOROMETHANE	10-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	10-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	10-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	10-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	10-OCT-91	5	5	UG/L	U
		STYRENE	10-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	10-OCT-91	5	5	UG/L	U
		TOLUENE	10-OCT-91	5	5	UG/L	U
		TOTAL XYLENES	10-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	10-OCT-91	5	5	UG/L	U
		VINYL ACETATE	10-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	10-OCT-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	10-OCT-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	10-OCT-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	22-MAR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	22-MAR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	22-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	22-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	22-MAR-91	5	2	UG/L	J
		1,2-DICHLOROETHANE	22-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	22-MAR-91	5	7	UG/L	
		1,2-DICHLOROPROPANE	22-MAR-91	5	5	UG/L	U
		2-BUTANONE	22-MAR-91	10	10	UG/L	U
		2-HEXANONE	22-MAR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	22-MAR-91	10	10	UG/L	U
		ACETONE	22-MAR-91	10	20	UG/L	B
		BENZENE	22-MAR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	22-MAR-91	5	5	UG/L	U
		BROMOFORM	22-MAR-91	5	5	UG/L	U
		BROMOMETHANE	22-MAR-91	10	10	UG/L	U
		CARBON DISULFIDE	22-MAR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	22-MAR-91	5	2	UG/L	J
		CHLOROBENZENE	22-MAR-91	5	5	UG/L	U
		CHLOROETHANE	22-MAR-91	10	10	UG/L	U
		CHLOROFORM	22-MAR-91	5	5	UG/L	U
		CHLOROMETHANE	22-MAR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	22-MAR-91	5	5	UG/L	U
		ETHYLBENZENE	22-MAR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	22-MAR-91	5	5	UG/L	U
		STYRENE	22-MAR-91	5	5	UG/L	U
		TETRACHLOROETHENE	22-MAR-91	5	9	UG/L	
		TOLUENE	22-MAR-91	5	5	UG/L	U
		TOTAL XYLENES	22-MAR-91	5	5	UG/L	U
		TRICHLOROETHENE	22-MAR-91	5	15	UG/L	
		VINYL ACETATE	22-MAR-91	10	10	UG/L	U
		VINYL CHLORIDE	22-MAR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	22-MAR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	22-MAR-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	26-JUL-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		1,1,2,2-TETRACHLOROETHANE	26-JUL-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	26-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	26-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	26-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	26-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	26-JUL-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	26-JUL-91	5	5	UG/L	U
		2-BUTANONE	26-JUL-91	10	10	UG/L	U
		2-HEXANONE	26-JUL-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	26-JUL-91	10	10	UG/L	U
		ACETONE	26-JUL-91	10	10	UG/L	U
		BENZENE	26-JUL-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	26-JUL-91	5	5	UG/L	U
		BROMOFORM	26-JUL-91	5	5	UG/L	U
		BROMOMETHANE	26-JUL-91	10	10	UG/L	U
		CARBON DISULFIDE	26-JUL-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	26-JUL-91	5	5	UG/L	U
		CHLOROBENZENE	26-JUL-91	5	5	UG/L	U
		CHLOROETHANE	26-JUL-91	10	10	UG/L	U
		CHLOROFORM	26-JUL-91	5	5	UG/L	U
		CHLOROMETHANE	26-JUL-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	26-JUL-91	5	5	UG/L	U
		ETHYLBENZENE	26-JUL-91	5	5	UG/L	U
		METHYLENE CHLORIDE	26-JUL-91	5	5	UG/L	U
		STYRENE	26-JUL-91	5	5	UG/L	U
		TETRACHLOROETHENE	26-JUL-91	5	2	UG/L	J
		TOLUENE	26-JUL-91	5	5	UG/L	U
		TOTAL XYLENES	26-JUL-91	5	5	UG/L	U
		TRICHLOROETHENE	26-JUL-91	5	3	UG/L	J
		VINYL ACETATE	26-JUL-91	10	10	UG/L	U
		VINYL CHLORIDE	26-JUL-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	26-JUL-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	26-JUL-91	5	5	UG/L	U
P209189	WQHP	BICARBONATE AS CACO3	06-JUN-91	1.0	200	MG/L	
		CARBONATE AS CACO3	06-JUN-91	1.0	1	MG/L	U
		CHLORIDE	06-JUN-91	0.2	32	MG/L	
		FLUORIDE	06-JUN-91	0.1	1.1	MG/L	
		NITRATE/NITRITE	06-JUN-91	0.02	3.2	MG/L	
		ORTHOPHOSPHATE	06-JUN-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	06-JUN-91	0.4	6.9	MG/L	
		SULFATE	06-JUN-91	2.0	64	MG/L	
		TOTAL DISSOLVED SOLIDS	06-JUN-91	10.0	400	MG/L	
		TOTAL SUSPENDED SOLIDS	06-JUN-91	4.0	38	MG/L	
		BICARBONATE AS CACO3	10-OCT-91	1.0	220	MG/L	
		CARBONATE AS CACO3	10-OCT-91	1.0	1	MG/L	U
		CHLORIDE	10-OCT-91	0.2	34	MG/L	
		FLUORIDE	10-OCT-91	0.1	1.8	MG/L	
		NITRATE/NITRITE	10-OCT-91	0.02	1.5	MG/L	
		ORTHOPHOSPHATE	10-OCT-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	10-OCT-91	0.4	9.1	MG/L	
		SULFATE	10-OCT-91	2.0	160	MG/L	
		TOTAL DISSOLVED SOLIDS	10-OCT-91	10.0	460	MG/L	
		TOTAL SUSPENDED SOLIDS	10-OCT-91	4.0	44	MG/L	
		BICARBONATE AS CACO3	22-MAR-91	1.0	280	MG/L	
		CARBONATE AS CACO3	22-MAR-91	1.0	0	MG/L	
		CHLORIDE	22-MAR-91	0.2	32	MG/L	
		FLUORIDE	22-MAR-91	0.1	1.8	MG/L	
		NITRATE/NITRITE	22-MAR-91	0.02	15	MG/L	
		ORTHOPHOSPHATE	22-MAR-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	22-MAR-91	0.4	7.3	MG/L	
		SULFATE	22-MAR-91	2.0	64	MG/L	
		TOTAL DISSOLVED SOLIDS	22-MAR-91	10.0	550	MG/L	
		TOTAL SUSPENDED SOLIDS	22-MAR-91	4.0	34	MG/L	
		BICARBONATE AS CACO3	26-JUL-91	1.0	210	MG/L	
		CARBONATE AS CACO3	26-JUL-91	1.0	1	MG/L	U
		CHLORIDE	26-JUL-91	0.2	28	MG/L	
		FLUORIDE	26-JUL-91	0.1	1.2	MG/L	
		NITRATE/NITRITE	26-JUL-91	0.02	0.7	MG/L	
		ORTHOPHOSPHATE	26-JUL-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	26-JUL-91	0.4	8.4	MG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		SULFATE	26-JUL-91	2.0	93	MG/L	
		TOTAL DISSOLVED SOLIDS	26-JUL-91	10.0	390	MG/L	
		TOTAL SUSPENDED SOLIDS	26-JUL-91	4.0	110	MG/L	
P209389	METALS	ALUMINUM	08-OCT-91	200	277.00	UG/L	N
		ALUMINUM	08-OCT-91	200	45.60	UG/L	B
		ANTIMONY	08-OCT-91	60	32.00	UG/L	B
		ANTIMONY	08-OCT-91	60	29.60	UG/L	B
		ARSENIC	08-OCT-91	10	2.00	UG/L	U
		ARSENIC	08-OCT-91	10	2.00	UG/L	U
		BARIUM	08-OCT-91	200	105.00	UG/L	B
		BARIUM	08-OCT-91	200	99.60	UG/L	BE
		BERYLLIUM	08-OCT-91	5	1.00	UG/L	U
		BERYLLIUM	08-OCT-91	5	1.00	UG/L	U
		CADMIUM	08-OCT-91	5	2.00	UG/L	U
		CADMIUM	08-OCT-91	5	2.00	UG/L	U
		CALCIUM	08-OCT-91	5000	87300.00	UG/L	
		CALCIUM	08-OCT-91	5000	86600.00	UG/L	
		CESIUM	08-OCT-91	1000	51.00	UG/L	U
		CESIUM	08-OCT-91	1000	51.00	UG/L	U
		CHROMIUM	08-OCT-91	10	12.40	UG/L	
		CHROMIUM	08-OCT-91	10	11.00	UG/L	
		COBALT	08-OCT-91	50	3.00	UG/L	U
		COBALT	08-OCT-91	50	3.00	UG/L	U
		COPPER	08-OCT-91	25	6.20	UG/L	B
		COPPER	08-OCT-91	25	3.00	UG/L	U
		CYANIDE	08-OCT-91	10	2.00	UG/L	U
		IRON	08-OCT-91	100	316.00	UG/L	
		IRON	08-OCT-91	100	13.10	UG/L	B
		LEAD	08-OCT-91	3	1.60	UG/L	BW
		LEAD	08-OCT-91	3	1.00	UG/L	UW
		LITHIUM	08-OCT-91	100	15.80	UG/L	B
		LITHIUM	08-OCT-91	100	15.50	UG/L	B
		MAGNESIUM	08-OCT-91	5000	12900.00	UG/L	
		MAGNESIUM	08-OCT-91	5000	12900.00	UG/L	
		MANGANESE	08-OCT-91	15	19.30	UG/L	
		MANGANESE	08-OCT-91	15	2.80	UG/L	B
		MERCURY	08-OCT-91	0	0.20	UG/L	U
		MERCURY	08-OCT-91	0	0.20	UG/L	U
		MOLYBDENUM	08-OCT-91	200	3.00	UG/L	U
		MOLYBDENUM	08-OCT-91	200	3.00	UG/L	U
		NICKEL	08-OCT-91	40	17.00	UG/L	U
		NICKEL	08-OCT-91	40	17.00	UG/L	U
		POTASSIUM	08-OCT-91	5000	1420.00	UG/L	BE
		POTASSIUM	08-OCT-91	5000	1330.00	UG/L	B
		SELENIUM	08-OCT-91	5	2.00	UG/L	U
		SELENIUM	08-OCT-91	5	2.00	UG/L	U
		SILVER	08-OCT-91	10	2.00	UG/L	U
		SILVER	08-OCT-91	10	2.00	UG/L	U
		SODIUM	08-OCT-91	5000	39100.00	UG/L	
		SODIUM	08-OCT-91	5000	38500.00	UG/L	
		STRONTIUM	08-OCT-91	200	407.00	UG/L	
		STRONTIUM	08-OCT-91	200	401.00	UG/L	
		THALLIUM	08-OCT-91	10	1.00	UG/L	UW
		THALLIUM	08-OCT-91	10	1.00	UG/L	U
		TIN	08-OCT-91	200	17.00	UG/L	U
		TIN	08-OCT-91	200	17.00	UG/L	U
		VANADIUM	08-OCT-91	50	4.80	UG/L	B
		VANADIUM	08-OCT-91	50	4.50	UG/L	B
		ZINC	08-OCT-91	20	25.90	UG/L	E
		ZINC	08-OCT-91	20	17.40	UG/L	B
		ALUMINUM	26-MAR-91	200	47.00	UG/L	B
		ANTIMONY	26-MAR-91	60	8.00	UG/L	U
		ARSENIC	26-MAR-91	10	2.00	UG/L	U
		BARIUM	26-MAR-91	200	96.40	UG/L	B
		BERYLLIUM	26-MAR-91	5	1.00	UG/L	U
		CADMIUM	26-MAR-91	5	2.00	UG/L	U
		CALCIUM	26-MAR-91	5000	82700.00	UG/L	
		CESIUM	26-MAR-91	1000	112.00	UG/L	U
		CHROMIUM	26-MAR-91	10	5.00	UG/L	U
		COBALT	26-MAR-91	50	3.00	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		COPPER	26-MAR-91	25	2.00	UG/L	U
		CYANIDE	26-MAR-91	10	3.50	UG/L	U
		IRON	26-MAR-91	100	4.00	UG/L	U
		LEAD	26-MAR-91	3	1.00	UG/L	U
		LITHIUM	26-MAR-91	100	11.20	UG/L	B
		MAGNESIUM	26-MAR-91	5000	12500.00	UG/L	
		MANGANESE	26-MAR-91	15	2.20	UG/L	B
		MERCURY	26-MAR-91	0	0.27	UG/L	
		MOLYBDENUM	26-MAR-91	200	3.00	UG/L	U
		NICKEL	26-MAR-91	40	4.00	UG/L	U
		POTASSIUM	26-MAR-91	5000	1210.00	UG/L	B
		SELENIUM	26-MAR-91	5	2.00	UG/L	U
		SILVER	26-MAR-91	10	3.00	UG/L	U
		SODIUM	26-MAR-91	5000	37600.00	UG/L	
		STRONTIUM	26-MAR-91	200	391.00	UG/L	
		THALLIUM	26-MAR-91	10	3.00	UG/L	U
		TIN	26-MAR-91	200	11.70	UG/L	B
		VANADIUM	26-MAR-91	50	2.60	UG/L	B
		ZINC	26-MAR-91	20	11.80	UG/L	B
		ALUMINUM	31-MAY-91	200	16.50	UG/L	B
		ANTIMONY	31-MAY-91	60	6.00	UG/L	U
		ARSENIC	31-MAY-91	10	2.00	UG/L	U
		BARIUM	31-MAY-91	200	104.00	UG/L	B
		BERYLLIUM	31-MAY-91	5	1.00	UG/L	U
		CADMIUM	31-MAY-91	5	2.00	UG/L	U
		CALCIUM	31-MAY-91	5000	88100.00	UG/L	
		CESIUM	31-MAY-91	1000	112.00	UG/L	U
		CHROMIUM	31-MAY-91	10	3.00	UG/L	U
		COBALT	31-MAY-91	50	3.00	UG/L	U
		COPPER	31-MAY-91	25	11.00	UG/L	U
		CYANIDE	31-MAY-91	10	2.50	UG/L	U
		IRON	31-MAY-91	100	11.40	UG/L	B
		LEAD	31-MAY-91	3	1.00	UG/L	U
		LITHIUM	31-MAY-91	100	17.90	UG/L	B
		MAGNESIUM	31-MAY-91	5000	13300.00	UG/L	
		MANGANESE	31-MAY-91	15	1.10	UG/L	B
		MERCURY	31-MAY-91	0	0.20	UG/L	U
		MOLYBDENUM	31-MAY-91	200	2.00	UG/L	U
		NICKEL	31-MAY-91	40	3.00	UG/L	U
		POTASSIUM	31-MAY-91	5000	1160.00	UG/L	B
		SELENIUM	31-MAY-91	5	2.00	UG/L	U
		SILVER	31-MAY-91	10	2.00	UG/L	U
		SODIUM	31-MAY-91	5000	38400.00	UG/L	
		STRONTIUM	31-MAY-91	200	414.00	UG/L	
		THALLIUM	31-MAY-91	10	1.00	UG/L	UW
		TIN	31-MAY-91	200	10.00	UG/L	U
		VANADIUM	31-MAY-91	50	2.00	UG/L	U
		ZINC	31-MAY-91	20	9.10	UG/L	B
P209389	RADS	AMERICIUM-241	24-JUL-91	.01	.008873	PCI/L	J
		CESIUM-137	24-JUL-91	1	-.0973	PCI/L	J
		GROSS ALPHA - DISSOLVED	24-JUL-91	2	.2349	PCI/L	J
		GROSS BETA - DISSOLVED	24-JUL-91	4	1.351	PCI/L	J
		PLUTONIUM-239/240	24-JUL-91	.01	.000461	PCI/L	J
		STRONTIUM-89,90	24-JUL-91	1	.6784	PCI/L	J
		TRITIUM	24-JUL-91	400	452.8	PCI/L	
		URANIUM-233,-234	24-JUL-91	.6	.4017	PCI/L	J
		URANIUM-235	24-JUL-91	.6	-.00747	PCI/L	J
		URANIUM-238	24-JUL-91	.6	.2261	PCI/L	J
		AMERICIUM-241	26-MAR-91	.01	.009253	PCI/L	J
		CESIUM-137	26-MAR-91	1	-.118	PCI/L	J
		GROSS ALPHA - DISSOLVED	26-MAR-91	2	1.095	PCI/L	J
		GROSS BETA - DISSOLVED	26-MAR-91	4	2.123	PCI/L	J
		PLUTONIUM-239/240	26-MAR-91	.01	.002496	PCI/L	J
		STRONTIUM-89,90	26-MAR-91	1	.06011	PCI/L	J
		TRITIUM	26-MAR-91	400	630.8	PCI/L	
		URANIUM-233,-234	26-MAR-91	.6	.5015	PCI/L	J
		URANIUM-235	26-MAR-91	.6	0	PCI/L	J
		URANIUM-238	26-MAR-91	.6	.228	PCI/L	J
P209389	VOA	1,1,1-TRICHLOROETHANE	08-OCT-91	5	4	UG/L	J
		1,1,2,2-TETRACHLOROETHANE	08-OCT-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		1,1,2-TRICHLOROETHANE	08-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	08-OCT-91	5	2	UG/L	J
		1,1-DICHLOROETHENE	08-OCT-91	5	63	UG/L	
		1,2-DICHLOROETHANE	08-OCT-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	08-OCT-91	5	5	UG/L	U
		2-BUTANONE	08-OCT-91	10	10	UG/L	U
		2-HEXANONE	08-OCT-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	08-OCT-91	10	10	UG/L	U
		ACETONE	08-OCT-91	10	10	UG/L	U
		BENZENE	08-OCT-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	08-OCT-91	5	5	UG/L	U
		BROMOFORM	08-OCT-91	5	5	UG/L	U
		BROMOMETHANE	08-OCT-91	10	10	UG/L	U
		CARBON DISULFIDE	08-OCT-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	08-OCT-91	5	25	UG/L	
		CHLOROBENZENE	08-OCT-91	5	5	UG/L	U
		CHLOROETHANE	08-OCT-91	10	10	UG/L	U
		CHLOROFORM	08-OCT-91	5	7	UG/L	
		CHLOROMETHANE	08-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	08-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	08-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	08-OCT-91	5	5	UG/L	U
		STYRENE	08-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	08-OCT-91	5	3	UG/L	J
		TOLUENE	08-OCT-91	5	5	UG/L	U
		TOTAL XYLENES	08-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	08-OCT-91	5	2	UG/L	J
		VINYL ACETATE	08-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	08-OCT-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	08-OCT-91	5	5	UG/L	U
		trans-1,2-DICHLOROETHENE	08-OCT-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	08-OCT-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	26-MAR-91	5	4	UG/L	J
		1,1,2,2-TETRACHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	26-MAR-91	5	92	UG/L	
		1,2-DICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	26-MAR-91	5	5	UG/L	U
		2-BUTANONE	26-MAR-91	10	10	UG/L	U
		2-HEXANONE	26-MAR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	26-MAR-91	10	10	UG/L	U
		ACETONE	26-MAR-91	10	10	UG/L	U
		BENZENE	26-MAR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	26-MAR-91	5	5	UG/L	U
		BROMOFORM	26-MAR-91	5	5	UG/L	U
		BROMOMETHANE	26-MAR-91	10	10	UG/L	U
		CARBON DISULFIDE	26-MAR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	26-MAR-91	5	37	UG/L	
		CHLOROBENZENE	26-MAR-91	5	5	UG/L	U
		CHLOROETHANE	26-MAR-91	10	10	UG/L	U
		CHLOROFORM	26-MAR-91	5	8	UG/L	
		CHLOROMETHANE	26-MAR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	26-MAR-91	5	5	UG/L	U
		ETHYLBENZENE	26-MAR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	26-MAR-91	5	5	UG/L	U
		STYRENE	26-MAR-91	5	5	UG/L	U
		TETRACHLOROETHENE	26-MAR-91	5	3	UG/L	J
		TOLUENE	26-MAR-91	5	5	UG/L	U
		TOTAL XYLENES	26-MAR-91	5	5	UG/L	U
		TRICHLOROETHENE	26-MAR-91	5	2	UG/L	J
		VINYL ACETATE	26-MAR-91	10	10	UG/L	U
		VINYL CHLORIDE	26-MAR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	26-MAR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	26-MAR-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	31-MAY-91	5	4	UG/L	J
		1,1,2,2-TETRACHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	31-MAY-91	5	3	UG/L	J

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		1,1-DICHLOROETHENE	31-MAY-91	5	81	UG/L	
		1,2-DICHLOROETHANE	31-MAY-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	31-MAY-91	5	2	UG/L	J
		1,2-DICHLOROPROPANE	31-MAY-91	5	5	UG/L	U
		2-BUTANONE	31-MAY-91	10	10	UG/L	U
		2-HEXANONE	31-MAY-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	31-MAY-91	10	10	UG/L	U
		ACETONE	31-MAY-91	10	10	UG/L	U
		BENZENE	31-MAY-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	31-MAY-91	5	5	UG/L	U
		BROMOFORM	31-MAY-91	5	5	UG/L	U
		BROMOMETHANE	31-MAY-91	10	10	UG/L	U
		CARBON DISULFIDE	31-MAY-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	31-MAY-91	5	39	UG/L	
		CHLOROBENZENE	31-MAY-91	5	5	UG/L	U
		CHLOROETHANE	31-MAY-91	10	10	UG/L	U
		CHLOROFORM	31-MAY-91	5	7	UG/L	
		CHLOROMETHANE	31-MAY-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	31-MAY-91	5	5	UG/L	U
		ETHYLBENZENE	31-MAY-91	5	5	UG/L	U
		METHYLENE CHLORIDE	31-MAY-91	5	1	UG/L	J
		STYRENE	31-MAY-91	5	5	UG/L	U
		TETRACHLOROETHENE	31-MAY-91	5	3	UG/L	J
		TOLUENE	31-MAY-91	5	5	UG/L	U
		TOTAL XYLENES	31-MAY-91	5	5	UG/L	U
		TRICHLOROETHENE	31-MAY-91	5	3	UG/L	J
		VINYL ACETATE	31-MAY-91	10	10	UG/L	U
		VINYL CHLORIDE	31-MAY-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	31-MAY-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	31-MAY-91	5	5	UG/L	U
P209389	WQHP	BICARBONATE AS CACO3	08-OCT-91	1.0	110	MG/L	
		CARBONATE AS CACO3	08-OCT-91	1.0	1	MG/L	U
		CHLORIDE	08-OCT-91	0.2	38	MG/L	
		FLUORIDE	08-OCT-91	0.1	0.3	MG/L	
		NITRATE/NITRITE	08-OCT-91	0.02	9.9	MG/L	
		ORTHOPHOSPHATE	08-OCT-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	08-OCT-91	0.4	8.4	MG/L	
		SULFATE	08-OCT-91	2.0	190	MG/L	
		TOTAL DISSOLVED SOLIDS	08-OCT-91	10.0	450	MG/L	
		TOTAL SUSPENDED SOLIDS	08-OCT-91	4.0	5	MG/L	
		BICARBONATE AS CACO3	26-MAR-91	1.0	110	MG/L	
		CARBONATE AS CACO3	26-MAR-91	1.0	0	MG/L	
		CHLORIDE	26-MAR-91	0.2	34	MG/L	
		FLUORIDE	26-MAR-91	0.1	0.4	MG/L	
		NITRATE/NITRITE	26-MAR-91	0.02	10	MG/L	
		ORTHOPHOSPHATE	26-MAR-91	0.01	0.02	MG/L	
		SILICA, DISSOLVED	26-MAR-91	0.4	7.1	MG/L	
		SULFATE	26-MAR-91	2.0	120	MG/L	
		TOTAL DISSOLVED SOLIDS	26-MAR-91	10.0	420	MG/L	
		TOTAL SUSPENDED SOLIDS	26-MAR-91	4.0	4	MG/L	U
		BICARBONATE AS CACO3	31-MAY-91	1.0	110	MG/L	
		CARBONATE AS CACO3	31-MAY-91	1.0	1	MG/L	U
		CHLORIDE	31-MAY-91	0.2	37	MG/L	
		FLUORIDE	31-MAY-91	0.1	0.3	MG/L	
		NITRATE/NITRITE	31-MAY-91	0.02	12	MG/L	
		ORTHOPHOSPHATE	31-MAY-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	31-MAY-91	0.4	7.6	MG/L	
		SULFATE	31-MAY-91	2.0	120	MG/L	
		TOTAL DISSOLVED SOLIDS	31-MAY-91	10.0	460	MG/L	
		TOTAL SUSPENDED SOLIDS	31-MAY-91	4.0	4	MG/L	U
P209489	METALS	ALUMINUM	02-AUG-91	200	69.30	UG/L	B
		ALUMINUM	02-AUG-91	200	391.00	UG/L	
		ANTIMONY	02-AUG-91	60	34.30	UG/L	B
		ANTIMONY	02-AUG-91	60	34.80	UG/L	B
		ARSENIC	02-AUG-91	10	2.00	UG/L	U
		ARSENIC	02-AUG-91	10	2.00	UG/L	U
		BARIUM	02-AUG-91	200	93.80	UG/L	B
		BARIUM	02-AUG-91	200	87.20	UG/L	B
		BERYLLIUM	02-AUG-91	5	1.00	UG/L	U
		BERYLLIUM	02-AUG-91	5	1.00	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		CADMIUM	02-AUG-91	5	43.80	UG/L	
		CADMIUM	02-AUG-91	5	1.00	UG/L	U
		CALCIUM	02-AUG-91	5000	199000.00	UG/L	
		CALCIUM	02-AUG-91	5000	187000.00	UG/L	
		CESIUM	02-AUG-91	1000	50.00	UG/L	B
		CESIUM	02-AUG-91	1000	32.00	UG/L	U
		CHROMIUM	02-AUG-91	10	13.60	UG/L	
		CHROMIUM	02-AUG-91	10	14.60	UG/L	
		COBALT	02-AUG-91	50	2.00	UG/L	U
		COBALT	02-AUG-91	50	2.00	UG/L	U
		COPPER	02-AUG-91	25	3.00	UG/L	U
		COPPER	02-AUG-91	25	6.10	UG/L	B
		CYANIDE	02-AUG-91	10	2.00	UG/L	U
		IRON	02-AUG-91	100	32.50	UG/L	B
		IRON	02-AUG-91	100	293.00	UG/L	
		LEAD	02-AUG-91	3	1.00	UG/L	U
		LEAD	02-AUG-91	3	1.10	UG/L	B
		LITHIUM	02-AUG-91	100	121.00	UG/L	
		LITHIUM	02-AUG-91	100	109.00	UG/L	
		MAGNESIUM	02-AUG-91	5000	33100.00	UG/L	
		MAGNESIUM	02-AUG-91	5000	31000.00	UG/L	
		MANGANESE	02-AUG-91	15	25.40	UG/L	
		MANGANESE	02-AUG-91	15	34.80	UG/L	
		MERCURY	02-AUG-91	0	0.28	UG/L	
		MERCURY	02-AUG-91	0	0.27	UG/L	
		MOLYBDENUM	02-AUG-91	200	4.50	UG/L	B
		MOLYBDENUM	02-AUG-91	200	3.60	UG/L	B
		NICKEL	02-AUG-91	40	10.40	UG/L	B
		NICKEL	02-AUG-91	40	17.70	UG/L	B
		POTASSIUM	02-AUG-91	5000	62500.00	UG/L	
		POTASSIUM	02-AUG-91	5000	56500.00	UG/L	
		SELENIUM	02-AUG-91	5	2.00	UG/L	U
		SELENIUM	02-AUG-91	5	2.00	UG/L	U
		SILVER	02-AUG-91	10	2.00	UG/L	U
		SILVER	02-AUG-91	10	2.00	UG/L	U
		SODIUM	02-AUG-91	5000	327000.00	UG/L	
		SODIUM	02-AUG-91	5000	301000.00	UG/L	
		STRONTIUM	02-AUG-91	200	877.00	UG/L	
		STRONTIUM	02-AUG-91	200	820.00	UG/L	
		THALLIUM	02-AUG-91	10	2.00	UG/L	U
		THALLIUM	02-AUG-91	10	2.00	UG/L	U
		TIN	02-AUG-91	200	40.90	UG/L	B
		TIN	02-AUG-91	200	27.70	UG/L	B
		VANADIUM	02-AUG-91	50	2.00	UG/L	U
		VANADIUM	02-AUG-91	50	2.50	UG/L	B
		ZINC	02-AUG-91	20	17.60	UG/L	B
		ZINC	02-AUG-91	20	30.60	UG/L	
		ALUMINUM	16-OCT-91	200	2040.00	UG/L	N*
		ALUMINUM	16-OCT-91	200	2040.00	UG/L	N*
		ANTIMONY	16-OCT-91	60	45.40	UG/L	B
		ANTIMONY	16-OCT-91	60	45.40	UG/L	B
		ARSENIC	16-OCT-91	10	2.00	UG/L	U
		ARSENIC	16-OCT-91	10	2.00	UG/L	U
		BARIUM	16-OCT-91	200	102.00	UG/L	B
		BARIUM	16-OCT-91	200	102.00	UG/L	B
		BERYLLIUM	16-OCT-91	5	1.00	UG/L	U
		BERYLLIUM	16-OCT-91	5	1.00	UG/L	U
		CADMIUM	16-OCT-91	5	3.60	UG/L	B
		CADMIUM	16-OCT-91	5	3.60	UG/L	B
		CALCIUM	16-OCT-91	5000	198000.00	UG/L	
		CALCIUM	16-OCT-91	5000	198000.00	UG/L	
		CESIUM	16-OCT-91	1000	51.00	UG/L	U
		CESIUM	16-OCT-91	1000	51.00	UG/L	U
		CHROMIUM	16-OCT-91	10	25.30	UG/L	
		CHROMIUM	16-OCT-91	10	25.30	UG/L	
		COBALT	16-OCT-91	50	4.40	UG/L	B
		COBALT	16-OCT-91	50	4.40	UG/L	B
		COPPER	16-OCT-91	25	13.90	UG/L	B
		COPPER	16-OCT-91	25	13.90	UG/L	B
		CYANIDE	16-OCT-91	10	2.00	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		CYANIDE	16-OCT-91	10	2.00	UG/L	U
		IRON	16-OCT-91	100	1580.00	UG/L	*
		IRON	16-OCT-91	100	1580.00	UG/L	*
		LEAD	16-OCT-91	3	3.40	UG/L	
		LEAD	16-OCT-91	3	3.40	UG/L	
		LITHIUM	16-OCT-91	100	137.00	UG/L	
		LITHIUM	16-OCT-91	100	137.00	UG/L	
		MAGNESIUM	16-OCT-91	5000	32700.00	UG/L	
		MAGNESIUM	16-OCT-91	5000	32700.00	UG/L	
		MANGANESE	16-OCT-91	15	83.80	UG/L	
		MANGANESE	16-OCT-91	15	83.80	UG/L	
		MERCURY	16-OCT-91	0	0.20	UG/L	U
		MERCURY	16-OCT-91	0	0.20	UG/L	U
		MOLYBDENUM	16-OCT-91	200	6.10	UG/L	B
		MOLYBDENUM	16-OCT-91	200	6.10	UG/L	B
		NICKEL	16-OCT-91	40	18.40	UG/L	B
		NICKEL	16-OCT-91	40	18.40	UG/L	B
		POTASSIUM	16-OCT-91	5000	67800.00	UG/L	
		POTASSIUM	16-OCT-91	5000	67800.00	UG/L	
		SELENIUM	16-OCT-91	5	2.00	UG/L	U
		SELENIUM	16-OCT-91	5	2.00	UG/L	U
		SILVER	16-OCT-91	10	3.60	UG/L	B
		SILVER	16-OCT-91	10	3.60	UG/L	B
		SODIUM	16-OCT-91	5000	318000.00	UG/L	
		SODIUM	16-OCT-91	5000	318000.00	UG/L	
		STRONTIUM	16-OCT-91	200	905.00	UG/L	
		STRONTIUM	16-OCT-91	200	905.00	UG/L	
		THALLIUM	16-OCT-91	10	1.00	UG/L	U
		THALLIUM	16-OCT-91	10	1.00	UG/L	U
		TIN	16-OCT-91	200	20.50	UG/L	B
		TIN	16-OCT-91	200	20.50	UG/L	B
		VANADIUM	16-OCT-91	50	13.60	UG/L	B
		VANADIUM	16-OCT-91	50	13.60	UG/L	B
		ZINC	16-OCT-91	20	26.30	UG/L	E
		ZINC	16-OCT-91	20	26.30	UG/L	E
		ALUMINUM	26-MAR-91	200	91.60	UG/L	B
		ANTIMONY	26-MAR-91	60	8.50	UG/L	B
		ARSENIC	26-MAR-91	10	2.00	UG/L	U
		BARIUM	26-MAR-91	200	93.60	UG/L	B
		BERYLLIUM	26-MAR-91	5	1.00	UG/L	U
		CADMIUM	26-MAR-91	5	2.00	UG/L	U
		CALCIUM	26-MAR-91	5000	202000.00	UG/L	
		CESIUM	26-MAR-91	1000	112.00	UG/L	U
		CHROMIUM	26-MAR-91	10	6.90	UG/L	B
		COBALT	26-MAR-91	50	3.00	UG/L	U
		COPPER	26-MAR-91	25	2.00	UG/L	U
		CYANIDE	26-MAR-91	10	3.50	UG/L	U
		IRON	26-MAR-91	100	11.30	UG/L	B
		LEAD	26-MAR-91	3	1.00	UG/L	U
		LITHIUM	26-MAR-91	100	171.00	UG/L	
		MAGNESIUM	26-MAR-91	5000	33700.00	UG/L	
		MANGANESE	26-MAR-91	15	75.50	UG/L	
		MERCURY	26-MAR-91	0	0.45	UG/L	
		MOLYBDENUM	26-MAR-91	200	3.00	UG/L	U
		NICKEL	26-MAR-91	40	12.20	UG/L	B
		POTASSIUM	26-MAR-91	5000	89700.00	UG/L	
		SELENIUM	26-MAR-91	5	2.00	UG/L	UW
		SILVER	26-MAR-91	10	4.70	UG/L	B
		SODIUM	26-MAR-91	5000	374000.00	UG/L	
		STRONTIUM	26-MAR-91	200	943.00	UG/L	
		THALLIUM	26-MAR-91	10	3.00	UG/L	U
		TIN	26-MAR-91	200	24.10	UG/L	B
		VANADIUM	26-MAR-91	50	7.40	UG/L	B
		ZINC	26-MAR-91	20	12.40	UG/L	B
P209489	RADS	AMERICIUM-241	02-AUG-91	.01	.002584	PCI/L	J
		CESIUM-137	02-AUG-91	1	.2566	PCI/L	J
		GROSS ALPHA - DISSOLVED	02-AUG-91	2	36.26	PCI/L	
		GROSS BETA - DISSOLVED	02-AUG-91	4	56.96	PCI/L	
		PLUTONIUM-239/240	02-AUG-91	.01	.001822	PCI/L	J
		RADIUM-226	02-AUG-91	.5	.3952	PCI/L	J

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		STRONTIUM-89,90	02-AUG-91	1	.8982	PCI/L	J
		TRITIUM	02-AUG-91	400	796.4	PCI/L	
		URANIUM-233,-234	02-AUG-91	.6	34.23	PCI/L	
		URANIUM-235	02-AUG-91	.6	.9223	PCI/L	
		URANIUM-238	02-AUG-91	.6	25.93	PCI/L	
		AMERICIUM-241	26-MAR-91	.01	.001001	PCI/L	J
		CESIUM-137	26-MAR-91	1	.0744	PCI/L	J
		GROSS ALPHA - DISSOLVED	26-MAR-91	2	46.53	PCI/L	
		GROSS BETA - DISSOLVED	26-MAR-91	4	79.49	PCI/L	
		PLUTONIUM-239/240	26-MAR-91	.01	0	PCI/L	J
		RADIUM-226	26-MAR-91	.5	.537	PCI/L	
		STRONTIUM-89,90	26-MAR-91	1	.513	PCI/L	J
		TRITIUM	26-MAR-91	400	1094	PCI/L	
		URANIUM-233,-234	26-MAR-91	.6	42.7	PCI/L	
		URANIUM-235	26-MAR-91	.6	1.546	PCI/L	
		URANIUM-238	26-MAR-91	.6	35.73	PCI/L	
P209489	VOA	1,1,1-TRICHLOROETHANE	02-AUG-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	02-AUG-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	02-AUG-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	02-AUG-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	02-AUG-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	02-AUG-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	02-AUG-91	5	7	UG/L	
		1,2-DICHLOROPROPANE	02-AUG-91	5	5	UG/L	U
		2-BUTANONE	02-AUG-91	10	10	UG/L	U
		2-HEXANONE	02-AUG-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	02-AUG-91	10	10	UG/L	U
		ACETONE	02-AUG-91	10	10	UG/L	U
		BENZENE	02-AUG-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	02-AUG-91	5	5	UG/L	U
		BROMOFORM	02-AUG-91	5	5	UG/L	U
		BROMOMETHANE	02-AUG-91	10	10	UG/L	U
		CARBON DISULFIDE	02-AUG-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	02-AUG-91	5	55	UG/L	
		CHLOROBENZENE	02-AUG-91	5	5	UG/L	U
		CHLOROETHANE	02-AUG-91	10	10	UG/L	U
		CHLOROFORM	02-AUG-91	5	14	UG/L	
		CHLOROMETHANE	02-AUG-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	02-AUG-91	5	5	UG/L	U
		ETHYLBENZENE	02-AUG-91	5	5	UG/L	U
		METHYLENE CHLORIDE	02-AUG-91	5	5	UG/L	U
		STYRENE	02-AUG-91	5	5	UG/L	U
		TETRACHLOROETHENE	02-AUG-91	5	4	UG/L	J
		TOLUENE	02-AUG-91	5	5	UG/L	U
		TOTAL XYLENES	02-AUG-91	5	5	UG/L	U
		TRICHLOROETHENE	02-AUG-91	5	69	UG/L	
		VINYL ACETATE	02-AUG-91	10	10	UG/L	U
		VINYL CHLORIDE	02-AUG-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	02-AUG-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	02-AUG-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	16-OCT-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	16-OCT-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	16-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	16-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	16-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	16-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	16-OCT-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	16-OCT-91	5	5	UG/L	U
		2-BUTANONE	16-OCT-91	10	10	UG/L	U
		2-HEXANONE	16-OCT-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	16-OCT-91	10	10	UG/L	U
		ACETONE	16-OCT-91	10	10	UG/L	U
		BENZENE	16-OCT-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	16-OCT-91	5	5	UG/L	U
		BROMOFORM	16-OCT-91	5	5	UG/L	U
		BROMOMETHANE	16-OCT-91	10	10	UG/L	U
		CARBON DISULFIDE	16-OCT-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	16-OCT-91	5	49	UG/L	
		CHLOROBENZENE	16-OCT-91	5	5	UG/L	U
		CHLOROETHANE	16-OCT-91	10	10	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		CHLOROFORM	16-OCT-91	5	16	UG/L	
		CHLOROMETHANE	16-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	16-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	16-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	16-OCT-91	5	6	UG/L	B
		STYRENE	16-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	16-OCT-91	5	5	UG/L	
		TOLUENE	16-OCT-91	5	5	UG/L	U
		TOTAL XYLENES	16-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	16-OCT-91	5	57	UG/L	
		VINYL ACETATE	16-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	16-OCT-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	16-OCT-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	16-OCT-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	26-MAR-91	5	10	UG/L	
		1,2-DICHLOROPROPANE	26-MAR-91	5	5	UG/L	U
		2-BUTANONE	26-MAR-91	10	10	UG/L	U
		2-HEXANONE	26-MAR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	26-MAR-91	10	10	UG/L	U
		ACETONE	26-MAR-91	10	10	UG/L	U
		BENZENE	26-MAR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	26-MAR-91	5	5	UG/L	U
		BROMOFORM	26-MAR-91	5	5	UG/L	U
		BROMOMETHANE	26-MAR-91	10	10	UG/L	U
		CARBON DISULFIDE	26-MAR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	26-MAR-91	5	58	UG/L	
		CHLOROBENZENE	26-MAR-91	5	5	UG/L	U
		CHLOROETHANE	26-MAR-91	10	10	UG/L	U
		CHLOROFORM	26-MAR-91	5	20	UG/L	
		CHLOROMETHANE	26-MAR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	26-MAR-91	5	5	UG/L	U
		ETHYLBENZENE	26-MAR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	26-MAR-91	5	5	UG/L	U
		STYRENE	26-MAR-91	5	5	UG/L	U
		TETRACHLOROETHENE	26-MAR-91	5	5	UG/L	
		TOLUENE	26-MAR-91	5	5	UG/L	U
		TOTAL XYLENES	26-MAR-91	5	5	UG/L	U
		TRICHLOROETHENE	26-MAR-91	5	67	UG/L	
		VINYL ACETATE	26-MAR-91	10	10	UG/L	U
		VINYL CHLORIDE	26-MAR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	26-MAR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	26-MAR-91	5	5	UG/L	U
P209489	WQHP	BICARBONATE AS CACO3	02-AUG-91	1.0	310	MG/L	
		CARBONATE AS CACO3	02-AUG-91	1.0	1	MG/L	U
		CHLORIDE	02-AUG-91	0.2	110	MG/L	
		FLUORIDE	02-AUG-91	0.1	0.6	MG/L	
		NITRATE/NITRITE	02-AUG-91	0.02	180	MG/L	
		ORTHOPHOSPHATE	02-AUG-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	02-AUG-91	0.4	6.5	MG/L	
		SULFATE	02-AUG-91	2.0	140	MG/L	
		TOTAL DISSOLVED SOLIDS	02-AUG-91	10.0	2200	MG/L	
		TOTAL SUSPENDED SOLIDS	02-AUG-91	4.0	19	MG/L	
		BICARBONATE AS CACO3	16-OCT-91	1.0	330	MG/L	
		CARBONATE AS CACO3	16-OCT-91	1.0	1	MG/L	U
		CHLORIDE	16-OCT-91	0.2	85	MG/L	
		FLUORIDE	16-OCT-91	0.1	0.6	MG/L	
		NITRATE/NITRITE	16-OCT-91	0.02	250	MG/L	
		ORTHOPHOSPHATE	16-OCT-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	16-OCT-91	0.4	6.8	MG/L	
		SULFATE	16-OCT-91	2.0	160	MG/L	
		TOTAL DISSOLVED SOLIDS	16-OCT-91	10.0	2200	MG/L	
		TOTAL SUSPENDED SOLIDS	16-OCT-91	4.0	34	MG/L	
		BICARBONATE AS CACO3	26-MAR-91	1.0	330	MG/L	
		CARBONATE AS CACO3	26-MAR-91	1.0	0	MG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		CHLORIDE	26-MAR-91	0.2	82	MG/L	
		FLUORIDE	26-MAR-91	0.1	0.7	MG/L	
		NITRATE/NITRITE	26-MAR-91	0.02	240	MG/L	
		ORTHOPHOSPHATE	26-MAR-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	26-MAR-91	0.4	6.4	MG/L	
		SULFATE	26-MAR-91	2.0	110	MG/L	
		TOTAL DISSOLVED SOLIDS	26-MAR-91	10.0	2400	MG/L	
		TOTAL SUSPENDED SOLIDS	26-MAR-91	4.0	21	MG/L	
P209589	RADS	TRITIUM	26-MAR-91	400	13850	PCI/L	
P209589	VOA	1,1,1-TRICHLOROETHANE	01-AUG-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	01-AUG-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	01-AUG-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	01-AUG-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	01-AUG-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	01-AUG-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	01-AUG-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	01-AUG-91	5	5	UG/L	U
		2-BUTANONE	01-AUG-91	10	10	UG/L	U
		2-HEXANONE	01-AUG-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	01-AUG-91	10	10	UG/L	U
		ACETONE	01-AUG-91	10	10	UG/L	U
		BENZENE	01-AUG-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	01-AUG-91	5	5	UG/L	U
		BROMOFORM	01-AUG-91	5	5	UG/L	U
		BROMOMETHANE	01-AUG-91	10	10	UG/L	U
		CARBON DISULFIDE	01-AUG-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	01-AUG-91	5	5	UG/L	U
		CHLOROBENZENE	01-AUG-91	5	5	UG/L	U
		CHLOROETHANE	01-AUG-91	10	10	UG/L	U
		CHLOROFORM	01-AUG-91	5	5	UG/L	U
		CHLOROMETHANE	01-AUG-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	01-AUG-91	5	5	UG/L	U
		ETHYLBENZENE	01-AUG-91	5	5	UG/L	U
		METHYLENE CHLORIDE	01-AUG-91	5	5	UG/L	U
		STYRENE	01-AUG-91	5	5	UG/L	U
		TETRACHLOROETHENE	01-AUG-91	5	5	UG/L	U
		TOLUENE	01-AUG-91	5	5	UG/L	U
		TOTAL XYLENES	01-AUG-91	5	5	UG/L	U
		TRICHLOROETHENE	01-AUG-91	5	5	UG/L	U
		VINYL ACETATE	01-AUG-91	10	10	UG/L	U
		VINYL CHLORIDE	01-AUG-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	01-AUG-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	01-AUG-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	04-OCT-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	04-OCT-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	04-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	04-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	04-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	04-OCT-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	04-OCT-91	5	5	UG/L	U
		2-BUTANONE	04-OCT-91	10	10	UG/L	U
		2-HEXANONE	04-OCT-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	04-OCT-91	10	10	UG/L	U
		ACETONE	04-OCT-91	10	10	UG/L	U
		BENZENE	04-OCT-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	04-OCT-91	5	5	UG/L	U
		BROMOFORM	04-OCT-91	5	5	UG/L	U
		BROMOMETHANE	04-OCT-91	10	10	UG/L	U
		CARBON DISULFIDE	04-OCT-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	04-OCT-91	5	5	UG/L	U
		CHLOROBENZENE	04-OCT-91	5	5	UG/L	U
		CHLOROETHANE	04-OCT-91	10	10	UG/L	U
		CHLOROFORM	04-OCT-91	5	5	UG/L	U
		CHLOROMETHANE	04-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	04-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	04-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	04-OCT-91	5	5	UG/L	U
		STYRENE	04-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	04-OCT-91	5	5	UG/L	U
		TOLUENE	04-OCT-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		TOTAL XYLENES	04-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	04-OCT-91	5	5	UG/L	U
		VINYL ACETATE	04-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	04-OCT-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	04-OCT-91	5	5	UG/L	U
		trans-1,2-DICHLOROETHENE	04-OCT-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	04-OCT-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	06-JUN-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	06-JUN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	06-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	06-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	06-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	06-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	06-JUN-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	06-JUN-91	5	5	UG/L	U
		2-BUTANONE	06-JUN-91	10	10	UG/L	U
		2-HEXANONE	06-JUN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	06-JUN-91	10	10	UG/L	U
		ACETONE	06-JUN-91	10	9	UG/L	BJ
		BENZENE	06-JUN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	06-JUN-91	5	5	UG/L	U
		BROMOFORM	06-JUN-91	5	5	UG/L	U
		BROMOMETHANE	06-JUN-91	10	10	UG/L	U
		CARBON DISULFIDE	06-JUN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	06-JUN-91	5	5	UG/L	U
		CHLOROBENZENE	06-JUN-91	5	5	UG/L	U
		CHLOROETHANE	06-JUN-91	10	10	UG/L	U
		CHLOROFORM	06-JUN-91	5	5	UG/L	U
		CHLOROMETHANE	06-JUN-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	06-JUN-91	5	5	UG/L	U
		ETHYLBENZENE	06-JUN-91	5	5	UG/L	U
		METHYLENE CHLORIDE	06-JUN-91	5	5	UG/L	U
		STYRENE	06-JUN-91	5	5	UG/L	U
		TETRACHLOROETHENE	06-JUN-91	5	5	UG/L	U
		TOLUENE	06-JUN-91	5	5	UG/L	U
		TOTAL XYLENES	06-JUN-91	5	5	UG/L	U
		TRICHLOROETHENE	06-JUN-91	5	5	UG/L	U
		VINYL ACETATE	06-JUN-91	10	10	UG/L	U
		VINYL CHLORIDE	06-JUN-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	06-JUN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	06-JUN-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	26-MAR-91	5	5	UG/L	U
		2-BUTANONE	26-MAR-91	10	10	UG/L	U
		2-HEXANONE	26-MAR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	26-MAR-91	10	10	UG/L	U
		ACETONE	26-MAR-91	10	9	UG/L	J
		BENZENE	26-MAR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	26-MAR-91	5	5	UG/L	U
		BROMOFORM	26-MAR-91	5	5	UG/L	U
		BROMOMETHANE	26-MAR-91	10	10	UG/L	U
		CARBON DISULFIDE	26-MAR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	26-MAR-91	5	5	UG/L	U
		CHLOROBENZENE	26-MAR-91	5	5	UG/L	U
		CHLOROETHANE	26-MAR-91	10	10	UG/L	U
		CHLOROFORM	26-MAR-91	5	5	UG/L	U
		CHLOROMETHANE	26-MAR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	26-MAR-91	5	5	UG/L	U
		ETHYLBENZENE	26-MAR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	26-MAR-91	5	5	UG/L	U
		STYRENE	26-MAR-91	5	5	UG/L	U
		TETRACHLOROETHENE	26-MAR-91	5	5	UG/L	U
		TOLUENE	26-MAR-91	5	5	UG/L	U
		TOTAL XYLENES	26-MAR-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		TRICHLOROETHENE	26-MAR-91	5	5	UG/L	U
		VINYL ACETATE	26-MAR-91	10	10	UG/L	U
		VINYL CHLORIDE	26-MAR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	26-MAR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	26-MAR-91	5	5	UG/L	U
P209589	WQHP	NITRATE/NITRITE	01-AUG-91	0.02	4200	MG/L	
		NITRATE/NITRITE	04-OCT-91	0.02	5600	MG/L	
		ORTHOPHOSPHATE	04-OCT-91	0.01	0.01	MG/L	U
		BICARBONATE AS CACO3	06-JUN-91	1.0	130	MG/L	
		CARBONATE AS CACO3	06-JUN-91	1.0	1	MG/L	U
		CHLORIDE	06-JUN-91	0.2	780	MG/L	
		FLUORIDE	06-JUN-91	0.1	0.6	MG/L	
		SILICA, DISSOLVED	06-JUN-91	0.4	5.3	MG/L	
		SULFATE	06-JUN-91	2.0	540	MG/L	
		TOTAL DISSOLVED SOLIDS	06-JUN-91	10.0	37000	MG/L	
		TOTAL SUSPENDED SOLIDS	06-JUN-91	4.0	93	MG/L	
		BICARBONATE AS CACO3	26-MAR-91	1.0	140	MG/L	
		CARBONATE AS CACO3	26-MAR-91	1.0	0	MG/L	
		CHLORIDE	26-MAR-91	0.2	740	MG/L	
		FLUORIDE	26-MAR-91	0.1	0.6	MG/L	
		NITRATE/NITRITE	26-MAR-91	0.02	3600	MG/L	
		SILICA, DISSOLVED	26-MAR-91	0.4	6.0	MG/L	
		SULFATE	26-MAR-91	2.0	590	MG/L	
		TOTAL DISSOLVED SOLIDS	26-MAR-91	10.0	32000	MG/L	
		TOTAL SUSPENDED SOLIDS	26-MAR-91	4.0	86	MG/L	
P209689	METALS	ALUMINUM	13-JUN-91	200	61.30	UG/L	B
		ANTIMONY	13-JUN-91	60	20.60	UG/L	B
		ARSENIC	13-JUN-91	10	2.00	UG/L	U
		BARIUM	13-JUN-91	200	88.50	UG/L	B
		BERYLLIUM	13-JUN-91	5	1.00	UG/L	U
		CADMIUM	13-JUN-91	5	2.00	UG/L	U
		CALCIUM	13-JUN-91	5000	183000.00	UG/L	
		CESIUM	13-JUN-91	1000	112.00	UG/L	U
		CHROMIUM	13-JUN-91	10	4.60	UG/L	B
		COBALT	13-JUN-91	50	3.00	UG/L	U
		COPPER	13-JUN-91	25	11.00	UG/L	U
		CYANIDE	13-JUN-91	10	2.50	UG/L	U
		IRON	13-JUN-91	100	14.80	UG/L	B
		LEAD	13-JUN-91	3	1.00	UG/L	U
		LITHIUM	13-JUN-91	100	99.00	UG/L	B
		MAGNESIUM	13-JUN-91	5000	30200.00	UG/L	
		MANGANESE	13-JUN-91	15	16.80	UG/L	
		MERCURY	13-JUN-91	0	0.20	UG/L	U
		MOLYBDENUM	13-JUN-91	200	2.00	UG/L	U
		NICKEL	13-JUN-91	40	9.30	UG/L	B
		POTASSIUM	13-JUN-91	5000	56200.00	UG/L	
		SELENIUM	13-JUN-91	5	2.00	UG/L	UW
		SILVER	13-JUN-91	10	2.00	UG/L	U
		SODIUM	13-JUN-91	5000	291000.00	UG/L	
		STRONTIUM	13-JUN-91	200	852.00	UG/L	
		THALLIUM	13-JUN-91	10	1.00	UG/L	U
		TIN	13-JUN-91	200	22.80	UG/L	B
		VANADIUM	13-JUN-91	50	2.00	UG/L	U
		ZINC	13-JUN-91	20	17.30	UG/L	B
P209689	VOA	1,1,1-TRICHLOROETHANE	13-JUN-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	13-JUN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	13-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	13-JUN-91	5	1	UG/L	J
		1,1-DICHLOROETHENE	13-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	13-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	13-JUN-91	5	11	UG/L	
		1,2-DICHLOROPROPANE	13-JUN-91	5	5	UG/L	U
		2-BUTANONE	13-JUN-91	10	10	UG/L	U
		2-HEXANONE	13-JUN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	13-JUN-91	10	10	UG/L	U
		ACETONE	13-JUN-91	10	10	UG/L	U
		BENZENE	13-JUN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	13-JUN-91	5	5	UG/L	U
		BROMOFORM	13-JUN-91	5	5	UG/L	U
		BROMOMETHANE	13-JUN-91	10	10	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		CHLOROFORM	16-OCT-91	5	16	UG/L	
		CHLOROMETHANE	16-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	16-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	16-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	16-OCT-91	5	6	UG/L	B
		STYRENE	16-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	16-OCT-91	5	5	UG/L	
		TOLUENE	16-OCT-91	5	5	UG/L	U
		TOTAL XYLENES	16-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	16-OCT-91	5	57	UG/L	
		VINYL ACETATE	16-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	16-OCT-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	16-OCT-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	16-OCT-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	26-MAR-91	5	10	UG/L	
		1,2-DICHLOROPROPANE	26-MAR-91	5	5	UG/L	U
		2-BUTANONE	26-MAR-91	10	10	UG/L	U
		2-HEXANONE	26-MAR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	26-MAR-91	10	10	UG/L	U
		ACETONE	26-MAR-91	10	10	UG/L	U
		BENZENE	26-MAR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	26-MAR-91	5	5	UG/L	U
		BROMOFORM	26-MAR-91	5	5	UG/L	U
		BROMOMETHANE	26-MAR-91	10	10	UG/L	U
		CARBON DISULFIDE	26-MAR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	26-MAR-91	5	58	UG/L	
		CHLOROBENZENE	26-MAR-91	5	5	UG/L	U
		CHLOROETHANE	26-MAR-91	10	10	UG/L	U
		CHLOROFORM	26-MAR-91	5	20	UG/L	
		CHLOROMETHANE	26-MAR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	26-MAR-91	5	5	UG/L	U
		ETHYLBENZENE	26-MAR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	26-MAR-91	5	5	UG/L	U
		STYRENE	26-MAR-91	5	5	UG/L	U
		TETRACHLOROETHENE	26-MAR-91	5	5	UG/L	
		TOLUENE	26-MAR-91	5	5	UG/L	U
		TOTAL XYLENES	26-MAR-91	5	5	UG/L	U
		TRICHLOROETHENE	26-MAR-91	5	67	UG/L	
		VINYL ACETATE	26-MAR-91	10	10	UG/L	U
		VINYL CHLORIDE	26-MAR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	26-MAR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	26-MAR-91	5	5	UG/L	U
P209489	WQHP	BICARBONATE AS CACO3	02-AUG-91	1.0	310	MG/L	
		CARBONATE AS CACO3	02-AUG-91	1.0	1	MG/L	U
		CHLORIDE	02-AUG-91	0.2	110	MG/L	
		FLUORIDE	02-AUG-91	0.1	0.6	MG/L	
		NITRATE/NITRITE	02-AUG-91	0.02	180	MG/L	
		ORTHOPHOSPHATE	02-AUG-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	02-AUG-91	0.4	6.5	MG/L	
		SULFATE	02-AUG-91	2.0	140	MG/L	
		TOTAL DISSOLVED SOLIDS	02-AUG-91	10.0	2200	MG/L	
		TOTAL SUSPENDED SOLIDS	02-AUG-91	4.0	19	MG/L	
		BICARBONATE AS CACO3	16-OCT-91	1.0	330	MG/L	
		CARBONATE AS CACO3	16-OCT-91	1.0	1	MG/L	U
		CHLORIDE	16-OCT-91	0.2	85	MG/L	
		FLUORIDE	16-OCT-91	0.1	0.6	MG/L	
		NITRATE/NITRITE	16-OCT-91	0.02	250	MG/L	
		ORTHOPHOSPHATE	16-OCT-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	16-OCT-91	0.4	6.8	MG/L	
		SULFATE	16-OCT-91	2.0	160	MG/L	
		TOTAL DISSOLVED SOLIDS	16-OCT-91	10.0	2200	MG/L	
		TOTAL SUSPENDED SOLIDS	16-OCT-91	4.0	34	MG/L	
		BICARBONATE AS CACO3	26-MAR-91	1.0	330	MG/L	
		CARBONATE AS CACO3	26-MAR-91	1.0	0	MG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		CHLORIDE	26-MAR-91	0.2	82	MG/L	
		FLUORIDE	26-MAR-91	0.1	0.7	MG/L	
		NITRATE/NITRITE	26-MAR-91	0.02	240	MG/L	
		ORTHOPHOSPHATE	26-MAR-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	26-MAR-91	0.4	6.4	MG/L	
		SULFATE	26-MAR-91	2.0	110	MG/L	
		TOTAL DISSOLVED SOLIDS	26-MAR-91	10.0	2400	MG/L	
		TOTAL SUSPENDED SOLIDS	26-MAR-91	4.0	21	MG/L	
P209589	RADS	TRITIUM	26-MAR-91	400	13850	PCI/L	
P209589	VOA	1,1,1-TRICHLOROETHANE	01-AUG-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	01-AUG-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	01-AUG-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	01-AUG-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	01-AUG-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	01-AUG-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	01-AUG-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	01-AUG-91	5	5	UG/L	U
		2-BUTANONE	01-AUG-91	10	10	UG/L	U
		2-HEXANONE	01-AUG-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	01-AUG-91	10	10	UG/L	U
		ACETONE	01-AUG-91	10	10	UG/L	U
		BENZENE	01-AUG-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	01-AUG-91	5	5	UG/L	U
		BROMOFORM	01-AUG-91	5	5	UG/L	U
		BROMOMETHANE	01-AUG-91	10	10	UG/L	U
		CARBON DISULFIDE	01-AUG-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	01-AUG-91	5	5	UG/L	U
		CHLOROBENZENE	01-AUG-91	5	5	UG/L	U
		CHLOROETHANE	01-AUG-91	10	10	UG/L	U
		CHLOROFORM	01-AUG-91	5	5	UG/L	U
		CHLOROMETHANE	01-AUG-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	01-AUG-91	5	5	UG/L	U
		ETHYLBENZENE	01-AUG-91	5	5	UG/L	U
		METHYLENE CHLORIDE	01-AUG-91	5	5	UG/L	U
		STYRENE	01-AUG-91	5	5	UG/L	U
		TETRACHLOROETHENE	01-AUG-91	5	5	UG/L	U
		TOLUENE	01-AUG-91	5	5	UG/L	U
		TOTAL XYLENES	01-AUG-91	5	5	UG/L	U
		TRICHLOROETHENE	01-AUG-91	5	5	UG/L	U
		VINYL ACETATE	01-AUG-91	10	10	UG/L	U
		VINYL CHLORIDE	01-AUG-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	01-AUG-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	01-AUG-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	04-OCT-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	04-OCT-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	04-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	04-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	04-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	04-OCT-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	04-OCT-91	5	5	UG/L	U
		2-BUTANONE	04-OCT-91	10	10	UG/L	U
		2-HEXANONE	04-OCT-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	04-OCT-91	10	10	UG/L	U
		ACETONE	04-OCT-91	10	10	UG/L	U
		BENZENE	04-OCT-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	04-OCT-91	5	5	UG/L	U
		BROMOFORM	04-OCT-91	5	5	UG/L	U
		BROMOMETHANE	04-OCT-91	10	10	UG/L	U
		CARBON DISULFIDE	04-OCT-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	04-OCT-91	5	5	UG/L	U
		CHLOROBENZENE	04-OCT-91	5	5	UG/L	U
		CHLOROETHANE	04-OCT-91	10	10	UG/L	U
		CHLOROFORM	04-OCT-91	5	5	UG/L	U
		CHLOROMETHANE	04-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	04-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	04-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	04-OCT-91	5	5	UG/L	U
		STYRENE	04-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	04-OCT-91	5	5	UG/L	U
		TOLUENE	04-OCT-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

ell ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		TOTAL XYLENES	04-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	04-OCT-91	5	5	UG/L	U
		VINYL ACETATE	04-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	04-OCT-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	04-OCT-91	5	5	UG/L	U
		trans-1,2-DICHLOROETHENE	04-OCT-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	04-OCT-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	06-JUN-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	06-JUN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	06-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	06-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	06-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	06-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	06-JUN-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	06-JUN-91	5	5	UG/L	U
		2-BUTANONE	06-JUN-91	10	10	UG/L	U
		2-HEXANONE	06-JUN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	06-JUN-91	10	10	UG/L	U
		ACETONE	06-JUN-91	10	9	UG/L	BJ
		BENZENE	06-JUN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	06-JUN-91	5	5	UG/L	U
		BROMOFORM	06-JUN-91	5	5	UG/L	U
		BROMOMETHANE	06-JUN-91	10	10	UG/L	U
		CARBON DISULFIDE	06-JUN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	06-JUN-91	5	5	UG/L	U
		CHLOROBENZENE	06-JUN-91	5	5	UG/L	U
		CHLOROETHANE	06-JUN-91	10	10	UG/L	U
		CHLOROFORM	06-JUN-91	5	5	UG/L	U
		CHLOROMETHANE	06-JUN-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	06-JUN-91	5	5	UG/L	U
		ETHYLBENZENE	06-JUN-91	5	5	UG/L	U
		METHYLENE CHLORIDE	06-JUN-91	5	5	UG/L	U
		STYRENE	06-JUN-91	5	5	UG/L	U
		TETRACHLOROETHENE	06-JUN-91	5	5	UG/L	U
		TOLUENE	06-JUN-91	5	5	UG/L	U
		TOTAL XYLENES	06-JUN-91	5	5	UG/L	U
		TRICHLOROETHENE	06-JUN-91	5	5	UG/L	U
		VINYL ACETATE	06-JUN-91	10	10	UG/L	U
		VINYL CHLORIDE	06-JUN-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	06-JUN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	06-JUN-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	26-MAR-91	5	5	UG/L	U
		2-BUTANONE	26-MAR-91	10	10	UG/L	U
		2-HEXANONE	26-MAR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	26-MAR-91	10	10	UG/L	U
		ACETONE	26-MAR-91	10	9	UG/L	J
		BENZENE	26-MAR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	26-MAR-91	5	5	UG/L	U
		BROMOFORM	26-MAR-91	5	5	UG/L	U
		BROMOMETHANE	26-MAR-91	10	10	UG/L	U
		CARBON DISULFIDE	26-MAR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	26-MAR-91	5	5	UG/L	U
		CHLOROBENZENE	26-MAR-91	5	5	UG/L	U
		CHLOROETHANE	26-MAR-91	10	10	UG/L	U
		CHLOROFORM	26-MAR-91	5	5	UG/L	U
		CHLOROMETHANE	26-MAR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	26-MAR-91	5	5	UG/L	U
		ETHYLBENZENE	26-MAR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	26-MAR-91	5	5	UG/L	U
		STYRENE	26-MAR-91	5	5	UG/L	U
		TETRACHLOROETHENE	26-MAR-91	5	5	UG/L	U
		TOLUENE	26-MAR-91	5	5	UG/L	U
		TOTAL XYLENES	26-MAR-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		TRICHLOROETHENE	26-MAR-91	5	5	UG/L	U
		VINYL ACETATE	26-MAR-91	10	10	UG/L	U
		VINYL CHLORIDE	26-MAR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	26-MAR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	26-MAR-91	5	5	UG/L	U
P209589	WQHP	NITRATE/NITRITE	01-AUG-91	0.02	4200	MG/L	
		NITRATE/NITRITE	04-OCT-91	0.02	5600	MG/L	
		ORTHOPHOSPHATE	04-OCT-91	0.01	0.01	MG/L	U
		BICARBONATE AS CACO3	06-JUN-91	1.0	130	MG/L	
		CARBONATE AS CACO3	06-JUN-91	1.0	1	MG/L	U
		CHLORIDE	06-JUN-91	0.2	780	MG/L	
		FLUORIDE	06-JUN-91	0.1	0.6	MG/L	
		SILICA, DISSOLVED	06-JUN-91	0.4	5.3	MG/L	
		SULFATE	06-JUN-91	2.0	540	MG/L	
		TOTAL DISSOLVED SOLIDS	06-JUN-91	10.0	37000	MG/L	
		TOTAL SUSPENDED SOLIDS	06-JUN-91	4.0	93	MG/L	
		BICARBONATE AS CACO3	26-MAR-91	1.0	140	MG/L	
		CARBONATE AS CACO3	26-MAR-91	1.0	0	MG/L	
		CHLORIDE	26-MAR-91	0.2	740	MG/L	
		FLUORIDE	26-MAR-91	0.1	0.6	MG/L	
		NITRATE/NITRITE	26-MAR-91	0.02	3600	MG/L	
		SILICA, DISSOLVED	26-MAR-91	0.4	6.0	MG/L	
		SULFATE	26-MAR-91	2.0	590	MG/L	
		TOTAL DISSOLVED SOLIDS	26-MAR-91	10.0	32000	MG/L	
		TOTAL SUSPENDED SOLIDS	26-MAR-91	4.0	86	MG/L	
P209689	METALS	ALUMINUM	13-JUN-91	200	61.30	UG/L	B
		ANTIMONY	13-JUN-91	60	20.60	UG/L	B
		ARSENIC	13-JUN-91	10	2.00	UG/L	U
		BARIUM	13-JUN-91	200	88.50	UG/L	B
		BERYLLIUM	13-JUN-91	5	1.00	UG/L	U
		CADMIUM	13-JUN-91	5	2.00	UG/L	U
		CALCIUM	13-JUN-91	5000	183000.00	UG/L	
		CESIUM	13-JUN-91	1000	112.00	UG/L	U
		CHROMIUM	13-JUN-91	10	4.60	UG/L	B
		COBALT	13-JUN-91	50	3.00	UG/L	U
		COPPER	13-JUN-91	25	11.00	UG/L	U
		CYANIDE	13-JUN-91	10	2.50	UG/L	U
		IRON	13-JUN-91	100	14.80	UG/L	B
		LEAD	13-JUN-91	3	1.00	UG/L	U
		LITHIUM	13-JUN-91	100	99.00	UG/L	B
		MAGNESIUM	13-JUN-91	5000	30200.00	UG/L	
		MANGANESE	13-JUN-91	15	16.80	UG/L	
		MERCURY	13-JUN-91	0	0.20	UG/L	U
		MOLYBDENUM	13-JUN-91	200	2.00	UG/L	U
		NICKEL	13-JUN-91	40	9.30	UG/L	B
		POTASSIUM	13-JUN-91	5000	56200.00	UG/L	
		SELENIUM	13-JUN-91	5	2.00	UG/L	UW
		SILVER	13-JUN-91	10	2.00	UG/L	U
		SODIUM	13-JUN-91	5000	291000.00	UG/L	
		STRONTIUM	13-JUN-91	200	852.00	UG/L	
		THALLIUM	13-JUN-91	10	1.00	UG/L	U
		TIN	13-JUN-91	200	22.80	UG/L	B
		VANADIUM	13-JUN-91	50	2.00	UG/L	U
		ZINC	13-JUN-91	20	17.30	UG/L	B
P209689	VOA	1,1,1-TRICHLOROETHANE	13-JUN-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	13-JUN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	13-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	13-JUN-91	5	1	UG/L	J
		1,1-DICHLOROETHENE	13-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	13-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	13-JUN-91	5	11	UG/L	
		1,2-DICHLOROPROPANE	13-JUN-91	5	5	UG/L	U
		2-BUTANONE	13-JUN-91	10	10	UG/L	U
		2-HEXANONE	13-JUN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	13-JUN-91	10	10	UG/L	U
		ACETONE	13-JUN-91	10	10	UG/L	U
		BENZENE	13-JUN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	13-JUN-91	5	5	UG/L	U
		BROMOFORM	13-JUN-91	5	5	UG/L	U
		BROMOMETHANE	13-JUN-91	10	10	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		CARBON DISULFIDE	13-JUN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	13-JUN-91	5	82	UG/L	
		CHLOROBENZENE	13-JUN-91	5	5	UG/L	U
		CHLOROETHANE	13-JUN-91	10	10	UG/L	U
		CHLOROFORM	13-JUN-91	5	20	UG/L	
		CHLOROMETHANE	13-JUN-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	13-JUN-91	5	5	UG/L	U
		ETHYLBENZENE	13-JUN-91	5	5	UG/L	U
		METHYLENE CHLORIDE	13-JUN-91	5	2	UG/L	BJ
		STYRENE	13-JUN-91	5	5	UG/L	U
		TETRACHLOROETHENE	13-JUN-91	5	6	UG/L	
		TOLUENE	13-JUN-91	5	5	UG/L	U
		TOTAL XYLENES	13-JUN-91	5	5	UG/L	U
		TRICHLOROETHENE	13-JUN-91	5	83	UG/L	
		VINYL ACETATE	13-JUN-91	10	10	UG/L	U
		VINYL CHLORIDE	13-JUN-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	13-JUN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	13-JUN-91	5	5	UG/L	U
P209689	WQHP	BICARBONATE AS CACO3	13-JUN-91	1.0	300	MG/L	
		CARBONATE AS CACO3	13-JUN-91	1.0	1	MG/L	U
		CHLORIDE	13-JUN-91	0.2	77	MG/L	
		FLUORIDE	13-JUN-91	0.1	0.6	MG/L	
		NITRATE/NITRITE	13-JUN-91	0.02	110	MG/L	
		ORTHOPHOSPHATE	13-JUN-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	13-JUN-91	0.4	6.6	MG/L	
		SULFATE	13-JUN-91	2.0	120	MG/L	
		TOTAL DISSOLVED SOLIDS	13-JUN-91	10.0	2300	MG/L	
		TOTAL SUSPENDED SOLIDS	13-JUN-91	4.0	37	MG/L	
P209889	METALS	ALUMINUM	05-JUN-91	200	358.00	UG/L	
		ANTIMONY	05-JUN-91	60	276.00	UG/L	
		ARSENIC	05-JUN-91	10	2.00	UG/L	U
		BARIUM	05-JUN-91	200	168.00	UG/L	B
		BERYLLIUM	05-JUN-91	5	3.30	UG/L	B
		CADMIUM	05-JUN-91	5	2.00	UG/L	U
		CALCIUM	05-JUN-91	5000	1700000.0	UG/L	
		CESIUM	05-JUN-91	1000	150.00	UG/L	B
		CHROMIUM	05-JUN-91	10	26.70	UG/L	
		COBALT	05-JUN-91	50	17.20	UG/L	B
		COPPER	05-JUN-91	25	16.60	UG/L	B
		CYANIDE	05-JUN-91	10	2.50	UG/L	U
		IRON	05-JUN-91	100	75.40	UG/L	B
		LEAD	05-JUN-91	3	1.00	UG/L	UW
		LITHIUM	05-JUN-91	100	1680.00	UG/L	
		MAGNESIUM	05-JUN-91	5000	646000.00	UG/L	
		MANGANESE	05-JUN-91	15	23.00	UG/L	
		MERCURY	05-JUN-91	0	0.20	UG/L	U
		MOLYBDENUM	05-JUN-91	200	6.90	UG/L	B
		NICKEL	05-JUN-91	40	17.70	UG/L	B
		POTASSIUM	05-JUN-91	5000	7910.00	UG/L	E
		SELENIUM	05-JUN-91	5	30.00	UG/L	BW
		SILVER	05-JUN-91	10	2.00	UG/L	U
		SODIUM	05-JUN-91	5000	1910000.0	UG/L	
		STRONTIUM	05-JUN-91	200	23000.00	UG/L	
		THALLIUM	05-JUN-91	10	1.00	UG/L	UN
		TIN	05-JUN-91	200	10.00	UG/L	U
		VANADIUM	05-JUN-91	50	2.00	UG/L	U
		ZINC	05-JUN-91	20	22.00	UG/L	
		ALUMINUM	07-AUG-91	200	359.00	UG/L	
		ALUMINUM	07-AUG-91	200	403.00	UG/L	
		ANTIMONY	07-AUG-91	60	403.00	UG/L	
		ANTIMONY	07-AUG-91	60	392.00	UG/L	
		ARSENIC	07-AUG-91	10	2.00	UG/L	U
		ARSENIC	07-AUG-91	10	2.00	UG/L	U
		BARIUM	07-AUG-91	200	178.00	UG/L	B
		BARIUM	07-AUG-91	200	174.00	UG/L	B
		BERYLLIUM	07-AUG-91	5	3.60	UG/L	B
		BERYLLIUM	07-AUG-91	5	3.50	UG/L	B
		CADMIUM	07-AUG-91	5	11.50	UG/L	
		CADMIUM	07-AUG-91	5	9.50	UG/L	
		CALCIUM	07-AUG-91	5000	1690000.0	UG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

ll ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		CALCIUM	07-AUG-91	5000	1780000.0	UG/L	
		CESIUM	07-AUG-91	1000	32.00	UG/L	U
		CESIUM	07-AUG-91	1000	60.00	UG/L	B
		CHROMIUM	07-AUG-91	10	60.50	UG/L	
		CHROMIUM	07-AUG-91	10	55.20	UG/L	
		COBALT	07-AUG-91	50	31.40	UG/L	B
		COBALT	07-AUG-91	50	27.10	UG/L	B
		COPPER	07-AUG-91	25	28.50	UG/L	
		COPPER	07-AUG-91	25	27.90	UG/L	
		CYANIDE	07-AUG-91	10	2.00	UG/L	U
		IRON	07-AUG-91	100	95.30	UG/L	B
		IRON	07-AUG-91	100	133.00	UG/L	
		LEAD	07-AUG-91	3	1.00	UG/L	UW
		LEAD	07-AUG-91	3	1.00	UG/L	UW
		LITHIUM	07-AUG-91	100	1720.00	UG/L	
		LITHIUM	07-AUG-91	100	1660.00	UG/L	
		MAGNESIUM	07-AUG-91	5000	685000.00	UG/L	
		MAGNESIUM	07-AUG-91	5000	621000.00	UG/L	
		MANGANESE	07-AUG-91	15	24.00	UG/L	
		MANGANESE	07-AUG-91	15	25.20	UG/L	
		MERCURY	07-AUG-91	0	0.20	UG/L	U
		MERCURY	07-AUG-91	0	0.20	UG/L	U
		MOLYBDENUM	07-AUG-91	200	41.10	UG/L	B
		MOLYBDENUM	07-AUG-91	200	36.40	UG/L	B
		NICKEL	07-AUG-91	40	39.40	UG/L	B
		NICKEL	07-AUG-91	40	37.10	UG/L	B
		POTASSIUM	07-AUG-91	5000	8450.00	UG/L	
		POTASSIUM	07-AUG-91	5000	8270.00	UG/L	
		SELENIUM	07-AUG-91	5	30.00	UG/L	B
		SELENIUM	07-AUG-91	5	30.00	UG/L	B
		SILVER	07-AUG-91	10	2.00	UG/L	U
		SILVER	07-AUG-91	10	2.00	UG/L	U
		SODIUM	07-AUG-91	5000	1900000.0	UG/L	
		SODIUM	07-AUG-91	5000	2010000.0	UG/L	
		STRONTIUM	07-AUG-91	200	21000.00	UG/L	
		STRONTIUM	07-AUG-91	200	21000.00	UG/L	
		THALLIUM	07-AUG-91	10	2.00	UG/L	UW
		THALLIUM	07-AUG-91	10	2.00	UG/L	UW
		TIN	07-AUG-91	200	327.00	UG/L	
		TIN	07-AUG-91	200	223.00	UG/L	
		VANADIUM	07-AUG-91	50	2.00	UG/L	U
		VANADIUM	07-AUG-91	50	2.00	UG/L	U
		ZINC	07-AUG-91	20	22.90	UG/L	
		ZINC	07-AUG-91	20	29.30	UG/L	
		ALUMINUM	15-OCT-91	200	385.00	UG/L	
		ALUMINUM	15-OCT-91	200	592.00	UG/L	*
		ANTIMONY	15-OCT-91	60	89.60	UG/L	
		ANTIMONY	15-OCT-91	60	124.00	UG/L	N
		ARSENIC	15-OCT-91	10	2.00	UG/L	B
		ARSENIC	15-OCT-91	10	2.00	UG/L	UN
		BARIUM	15-OCT-91	200	175.00	UG/L	B
		BARIUM	15-OCT-91	200	178.00	UG/L	B*
		BERYLLIUM	15-OCT-91	5	3.00	UG/L	B
		BERYLLIUM	15-OCT-91	5	2.60	UG/L	B
		CADMIUM	15-OCT-91	5	30.00	UG/L	
		CADMIUM	15-OCT-91	5	29.90	UG/L	
		CALCIUM	15-OCT-91	5000	1770000.0	UG/L	
		CALCIUM	15-OCT-91	5000	1650000.0	UG/L	*
		CESIUM	15-OCT-91	1000	51.00	UG/L	U
		CESIUM	15-OCT-91	1000	51.00	UG/L	U
		CHROMIUM	15-OCT-91	10	57.40	UG/L	
		CHROMIUM	15-OCT-91	10	59.70	UG/L	N*
		COBALT	15-OCT-91	50	23.50	UG/L	B
		COBALT	15-OCT-91	50	26.20	UG/L	B
		COPPER	15-OCT-91	25	32.60	UG/L	
		COPPER	15-OCT-91	25	34.10	UG/L	*
		CYANIDE	15-OCT-91	10	2.00	UG/L	U
		IRON	15-OCT-91	100	88.90	UG/L	B
		IRON	15-OCT-91	100	362.00	UG/L	*
		LEAD	15-OCT-91	3	1.00	UG/L	UW

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		LEAD	15-OCT-91	3	1.60	UG/L	BWN*
		LITHIUM	15-OCT-91	100	1490.00	UG/L	
		LITHIUM	15-OCT-91	100	1370.00	UG/L	
		MAGNESIUM	15-OCT-91	5000	612000.00	UG/L	
		MAGNESIUM	15-OCT-91	5000	598000.00	UG/L	*
		MANGANESE	15-OCT-91	15	42.60	UG/L	
		MANGANESE	15-OCT-91	15	48.20	UG/L	N*
		MERCURY	15-OCT-91	0	0.20	UG/L	U
		MERCURY	15-OCT-91	0	0.20	UG/L	UN
		MOLYBDENUM	15-OCT-91	200	17.80	UG/L	B
		MOLYBDENUM	15-OCT-91	200	24.70	UG/L	B
		NICKEL	15-OCT-91	40	35.30	UG/L	B
		NICKEL	15-OCT-91	40	38.40	UG/L	B*
		POTASSIUM	15-OCT-91	5000	8990.00	UG/L	
		POTASSIUM	15-OCT-91	5000	8420.00	UG/L	
		SELENIUM	15-OCT-91	5	50.00	UG/L	
		SELENIUM	15-OCT-91	5	2.00	UG/L	UW
		SILVER	15-OCT-91	10	2.00	UG/L	U
		SILVER	15-OCT-91	10	2.00	UG/L	U
		SODIUM	15-OCT-91	5000	1900000.0	UG/L	
		SODIUM	15-OCT-91	5000	1860000.0	UG/L	
		STRONTIUM	15-OCT-91	200	22400.00	UG/L	
		STRONTIUM	15-OCT-91	200	21700.00	UG/L	
		THALLIUM	15-OCT-91	10	1.00	UG/L	BW
		THALLIUM	15-OCT-91	10	1.00	UG/L	U
		TIN	15-OCT-91	200	17.00	UG/L	U
		TIN	15-OCT-91	200	17.00	UG/L	U
		VANADIUM	15-OCT-91	50	30.40	UG/L	B
		VANADIUM	15-OCT-91	50	32.30	UG/L	BN*
		ZINC	15-OCT-91	20	24.80	UG/L	
		ZINC	15-OCT-91	20	43.10	UG/L	*
		ALUMINUM	26-MAR-91	200	486.00	UG/L	
		ANTIMONY	26-MAR-91	60	84.50	UG/L	
		ARSENIC	26-MAR-91	10	2.00	UG/L	UW
		BARIUM	26-MAR-91	200	169.00	UG/L	B
		BERYLLIUM	26-MAR-91	5	3.30	UG/L	B
		CADMIUM	26-MAR-91	5	10.50	UG/L	
		CALCIUM	26-MAR-91	5000	1700000.0	UG/L	
		CESIUM	26-MAR-91	1000	112.00	UG/L	U
		CHROMIUM	26-MAR-91	10	47.20	UG/L	
		COBALT	26-MAR-91	50	38.10	UG/L	B
		COPPER	26-MAR-91	25	27.40	UG/L	
		CYANIDE	26-MAR-91	10	3.50	UG/L	U
		IRON	26-MAR-91	100	115.00	UG/L	
		LEAD	26-MAR-91	3	1.00	UG/L	UW
		LITHIUM	26-MAR-91	100	1420.00	UG/L	
		MAGNESIUM	26-MAR-91	5000	633000.00	UG/L	
		MANGANESE	26-MAR-91	15	26.90	UG/L	
		MERCURY	26-MAR-91	0	0.25	UG/L	
		MOLYBDENUM	26-MAR-91	200	32.30	UG/L	B
		NICKEL	26-MAR-91	40	45.60	UG/L	
		POTASSIUM	26-MAR-91	5000	8780.00	UG/L	
		SELENIUM	26-MAR-91	5	50.00	UG/L	
		SILVER	26-MAR-91	10	23.80	UG/L	
		SODIUM	26-MAR-91	5000	1740000.0	UG/L	
		STRONTIUM	26-MAR-91	200	22700.00	UG/L	
		THALLIUM	26-MAR-91	10	3.00	UG/L	UW
		TIN	26-MAR-91	200	156.00	UG/L	B
		VANADIUM	26-MAR-91	50	39.70	UG/L	B
		ZINC	26-MAR-91	20	2.00	UG/L	U
P209889	RADS	AMERICIUM-241	07-AUG-91	.01	.00483	PCI/L	J
		CESIUM-137	07-AUG-91	1	-.304	PCI/L	J
		GROSS ALPHA - DISSOLVED	07-AUG-91	2	37.69	PCI/L	
		GROSS BETA - DISSOLVED	07-AUG-91	4	8.565	PCI/L	
		PLUTONIUM-239/240	07-AUG-91	.01	.001999	PCI/L	J
		RADIUM-226	07-AUG-91	.5	3.799	PCI/L	
		RADIUM-228	07-AUG-91	1	6.019	PCI/L	
		STRONTIUM-89,90	07-AUG-91	1	.1759	PCI/L	J
		TRITIUM	07-AUG-91	400	6880	PCI/L	
		URANIUM-233,-234	07-AUG-91	.6	33.91	PCI/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		URANIUM-235	07-AUG-91	.6	.9974	PCI/L	
		URANIUM-238	07-AUG-91	.6	24.14	PCI/L	
		AMERICIUM-241	26-MAR-91	.01	.004427	PCI/L	J
		CESIUM-137	26-MAR-91	1	.355	PCI/L	J
		GROSS ALPHA - DISSOLVED	26-MAR-91	2	57.05	PCI/L	
		GROSS BETA - DISSOLVED	26-MAR-91	4	34.03	PCI/L	
		PLUTONIUM-239/240	26-MAR-91	.01	.004102	PCI/L	J
		RADIUM-226	26-MAR-91	.5	6.265	PCI/L	
		RADIUM-228	26-MAR-91	1	5.667	PCI/L	
		STRONTIUM-89,90	26-MAR-91	1	1.147	PCI/L	
		TRITIUM	26-MAR-91	400	6597	PCI/L	
		URANIUM-233,-234	26-MAR-91	.6	40.73	PCI/L	
		URANIUM-235	26-MAR-91	.6	.7368	PCI/L	
		URANIUM-238	26-MAR-91	.6	26.84	PCI/L	
P209889	VOA	1,1,1-TRICHLOROETHANE	05-JUN-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	05-JUN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	05-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	05-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	05-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	05-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	05-JUN-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	05-JUN-91	5	5	UG/L	U
		2-BUTANONE	05-JUN-91	10	10	UG/L	U
		2-HEXANONE	05-JUN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	05-JUN-91	10	10	UG/L	U
		ACETONE	05-JUN-91	10	10	UG/L	U
		BENZENE	05-JUN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	05-JUN-91	5	5	UG/L	U
		BROMOFORM	05-JUN-91	5	5	UG/L	U
		BROMOMETHANE	05-JUN-91	10	10	UG/L	U
		CARBON DISULFIDE	05-JUN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	05-JUN-91	5	5	UG/L	U
		CHLOROBENZENE	05-JUN-91	5	5	UG/L	U
		CHLOROETHANE	05-JUN-91	10	10	UG/L	U
		CHLOROFORM	05-JUN-91	5	5	UG/L	U
		CHLOROMETHANE	05-JUN-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	05-JUN-91	5	5	UG/L	U
		ETHYLBENZENE	05-JUN-91	5	5	UG/L	U
		METHYLENE CHLORIDE	05-JUN-91	5	1	UG/L	BJ
		STYRENE	05-JUN-91	5	5	UG/L	U
		TETRACHLOROETHENE	05-JUN-91	5	5	UG/L	U
		TOLUENE	05-JUN-91	5	5	UG/L	U
		TOTAL XYLENES	05-JUN-91	5	5	UG/L	U
		TRICHLOROETHENE	05-JUN-91	5	5	UG/L	U
		VINYL ACETATE	05-JUN-91	10	10	UG/L	U
		VINYL CHLORIDE	05-JUN-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	05-JUN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	05-JUN-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	07-AUG-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	07-AUG-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	07-AUG-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	07-AUG-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	07-AUG-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	07-AUG-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	07-AUG-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	07-AUG-91	5	5	UG/L	U
		2-BUTANONE	07-AUG-91	10	10	UG/L	U
		2-HEXANONE	07-AUG-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	07-AUG-91	10	10	UG/L	U
		ACETONE	07-AUG-91	10	5	UG/L	J
		BENZENE	07-AUG-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	07-AUG-91	5	5	UG/L	U
		BROMOFORM	07-AUG-91	5	5	UG/L	U
		BROMOMETHANE	07-AUG-91	10	10	UG/L	U
		CARBON DISULFIDE	07-AUG-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	07-AUG-91	5	5	UG/L	U
		CHLOROBENZENE	07-AUG-91	5	5	UG/L	U
		CHLOROETHANE	07-AUG-91	10	10	UG/L	U
		CHLOROFORM	07-AUG-91	5	5	UG/L	U
		CHLOROMETHANE	07-AUG-91	10	10	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		DIBROMOCHLOROMETHANE	07-AUG-91	5	5	UG/L	U
		ETHYLBENZENE	07-AUG-91	5	5	UG/L	U
		METHYLENE CHLORIDE	07-AUG-91	5	5	UG/L	U
		STYRENE	07-AUG-91	5	5	UG/L	U
		TETRACHLOROETHENE	07-AUG-91	5	5	UG/L	U
		TOLUENE	07-AUG-91	5	5	UG/L	U
		TOTAL XYLENES	07-AUG-91	5	5	UG/L	U
		TRICHLOROETHENE	07-AUG-91	5	5	UG/L	U
		VINYL ACETATE	07-AUG-91	10	10	UG/L	U
		VINYL CHLORIDE	07-AUG-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	07-AUG-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	07-AUG-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	15-OCT-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	15-OCT-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	15-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	15-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	15-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	15-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	15-OCT-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	15-OCT-91	5	5	UG/L	U
		2-BUTANONE	15-OCT-91	10	10	UG/L	U
		2-HEXANONE	15-OCT-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	15-OCT-91	10	10	UG/L	U
		ACETONE	15-OCT-91	10	10	UG/L	U
		BENZENE	15-OCT-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	15-OCT-91	5	5	UG/L	U
		BROMOFORM	15-OCT-91	5	5	UG/L	U
		BROMOMETHANE	15-OCT-91	10	10	UG/L	U
		CARBON DISULFIDE	15-OCT-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	15-OCT-91	5	5	UG/L	U
		CHLOROBENZENE	15-OCT-91	5	5	UG/L	U
		CHLOROETHANE	15-OCT-91	10	10	UG/L	U
		CHLOROFORM	15-OCT-91	5	5	UG/L	U
		CHLOROMETHANE	15-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	15-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	15-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	15-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	15-OCT-91	5	5	UG/L	U
		STYRENE	15-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	15-OCT-91	5	5	UG/L	U
		TOLUENE	15-OCT-91	5	5	UG/L	U
		TOTAL XYLENES	15-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	15-OCT-91	5	5	UG/L	U
		VINYL ACETATE	15-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	15-OCT-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	15-OCT-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	15-OCT-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	26-MAR-91	5	5	UG/L	U
		2-BUTANONE	26-MAR-91	10	10	UG/L	U
		2-HEXANONE	26-MAR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	26-MAR-91	10	10	UG/L	U
		ACETONE	26-MAR-91	10	10	UG/L	
		BENZENE	26-MAR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	26-MAR-91	5	5	UG/L	U
		BROMOFORM	26-MAR-91	5	5	UG/L	U
		BROMOMETHANE	26-MAR-91	10	10	UG/L	U
		CARBON DISULFIDE	26-MAR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	26-MAR-91	5	5	UG/L	U
		CHLOROBENZENE	26-MAR-91	5	5	UG/L	U
		CHLOROETHANE	26-MAR-91	10	10	UG/L	U
		CHLOROFORM	26-MAR-91	5	5	UG/L	U
		CHLOROMETHANE	26-MAR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	26-MAR-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		ETHYLBENZENE	26-MAR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	26-MAR-91	5	5	UG/L	U
		STYRENE	26-MAR-91	5	5	UG/L	U
		TETRACHLOROETHENE	26-MAR-91	5	5	UG/L	U
		TOLUENE	26-MAR-91	5	5	UG/L	U
		TOTAL XYLENES	26-MAR-91	5	5	UG/L	U
		TRICHLOROETHENE	26-MAR-91	5	5	UG/L	U
		VINYL ACETATE	26-MAR-91	10	10	UG/L	U
		VINYL CHLORIDE	26-MAR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	26-MAR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	26-MAR-91	5	5	UG/L	U
P209889	WQHP	BICARBONATE AS CACO3	05-JUN-91	1.0	180	MG/L	
		CARBONATE AS CACO3	05-JUN-91	1.0	1	MG/L	U
		CHLORIDE	05-JUN-91	0.2	430	MG/L	
		FLUORIDE	05-JUN-91	0.1	1.3	MG/L	
		NITRATE/NITRITE	05-JUN-91	0.02	2700	MG/L	
		ORTHOPHOSPHATE	05-JUN-91	0.01	0.01	MG/L	U
		SILICA, DISSOLVED	05-JUN-91	0.4	6.2	MG/L	
		SULFATE	05-JUN-91	2.0	330	MG/L	
		TOTAL DISSOLVED SOLIDS	05-JUN-91	10.0	21000	MG/L	
		TOTAL SUSPENDED SOLIDS	05-JUN-91	4.0	4	MG/L	U
		BICARBONATE AS CACO3	07-AUG-91	1.0	180	MG/L	
		CARBONATE AS CACO3	07-AUG-91	1.0	1	MG/L	U
		CHLORIDE	07-AUG-91	0.2	430	MG/L	
		FLUORIDE	07-AUG-91	0.1	1.3	MG/L	
		NITRATE/NITRITE	07-AUG-91	0.02	2300	MG/L	
		ORTHOPHOSPHATE	07-AUG-91	0.01	0.02	MG/L	
		SILICA, DISSOLVED	07-AUG-91	0.4	6.4	MG/L	
		SULFATE	07-AUG-91	2.0	630	MG/L	
		TOTAL DISSOLVED SOLIDS	07-AUG-91	10.0	17000	MG/L	
		TOTAL SUSPENDED SOLIDS	07-AUG-91	4.0	45	MG/L	
		BICARBONATE AS CACO3	15-OCT-91	1.0	190	MG/L	
		CARBONATE AS CACO3	15-OCT-91	1.0	1	MG/L	U
		CHLORIDE	15-OCT-91	0.2	430	MG/L	
		FLUORIDE	15-OCT-91	0.1	1.3	MG/L	
		NITRATE/NITRITE	15-OCT-91	0.02	2300	MG/L	
		ORTHOPHOSPHATE	15-OCT-91	0.01	0.01	MG/L	
		SILICA, DISSOLVED	15-OCT-91	0.4	6.9	MG/L	
		SULFATE	15-OCT-91	2.0	750	MG/L	
		TOTAL DISSOLVED SOLIDS	15-OCT-91	10.0	17000	MG/L	
		TOTAL SUSPENDED SOLIDS	15-OCT-91	4.0	30	MG/L	
		BICARBONATE AS CACO3	26-MAR-91	1.0	160	MG/L	
		CARBONATE AS CACO3	26-MAR-91	1.0	0	MG/L	
		CHLORIDE	26-MAR-91	0.2	440	MG/L	
		FLUORIDE	26-MAR-91	0.1	1.4	MG/L	
		NITRATE/NITRITE	26-MAR-91	0.02	2000	MG/L	
		ORTHOPHOSPHATE	26-MAR-91	0.01	0.01	MG/L	
		SILICA, DISSOLVED	26-MAR-91	0.4	6.1	MG/L	
		SULFATE	26-MAR-91	2.0	460	MG/L	
		TOTAL DISSOLVED SOLIDS	26-MAR-91	10.0	17000	MG/L	
		TOTAL SUSPENDED SOLIDS	26-MAR-91	4.0	11	MG/L	
P210089	METALS	ALUMINUM	09-JUL-91	200	147.00	UG/L	B*
		ANTIMONY	09-JUL-91	60	117.00	UG/L	N
		ARSENIC	09-JUL-91	10	2.00	UG/L	B
		BARIUM	09-JUL-91	200	36.20	UG/L	BE
		BERYLLIUM	09-JUL-91	5	1.70	UG/L	B
		CADMIUM	09-JUL-91	5	2.70	UG/L	B
		CALCIUM	09-JUL-91	5000	460000.00	UG/L	
		CESIUM	09-JUL-91	1000	112.00	UG/L	U
		CHROMIUM	09-JUL-91	10	31.10	UG/L	
		COBALT	09-JUL-91	50	6.90	UG/L	B
		COPPER	09-JUL-91	25	8.40	UG/L	B
		IRON	09-JUL-91	100	114.00	UG/L	
		LEAD	09-JUL-91	3	1.00	UG/L	UW
		LITHIUM	09-JUL-91	100	391.00	UG/L	
		MAGNESIUM	09-JUL-91	5000	126000.00	UG/L	
		MANGANESE	09-JUL-91	15	2.30	UG/L	B
		MERCURY	09-JUL-91	0	0.20	UG/L	U
		MOLYBDENUM	09-JUL-91	200	13.20	UG/L	B
		NICKEL	09-JUL-91	40	23.20	UG/L	B

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		POTASSIUM	09-JUL-91	5000	8260.00	UG/L	
		SELENIUM	09-JUL-91	5	1100.00	UG/L	
		SILVER	09-JUL-91	10	2.00	UG/L	U
		SODIUM	09-JUL-91	5000	343000.00	UG/L	
		STRONTIUM	09-JUL-91	200	4180.00	UG/L	
		THALLIUM	09-JUL-91	10	2.00	UG/L	U
		TIN	09-JUL-91	200	102.00	UG/L	B
		VANADIUM	09-JUL-91	50	4.10	UG/L	B
		ZINC	09-JUL-91	20	22.90	UG/L	
		ALUMINUM	09-OCT-91	200	162.00	UG/L	B
		ANTIMONY	09-OCT-91	60	92.70	UG/L	
		ARSENIC	09-OCT-91	10	2.00	UG/L	U
		BARIUM	09-OCT-91	200	32.90	UG/L	B
		BERYLLIUM	09-OCT-91	5	1.00	UG/L	U
		CADMIUM	09-OCT-91	5	8.80	UG/L	
		CALCIUM	09-OCT-91	5000	461000.00	UG/L	
		CESIUM	09-OCT-91	1000	51.00	UG/L	U
		CHROMIUM	09-OCT-91	10	34.00	UG/L	
		COBALT	09-OCT-91	50	7.80	UG/L	B
		COPPER	09-OCT-91	25	10.60	UG/L	B
		IRON	09-OCT-91	100	41.80	UG/L	B
		LEAD	09-OCT-91	3	1.00	UG/L	U
		LITHIUM	09-OCT-91	100	361.00	UG/L	
		MAGNESIUM	09-OCT-91	5000	124000.00	UG/L	
		MANGANESE	09-OCT-91	15	4.60	UG/L	B
		MERCURY	09-OCT-91	0	0.20	UG/L	U
		MOLYBDENUM	09-OCT-91	200	13.90	UG/L	B
		NICKEL	09-OCT-91	40	21.20	UG/L	B
		POTASSIUM	09-OCT-91	5000	8720.00	UG/L	
		SELENIUM	09-OCT-91	5	1200.00	UG/L	
		SILVER	09-OCT-91	10	2.00	UG/L	U
		SODIUM	09-OCT-91	5000	337000.00	UG/L	
		STRONTIUM	09-OCT-91	200	4390.00	UG/L	
		THALLIUM	09-OCT-91	10	1.00	UG/L	U
		TIN	09-OCT-91	200	82.50	UG/L	B
		VANADIUM	09-OCT-91	50	17.30	UG/L	B
		ZINC	09-OCT-91	20	44.80	UG/L	
		ALUMINUM	19-APR-91	200	120.00	UG/L	B
		ANTIMONY	19-APR-91	60	6.00	UG/L	U
		ARSENIC	19-APR-91	10	2.00	UG/L	U
		BARIUM	19-APR-91	200	33.80	UG/L	B
		BERYLLIUM	19-APR-91	5	1.00	UG/L	U
		CADMIUM	19-APR-91	5	2.00	UG/L	U
		CALCIUM	19-APR-91	5000	492000.00	UG/L	
		CESIUM	19-APR-91	1000	112.00	UG/L	U
		CHROMIUM	19-APR-91	10	3.00	UG/L	U
		COBALT	19-APR-91	50	3.00	UG/L	U
		COPPER	19-APR-91	25	11.00	UG/L	U
		CYANIDE	19-APR-91	10	2.50	UG/L	U
		IRON	19-APR-91	100	227.00	UG/L	*
		LEAD	19-APR-91	3	1.00	UG/L	U
		LITHIUM	19-APR-91	100	415.00	UG/L	
		MAGNESIUM	19-APR-91	5000	130000.00	UG/L	
		MANGANESE	19-APR-91	15	11.90	UG/L	B
		MERCURY	19-APR-91	0	0.20	UG/L	U
		MOLYBDENUM	19-APR-91	200	8.80	UG/L	B
		NICKEL	19-APR-91	40	44.50	UG/L	
		POTASSIUM	19-APR-91	5000	8440.00	UG/L	
		SELENIUM	19-APR-91	5	1200.00	UG/L	
		SILVER	19-APR-91	10	2.00	UG/L	U
		SODIUM	19-APR-91	5000	354000.00	UG/L	
		STRONTIUM	19-APR-91	200	4470.00	UG/L	
		THALLIUM	19-APR-91	10	1.00	UG/L	UWN
		TIN	19-APR-91	200	42.60	UG/L	B
		VANADIUM	19-APR-91	50	2.00	UG/L	U
		ZINC	19-APR-91	20	24.10	UG/L	
		ALUMINUM	22-JAN-91	200	208.00	UG/L	
		ANTIMONY	22-JAN-91	60	90.10	UG/L	
		ARSENIC	22-JAN-91	10	2.00	UG/L	U
		BARIUM	22-JAN-91	200	35.10	UG/L	B

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		BERYLLIUM	22-JAN-91	5	1.20	UG/L	B
		CADMIUM	22-JAN-91	5	9.70	UG/L	
		CALCIUM	22-JAN-91	5000	480000.00	UG/L	
		CESIUM	22-JAN-91	1000	76.00	UG/L	U
		CHROMIUM	22-JAN-91	10	62.60	UG/L	
		COBALT	22-JAN-91	50	25.40	UG/L	B
		COPPER	22-JAN-91	25	7.00	UG/L	B
		IRON	22-JAN-91	100	126.00	UG/L	
		LEAD	22-JAN-91	3	1.00	UG/L	UW
		LITHIUM	22-JAN-91	100	367.00	UG/L	
		MAGNESIUM	22-JAN-91	5000	121000.00	UG/L	
		MANGANESE	22-JAN-91	15	25.90	UG/L	
		MERCURY	22-JAN-91	0	0.20	UG/L	U
		MOLYBDENUM	22-JAN-91	200	40.30	UG/L	
		NICKEL	22-JAN-91	40	124.00	UG/L	
		POTASSIUM	22-JAN-91	5000	8830.00	UG/L	E
		SELENIUM	22-JAN-91	5	1000.00	UG/L	
		SILVER	22-JAN-91	10	13.30	UG/L	
		SODIUM	22-JAN-91	5000	342000.00	UG/L	E
		STRONTIUM	22-JAN-91	200	4330.00	UG/L	
		THALLIUM	22-JAN-91	10	3.00	UG/L	U
		TIN	22-JAN-91	200	134.00	UG/L	
		VANADIUM	22-JAN-91	50	26.90	UG/L	B
		ZINC	22-JAN-91	20	39.00	UG/L	
P210089	RADS	GROSS ALPHA - DISSOLVED	19-APR-91	2	9.946	PCI/L	
		GROSS BETA - DISSOLVED	19-APR-91	4	10.04	PCI/L	
		TRITIUM	19-APR-91	400	-141	PCI/L	J
		URANIUM-233,-234	19-APR-91	.6	3.964	PCI/L	
		URANIUM-235	19-APR-91	.6	0	PCI/L	J
		URANIUM-238	19-APR-91	.6	2.673	PCI/L	
		GROSS ALPHA - DISSOLVED	22-JAN-91	2	8.692	PCI/L	
		GROSS BETA - DISSOLVED	22-JAN-91	4	7.844	PCI/L	
		TRITIUM	22-JAN-91	400	71.12	PCI/L	J
		URANIUM-233,-234	22-JAN-91	.6	3.759	PCI/L	
		URANIUM-235	22-JAN-91	.6	.08153	PCI/L	J
		URANIUM-238	22-JAN-91	.6	2.546	PCI/L	
P210089	VOA	1,1,1-TRICHLOROETHANE	09-JUL-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	09-JUL-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	09-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	09-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	09-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	09-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	09-JUL-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	09-JUL-91	5	5	UG/L	U
		2-BUTANONE	09-JUL-91	10	10	UG/L	U
		2-HEXANONE	09-JUL-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	09-JUL-91	10	10	UG/L	U
		ACETONE	09-JUL-91	10	10	UG/L	U
		BENZENE	09-JUL-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	09-JUL-91	5	5	UG/L	U
		BROMOFORM	09-JUL-91	5	5	UG/L	U
		BROMOMETHANE	09-JUL-91	10	10	UG/L	U
		CARBON DISULFIDE	09-JUL-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	09-JUL-91	5	5	UG/L	U
		CHLOROBENZENE	09-JUL-91	5	5	UG/L	U
		CHLOROETHANE	09-JUL-91	10	10	UG/L	U
		CHLOROFORM	09-JUL-91	5	5	UG/L	U
		CHLOROMETHANE	09-JUL-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	09-JUL-91	5	5	UG/L	U
		ETHYLBENZENE	09-JUL-91	5	5	UG/L	U
		METHYLENE CHLORIDE	09-JUL-91	5	5	UG/L	U
		STYRENE	09-JUL-91	5	5	UG/L	U
		TETRACHLOROETHENE	09-JUL-91	5	5	UG/L	U
		TOLUENE	09-JUL-91	5	5	UG/L	U
		TOTAL XYLENES	09-JUL-91	5	5	UG/L	U
		TRICHLOROETHENE	09-JUL-91	5	5	UG/L	U
		VINYL ACETATE	09-JUL-91	10	10	UG/L	U
		VINYL CHLORIDE	09-JUL-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	09-JUL-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	09-JUL-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		1,1,1-TRICHLOROETHANE	09-OCT-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	09-OCT-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	09-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	09-OCT-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	09-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	09-OCT-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	09-OCT-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	09-OCT-91	5	5	UG/L	U
		2-BUTANONE	09-OCT-91	10	10	UG/L	U
		2-HEXANONE	09-OCT-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	09-OCT-91	10	10	UG/L	U
		ACETONE	09-OCT-91	10	10	UG/L	U
		BENZENE	09-OCT-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	09-OCT-91	5	5	UG/L	U
		BROMOFORM	09-OCT-91	5	5	UG/L	U
		BROMOMETHANE	09-OCT-91	10	10	UG/L	U
		CARBON DISULFIDE	09-OCT-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	09-OCT-91	5	5	UG/L	U
		CHLOROBENZENE	09-OCT-91	5	5	UG/L	U
		CHLOROETHANE	09-OCT-91	10	10	UG/L	U
		CHLOROFORM	09-OCT-91	5	5	UG/L	U
		CHLOROMETHANE	09-OCT-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	09-OCT-91	5	5	UG/L	U
		ETHYLBENZENE	09-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	09-OCT-91	5	5	UG/L	U
		METHYLENE CHLORIDE	09-OCT-91	5	5	UG/L	U
		STYRENE	09-OCT-91	5	5	UG/L	U
		TETRACHLOROETHENE	09-OCT-91	5	5	UG/L	U
		TOLUENE	09-OCT-91	5	5	UG/L	U
		TOTAL XYLENES	09-OCT-91	5	5	UG/L	U
		TRICHLOROETHENE	09-OCT-91	5	5	UG/L	U
		VINYL ACETATE	09-OCT-91	10	10	UG/L	U
		VINYL CHLORIDE	09-OCT-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	09-OCT-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	09-OCT-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	19-APR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	19-APR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	19-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	19-APR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	19-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	19-APR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	19-APR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	19-APR-91	5	5	UG/L	U
		2-BUTANONE	19-APR-91	10	10	UG/L	U
		2-HEXANONE	19-APR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	19-APR-91	10	10	UG/L	U
		ACETONE	19-APR-91	10	10	UG/L	U
		BENZENE	19-APR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	19-APR-91	5	5	UG/L	U
		BROMOFORM	19-APR-91	5	5	UG/L	U
		BROMOMETHANE	19-APR-91	10	10	UG/L	U
		CARBON DISULFIDE	19-APR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	19-APR-91	5	5	UG/L	U
		CHLOROBENZENE	19-APR-91	5	5	UG/L	U
		CHLOROETHANE	19-APR-91	10	10	UG/L	U
		CHLOROFORM	19-APR-91	5	5	UG/L	U
		CHLOROMETHANE	19-APR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	19-APR-91	5	5	UG/L	U
		ETHYLBENZENE	19-APR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	19-APR-91	5	5	UG/L	U
		STYRENE	19-APR-91	5	5	UG/L	U
		TETRACHLOROETHENE	19-APR-91	5	5	UG/L	U
		TOLUENE	19-APR-91	5	5	UG/L	U
		TOTAL XYLENES	19-APR-91	5	5	UG/L	U
		TRICHLOROETHENE	19-APR-91	5	5	UG/L	U
		VINYL ACETATE	19-APR-91	10	10	UG/L	U
		VINYL CHLORIDE	19-APR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	19-APR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	19-APR-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	22-JAN-91	5	5	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		1,1,2,2-TETRACHLOROETHANE	22-JAN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	22-JAN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	22-JAN-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	22-JAN-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	22-JAN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	22-JAN-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	22-JAN-91	5	5	UG/L	U
		2-BUTANONE	22-JAN-91	10	10	UG/L	U
		2-HEXANONE	22-JAN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	22-JAN-91	10	10	UG/L	U
		ACETONE	22-JAN-91	10	4	UG/L	BJ
		BENZENE	22-JAN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	22-JAN-91	5	5	UG/L	U
		BROMOFORM	22-JAN-91	5	5	UG/L	U
		BROMOMETHANE	22-JAN-91	10	10	UG/L	U
		CARBON DISULFIDE	22-JAN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	22-JAN-91	5	5	UG/L	U
		CHLOROBENZENE	22-JAN-91	5	5	UG/L	U
		CHLOROETHANE	22-JAN-91	10	10	UG/L	U
		CHLOROFORM	22-JAN-91	5	5	UG/L	U
		CHLOROMETHANE	22-JAN-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	22-JAN-91	5	5	UG/L	U
		ETHYLBENZENE	22-JAN-91	5	5	UG/L	U
		METHYLENE CHLORIDE	22-JAN-91	5	5	UG/L	U
		STYRENE	22-JAN-91	5	5	UG/L	U
		TETRACHLOROETHENE	22-JAN-91	5	5	UG/L	U
		TOLUENE	22-JAN-91	5	5	UG/L	U
		TOTAL XYLENES	22-JAN-91	5	5	UG/L	U
		TRICHLOROETHENE	22-JAN-91	5	5	UG/L	U
		VINYL ACETATE	22-JAN-91	10	10	UG/L	U
		VINYL CHLORIDE	22-JAN-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	22-JAN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	22-JAN-91	5	5	UG/L	U
P210089	WQHP	BICARBONATE AS CACO3	09-JUL-91	1.0	140	MG/L	
		CARBONATE AS CACO3	09-JUL-91	1.0	0	MG/L	
		CHLORIDE	09-JUL-91	0.2	680	MG/L	
		FLUORIDE	09-JUL-91	0.1	0.3	MG/L	
		NITRATE/NITRITE	09-JUL-91	0.02	140	MG/L	
		SILICA, DISSOLVED	09-JUL-91	0.4	5.3	MG/L	
		SULFATE	09-JUL-91	2.0	850	MG/L	
		TOTAL DISSOLVED SOLIDS	09-JUL-91	10.0	3700	MG/L	
		TOTAL SUSPENDED SOLIDS	09-JUL-91	4.0	6	MG/L	
		BICARBONATE AS CACO3	09-OCT-91	1.0	140	MG/L	
		CARBONATE AS CACO3	09-OCT-91	1.0	1	MG/L	U
		CHLORIDE	09-OCT-91	0.2	660	MG/L	
		FLUORIDE	09-OCT-91	0.1	0.3	MG/L	
		NITRATE/NITRITE	09-OCT-91	0.02	150	MG/L	
		SILICA, DISSOLVED	09-OCT-91	0.4	6.2	MG/L	
		SULFATE	09-OCT-91	2.0	1300	MG/L	
		TOTAL DISSOLVED SOLIDS	09-OCT-91	10.0	3300	MG/L	
		TOTAL SUSPENDED SOLIDS	09-OCT-91	4.0	5	MG/L	
		BICARBONATE AS CACO3	19-APR-91	1.0	130	MG/L	
		CARBONATE AS CACO3	19-APR-91	1.0	0	MG/L	
		CHLORIDE	19-APR-91	0.2	640	MG/L	
		FLUORIDE	19-APR-91	0.1	0.3	MG/L	
		NITRATE/NITRITE	19-APR-91	0.02	150	MG/L	
		SILICA, DISSOLVED	19-APR-91	0.4	5.5	MG/L	
		SULFATE	19-APR-91	2.0	770	MG/L	
		TOTAL DISSOLVED SOLIDS	19-APR-91	10.0	3200	MG/L	
		TOTAL SUSPENDED SOLIDS	19-APR-91	4.0	6	MG/L	
		BICARBONATE AS CACO3	22-JAN-91	1.0	130	MG/L	
		CARBONATE AS CACO3	22-JAN-91	1.0	0	MG/L	
		CHLORIDE	22-JAN-91	0.2	490	MG/L	
		FLUORIDE	22-JAN-91	0.1	0.3	MG/L	
		NITRATE/NITRITE	22-JAN-91	0.02	170	MG/L	
		SILICA, DISSOLVED	22-JAN-91	0.4	6.1	MG/L	
		SULFATE	22-JAN-91	2.0	780	MG/L	
		TOTAL DISSOLVED SOLIDS	22-JAN-91	10.0	3600	MG/L	
		TOTAL SUSPENDED SOLIDS	22-JAN-91	4.0	13	MG/L	
P210189	METALS	ALUMINUM	06-AUG-91	200	52.80	UG/L	B

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

ell ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		ALUMINUM	06-AUG-91	200	657.00	UG/L	
		ANTIMONY	06-AUG-91	60	22.70	UG/L	B
		ANTIMONY	06-AUG-91	60	11.60	UG/L	B
		ARSENIC	06-AUG-91	10	2.00	UG/L	U
		ARSENIC	06-AUG-91	10	2.00	UG/L	U
		BARIUM	06-AUG-91	200	165.00	UG/L	B
		BARIUM	06-AUG-91	200	163.00	UG/L	B
		BERYLLIUM	06-AUG-91	5	1.00	UG/L	U
		BERYLLIUM	06-AUG-91	5	1.00	UG/L	U
		CADMIUM	06-AUG-91	5	1.00	UG/L	U
		CADMIUM	06-AUG-91	5	1.00	UG/L	U
		CALCIUM	06-AUG-91	5000	116000.00	UG/L	
		CALCIUM	06-AUG-91	5000	114000.00	UG/L	
		CESIUM	06-AUG-91	1000	32.00	UG/L	U
		CESIUM	06-AUG-91	1000	32.00	UG/L	U
		CHROMIUM	06-AUG-91	10	10.90	UG/L	
		CHROMIUM	06-AUG-91	10	6.90	UG/L	B
		COBALT	06-AUG-91	50	2.00	UG/L	U
		COBALT	06-AUG-91	50	2.00	UG/L	U
		COPPER	06-AUG-91	25	4.90	UG/L	B
		COPPER	06-AUG-91	25	3.00	UG/L	U
		CYANIDE	06-AUG-91	10	2.00	UG/L	B
		IRON	06-AUG-91	100	25.20	UG/L	B
		IRON	06-AUG-91	100	814.00	UG/L	
		LEAD	06-AUG-91	3	1.00	UG/L	U
		LEAD	06-AUG-91	3	1.70	UG/L	BW
		LITHIUM	06-AUG-91	100	27.30	UG/L	B
		LITHIUM	06-AUG-91	100	23.90	UG/L	B
		MAGNESIUM	06-AUG-91	5000	16900.00	UG/L	
		MAGNESIUM	06-AUG-91	5000	16600.00	UG/L	
		MANGANESE	06-AUG-91	15	6.30	UG/L	B
		MANGANESE	06-AUG-91	15	14.70	UG/L	B
		MERCURY	06-AUG-91	0	0.20	UG/L	U
		MERCURY	06-AUG-91	0	0.20	UG/L	U
		MOLYBDENUM	06-AUG-91	200	3.60	UG/L	B
		MOLYBDENUM	06-AUG-91	200	3.00	UG/L	U
		NICKEL	06-AUG-91	40	3.00	UG/L	U
		NICKEL	06-AUG-91	40	5.40	UG/L	B
		POTASSIUM	06-AUG-91	5000	1390.00	UG/L	B
		POTASSIUM	06-AUG-91	5000	1540.00	UG/L	B
		SELENIUM	06-AUG-91	5	2.00	UG/L	U
		SELENIUM	06-AUG-91	5	2.00	UG/L	U
		SILVER	06-AUG-91	10	2.00	UG/L	U
		SILVER	06-AUG-91	10	2.00	UG/L	U
		SODIUM	06-AUG-91	5000	50800.00	UG/L	
		SODIUM	06-AUG-91	5000	52600.00	UG/L	
		STRONTIUM	06-AUG-91	200	480.00	UG/L	
		STRONTIUM	06-AUG-91	200	476.00	UG/L	
		THALLIUM	06-AUG-91	10	2.00	UG/L	U
		THALLIUM	06-AUG-91	10	2.00	UG/L	U
		TIN	06-AUG-91	200	39.10	UG/L	B
		TIN	06-AUG-91	200	21.90	UG/L	B
		VANADIUM	06-AUG-91	50	2.10	UG/L	B
		VANADIUM	06-AUG-91	50	2.20	UG/L	B
		ZINC	06-AUG-91	20	19.40	UG/L	B
		ZINC	06-AUG-91	20	29.40	UG/L	
		ALUMINUM	14-OCT-91	200	1240.00	UG/L	N*
		ALUMINUM	14-OCT-91	200	1240.00	UG/L	N*
		ANTIMONY	14-OCT-91	60	26.90	UG/L	B
		ANTIMONY	14-OCT-91	60	26.90	UG/L	B
		ARSENIC	14-OCT-91	10	2.00	UG/L	U
		ARSENIC	14-OCT-91	10	2.00	UG/L	U
		BARIUM	14-OCT-91	200	172.00	UG/L	B
		BARIUM	14-OCT-91	200	172.00	UG/L	B
		BERYLLIUM	14-OCT-91	5	1.00	UG/L	U
		BERYLLIUM	14-OCT-91	5	1.00	UG/L	U
		CADMIUM	14-OCT-91	5	2.00	UG/L	U
		CADMIUM	14-OCT-91	5	2.00	UG/L	U
		CALCIUM	14-OCT-91	5000	115000.00	UG/L	
		CALCIUM	14-OCT-91	5000	115000.00	UG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

ell ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		CESIUM	14-OCT-91	1000	51.00	UG/L	U
		CESIUM	14-OCT-91	1000	51.00	UG/L	U
		CHROMIUM	14-OCT-91	10	17.60	UG/L	
		CHROMIUM	14-OCT-91	10	17.60	UG/L	
		COBALT	14-OCT-91	50	3.00	UG/L	U
		COBALT	14-OCT-91	50	3.00	UG/L	U
		COPPER	14-OCT-91	25	11.80	UG/L	B
		COPPER	14-OCT-91	25	11.80	UG/L	B
		CYANIDE	14-OCT-91	10	2.00	UG/L	U
		CYANIDE	14-OCT-91	10	2.00	UG/L	U
		IRON	14-OCT-91	100	1620.00	UG/L	*
		IRON	14-OCT-91	100	1620.00	UG/L	*
		LEAD	14-OCT-91	3	1.90	UG/L	B
		LEAD	14-OCT-91	3	1.90	UG/L	B
		LITHIUM	14-OCT-91	100	24.70	UG/L	B
		LITHIUM	14-OCT-91	100	24.70	UG/L	B
		MAGNESIUM	14-OCT-91	5000	17000.00	UG/L	
		MAGNESIUM	14-OCT-91	5000	17000.00	UG/L	
		MANGANESE	14-OCT-91	15	31.30	UG/L	
		MANGANESE	14-OCT-91	15	31.30	UG/L	
		MERCURY	14-OCT-91	0	0.20	UG/L	U
		MERCURY	14-OCT-91	0	0.20	UG/L	U
		MOLYBDENUM	14-OCT-91	200	3.50	UG/L	B
		MOLYBDENUM	14-OCT-91	200	3.50	UG/L	B
		NICKEL	14-OCT-91	40	17.00	UG/L	U
		NICKEL	14-OCT-91	40	17.00	UG/L	U
		POTASSIUM	14-OCT-91	5000	1580.00	UG/L	B
		POTASSIUM	14-OCT-91	5000	1580.00	UG/L	B
		SELENIUM	14-OCT-91	5	2.00	UG/L	U
		SELENIUM	14-OCT-91	5	2.00	UG/L	U
		SILVER	14-OCT-91	10	2.90	UG/L	B
		SILVER	14-OCT-91	10	2.90	UG/L	B
		SODIUM	14-OCT-91	5000	47800.00	UG/L	
		SODIUM	14-OCT-91	5000	47800.00	UG/L	
		STRONTIUM	14-OCT-91	200	506.00	UG/L	
		STRONTIUM	14-OCT-91	200	506.00	UG/L	
		THALLIUM	14-OCT-91	10	1.00	UG/L	U
		THALLIUM	14-OCT-91	10	1.00	UG/L	U
		TIN	14-OCT-91	200	17.00	UG/L	U
		TIN	14-OCT-91	200	17.00	UG/L	U
		VANADIUM	14-OCT-91	50	9.80	UG/L	B
		VANADIUM	14-OCT-91	50	9.80	UG/L	B
		ZINC	14-OCT-91	20	32.30	UG/L	E
		ZINC	14-OCT-91	20	32.30	UG/L	E
		ALUMINUM	26-MAR-91	200	55.60	UG/L	B
		ANTIMONY	26-MAR-91	60	9.40	UG/L	B
		ARSENIC	26-MAR-91	10	2.00	UG/L	U
		BARIUM	26-MAR-91	200	162.00	UG/L	B
		BERYLLIUM	26-MAR-91	5	1.00	UG/L	U
		CADMIUM	26-MAR-91	5	2.00	UG/L	U
		CALCIUM	26-MAR-91	5000	114000.00	UG/L	
		CESIUM	26-MAR-91	1000	112.00	UG/L	U
		CHROMIUM	26-MAR-91	10	6.30	UG/L	B
		COBALT	26-MAR-91	50	3.00	UG/L	U
		COPPER	26-MAR-91	25	11.00	UG/L	U
		CYANIDE	26-MAR-91	10	3.50	UG/L	U
		IRON	26-MAR-91	100	16.70	UG/L	B
		LEAD	26-MAR-91	3	1.00	UG/L	U
		LITHIUM	26-MAR-91	100	19.20	UG/L	B
		MAGNESIUM	26-MAR-91	5000	16500.00	UG/L	
		MANGANESE	26-MAR-91	15	8.50	UG/L	B
		MERCURY	26-MAR-91	0	0.36	UG/L	
		MOLYBDENUM	26-MAR-91	200	5.10	UG/L	B
		NICKEL	26-MAR-91	40	3.00	UG/L	U
		POTASSIUM	26-MAR-91	5000	1350.00	UG/L	B
		SELENIUM	26-MAR-91	5	2.00	UG/L	UW
		SILVER	26-MAR-91	10	4.00	UG/L	B
		SODIUM	26-MAR-91	5000	53500.00	UG/L	
		STRONTIUM	26-MAR-91	200	501.00	UG/L	
		THALLIUM	26-MAR-91	10	3.00	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		TIN	26-MAR-91	200	24.80	UG/L	B
		VANADIUM	26-MAR-91	50	5.90	UG/L	B
		ZINC	26-MAR-91	20	13.20	UG/L	B
		ALUMINUM	29-MAY-91	200	49.40	UG/L	B
		ALUMINUM	29-MAY-91	200	32.00	UG/L	B
		ALUMINUM	29-MAY-91	200	50.50	UG/L	B
		ANTIMONY	29-MAY-91	60	16.30	UG/L	B
		ANTIMONY	29-MAY-91	60	13.90	UG/L	B
		ANTIMONY	29-MAY-91	60	6.00	UG/L	U
		ARSENIC	29-MAY-91	10	2.00	UG/L	U
		ARSENIC	29-MAY-91	10	2.00	UG/L	U
		ARSENIC	29-MAY-91	10	2.00	UG/L	U
		BARIUM	29-MAY-91	200	169.00	UG/L	B
		BARIUM	29-MAY-91	200	4.20	UG/L	B
		BARIUM	29-MAY-91	200	159.00	UG/L	B
		BERYLLIUM	29-MAY-91	5	1.00	UG/L	U
		BERYLLIUM	29-MAY-91	5	1.00	UG/L	U
		BERYLLIUM	29-MAY-91	5	1.00	UG/L	U
		CADMIUM	29-MAY-91	5	2.00	UG/L	U
		CADMIUM	29-MAY-91	5	2.00	UG/L	U
		CADMIUM	29-MAY-91	5	2.00	UG/L	U
		CALCIUM	29-MAY-91	5000	118000.00	UG/L	
		CALCIUM	29-MAY-91	5000	118000.00	UG/L	
		CALCIUM	29-MAY-91	5000	1880.00	UG/L	B
		CESIUM	29-MAY-91	1000	112.00	UG/L	U
		CESIUM	29-MAY-91	1000	112.00	UG/L	U
		CESIUM	29-MAY-91	1000	112.00	UG/L	U
		CHROMIUM	29-MAY-91	10	7.50	UG/L	B
		CHROMIUM	29-MAY-91	10	8.40	UG/L	B
		CHROMIUM	29-MAY-91	10	3.10	UG/L	B
		COBALT	29-MAY-91	50	3.00	UG/L	U
		COBALT	29-MAY-91	50	3.00	UG/L	U
		COBALT	29-MAY-91	50	3.00	UG/L	U
		COPPER	29-MAY-91	25	11.00	UG/L	U
		COPPER	29-MAY-91	25	11.00	UG/L	U
		COPPER	29-MAY-91	25	11.00	UG/L	U
		CYANIDE	29-MAY-91	10	2.50	UG/L	B
		CYANIDE	29-MAY-91	10	2.50	UG/L	U
		CYANIDE	29-MAY-91	10	2.50	UG/L	U
		IRON	29-MAY-91	100	22.80	UG/L	B
		IRON	29-MAY-91	100	25.50	UG/L	B
		IRON	29-MAY-91	100	23.10	UG/L	B
		LEAD	29-MAY-91	3	1.00	UG/L	U
		LEAD	29-MAY-91	3	2.70	UG/L	B
		LEAD	29-MAY-91	3	1.00	UG/L	U
		LITHIUM	29-MAY-91	100	29.40	UG/L	B
		LITHIUM	29-MAY-91	100	9.80	UG/L	B
		LITHIUM	29-MAY-91	100	30.10	UG/L	B
		MAGNESIUM	29-MAY-91	5000	17500.00	UG/L	
		MAGNESIUM	29-MAY-91	5000	225.00	UG/L	B
		MAGNESIUM	29-MAY-91	5000	17200.00	UG/L	
		MANGANESE	29-MAY-91	15	7.60	UG/L	B
		MANGANESE	29-MAY-91	15	8.80	UG/L	B
		MANGANESE	29-MAY-91	15	6.40	UG/L	B
		MERCURY	29-MAY-91	0	0.20	UG/L	U
		MERCURY	29-MAY-91	0	0.20	UG/L	U
		MERCURY	29-MAY-91	0	0.20	UG/L	U
		MOLYBDENUM	29-MAY-91	200	2.20	UG/L	B
		MOLYBDENUM	29-MAY-91	200	2.40	UG/L	B
		MOLYBDENUM	29-MAY-91	200	6.40	UG/L	B
		NICKEL	29-MAY-91	40	3.00	UG/L	U
		NICKEL	29-MAY-91	40	3.00	UG/L	U
		NICKEL	29-MAY-91	40	3.00	UG/L	U
		POTASSIUM	29-MAY-91	5000	1410.00	UG/L	B
		POTASSIUM	29-MAY-91	5000	137.00	UG/L	B
		POTASSIUM	29-MAY-91	5000	1400.00	UG/L	B
		SELENIUM	29-MAY-91	5	2.00	UG/L	U
		SELENIUM	29-MAY-91	5	2.00	UG/L	U
		SELENIUM	29-MAY-91	5	2.00	UG/L	U
		SILVER	29-MAY-91	10	2.00	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		SILVER	29-MAY-91	10	2.00	UG/L	U
		SILVER	29-MAY-91	10	2.00	UG/L	U
		SODIUM	29-MAY-91	5000	46800.00	UG/L	
		SODIUM	29-MAY-91	5000	47700.00	UG/L	
		SODIUM	29-MAY-91	5000	107.00	UG/L	B
		STRONTIUM	29-MAY-91	200	521.00	UG/L	
		STRONTIUM	29-MAY-91	200	7.30	UG/L	B
		STRONTIUM	29-MAY-91	200	515.00	UG/L	
		THALLIUM	29-MAY-91	10	1.00	UG/L	UW
		THALLIUM	29-MAY-91	10	1.00	UG/L	U
		THALLIUM	29-MAY-91	10	1.00	UG/L	UW
		TIN	29-MAY-91	200	22.00	UG/L	B
		TIN	29-MAY-91	200	17.40	UG/L	B
		TIN	29-MAY-91	200	10.30	UG/L	B
		VANADIUM	29-MAY-91	50	2.00	UG/L	U
		VANADIUM	29-MAY-91	50	2.30	UG/L	B
		VANADIUM	29-MAY-91	50	2.00	UG/L	U
		ZINC	29-MAY-91	20	3.00	UG/L	U
		ZINC	29-MAY-91	20	3.00	UG/L	U
		ZINC	29-MAY-91	20	58.20	UG/L	
P210189	RADS	AMERICIUM-241	06-AUG-91	.01	.005057	PCI/L	J
		CESIUM-137	06-AUG-91	1	0	PCI/L	J
		GROSS ALPHA - DISSOLVED	06-AUG-91	2	2.556	PCI/L	
		GROSS BETA - DISSOLVED	06-AUG-91	4	1.867	PCI/L	J
		PLUTONIUM-239/240	06-AUG-91	.01	.006851	pCi/L	
		STRONTIUM-89,90	06-AUG-91	1	.6253	PCI/L	J
		TRITIUM	06-AUG-91	400	1143	PCI/L	
		URANIUM-233,-234	06-AUG-91	.6	2.365	PCI/L	
		URANIUM-235	06-AUG-91	.6	.1388	PCI/L	J
		URANIUM-238	06-AUG-91	.6	1.378	PCI/L	
		AMERICIUM-241	26-MAR-91	.01	.006341	PCI/L	J
		CESIUM-137	26-MAR-91	1	.22	PCI/L	J
		GROSS ALPHA - DISSOLVED	26-MAR-91	2	.8009	PCI/L	J
		GROSS BETA - DISSOLVED	26-MAR-91	4	3.727	PCI/L	J
		PLUTONIUM-239/240	26-MAR-91	.01	.01244	PCI/L	
		STRONTIUM-89,90	26-MAR-91	1	.249	PCI/L	J
		TRITIUM	26-MAR-91	400	1116	PCI/L	
		URANIUM-233,-234	26-MAR-91	.6	2.006	PCI/L	
		URANIUM-235	26-MAR-91	.6	.1337	PCI/L	J
		URANIUM-238	26-MAR-91	.6	1.242	PCI/L	
P210189	VOA	1,1,1-TRICHLOROETHANE	06-AUG-91	5	500	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	06-AUG-91	5	500	UG/L	U
		1,1,2-TRICHLOROETHANE	06-AUG-91	5	500	UG/L	U
		1,1-DICHLOROETHANE	06-AUG-91	5	500	UG/L	U
		1,1-DICHLOROETHENE	06-AUG-91	5	500	UG/L	U
		1,2-DICHLOROETHANE	06-AUG-91	5	500	UG/L	U
		1,2-DICHLOROETHENE	06-AUG-91	5	500	UG/L	U
		1,2-DICHLOROPROPANE	06-AUG-91	5	500	UG/L	U
		2-BUTANONE	06-AUG-91	10	1000	UG/L	U
		2-HEXANONE	06-AUG-91	10	1000	UG/L	U
		4-METHYL-2-PENTANONE	06-AUG-91	10	1000	UG/L	U
		ACETONE	06-AUG-91	10	1000	UG/L	U
		BENZENE	06-AUG-91	5	500	UG/L	U
		BROMODICHLOROMETHANE	06-AUG-91	5	500	UG/L	U
		BROMOFORM	06-AUG-91	5	500	UG/L	U
		BROMOMETHANE	06-AUG-91	10	1000	UG/L	U
		CARBON DISULFIDE	06-AUG-91	5	500	UG/L	U
		CARBON TETRACHLORIDE	06-AUG-91	5	16000	UG/L	
		CHLOROBENZENE	06-AUG-91	5	500	UG/L	U
		CHLOROETHANE	06-AUG-91	10	1000	UG/L	U
		CHLOROFORM	06-AUG-91	5	730	UG/L	
		CHLOROMETHANE	06-AUG-91	10	1000	UG/L	U
		DIBROMOCHLOROMETHANE	06-AUG-91	5	500	UG/L	U
		ETHYLBENZENE	06-AUG-91	5	500	UG/L	U
		METHYLENE CHLORIDE	06-AUG-91	5	500	UG/L	U
		STYRENE	06-AUG-91	5	500	UG/L	U
		TETRACHLOROETHENE	06-AUG-91	5	500	UG/L	U
		TOLUENE	06-AUG-91	5	500	UG/L	U
		TOTAL XYLENES	06-AUG-91	5	500	UG/L	U
		TRICHLOROETHENE	06-AUG-91	5	7900	UG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		VINYL ACETATE	06-AUG-91	10	1000	UG/L	U
		VINYL CHLORIDE	06-AUG-91	10	1000	UG/L	U
		cis-1,3-DICHLOROPROPENE	06-AUG-91	5	500	UG/L	U
		trans-1,3-DICHLOROPROPENE	06-AUG-91	5	500	UG/L	U
		1,1,1-TRICHLOROETHANE	14-OCT-91	5	100	UG/L	U
		1,1,1-TRICHLOROETHANE	14-OCT-91	5	500	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	14-OCT-91	5	100	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	14-OCT-91	5	500	UG/L	U
		1,1,2-TRICHLOROETHANE	14-OCT-91	5	100	UG/L	U
		1,1,2-TRICHLOROETHANE	14-OCT-91	5	500	UG/L	U
		1,1-DICHLOROETHANE	14-OCT-91	5	100	UG/L	U
		1,1-DICHLOROETHANE	14-OCT-91	5	500	UG/L	U
		1,1-DICHLOROETHENE	14-OCT-91	5	100	UG/L	U
		1,1-DICHLOROETHENE	14-OCT-91	5	500	UG/L	U
		1,2-DICHLOROETHANE	14-OCT-91	5	100	UG/L	U
		1,2-DICHLOROETHANE	14-OCT-91	5	500	UG/L	U
		1,2-DICHLOROETHENE	14-OCT-91	5	77	UG/L	J
		1,2-DICHLOROETHENE	14-OCT-91	5	500	UG/L	U
		1,2-DICHLOROPROPANE	14-OCT-91	5	100	UG/L	U
		1,2-DICHLOROPROPANE	14-OCT-91	5	500	UG/L	U
		2-BUTANONE	14-OCT-91	10	200	UG/L	U
		2-BUTANONE	14-OCT-91	10	1000	UG/L	U
		2-HEXANONE	14-OCT-91	10	200	UG/L	U
		2-HEXANONE	14-OCT-91	10	1000	UG/L	U
		4-METHYL-2-PENTANONE	14-OCT-91	10	200	UG/L	U
		4-METHYL-2-PENTANONE	14-OCT-91	10	1000	UG/L	U
		ACETONE	14-OCT-91	10	200	UG/L	U
		ACETONE	14-OCT-91	10	1000	UG/L	U
		BENZENE	14-OCT-91	5	100	UG/L	U
		BENZENE	14-OCT-91	5	500	UG/L	U
		BROMODICHLOROMETHANE	14-OCT-91	5	100	UG/L	U
		BROMODICHLOROMETHANE	14-OCT-91	5	500	UG/L	U
		BROMOFORM	14-OCT-91	5	100	UG/L	U
		BROMOFORM	14-OCT-91	5	500	UG/L	U
		BROMOMETHANE	14-OCT-91	10	200	UG/L	U
		BROMOMETHANE	14-OCT-91	10	1000	UG/L	U
		CARBON DISULFIDE	14-OCT-91	5	100	UG/L	U
		CARBON DISULFIDE	14-OCT-91	5	500	UG/L	U
		CARBON TETRACHLORIDE	14-OCT-91	5	13000	UG/L	E
		CARBON TETRACHLORIDE	14-OCT-91	5	11000	UG/L	D
		CHLOROBENZENE	14-OCT-91	5	100	UG/L	U
		CHLOROBENZENE	14-OCT-91	5	500	UG/L	U
		CHLOROETHANE	14-OCT-91	10	200	UG/L	U
		CHLOROETHANE	14-OCT-91	10	1000	UG/L	U
		CHLOROFORM	14-OCT-91	5	390	UG/L	
		CHLOROFORM	14-OCT-91	5	430	UG/L	DJ
		CHLOROMETHANE	14-OCT-91	10	200	UG/L	U
		CHLOROMETHANE	14-OCT-91	10	1000	UG/L	U
		DIBROMOCHLOROMETHANE	14-OCT-91	5	100	UG/L	U
		DIBROMOCHLOROMETHANE	14-OCT-91	5	500	UG/L	U
		ETHYLBENZENE	14-OCT-91	5	100	UG/L	U
		ETHYLBENZENE	14-OCT-91	5	500	UG/L	U
		METHYLENE CHLORIDE	14-OCT-91	5	100	UG/L	U
		METHYLENE CHLORIDE	14-OCT-91	5	500	UG/L	U
		STYRENE	14-OCT-91	5	100	UG/L	U
		STYRENE	14-OCT-91	5	500	UG/L	U
		TETRACHLOROETHENE	14-OCT-91	5	100	UG/L	U
		TETRACHLOROETHENE	14-OCT-91	5	500	UG/L	U
		TOLUENE	14-OCT-91	5	100	UG/L	U
		TOLUENE	14-OCT-91	5	500	UG/L	U
		TOTAL XYLENES	14-OCT-91	5	100	UG/L	U
		TOTAL XYLENES	14-OCT-91	5	500	UG/L	U
		TRICHLOROETHENE	14-OCT-91	5	4900	UG/L	E
		TRICHLOROETHENE	14-OCT-91	5	4200	UG/L	D
		VINYL ACETATE	14-OCT-91	10	200	UG/L	U
		VINYL ACETATE	14-OCT-91	10	1000	UG/L	U
		VINYL CHLORIDE	14-OCT-91	10	200	UG/L	U
		VINYL CHLORIDE	14-OCT-91	10	1000	UG/L	U
		cis-1,3-DICHLOROPROPENE	14-OCT-91	5	100	UG/L	U
		cis-1,3-DICHLOROPROPENE	14-OCT-91	5	500	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

ell ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		trans-1,3-DICHLOROPROPENE	14-OCT-91	5	100	UG/L	U
		trans-1,3-DICHLOROPROPENE	14-OCT-91	5	500	UG/L	U
		1,1,1-TRICHLOROETHANE	26-MAR-91	5	1000	UG/L	U
		1,1,1-TRICHLOROETHANE	26-MAR-91	5	250	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	26-MAR-91	5	1000	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	26-MAR-91	5	250	UG/L	U
		1,1,2-TRICHLOROETHANE	26-MAR-91	5	1000	UG/L	U
		1,1,2-TRICHLOROETHANE	26-MAR-91	5	250	UG/L	U
		1,1-DICHLOROETHANE	26-MAR-91	5	1000	UG/L	U
		1,1-DICHLOROETHANE	26-MAR-91	5	250	UG/L	U
		1,1-DICHLOROETHENE	26-MAR-91	5	1000	UG/L	U
		1,1-DICHLOROETHENE	26-MAR-91	5	250	UG/L	U
		1,2-DICHLOROETHANE	26-MAR-91	5	1000	UG/L	U
		1,2-DICHLOROETHANE	26-MAR-91	5	250	UG/L	U
		1,2-DICHLOROETHENE	26-MAR-91	5	1000	UG/L	U
		1,2-DICHLOROETHENE	26-MAR-91	5	250	UG/L	U
		1,2-DICHLOROPROPANE	26-MAR-91	5	1000	UG/L	U
		1,2-DICHLOROPROPANE	26-MAR-91	5	250	UG/L	U
		2-BUTANONE	26-MAR-91	10	2000	UG/L	U
		2-BUTANONE	26-MAR-91	10	500	UG/L	U
		2-HEXANONE	26-MAR-91	10	2000	UG/L	U
		2-HEXANONE	26-MAR-91	10	500	UG/L	U
		4-METHYL-2-PENTANONE	26-MAR-91	10	500	UG/L	U
		4-METHYL-2-PENTANONE	26-MAR-91	10	2000	UG/L	U
		ACETONE	26-MAR-91	10	2000	UG/L	U
		ACETONE	26-MAR-91	10	500	UG/L	U
		BENZENE	26-MAR-91	5	1000	UG/L	U
		BENZENE	26-MAR-91	5	250	UG/L	U
		BROMODICHLOROMETHANE	26-MAR-91	5	1000	UG/L	U
		BROMODICHLOROMETHANE	26-MAR-91	5	250	UG/L	U
		BROMOFORM	26-MAR-91	5	1000	UG/L	U
		BROMOFORM	26-MAR-91	5	250	UG/L	U
		BROMOMETHANE	26-MAR-91	10	2000	UG/L	U
		BROMOMETHANE	26-MAR-91	10	500	UG/L	U
		CARBON DISULFIDE	26-MAR-91	5	1000	UG/L	U
		CARBON DISULFIDE	26-MAR-91	5	250	UG/L	U
		CARBON TETRACHLORIDE	26-MAR-91	5	21000	UG/L	D
		CARBON TETRACHLORIDE	26-MAR-91	5	17000	UG/L	E
		CHLOROBENZENE	26-MAR-91	5	1000	UG/L	U
		CHLOROBENZENE	26-MAR-91	5	250	UG/L	U
		CHLOROETHANE	26-MAR-91	10	2000	UG/L	U
		CHLOROETHANE	26-MAR-91	10	500	UG/L	U
		CHLOROFORM	26-MAR-91	5	590	UG/L	DJ
		CHLOROFORM	26-MAR-91	5	420	UG/L	
		CHLOROMETHANE	26-MAR-91	10	2000	UG/L	U
		CHLOROMETHANE	26-MAR-91	10	500	UG/L	U
		DIBROMOCHLOROMETHANE	26-MAR-91	5	1000	UG/L	U
		DIBROMOCHLOROMETHANE	26-MAR-91	5	250	UG/L	U
		ETHYLBENZENE	26-MAR-91	5	1000	UG/L	U
		ETHYLBENZENE	26-MAR-91	5	250	UG/L	U
		METHYLENE CHLORIDE	26-MAR-91	5	1000	UG/L	U
		METHYLENE CHLORIDE	26-MAR-91	5	250	UG/L	U
		STYRENE	26-MAR-91	5	1000	UG/L	U
		STYRENE	26-MAR-91	5	250	UG/L	U
		TETRACHLOROETHENE	26-MAR-91	5	1000	UG/L	U
		TETRACHLOROETHENE	26-MAR-91	5	250	UG/L	U
		TOLUENE	26-MAR-91	5	1000	UG/L	U
		TOLUENE	26-MAR-91	5	250	UG/L	U
		TOTAL XYLENES	26-MAR-91	5	1000	UG/L	U
		TOTAL XYLENES	26-MAR-91	5	250	UG/L	U
		TRICHLOROETHENE	26-MAR-91	5	8600	UG/L	D
		TRICHLOROETHENE	26-MAR-91	5	6800	UG/L	
		VINYL ACETATE	26-MAR-91	10	2000	UG/L	U
		VINYL ACETATE	26-MAR-91	10	500	UG/L	U
		VINYL CHLORIDE	26-MAR-91	10	2000	UG/L	U
		VINYL CHLORIDE	26-MAR-91	10	500	UG/L	U
		cis-1,3-DICHLOROPROPENE	26-MAR-91	5	1000	UG/L	U
		cis-1,3-DICHLOROPROPENE	26-MAR-91	5	250	UG/L	U
		trans-1,3-DICHLOROPROPENE	26-MAR-91	5	250	UG/L	U
		trans-1,3-DICHLOROPROPENE	26-MAR-91	5	1000	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		1,1,1-TRICHLOROETHANE	29-MAY-91	5	750	UG/L	U
		1,1,1-TRICHLOROETHANE	29-MAY-91	5	150	UG/L	U
		1,1,1-TRICHLOROETHANE	29-MAY-91	5	500	UG/L	U
		1,1,1-TRICHLOROETHANE	29-MAY-91	5	150	UG/L	U
		1,1,1-TRICHLOROETHANE	29-MAY-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	29-MAY-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	29-MAY-91	5	750	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	29-MAY-91	5	150	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	29-MAY-91	5	500	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	29-MAY-91	5	150	UG/L	U
		1,1,2-TRICHLOROETHANE	29-MAY-91	5	750	UG/L	U
		1,1,2-TRICHLOROETHANE	29-MAY-91	5	150	UG/L	U
		1,1,2-TRICHLOROETHANE	29-MAY-91	5	150	UG/L	U
		1,1,2-TRICHLOROETHANE	29-MAY-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	29-MAY-91	5	500	UG/L	U
		1,1-DICHLOROETHANE	29-MAY-91	5	750	UG/L	U
		1,1-DICHLOROETHANE	29-MAY-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	29-MAY-91	5	150	UG/L	U
		1,1-DICHLOROETHANE	29-MAY-91	5	500	UG/L	U
		1,1-DICHLOROETHANE	29-MAY-91	5	150	UG/L	U
		1,1-DICHLOROETHENE	29-MAY-91	5	750	UG/L	U
		1,1-DICHLOROETHENE	29-MAY-91	5	150	UG/L	U
		1,1-DICHLOROETHENE	29-MAY-91	5	500	UG/L	U
		1,1-DICHLOROETHENE	29-MAY-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	29-MAY-91	5	150	UG/L	U
		1,2-DICHLOROETHANE	29-MAY-91	5	750	UG/L	U
		1,2-DICHLOROETHANE	29-MAY-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	29-MAY-91	5	150	UG/L	U
		1,2-DICHLOROETHANE	29-MAY-91	5	500	UG/L	U
		1,2-DICHLOROETHANE	29-MAY-91	5	150	UG/L	U
		1,2-DICHLOROETHENE	29-MAY-91	5	230	UG/L	DJ
		1,2-DICHLOROETHENE	29-MAY-91	5	260	UG/L	
		1,2-DICHLOROETHENE	29-MAY-91	5	160	UG/L	
		1,2-DICHLOROETHENE	29-MAY-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	29-MAY-91	5	190	UG/L	DJ
		1,2-DICHLOROPROPANE	29-MAY-91	5	750	UG/L	U
		1,2-DICHLOROPROPANE	29-MAY-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	29-MAY-91	5	150	UG/L	U
		1,2-DICHLOROPROPANE	29-MAY-91	5	500	UG/L	U
		1,2-DICHLOROPROPANE	29-MAY-91	5	150	UG/L	U
		2-BUTANONE	29-MAY-91	10	1500	UG/L	U
		2-BUTANONE	29-MAY-91	10	300	UG/L	U
		2-BUTANONE	29-MAY-91	10	300	UG/L	U
		2-BUTANONE	29-MAY-91	10	10	UG/L	U
		2-BUTANONE	29-MAY-91	10	1000	UG/L	U
		2-HEXANONE	29-MAY-91	10	1500	UG/L	U
		2-HEXANONE	29-MAY-91	10	10	UG/L	U
		2-HEXANONE	29-MAY-91	10	300	UG/L	U
		2-HEXANONE	29-MAY-91	10	1000	UG/L	U
		2-HEXANONE	29-MAY-91	10	300	UG/L	U
		4-METHYL-2-PENTANONE	29-MAY-91	10	300	UG/L	U
		4-METHYL-2-PENTANONE	29-MAY-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	29-MAY-91	10	1000	UG/L	U
		4-METHYL-2-PENTANONE	29-MAY-91	10	300	UG/L	U
		4-METHYL-2-PENTANONE	29-MAY-91	10	1500	UG/L	U
		ACETONE	29-MAY-91	10	1500	UG/L	U
		ACETONE	29-MAY-91	10	10	UG/L	U
		ACETONE	29-MAY-91	10	300	UG/L	U
		ACETONE	29-MAY-91	10	380	UG/L	BDJ
		ACETONE	29-MAY-91	10	110	UG/L	BJ
		BENZENE	29-MAY-91	5	750	UG/L	U
		BENZENE	29-MAY-91	5	150	UG/L	U
		BENZENE	29-MAY-91	5	150	UG/L	U
		BENZENE	29-MAY-91	5	5	UG/L	U
		BENZENE	29-MAY-91	5	500	UG/L	U
		BROMODICHLOROMETHANE	29-MAY-91	5	750	UG/L	U
		BROMODICHLOROMETHANE	29-MAY-91	5	150	UG/L	U
		BROMODICHLOROMETHANE	29-MAY-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	29-MAY-91	5	150	UG/L	U
		BROMODICHLOROMETHANE	29-MAY-91	5	100	UG/L	DJ

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		BROMOFORM	29-MAY-91	5	750	UG/L	U
		BROMOFORM	29-MAY-91	5	5	UG/L	U
		BROMOFORM	29-MAY-91	5	150	UG/L	U
		BROMOFORM	29-MAY-91	5	500	UG/L	U
		BROMOFORM	29-MAY-91	5	150	UG/L	U
		BROMOMETHANE	29-MAY-91	10	1500	UG/L	U
		BROMOMETHANE	29-MAY-91	10	300	UG/L	U
		BROMOMETHANE	29-MAY-91	10	10	UG/L	U
		BROMOMETHANE	29-MAY-91	10	300	UG/L	U
		BROMOMETHANE	29-MAY-91	10	1000	UG/L	U
		CARBON DISULFIDE	29-MAY-91	5	750	UG/L	U
		CARBON DISULFIDE	29-MAY-91	5	150	UG/L	U
		CARBON DISULFIDE	29-MAY-91	5	150	UG/L	U
		CARBON DISULFIDE	29-MAY-91	5	500	UG/L	U
		CARBON DISULFIDE	29-MAY-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	29-MAY-91	5	14000	UG/L	D
		CARBON TETRACHLORIDE	29-MAY-91	5	13000	UG/L	D
		CARBON TETRACHLORIDE	29-MAY-91	5	12000	UG/L	E
		CARBON TETRACHLORIDE	29-MAY-91	5	18000	UG/L	E
		CARBON TETRACHLORIDE	29-MAY-91	5	5	UG/L	U
		CHLOROBENZENE	29-MAY-91	5	750	UG/L	U
		CHLOROBENZENE	29-MAY-91	5	150	UG/L	U
		CHLOROBENZENE	29-MAY-91	5	500	UG/L	U
		CHLOROBENZENE	29-MAY-91	5	5	UG/L	U
		CHLOROBENZENE	29-MAY-91	5	150	UG/L	U
		CHLOROETHANE	29-MAY-91	10	1500	UG/L	U
		CHLOROETHANE	29-MAY-91	10	10	UG/L	U
		CHLOROETHANE	29-MAY-91	10	300	UG/L	U
		CHLOROETHANE	29-MAY-91	10	1000	UG/L	U
		CHLOROETHANE	29-MAY-91	10	300	UG/L	U
		CHLOROFORM	29-MAY-91	5	470	UG/L	DJ
		CHLOROFORM	29-MAY-91	5	470	UG/L	
		CHLOROFORM	29-MAY-91	5	420	UG/L	
		CHLOROFORM	29-MAY-91	5	5	UG/L	U
		CHLOROFORM	29-MAY-91	5	1000	UG/L	D
		CHLOROMETHANE	29-MAY-91	10	1500	UG/L	U
		CHLOROMETHANE	29-MAY-91	10	300	UG/L	U
		CHLOROMETHANE	29-MAY-91	10	10	UG/L	U
		CHLOROMETHANE	29-MAY-91	10	300	UG/L	U
		CHLOROMETHANE	29-MAY-91	10	1000	UG/L	U
		DIBROMOCHLOROMETHANE	29-MAY-91	5	750	UG/L	U
		DIBROMOCHLOROMETHANE	29-MAY-91	5	5	UG/L	U
		DIBROMOCHLOROMETHANE	29-MAY-91	5	150	UG/L	U
		DIBROMOCHLOROMETHANE	29-MAY-91	5	500	UG/L	U
		DIBROMOCHLOROMETHANE	29-MAY-91	5	150	UG/L	U
		ETHYLBENZENE	29-MAY-91	5	750	UG/L	U
		ETHYLBENZENE	29-MAY-91	5	150	UG/L	U
		ETHYLBENZENE	29-MAY-91	5	500	UG/L	U
		ETHYLBENZENE	29-MAY-91	5	5	UG/L	U
		ETHYLBENZENE	29-MAY-91	5	150	UG/L	U
		METHYLENE CHLORIDE	29-MAY-91	5	700	UG/L	BDJ
		METHYLENE CHLORIDE	29-MAY-91	5	430	UG/L	BDJ
		METHYLENE CHLORIDE	29-MAY-91	5	5	UG/L	U
		METHYLENE CHLORIDE	29-MAY-91	5	88	UG/L	BJ
		METHYLENE CHLORIDE	29-MAY-91	5	130	UG/L	BJ
		STYRENE	29-MAY-91	5	750	UG/L	U
		STYRENE	29-MAY-91	5	5	UG/L	U
		STYRENE	29-MAY-91	5	150	UG/L	U
		STYRENE	29-MAY-91	5	500	UG/L	U
		STYRENE	29-MAY-91	5	150	UG/L	U
		TETRACHLOROETHENE	29-MAY-91	5	750	UG/L	U
		TETRACHLOROETHENE	29-MAY-91	5	150	UG/L	U
		TETRACHLOROETHENE	29-MAY-91	5	500	UG/L	U
		TETRACHLOROETHENE	29-MAY-91	5	5	UG/L	U
		TETRACHLOROETHENE	29-MAY-91	5	150	UG/L	U
		TOLUENE	29-MAY-91	5	750	UG/L	U
		TOLUENE	29-MAY-91	5	5	UG/L	U
		TOLUENE	29-MAY-91	5	150	UG/L	U
		TOLUENE	29-MAY-91	5	500	UG/L	U
		TOLUENE	29-MAY-91	5	150	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		TOTAL XYLENES	29-MAY-91	5	750	UG/L	U
		TOTAL XYLENES	29-MAY-91	5	5	UG/L	U
		TOTAL XYLENES	29-MAY-91	5	150	UG/L	U
		TOTAL XYLENES	29-MAY-91	5	150	UG/L	U
		TOTAL XYLENES	29-MAY-91	5	500	UG/L	U
		TRICHLOROETHENE	29-MAY-91	5	5800	UG/L	D
		TRICHLOROETHENE	29-MAY-91	5	5	UG/L	U
		TRICHLOROETHENE	29-MAY-91	5	5600	UG/L	
		TRICHLOROETHENE	29-MAY-91	5	5700	UG/L	D
		TRICHLOROETHENE	29-MAY-91	5	7400	UG/L	E
		VINYL ACETATE	29-MAY-91	10	300	UG/L	U
		VINYL ACETATE	29-MAY-91	10	10	UG/L	U
		VINYL ACETATE	29-MAY-91	10	300	UG/L	U
		VINYL ACETATE	29-MAY-91	10	1500	UG/L	U
		VINYL ACETATE	29-MAY-91	10	1000	UG/L	U
		VINYL CHLORIDE	29-MAY-91	10	1500	UG/L	U
		VINYL CHLORIDE	29-MAY-91	10	10	UG/L	U
		VINYL CHLORIDE	29-MAY-91	10	300	UG/L	U
		VINYL CHLORIDE	29-MAY-91	10	1000	UG/L	U
		VINYL CHLORIDE	29-MAY-91	10	300	UG/L	U
		cis-1,3-DICHLOROPROPENE	29-MAY-91	5	750	UG/L	U
		cis-1,3-DICHLOROPROPENE	29-MAY-91	5	5	UG/L	U
		cis-1,3-DICHLOROPROPENE	29-MAY-91	5	150	UG/L	U
		cis-1,3-DICHLOROPROPENE	29-MAY-91	5	500	UG/L	U
		cis-1,3-DICHLOROPROPENE	29-MAY-91	5	150	UG/L	U
		trans-1,3-DICHLOROPROPENE	29-MAY-91	5	750	UG/L	U
		trans-1,3-DICHLOROPROPENE	29-MAY-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	29-MAY-91	5	150	UG/L	U
		trans-1,3-DICHLOROPROPENE	29-MAY-91	5	500	UG/L	U
		trans-1,3-DICHLOROPROPENE	29-MAY-91	5	150	UG/L	U
P210189	WQHP	BICARBONATE AS CACO3	06-AUG-91	1.0	280	MG/L	
		CARBONATE AS CACO3	06-AUG-91	1.0	1	MG/L	U
		CHLORIDE	06-AUG-91	0.2	46	MG/L	
		FLUORIDE	06-AUG-91	0.1	0.7	MG/L	
		NITRATE/NITRITE	06-AUG-91	0.02	16	MG/L	
		ORTHOPHOSPHATE	06-AUG-91	0.01	0.02	MG/L	
		SILICA, DISSOLVED	06-AUG-91	0.4	7.2	MG/L	
		SULFATE	06-AUG-91	2.0	67	MG/L	
		TOTAL DISSOLVED SOLIDS	06-AUG-91	10.0	560	MG/L	
		TOTAL SUSPENDED SOLIDS	06-AUG-91	4.0	9	MG/L	
		BICARBONATE AS CACO3	14-OCT-91	1.0	280	MG/L	
		CARBONATE AS CACO3	14-OCT-91	1.0	1	MG/L	U
		CHLORIDE	14-OCT-91	0.2	8.8	MG/L	
		FLUORIDE	14-OCT-91	0.1	0.7	MG/L	
		NITRATE/NITRITE	14-OCT-91	0.02	21	MG/L	
		ORTHOPHOSPHATE	14-OCT-91	0.01	0.02	MG/L	
		SILICA, DISSOLVED	14-OCT-91	0.4	7.3	MG/L	
		SULFATE	14-OCT-91	2.0	49	MG/L	
		TOTAL DISSOLVED SOLIDS	14-OCT-91	10.0	600	MG/L	
		TOTAL SUSPENDED SOLIDS	14-OCT-91	4.0	64	MG/L	
		BICARBONATE AS CACO3	26-MAR-91	1.0	290	MG/L	
		CARBONATE AS CACO3	26-MAR-91	1.0	0	MG/L	
		CHLORIDE	26-MAR-91	0.2	45	MG/L	
		FLUORIDE	26-MAR-91	0.1	0.8	MG/L	
		NITRATE/NITRITE	26-MAR-91	0.02	26	MG/L	
		ORTHOPHOSPHATE	26-MAR-91	0.01	0.02	MG/L	
		SILICA, DISSOLVED	26-MAR-91	0.4	7.6	MG/L	
		SULFATE	26-MAR-91	2.0	44	MG/L	
		TOTAL DISSOLVED SOLIDS	26-MAR-91	10.0	570	MG/L	
		TOTAL SUSPENDED SOLIDS	26-MAR-91	4.0	9	MG/L	
		BICARBONATE AS CACO3	29-MAY-91	1.0	280	MG/L	
		BICARBONATE AS CACO3	29-MAY-91	1.0	280	MG/L	
		BICARBONATE AS CACO3	29-MAY-91	1.0	2	MG/L	
		CARBONATE AS CACO3	29-MAY-91	1.0	1	MG/L	U
		CARBONATE AS CACO3	29-MAY-91	1.0	1	MG/L	U
		CARBONATE AS CACO3	29-MAY-91	1.0	1	MG/L	U
		CHLORIDE	29-MAY-91	0.2	49	MG/L	
		CHLORIDE	29-MAY-91	0.2	47	MG/L	
		CHLORIDE	29-MAY-91	0.2	0.2	MG/L	U
		FLUORIDE	29-MAY-91	0.1	0.7	MG/L	

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

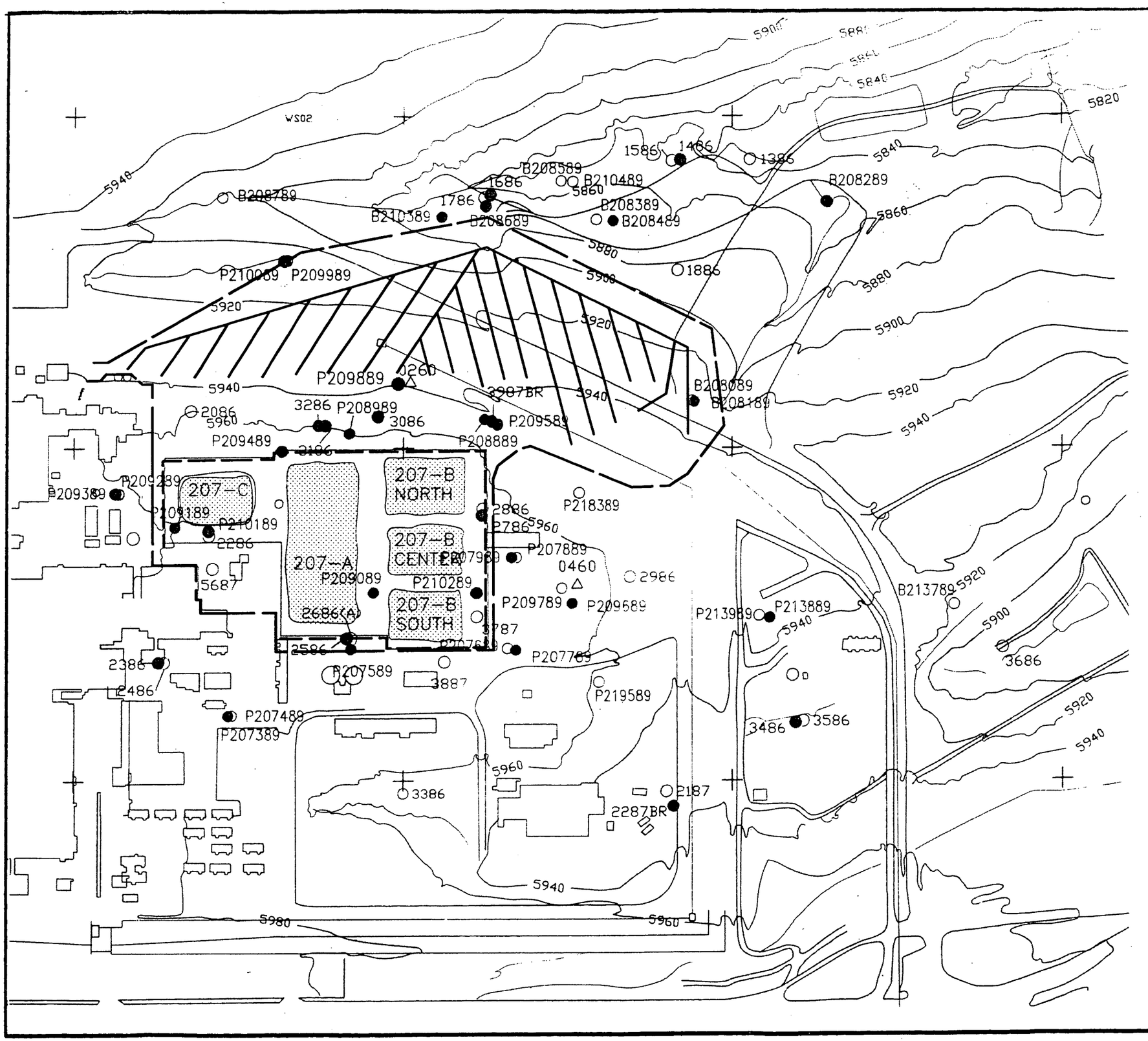
Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		FLUORIDE	29-MAY-91	0.1	0.7	MG/L	
		FLUORIDE	29-MAY-91	0.1	0.1	MG/L	U
		NITRATE/NITRITE	29-MAY-91	0.02	22	MG/L	
		NITRATE/NITRITE	29-MAY-91	0.02	0.02	MG/L	U
		NITRATE/NITRITE	29-MAY-91	0.02	24	MG/L	
		ORTHOPHOSPHATE	29-MAY-91	0.01	0.02	MG/L	
		ORTHOPHOSPHATE	29-MAY-91	0.01	0.01	MG/L	U
		ORTHOPHOSPHATE	29-MAY-91	0.01	0.02	MG/L	
		SILICA, DISSOLVED	29-MAY-91	0.4	7.2	MG/L	
		SILICA, DISSOLVED	29-MAY-91	0.4	7.3	MG/L	
		SILICA, DISSOLVED	29-MAY-91	0.4	0.4	MG/L	U
		SULFATE	29-MAY-91	2.0	43	MG/L	
		SULFATE	29-MAY-91	2.0	6	MG/L	
		SULFATE	29-MAY-91	2.0	42	MG/L	
		TOTAL DISSOLVED SOLIDS	29-MAY-91	10.0	560	MG/L	
		TOTAL DISSOLVED SOLIDS	29-MAY-91	10.0	10	MG/L	U
		TOTAL DISSOLVED SOLIDS	29-MAY-91	10.0	550	MG/L	
		TOTAL SUSPENDED SOLIDS	29-MAY-91	4.0	310	MG/L	
		TOTAL SUSPENDED SOLIDS	29-MAY-91	4.0	160	MG/L	
		TOTAL SUSPENDED SOLIDS	29-MAY-91	4.0	4	MG/L	U
P210289	RADS	GROSS ALPHA - DISSOLVED	26-MAR-91	2	67.82	PCI/L	
		GROSS BETA - DISSOLVED	26-MAR-91	4	36.15	PCI/L	
		RADIUM-226	26-MAR-91	.5	.6177	PCI/L	
		TRITIUM	26-MAR-91	400	152.4	PCI/L	J
		URANIUM-233,-234	26-MAR-91	.6	49.31	PCI/L	
		URANIUM-235	26-MAR-91	.6	1.94	PCI/L	
		URANIUM-238	26-MAR-91	.6	41.19	PCI/L	
P210289	VOA	1,1,1-TRICHLOROETHANE	05-JUN-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	05-JUN-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	05-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	05-JUN-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	05-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	05-JUN-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	05-JUN-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	05-JUN-91	5	5	UG/L	U
		2-BUTANONE	05-JUN-91	10	10	UG/L	U
		2-HEXANONE	05-JUN-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	05-JUN-91	10	10	UG/L	U
		ACETONE	05-JUN-91	10	10	UG/L	U
		BENZENE	05-JUN-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	05-JUN-91	5	5	UG/L	U
		BROMOFORM	05-JUN-91	5	5	UG/L	U
		BROMOMETHANE	05-JUN-91	10	10	UG/L	U
		CARBON DISULFIDE	05-JUN-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	05-JUN-91	5	5	UG/L	U
		CHLOROBENZENE	05-JUN-91	5	5	UG/L	U
		CHLOROETHANE	05-JUN-91	10	10	UG/L	U
		CHLOROFORM	05-JUN-91	5	5	UG/L	U
		CHLOROMETHANE	05-JUN-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	05-JUN-91	5	5	UG/L	U
		ETHYLBENZENE	05-JUN-91	5	5	UG/L	U
		METHYLENE CHLORIDE	05-JUN-91	5	1	UG/L	BJ
		STYRENE	05-JUN-91	5	5	UG/L	U
		TETRACHLOROETHENE	05-JUN-91	5	5	UG/L	U
		TOLUENE	05-JUN-91	5	5	UG/L	U
		TOTAL XYLENES	05-JUN-91	5	5	UG/L	U
		TRICHLOROETHENE	05-JUN-91	5	5	UG/L	U
		VINYL ACETATE	05-JUN-91	10	10	UG/L	U
		VINYL CHLORIDE	05-JUN-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	05-JUN-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	05-JUN-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	24-JUL-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	24-JUL-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	24-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	24-JUL-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	24-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	24-JUL-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	24-JUL-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	24-JUL-91	5	5	UG/L	U
		2-BUTANONE	24-JUL-91	10	10	UG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		2-HEXANONE	24-JUL-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	24-JUL-91	10	10	UG/L	U
		ACETONE	24-JUL-91	10	10	UG/L	U
		BENZENE	24-JUL-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	24-JUL-91	5	5	UG/L	U
		BROMOFORM	24-JUL-91	5	5	UG/L	U
		BROMOMETHANE	24-JUL-91	10	10	UG/L	U
		CARBON DISULFIDE	24-JUL-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	24-JUL-91	5	5	UG/L	U
		CHLOROBENZENE	24-JUL-91	5	5	UG/L	U
		CHLOROETHANE	24-JUL-91	10	10	UG/L	U
		CHLOROFORM	24-JUL-91	5	5	UG/L	U
		CHLOROMETHANE	24-JUL-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	24-JUL-91	5	5	UG/L	U
		ETHYLBENZENE	24-JUL-91	5	5	UG/L	U
		METHYLENE CHLORIDE	24-JUL-91	5	5	UG/L	U
		STYRENE	24-JUL-91	5	5	UG/L	U
		TETRACHLOROETHENE	24-JUL-91	5	5	UG/L	U
		TOLUENE	24-JUL-91	5	5	UG/L	U
		TOTAL XYLENES	24-JUL-91	5	5	UG/L	U
		TRICHLOROETHENE	24-JUL-91	5	5	UG/L	U
		VINYL ACETATE	24-JUL-91	10	10	UG/L	U
		VINYL CHLORIDE	24-JUL-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	24-JUL-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	24-JUL-91	5	5	UG/L	U
		1,1,1-TRICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1,2,2-TETRACHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1,2-TRICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,1-DICHLOROETHENE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHANE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROETHENE	26-MAR-91	5	5	UG/L	U
		1,2-DICHLOROPROPANE	26-MAR-91	5	5	UG/L	U
		2-BUTANONE	26-MAR-91	10	10	UG/L	U
		2-HEXANONE	26-MAR-91	10	10	UG/L	U
		4-METHYL-2-PENTANONE	26-MAR-91	10	10	UG/L	U
		ACETONE	26-MAR-91	10	10	UG/L	U
		BENZENE	26-MAR-91	5	5	UG/L	U
		BROMODICHLOROMETHANE	26-MAR-91	5	5	UG/L	U
		BROMOFORM	26-MAR-91	5	5	UG/L	U
		BROMOMETHANE	26-MAR-91	10	10	UG/L	U
		CARBON DISULFIDE	26-MAR-91	5	5	UG/L	U
		CARBON TETRACHLORIDE	26-MAR-91	5	5	UG/L	U
		CHLOROBENZENE	26-MAR-91	5	5	UG/L	U
		CHLOROETHANE	26-MAR-91	10	10	UG/L	U
		CHLOROFORM	26-MAR-91	5	5	UG/L	U
		CHLOROMETHANE	26-MAR-91	10	10	UG/L	U
		DIBROMOCHLOROMETHANE	26-MAR-91	5	5	UG/L	U
		ETHYLBENZENE	26-MAR-91	5	5	UG/L	U
		METHYLENE CHLORIDE	26-MAR-91	5	5	UG/L	U
		STYRENE	26-MAR-91	5	5	UG/L	U
		TETRACHLOROETHENE	26-MAR-91	5	5	UG/L	U
		TOLUENE	26-MAR-91	5	5	UG/L	U
		TOTAL XYLENES	26-MAR-91	5	5	UG/L	U
		TRICHLOROETHENE	26-MAR-91	5	5	UG/L	U
		VINYL ACETATE	26-MAR-91	10	10	UG/L	U
		VINYL CHLORIDE	26-MAR-91	10	10	UG/L	U
		cis-1,3-DICHLOROPROPENE	26-MAR-91	5	5	UG/L	U
		trans-1,3-DICHLOROPROPENE	26-MAR-91	5	5	UG/L	U
P210289	WQHP	BICARBONATE AS CACO3	05-JUN-91	1.0	230	MG/L	
		CARBONATE AS CACO3	05-JUN-91	1.0	1	MG/L	U
		CHLORIDE	05-JUN-91	0.2	690	MG/L	
		FLUORIDE	05-JUN-91	0.1	4.5	MG/L	
		NITRATE/NITRITE	05-JUN-91	0.02	18	MG/L	
		SILICA, DISSOLVED	05-JUN-91	0.4	5.1	MG/L	
		SULFATE	05-JUN-91	2.0	670	MG/L	
		TOTAL DISSOLVED SOLIDS	05-JUN-91	10.0	2500	MG/L	
		TOTAL SUSPENDED SOLIDS	05-JUN-91	4.0	13	MG/L	
		BICARBONATE AS CACO3	24-JUL-91	1.0	260	MG/L	
		CARBONATE AS CACO3	24-JUL-91	1.0	1	MG/L	U

ANALYTICAL DATA TABLES FOR 1991 GROUNDWATER QUALITY
SOLAR EVAPORTION PONDS - WEATHERED BEDROCK

Well ID	Analyte Group	Analyte	Sample Date	Detection Limit	Concentration	Unit	Lab Qualifier
		CHLORIDE	24-JUL-91	0.2	570	MG/L	
		FLUORIDE	24-JUL-91	0.1	4.3	MG/L	
		SILICA, DISSOLVED	24-JUL-91	0.4	5.9	MG/L	
		SULFATE	24-JUL-91	2.0	850	MG/L	
		TOTAL DISSOLVED SOLIDS	24-JUL-91	10.0	2500	MG/L	
		TOTAL SUSPENDED SOLIDS	24-JUL-91	4.0	13	MG/L	
		NITRATE/NITRITE	26-MAR-91	0.02	16	MG/L	



EXPLANATION

Alluvial Monitoring Well

B208689 Bedrock Monitoring Well

0460 Pre-1986 Monitoring Well

Operable Unit Boundary

Compliance Boundary

French Drain System

-N-

TOPOGRAPHIC CONTOUR INTERVAL = 20'

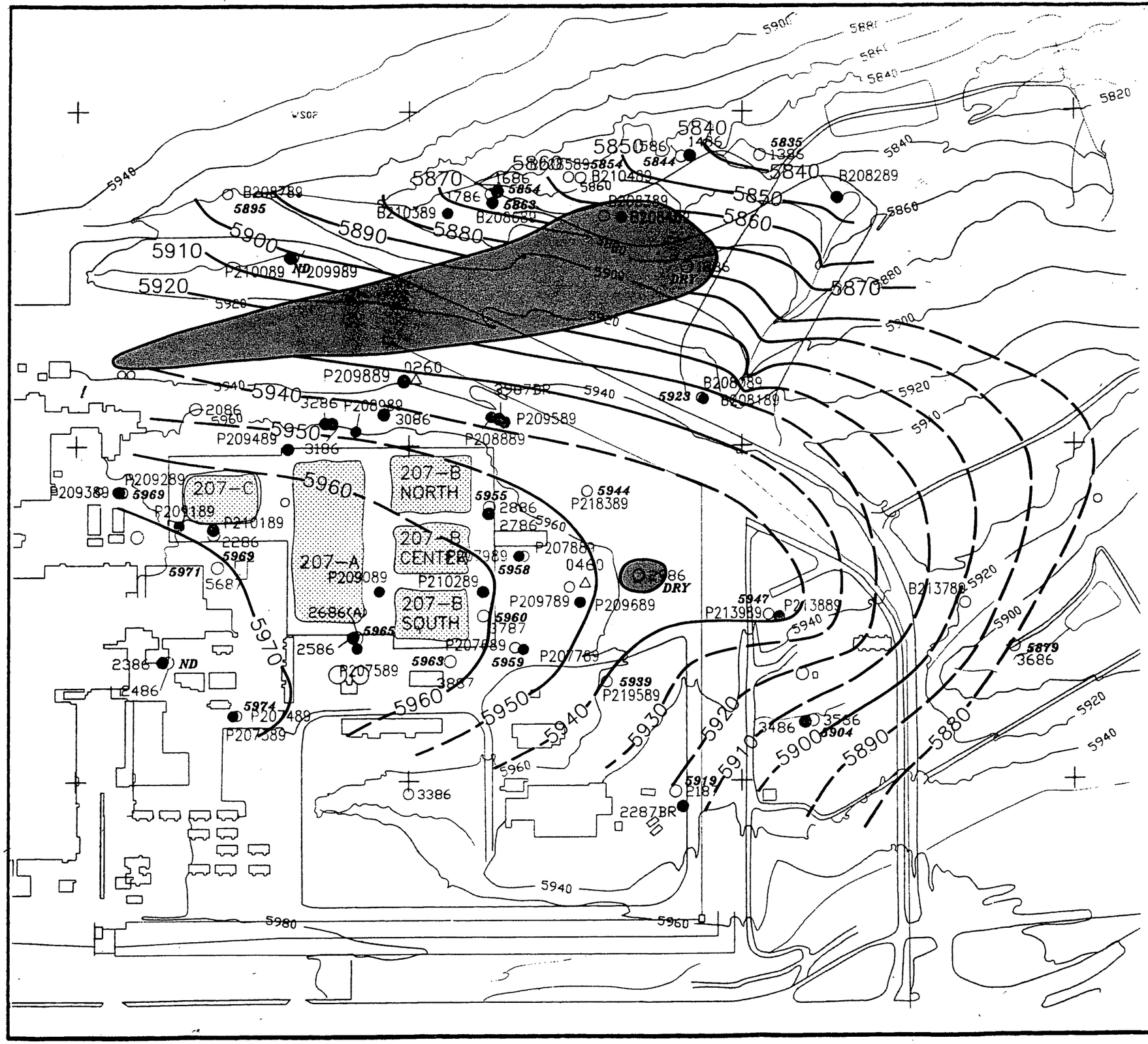
0 300'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

SOLAR EVAPORATION PONDS
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 2-1
Waste Management Area and
Monitoring Well Location

FEBRUARY, 1992



EXPLANATION

- Alluvial Monitoring Well
- Bedrock Monitoring Well
- Pre-1986 Monitoring Well
- 5900 — Line of Equal Groundwater Elevation (Dashed where inferred)
- 5897 Groundwater Elevation in feet mean sea level
- Unsaturated Zone

-N-

TOPOGRAPHIC CONTOUR INTERVAL = 20'

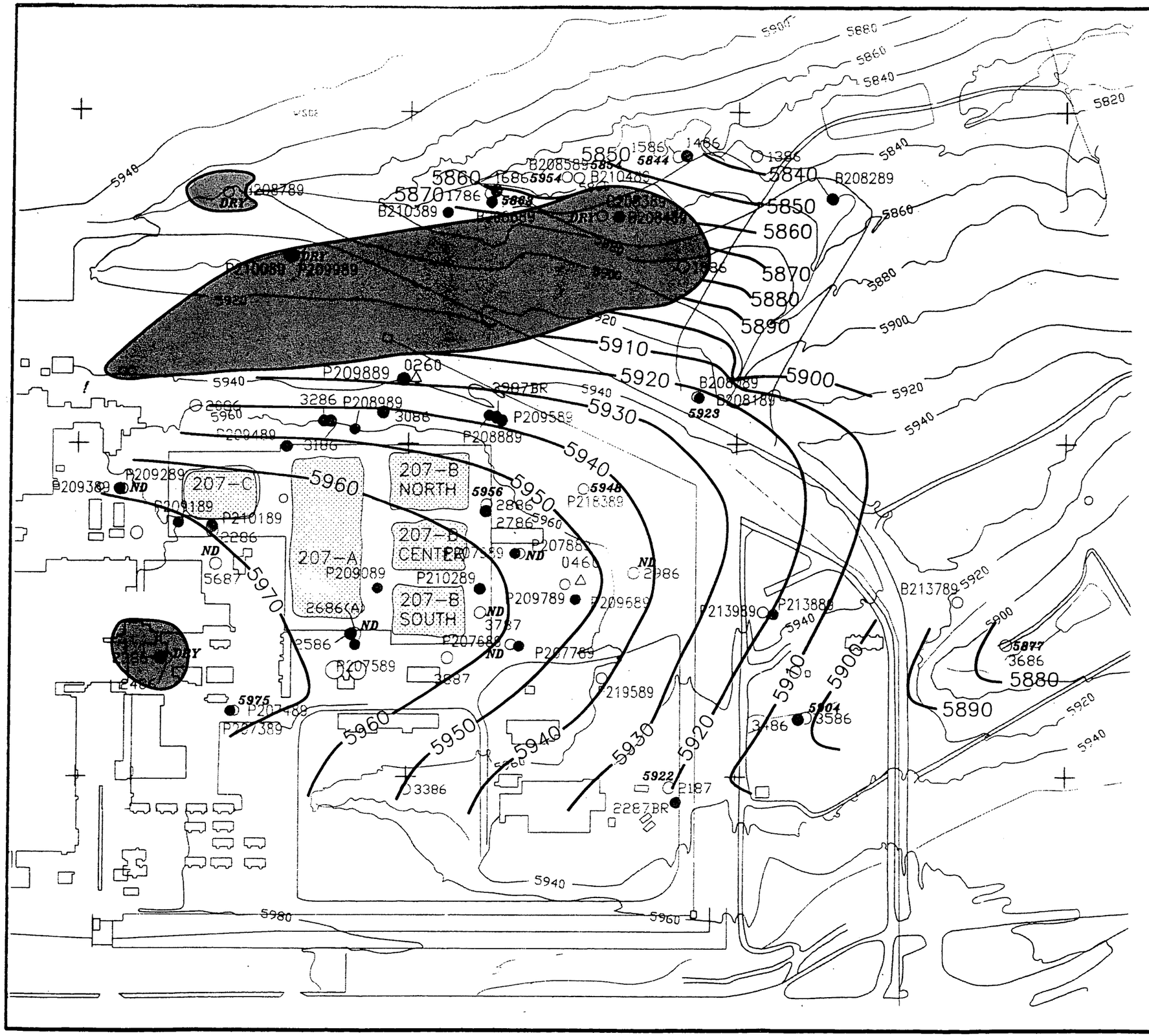
0 300'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

SOLAR EVAPORATION PONDS
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 2-2
Potentiometric Surface Map
Surficial Materials
First Quarter 1991
(January)

FEBRUARY, 1992



EXPLANATION

- Alluvial Monitoring Well
- B206689 — Bedrock Monitoring Well
- 0460 — Pre-1986 Monitoring Well
- 5900 — Line of Equal Groundwater Elevation (Dashed where inferred)
- 5897 — Groundwater Elevation in feet mean sea level
- Unsaturated Zone

-N-

TOPOGRAPHIC CONTOUR INTERVAL = 20'

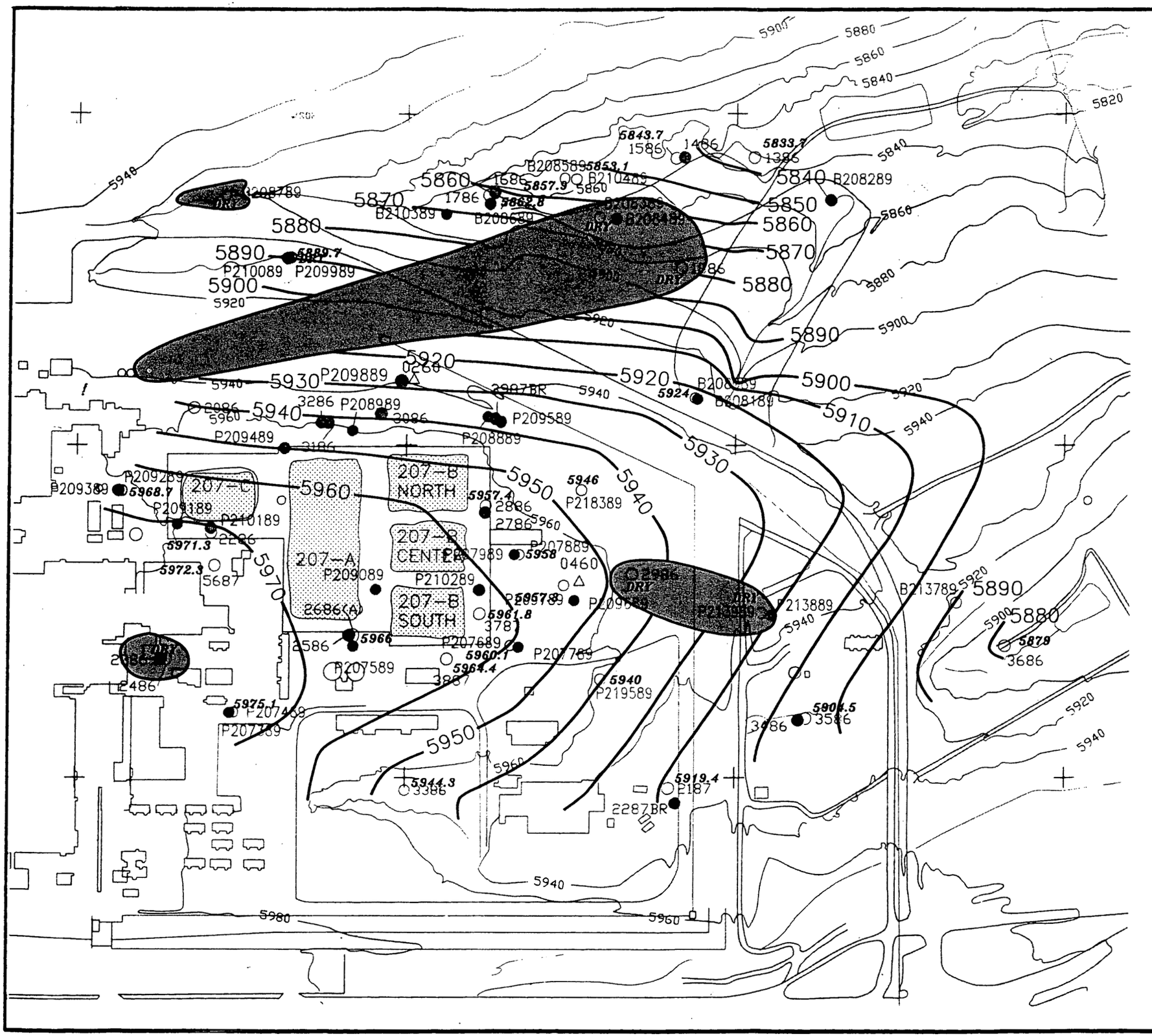
0 300'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

SOLAR EVAPORATION PONDS
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 2-3
Potentiometric Surface Map
Surficial Materials
Second Quarter 1991
(April)

FEBRUARY, 1992



EXPLANATION

B106089 ○ Alluvial Monitoring Well

B206689 ● Bedrock Monitoring Well

0460 △ Pre-1986 Monitoring Well

5900 Line of Equal Groundwater Elevation (Dashed where inferred)

5897 Groundwater Elevation in feet mean sea level

Unsaturated Zone

TOPOGRAPHIC CONTOUR INTERVAL = 20'

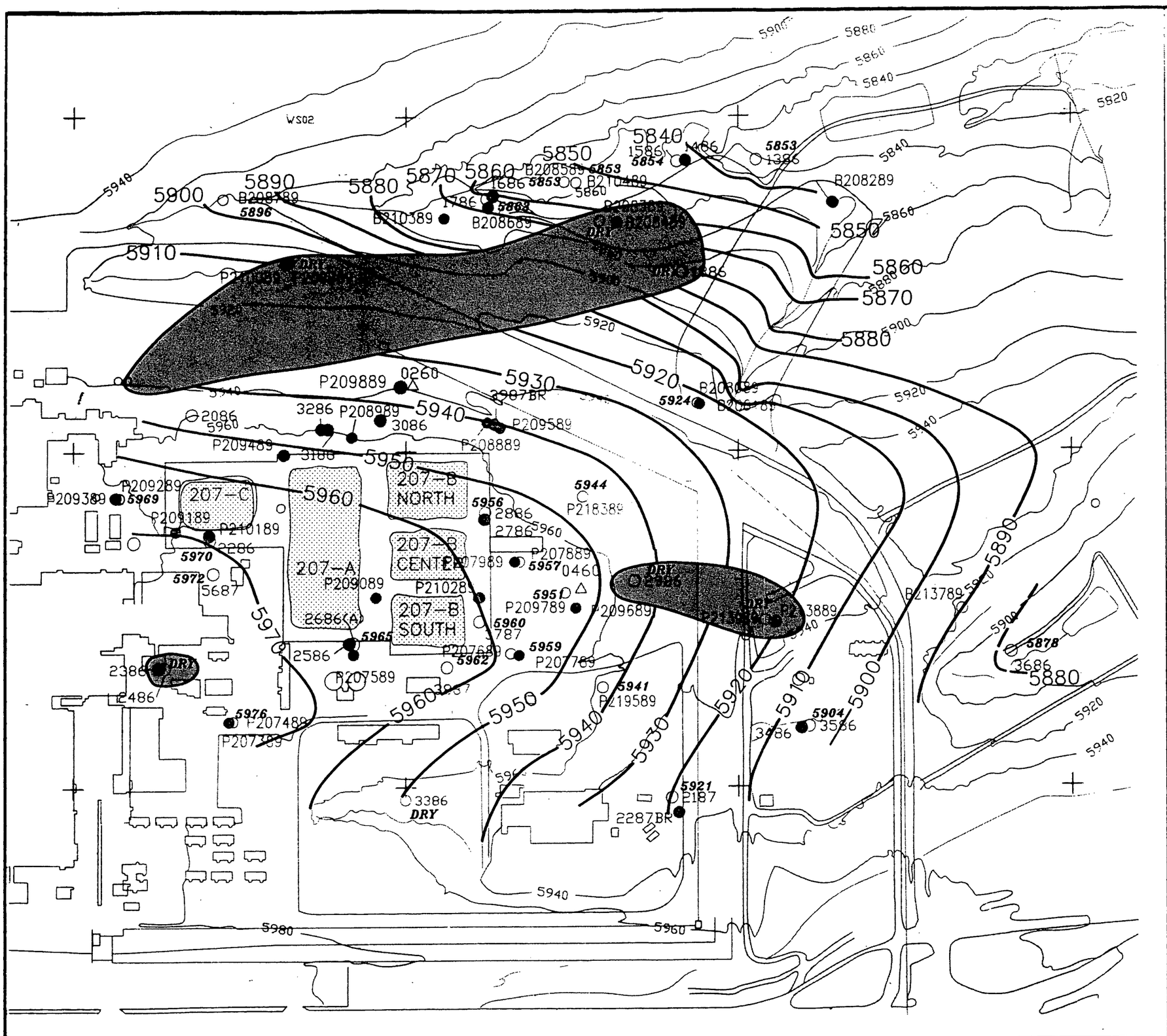
0 300'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

SOLAR EVAPORATION PONDS
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 2-4
Potentiometric Surface Map
Surficial Materials
Third Quarter 1991
(July)

FEBRUARY, 1992



EXPLANATION

Alluvial Monitoring Well

B206689 Bedrock Monitoring Well

0460 Pre-1986 Monitoring Well

5900 Line of Equal Groundwater Elevation (Dashed where inferred)

5897 Groundwater Elevation in feet mean sea level

Unsaturated Zone

-N-

TOPOGRAPHIC CONTOUR INTERVAL = 20'

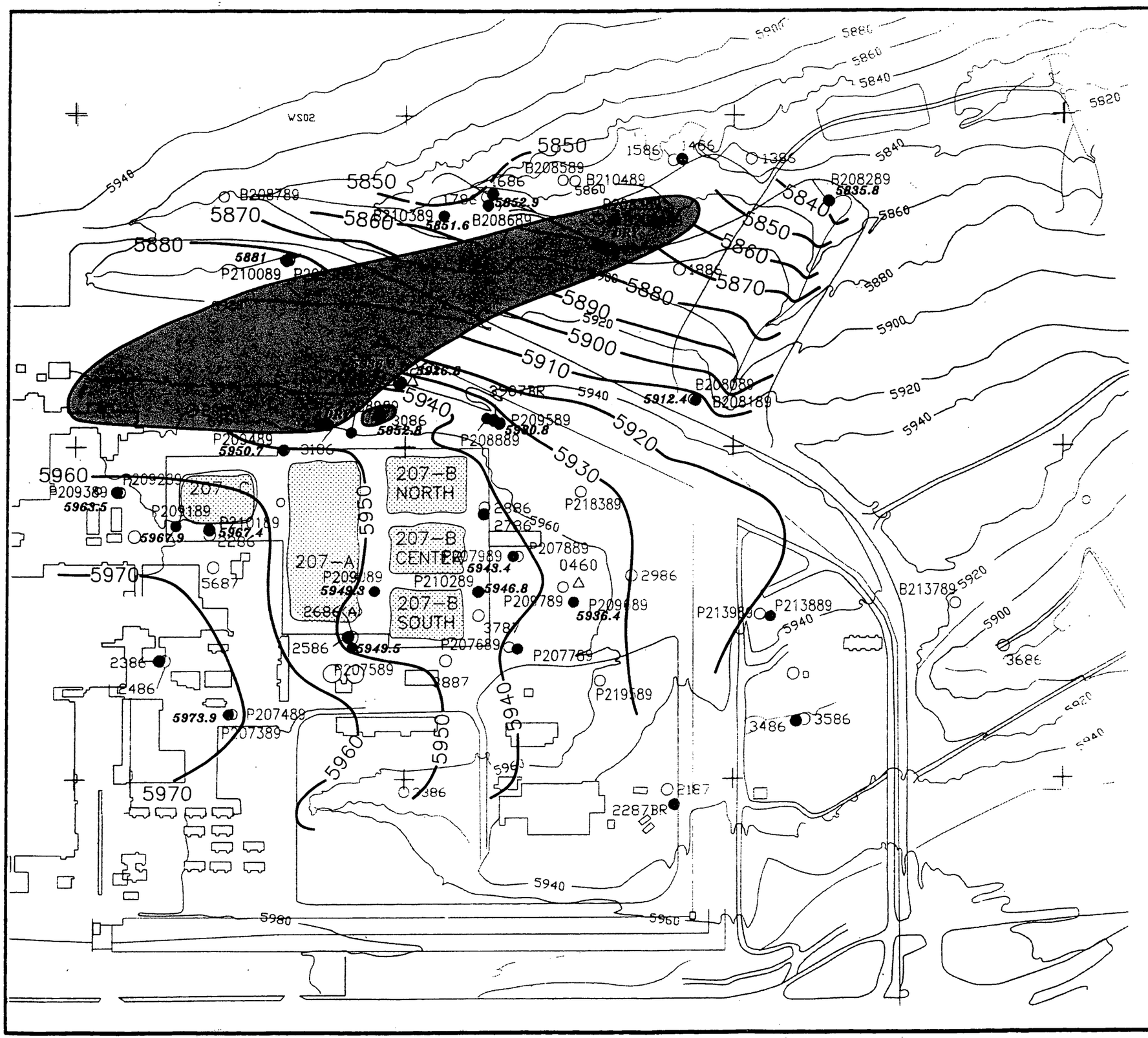
0 300'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

SOLAR EVAPORATION PONDS
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 2-5
Potentiometric Surface Map
Surficial Materials
Fourth Quarter 1991
(October)

FEBRUARY, 1992



EXPLANATION

B106085 ○ Alluvial Monitoring Well

B206689 ● Bedrock Monitoring Well

0460 △ Pre-1986 Monitoring Well

5900 — Line of Equal Groundwater Elevation (Dashed where inferred)

5897 Groundwater Elevation in feet mean sea level

Unsaturated Zone

TOPOGRAPHIC CONTOUR INTERVAL = 20'

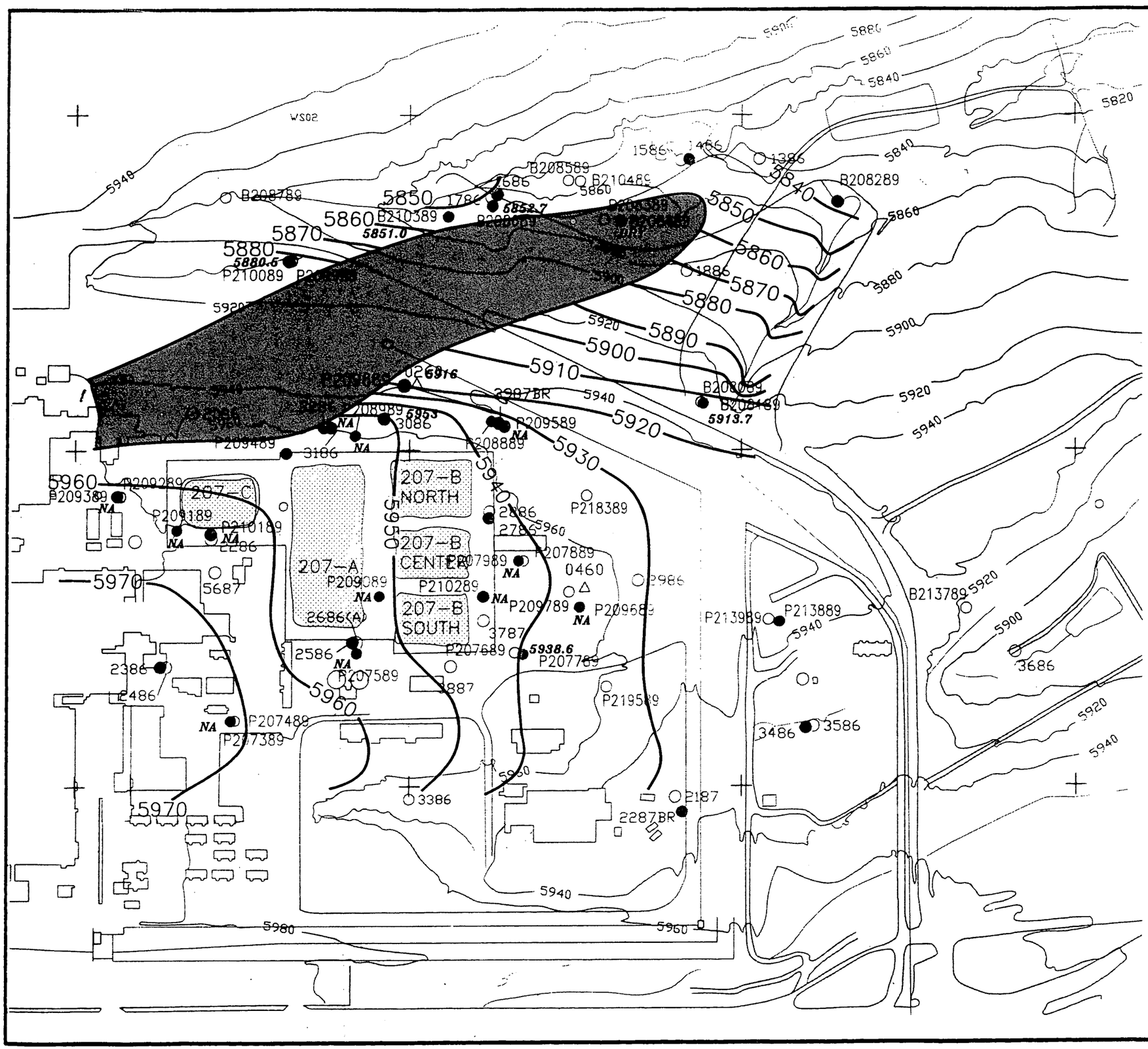
0 300'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

SOLAR EVAPORATION PONDS
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 2-6
Potentiometric Surface Map
Weathered Bedrock
First Quarter 1991
(January)

FEBRUARY, 1992



EXPLANATION

B106089 C — Alluvial Monitoring Well

B206689 ● — Bedrock Monitoring Well

0460 △ — Pre-1986 Monitoring Well

5900 — Line of Equal Groundwater Elevation (Dashed where inferred)

5897 — Groundwater Elevation in feet mean sea level

Unsaturated Zone

-N-

TOPOGRAPHIC CONTOUR INTERVAL = 20'

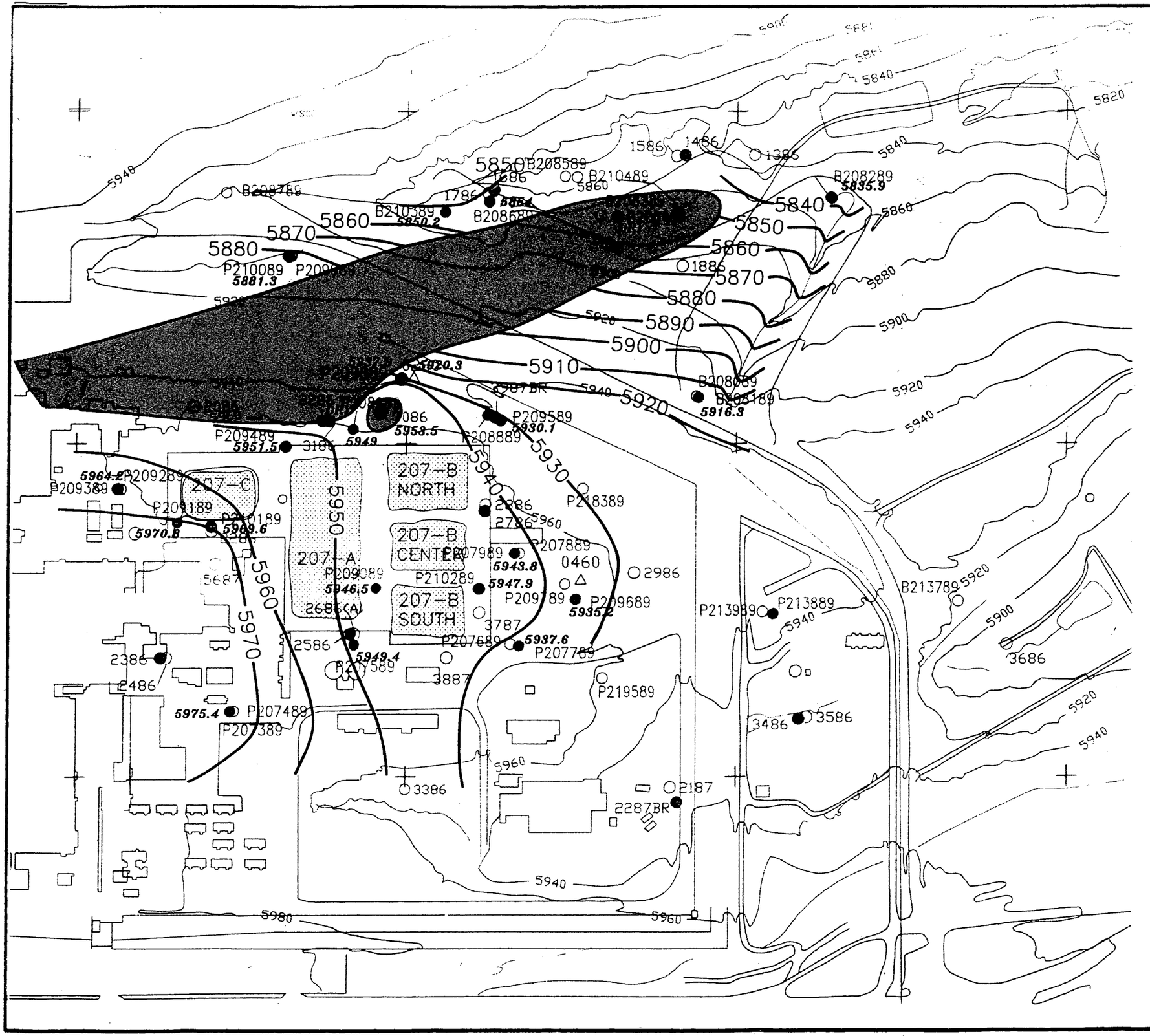
0 300'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

SOLAR EVAPORATION PONDS
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 2-7
Potentiometric Surface Map
Weathered Bedrock
Second Quarter 1991
(April)

FEBRUARY, 1992



EXPLANATION

Alluvial Monitoring Well

B206689 Bedrock Monitoring Well

0460 Pre-1986 Monitoring Well

5900 Line of Equal Groundwater Elevation (Dashed where inferred)

5897 Groundwater Elevation in feet mean sea level

Unsaturated Zone

-N-

TOPOGRAPHIC CONTOUR INTERVAL = 20'

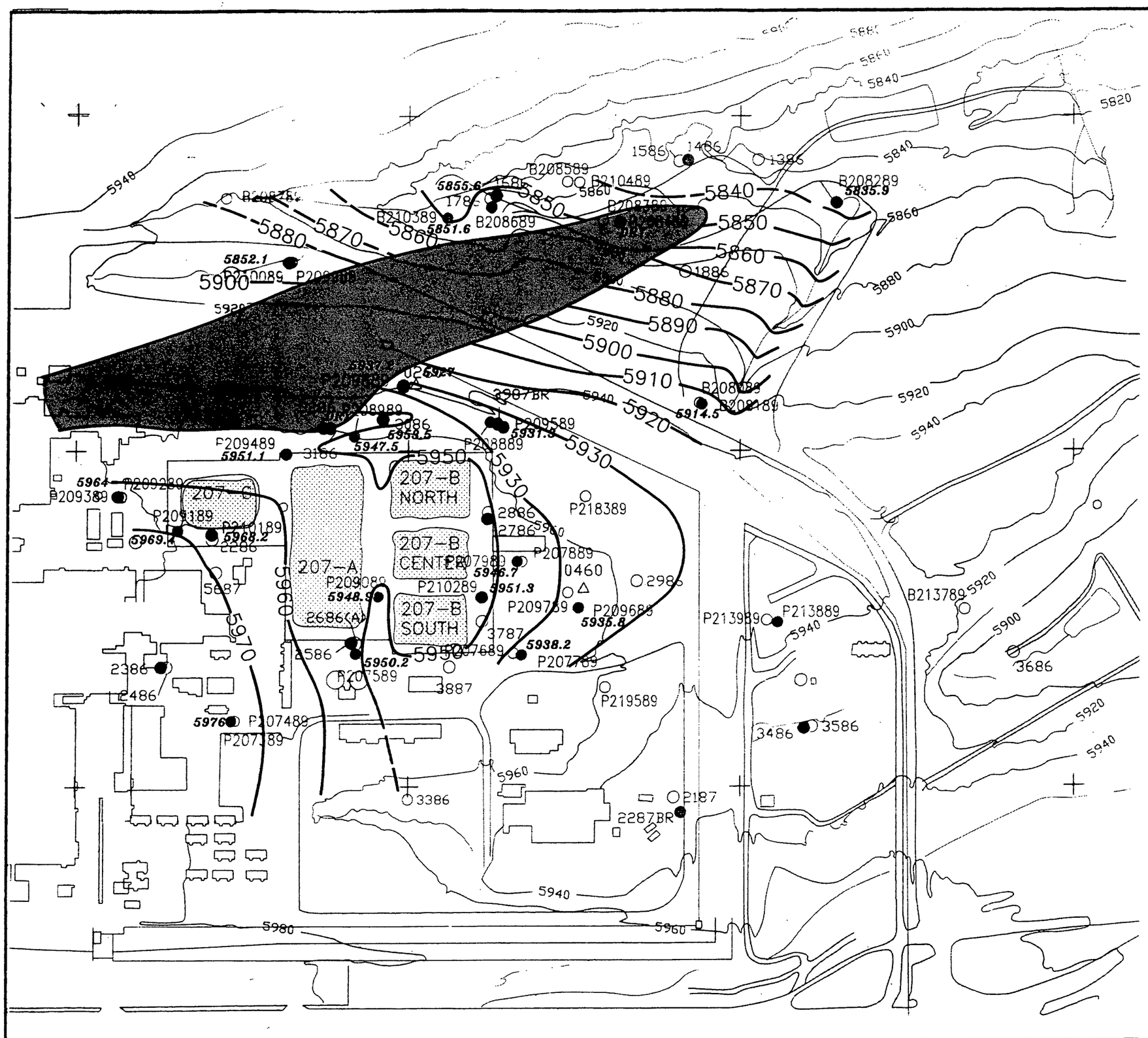
0 300'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

SOLAR EVAPORATION PONDS
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 2-8
Potentiometric Surface Map
Weathered Bedrock
Third Quarter 1991
(July)

FEBRUARY, 1992



EXPLANATION

- Alluvial Monitoring Well
- B206689 Bedrock Monitoring Well
- 0460 Pre-1986 Monitoring Well
- 5900 Line of Equal Groundwater Elevation (Dashed where inferred)
- 5897 Groundwater Elevation in feet mean sea level
- Unsaturated Zone

-N-

TOPOGRAPHIC CONTOUR INTERVAL = 20'

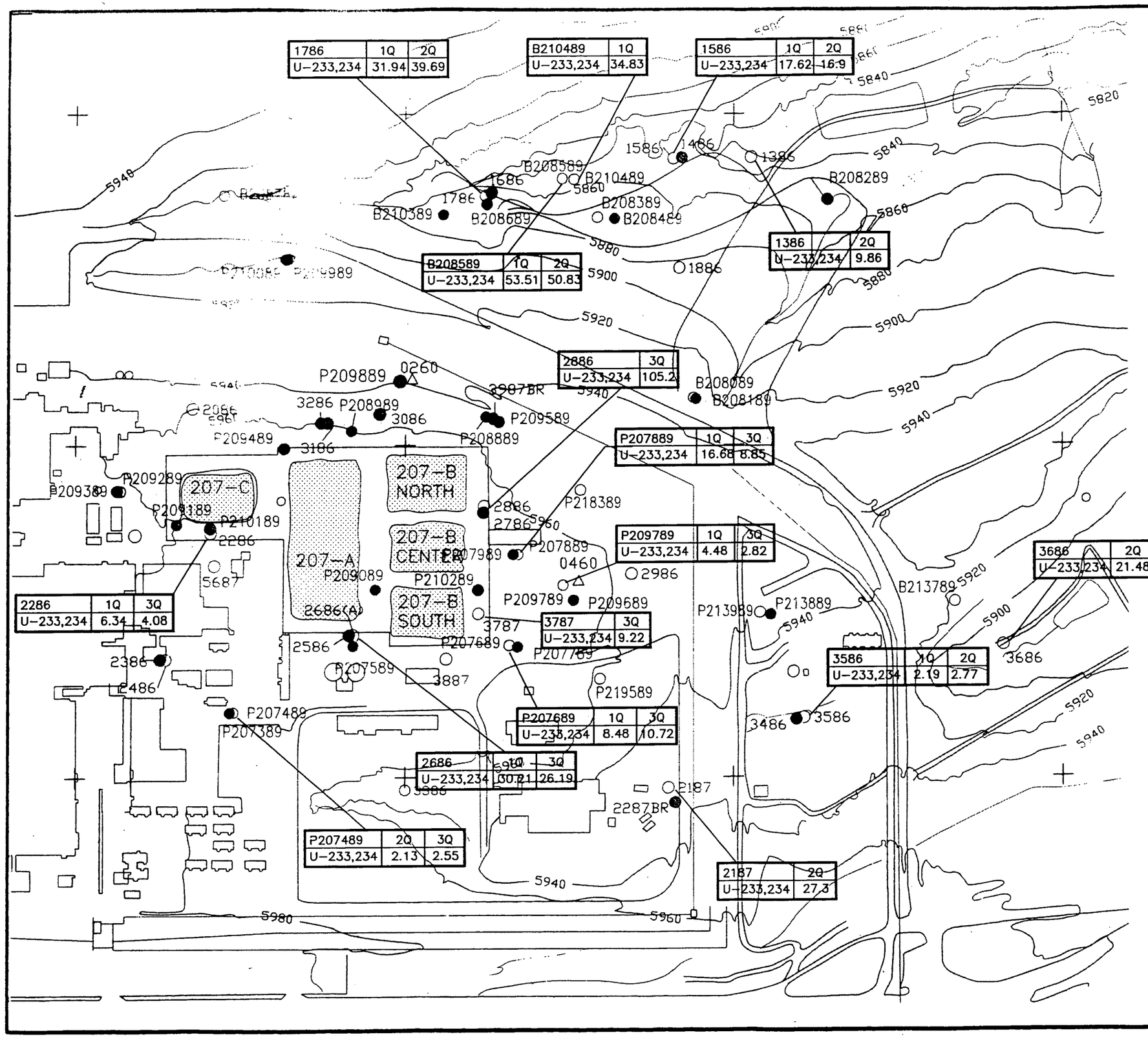
0 300'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

SOLAR EVAPORATION PONDS
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 2-9
Potentiometric Surface Map
Weathered Bedrock
Fourth Quarter 1991
(October)

FEBRUARY, 1992



EXPLANATION

B106089 Alluvial Monitoring Well

B206689 Bedrock Monitoring Well

0460 Pre-1986 Monitoring Well

Well Number	1386	2Q
Analyte	U-233,234	9.86

Well Number — Quarter; Analyte — Concentration in picocuries per liter (pCi/l)

U-233,234 Uranium-233,234

U-238 Uranium-238

-N-

TOPOGRAPHIC CONTOUR INTERVAL = 20'

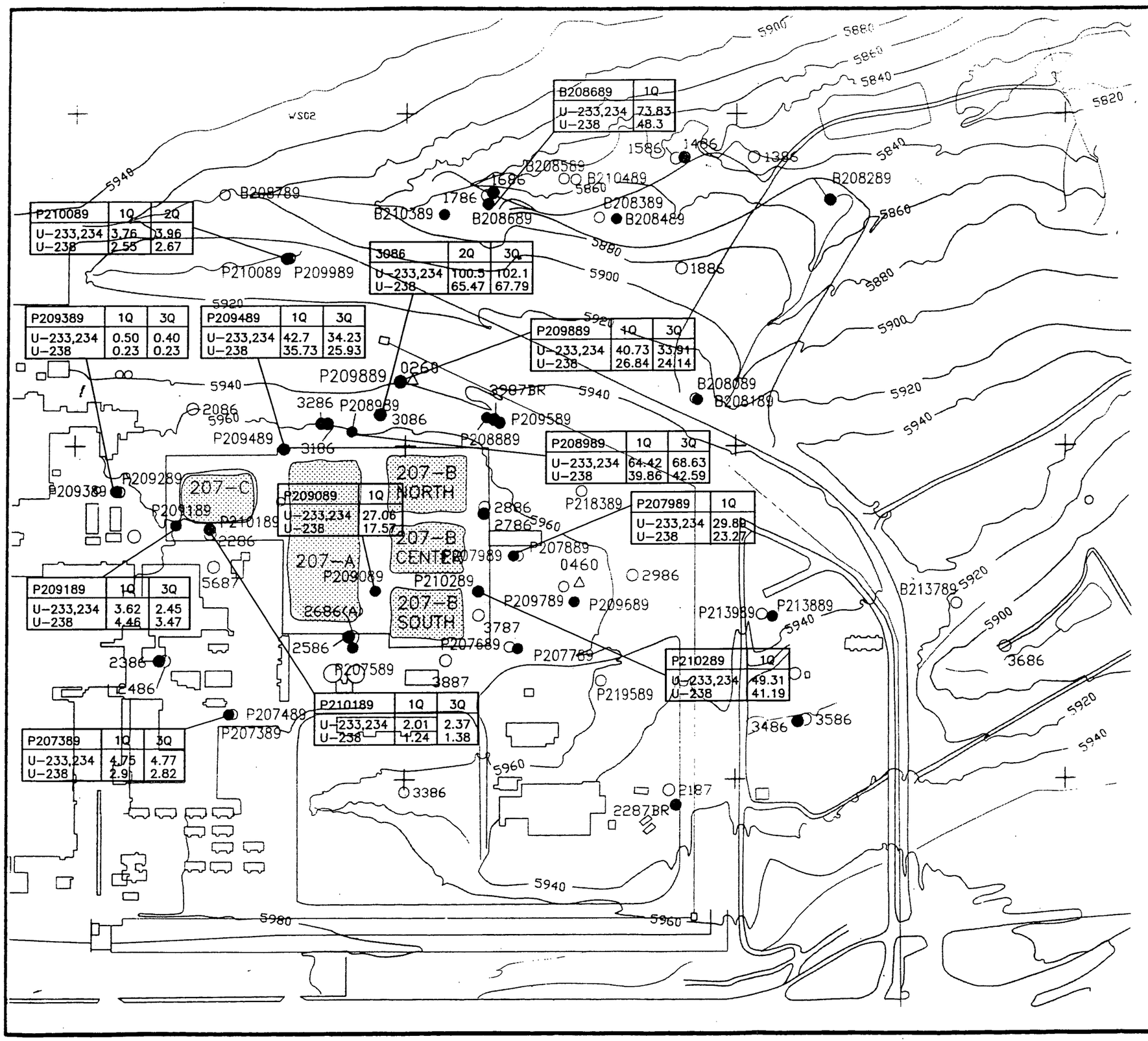
0 300'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

SOLAR EVAPORATION PONDS
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 2-10
Dissolved Uranium-233,234
in Surficial Materials, 1991

FEBRUARY, 1992



EXPLANATION

Alluvial Monitoring Well

B208689 Bedrock Monitoring Well

0460 Pre-1986 Monitoring Well

Well Number	1386	2Q	Quarter
Analyte	U-238	9.86	Concentration in picocuries per liter (pCi/l)

U-233,234 Uranium-233,234

U-238 Uranium-238

-N-

TOPOGRAPHIC CONTOUR INTERVAL = 20'

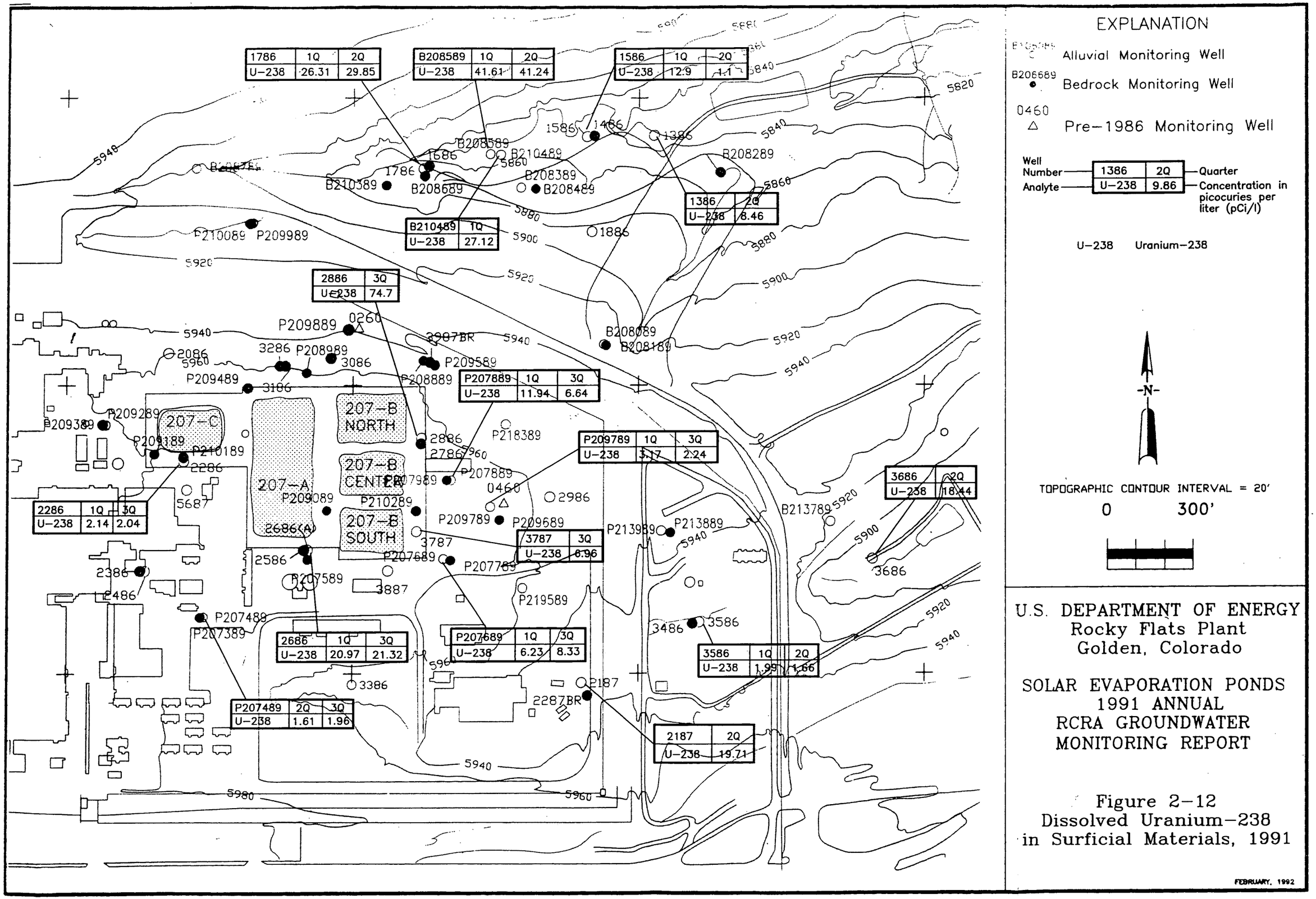
0 300'

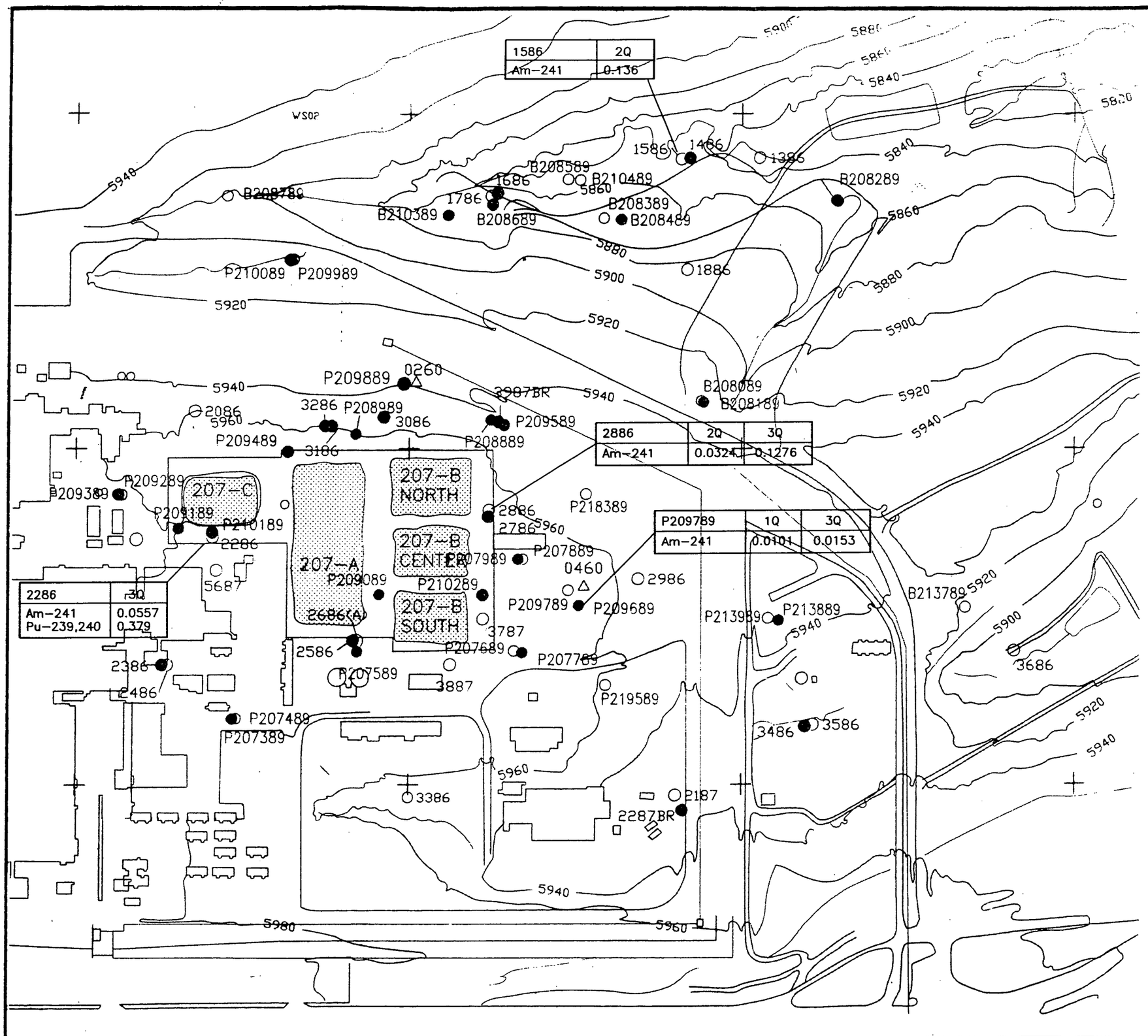
U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

SOLAR EVAPORATION PONDS
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 2-11
Dissolved Uranium-233,234
and Dissolved Uranium-238
in Weathered Bedrock, 1991

FEBRUARY, 1992


EXPLANATION
Alluvial Monitoring Well
Bedrock Monitoring Well
Pre-1986 Monitoring Well
Well Number
Analyte
1386 | 2Q
U-238 | 9.86
Quarter
Concentration in picocuries per liter (pCi/l)
U-238 Uranium-238
-N-
TOPOGRAPHIC CONTOUR INTERVAL = 20'
0 300'
U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado
SOLAR EVAPORATION PONDS
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT
Figure 2-12
Dissolved Uranium-238
in Surficial Materials, 1991
FEBRUARY, 1992
1786 | 1Q | 2Q
U-238 | 26.31 | 29.85
B208589 | 1Q | 2Q
U-238 | 41.61 | 41.24
1586 | 1Q | 2Q
U-238 | 12.9 | 1.1
1386 | 2Q
U-238 | 8.46
B210489 | 1Q
U-238 | 27.12
2886 | 3Q
U-238 | 74.7
P207889 | 1Q | 3Q
U-238 | 11.94 | 6.64
P209789 | 1Q | 3Q
U-238 | 3.17 | 2.24
3686 | 2Q
U-238 | 18.44
2286 | 1Q | 3Q
U-238 | 2.14 | 2.04
3787 | 3Q
U-238 | 6.96
2686 | 1Q | 3Q
U-238 | 20.97 | 21.32
P207689 | 1Q | 3Q
U-238 | 6.23 | 8.33
3586 | 1Q | 2Q
U-238 | 1.99 | 1.66
P207489 | 2Q | 3Q
U-238 | 1.61 | 1.96
2187 | 2Q
U-238 | 19.71
207-A
207-B NORTH
207-B CENTER
207-B SOUTH
207-C



EXPLANATION

Alluvial Monitoring Well

Bedrock Monitoring Well

Pre-1986 Monitoring Well

Well Number	P210189	1Q	Quarter
Analyte	Pu-239,240	0.0124	Concentration in picocuries per liter (pCi/l)

Am-241 Americium-241 (total)

Pu-239,240 Plutonium-239,240 (total)

-N-

TOPOGRAPHIC CONTOUR INTERVAL = 20'

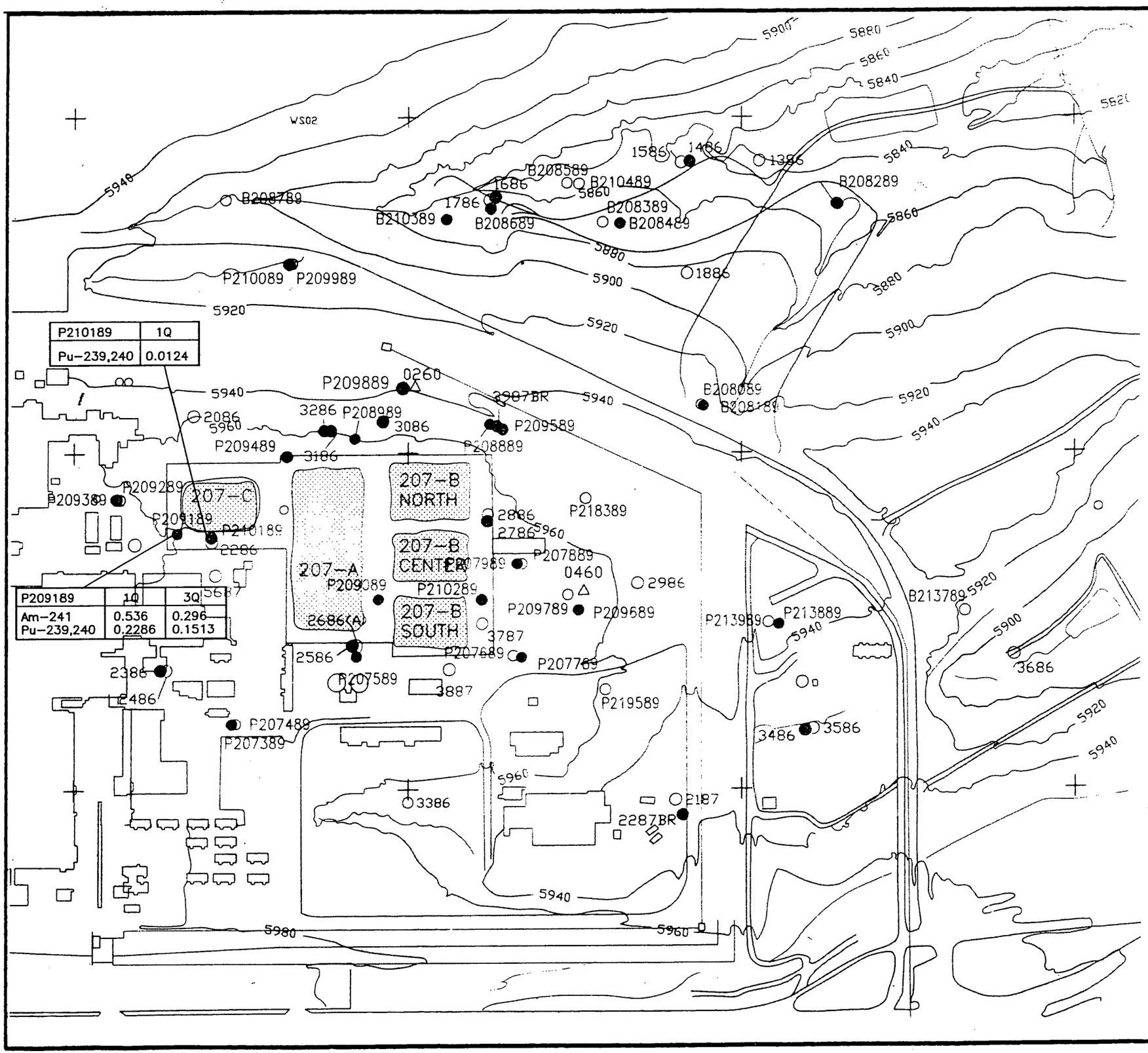
0 300'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

SOLAR EVAPORATION PONDS
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 2-13
Total Americium-241 and
Total Plutonium-239,240 in
Surficial Materials, 1991

FEBRUARY, 1992



EXPLANATION

P206089 Alluvial Monitoring Well

B206689 Bedrock Monitoring Well

0460 Pre-1986 Monitoring Well

P210189	1Q	Quarter
Pu-239,240	0.0124	Concentration in picocuries per liter (pCi/l)

Well Number — Analyte

Am-241 Americium-241 (total)

Pu-239,240 Plutonium-239,240 (total)

-N-

TOPOGRAPHIC CONTOUR INTERVAL = 20'

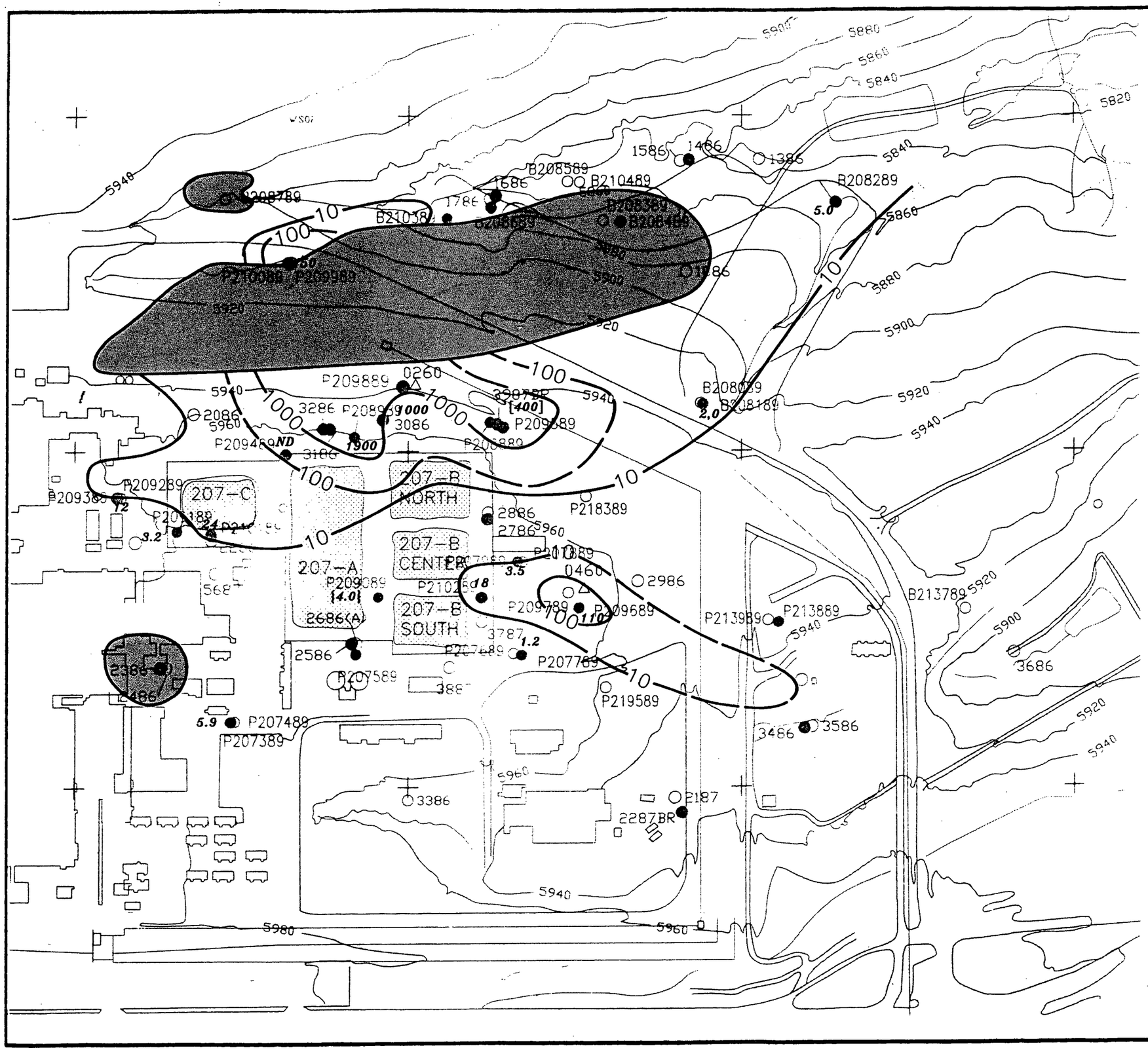
0 300'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

SOLAR EVAPORATION PONDS
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 2-14
Total Americium-241 and
Total Plutonium-239,240 in
Weathered Bedrock, 1991

FEBRUARY, 1992



EXPLANATION

B105089 Alluvial Monitoring Well

B206689 Bedrock Monitoring Well

0460 Pre-1986 Monitoring Well

—10— Line of Equal Concentration (Dashed where inferred)

Contour Intervals— 10, 100, 1000, 2000 milligrams per liter (mg/l)

Unsaturated Zone

63 Analyte Concentration in mg/l

NOTE: Values in brackets are taken from another quarter in 1991 because no data was available for second quarter.

TOPOGRAPHIC CONTOUR INTERVAL = 20'

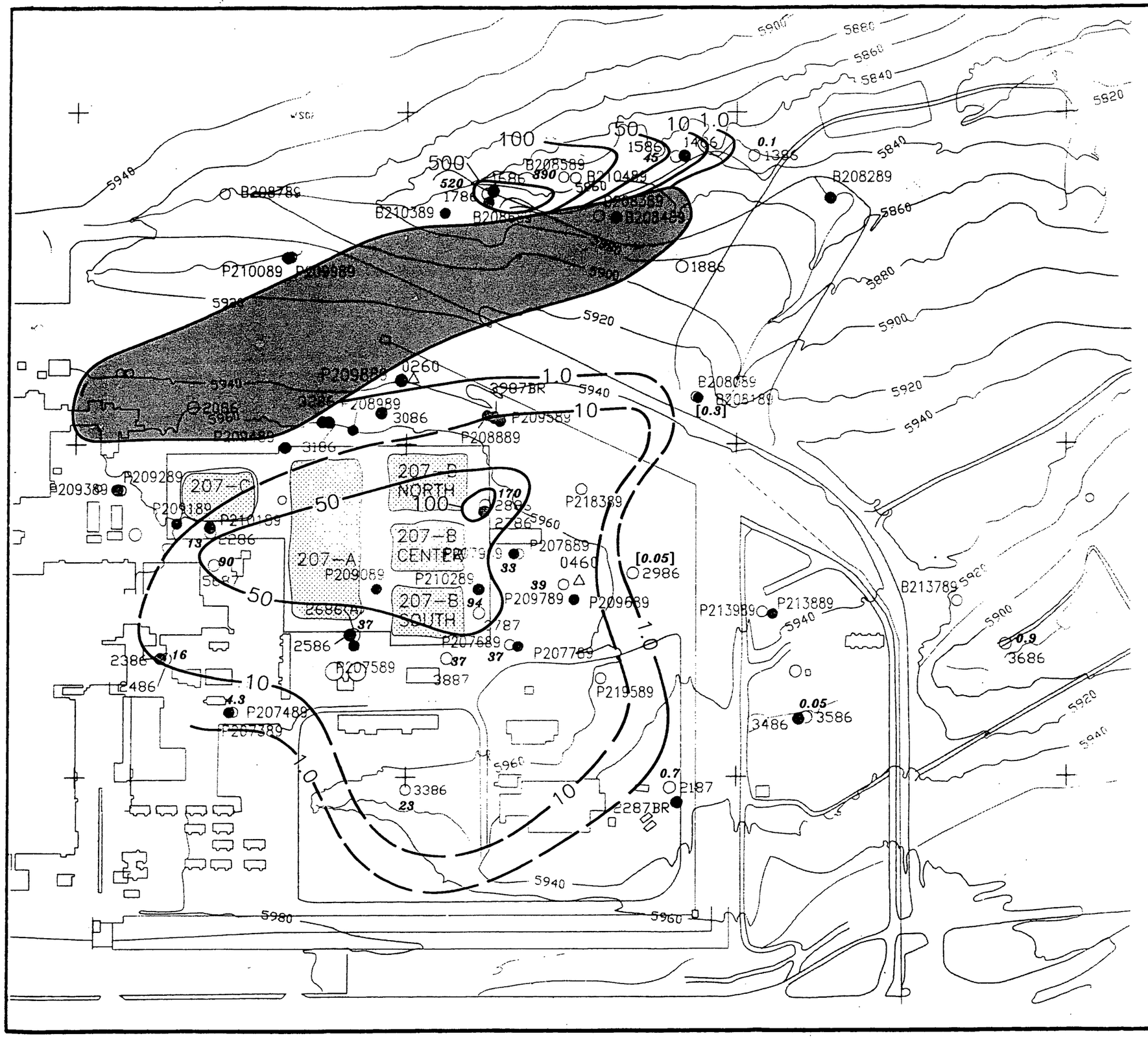
0 300'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

SOLAR EVAPORATION PONDS
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 2-15
Nitrate and Nitrite in
Surficial Materials,
Second Quarter 1991

FEBRUARY, 1992



EXPLANATION

Alluvial Monitoring Well

Bedrock Monitoring Well

Pre–1986 Monitoring Well

Line of Equal Concentration (Dashed where inferred)

Contour Intervals– 500, 100, 50, 10, 1.0 milligrams per liter (mg/l)

Unsaturated Zone

63 Analyte Concentration in mg/l

NOTE: Values in brackets are taken from another quarter in 1991 because no data was available for second quarter.

-N-

TOPOGRAPHIC CONTOUR INTERVAL = 20'

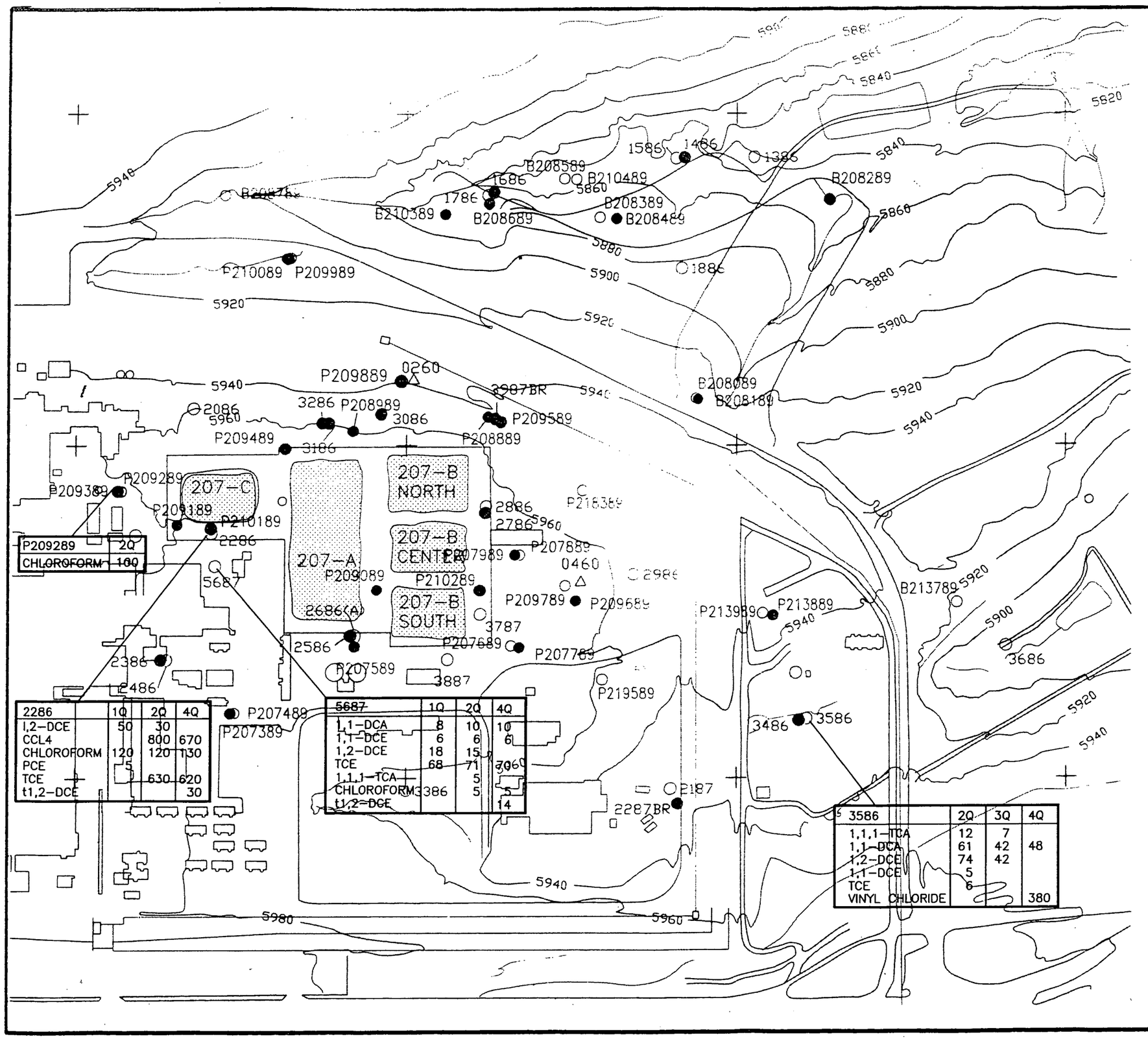
0 300'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

SOLAR EVAPORATION PONDS
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 2–16
Nitrate and Nitrite in
Weathered Bedrock,
Second Quarter 1991

FEBRUARY, 1992



EXPLANATION

Alluvial Monitoring Well

Bedrock Monitoring Well

0460 △ Pre-1986 Monitoring Well

Well Number	P209289	2Q	Quarter
Analyte	CHLOROFORM	100	Concentration in micrograms per liter (ug/l)

1,1-DCA	1,1-Dichloroethane
1,1-DCE	1,1-Dichloroethene
1,2-DCE	1,2-Dichloroethene
CCL4	Carbon tetrachloride
PCE	Tetrachloroethene
TCE	Trichloroethene
t1,2-DCE	trans-1,2-Dichloroethene
1,1,1-TCA	1,1,1-Trichloroethane

-N-

TOPOGRAPHIC CONTOUR INTERVAL = 20'

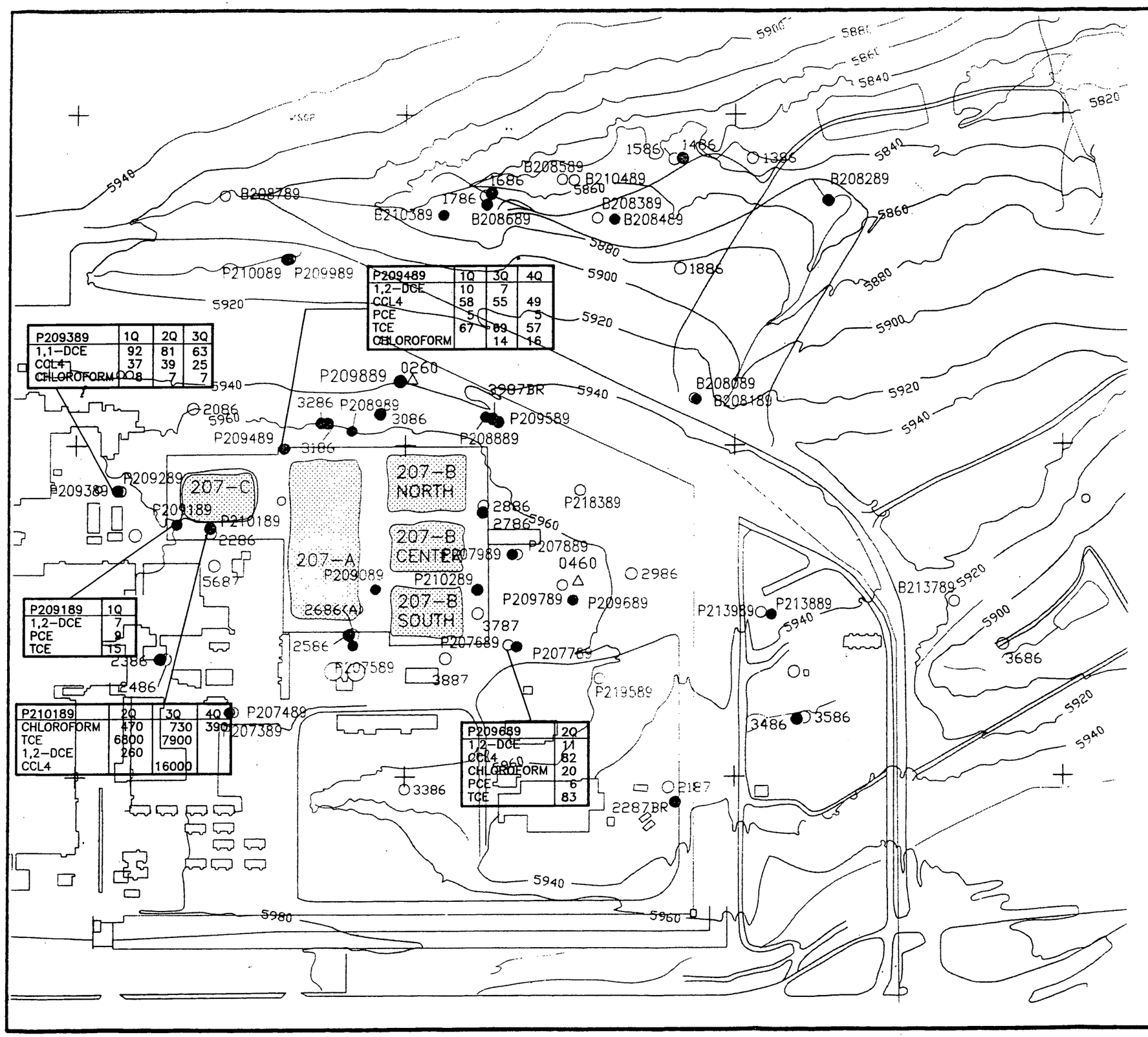
0 300'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

SOLAR EVAPORATION PONDS
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 2-17
Volatile Organic Compounds in Surficial Materials, 1991

FEBRUARY, 1992



EXPLANATION

Alluvial Monitoring Well

Bedrock Monitoring Well

Pre-1986 Monitoring Well

Well Number	P209289	2Q	Quarter
Analyte	CHLOROFORM	100	Concentration in micrograms per liter (ug/l)

1,1-DCA	1,1-Dichloroethane
1,1-DCE	1,1-Dichloroethene
1,2-DCE	1,2-Dichloroethene
CCL4	Carbon tetrachloride
PCE	Tetrachloroethene
TCE	Trichloroethene
t1,2-DCE	trans-1,2-Dichloroethene
1,1,1-TCA	1,1,1-Trichloroethane

-N-

TOPOGRAPHIC CONTOUR INTERVAL = 20'

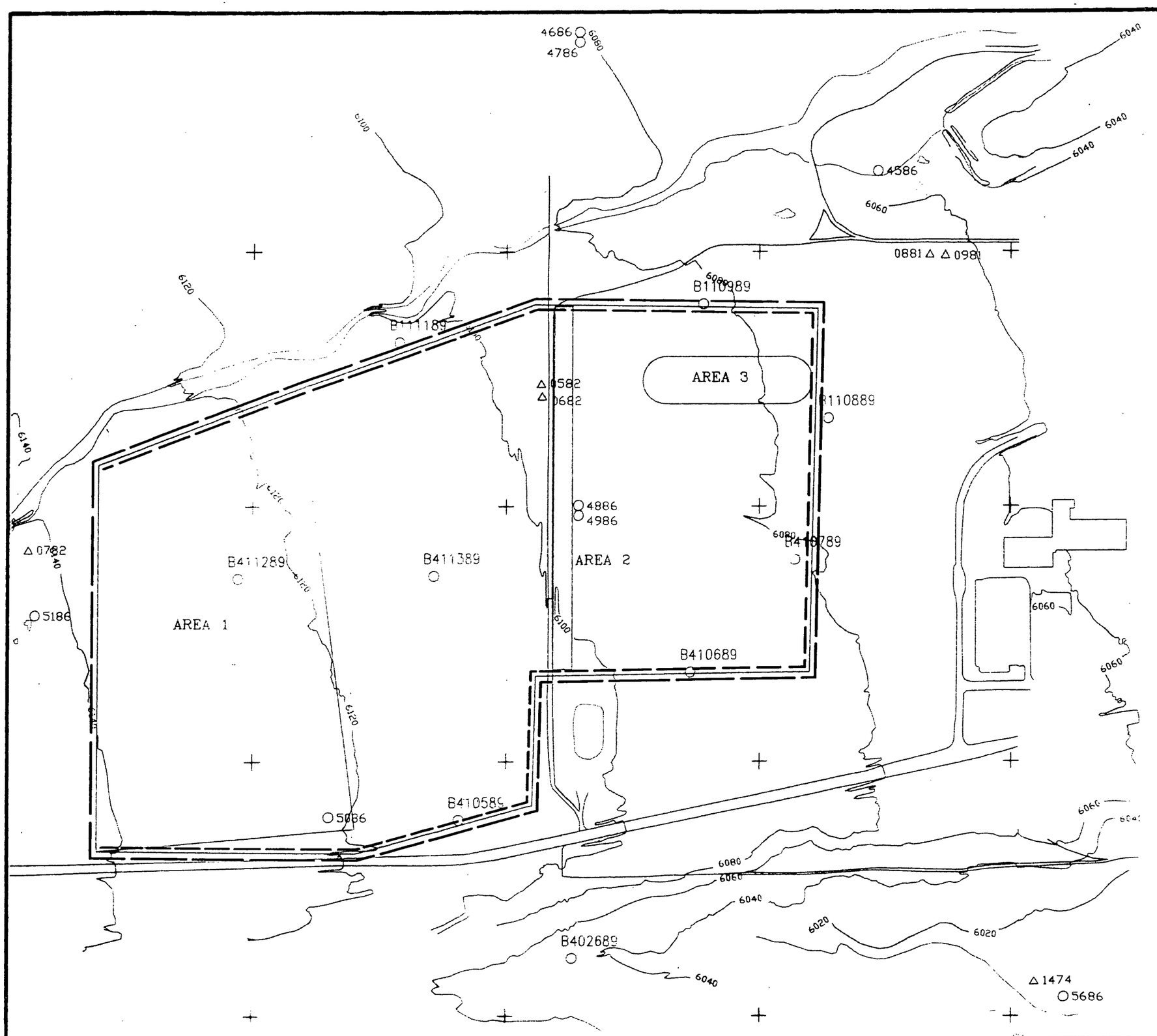
0 300'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

SOLAR EVAPORATION PONDS
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 2-18
Volatile Organic Compounds
in Weathered Bedrock, 1991

FEBRUARY, 1992



EXPLANATION

B106089 ○ Alluvial Monitoring Well

B206689 ● Bedrock Monitoring Well

1081 △ Pre–1986 Monitoring Well

—— —— Operable Unit Boundary

– – – – Compliance Boundary

-N-

0 400'

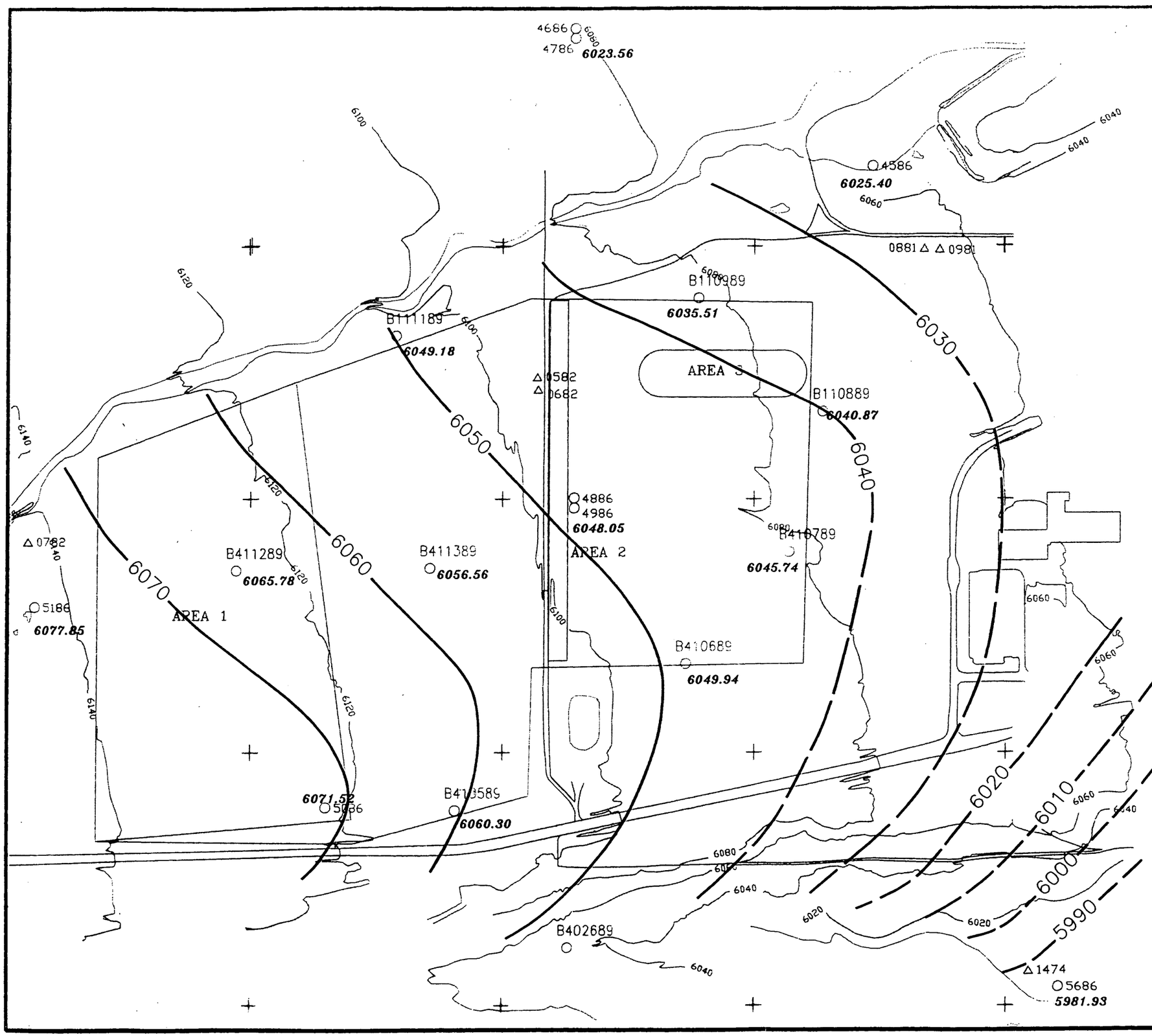
TOPOGRAPHIC CONTOUR INTERVAL = 20'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

WEST SPRAY FIELD
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 3–1
Waste Management Area
and Monitoring Well
Locations

FEBRUARY 1992



EXPLANATION

Alluvial Monitoring Well

B206689 Bedrock Monitoring Well

1081 Pre-1986 Monitoring Well

5900 Line of Equal Groundwater Elevation (Dashed where inferred)

5897 Groundwater Elevation in feet mean sea level

-N-

0 400'

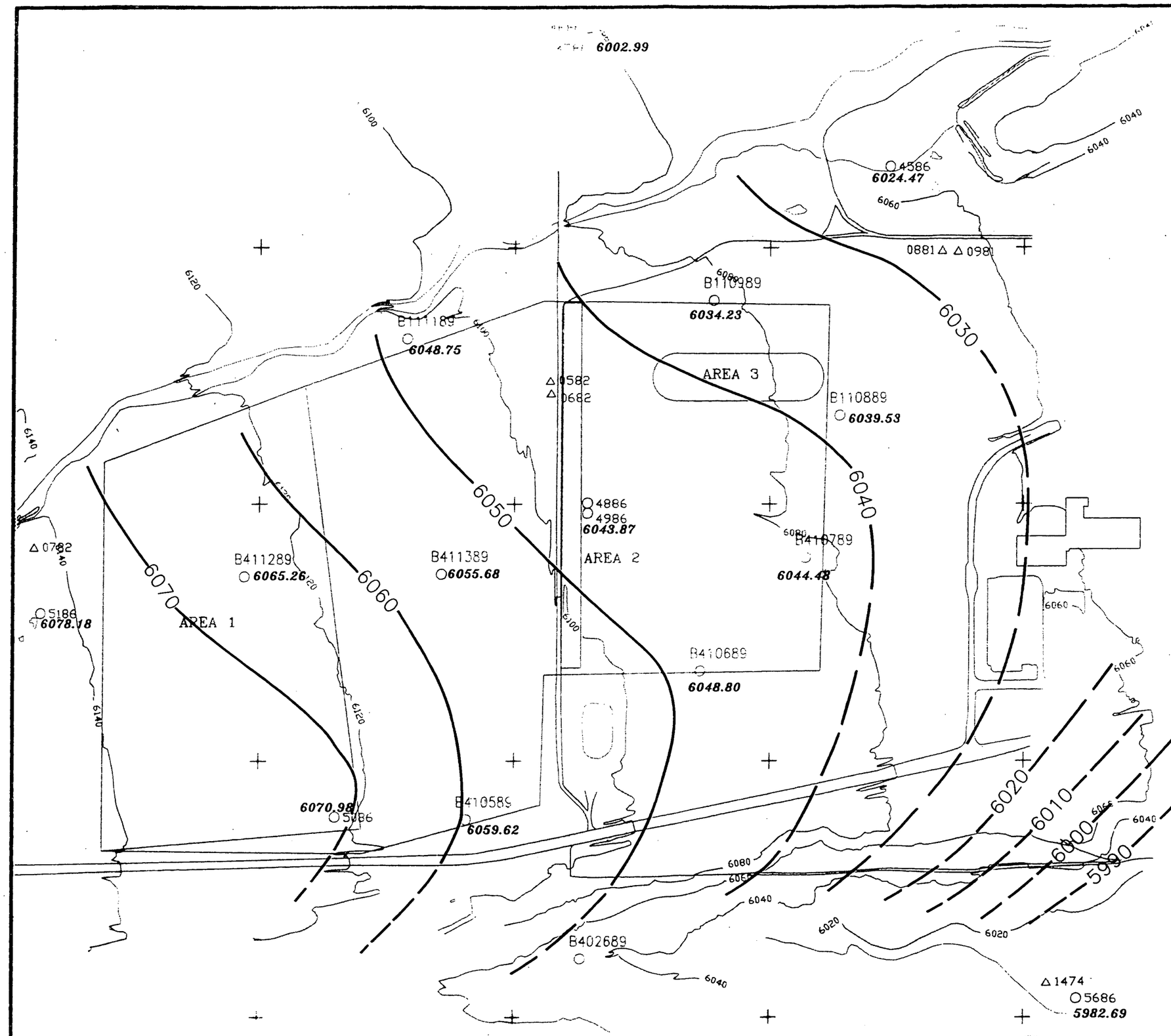
TOPOGRAPHIC CONTOUR INTERVAL = 20'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

WEST SPRAY FIELD
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 3-2
Potentiometric Surface Map
Surficial Materials
First Quarter 1991
(January)

FEBRUARY 1992



EXPLANATION

B106089 ○ Alluvial Monitoring Well

B206689 ● Bedrock Monitoring Well

1081 △ Pre–1986 Monitoring Well

5900 Line of Equal Groundwater Elevation (Dashed where inferred)

5897 Groundwater Elevation in feet mean sea level

-N-

0 400'

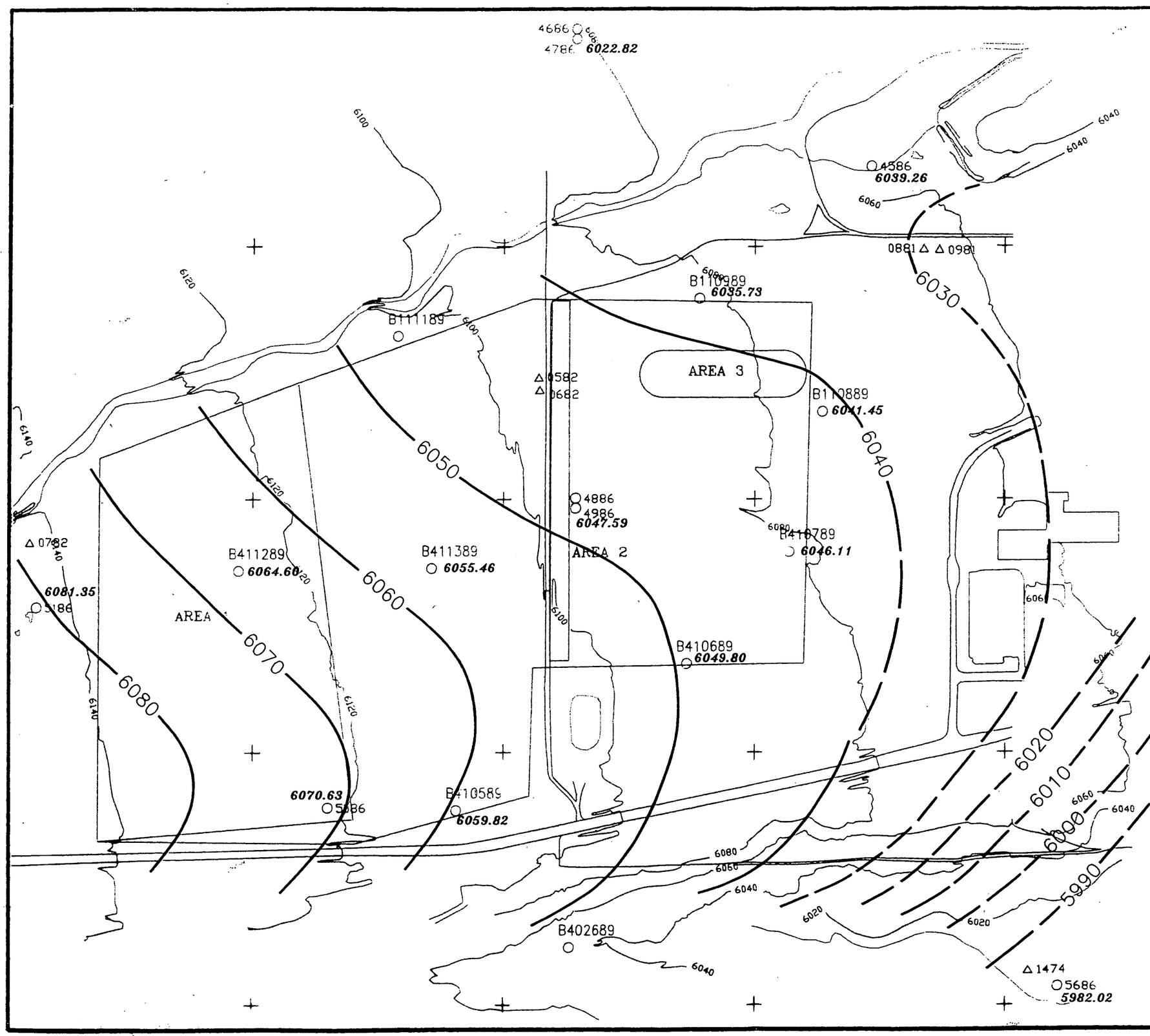
TOPOGRAPHIC CONTOUR INTERVAL = 20'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

WEST SPRAY FIELD
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 3–3
Potentiometric Surface Map
Surficial Materials
Second Quarter 1991
(April)

FEBRUARY 1992



EXPLANATION

Alluvial Monitoring Well

B206689 Bedrock Monitoring Well

1081 Pre-1986 Monitoring Well

5900 Line of Equal Groundwater Elevation (Dashed where inferred)

5897 Groundwater Elevation in feet mean sea level

-N-

0 400'

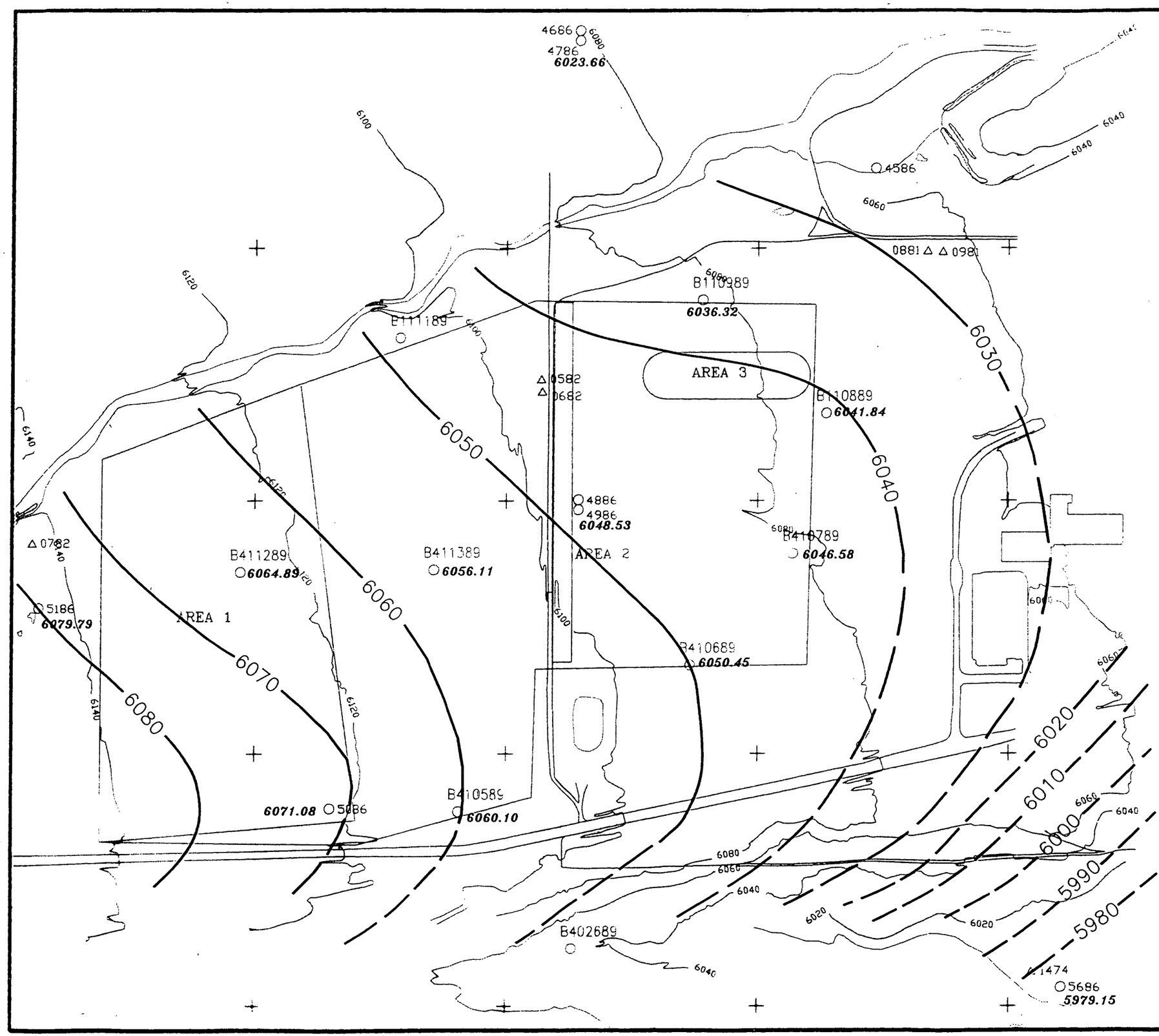
TOPOGRAPHIC CONTOUR INTERVAL = 20'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

WEST SPRAY FIELD
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 3-4
Potentiometric Surface Map
Surficial Materials
Third Quarter 1991
(July)

FEBRUARY 1992



EXPLANATION

B106089 ○ Alluvial Monitoring Well

B206689 ● Bedrock Monitoring Well

1081 △ Pre–1986 Monitoring Well

5900 Line of Equal Groundwater Elevation (Dashed where inferred)

5897 Groundwater Elevation in feet mean sea level

-N-

0 400'

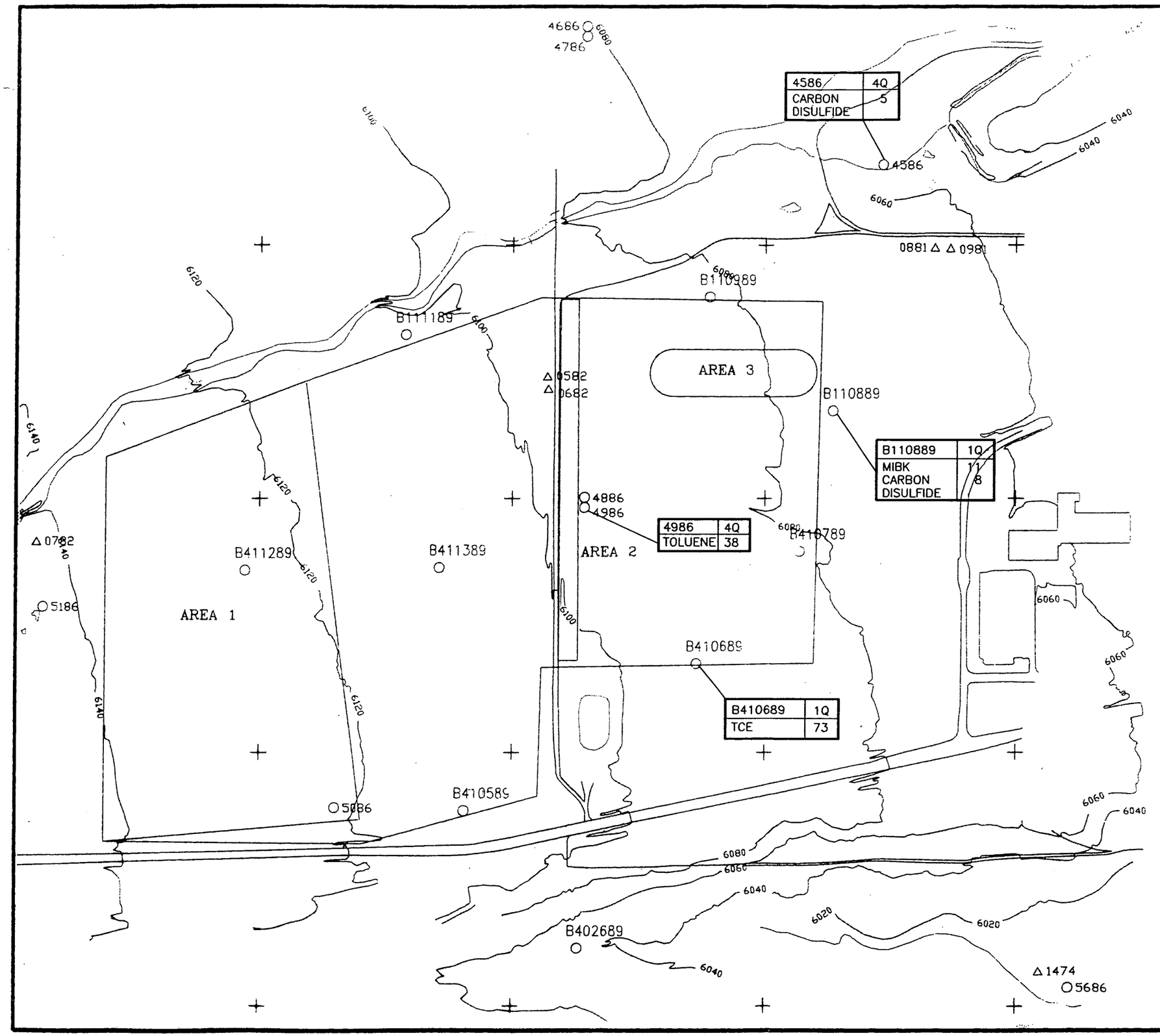
TOPOGRAPHIC CONTOUR INTERVAL = 20'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

WEST SPRAY FIELD
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 3–5
Potentiometric Surface Map
Surficial Materials
Fourth Quarter 1991
(October)

FEBRUARY 1992



EXPLANATION

Alluvial Monitoring Well

Bedrock Monitoring Well

Pre-1986 Monitoring Well

Well Number	4986	4Q	Quarter
Analyte	TOLUENE	38	Concentratio in mictograms per liter (ug/l)

MIBK Methyl isobutylketone

TCE Trichloroethene

-N-

0 400'

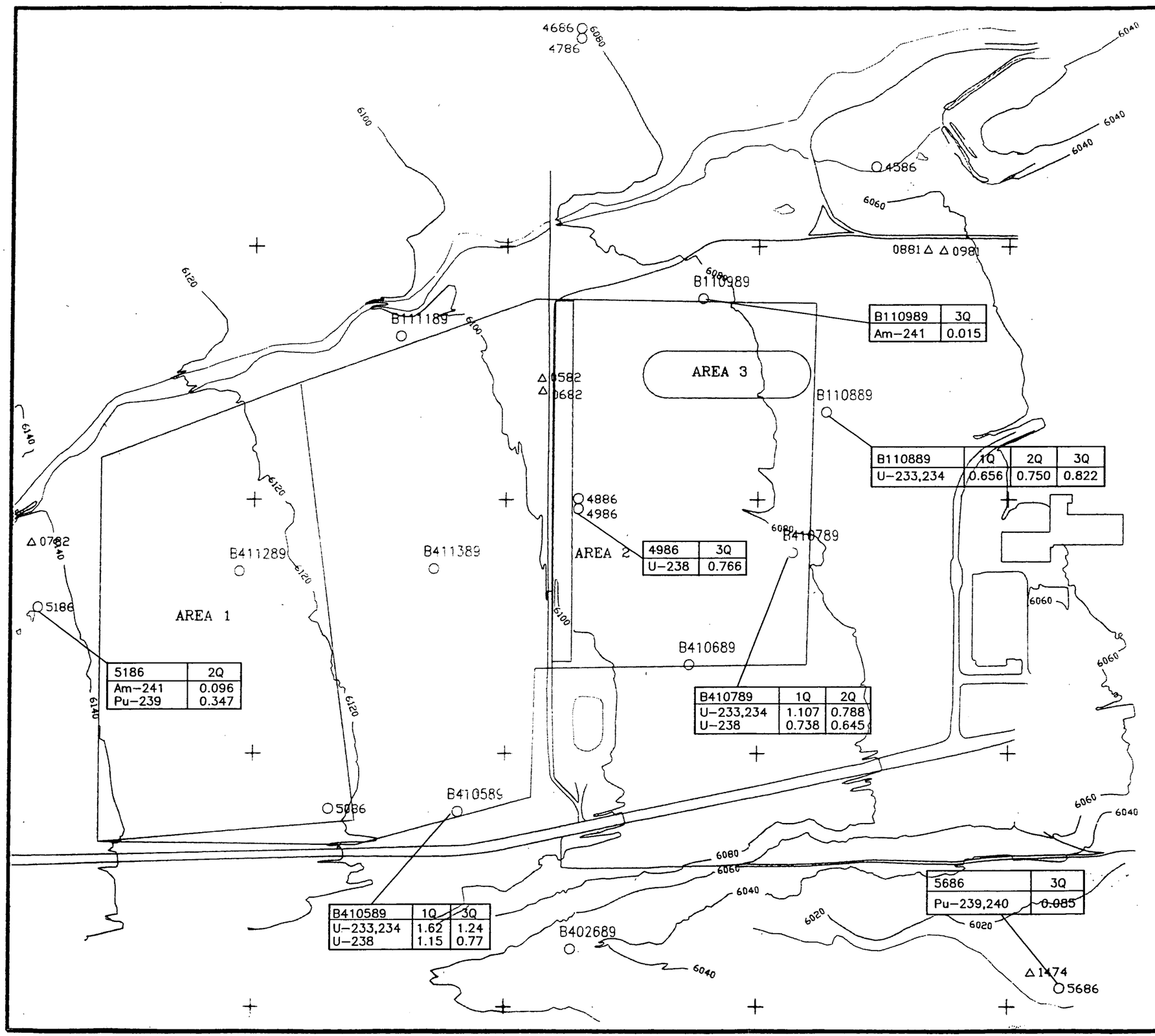
TOPOGRAPHIC CONTOUR INTERVAL = 20'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

WEST SPRAY FIELD
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 3-6
Volatile Organic Compounds in the Uppermost Flow System, Surficial Materials, 1991

FEBRUARY 1992



EXPLANATION

B106089 ○ Alluvial Monitoring Well

B206689 ● Bedrock Monitoring Well

1081 △ Pre-1986 Monitoring Well

Well Number	B110989	3Q	Quarter
Analyte	Am-241	0.015	Concentration in picocuies per liter (pCi/l)

Am-241	Americium-241(total)
Pu-239,240	Plutonium-239,240(total)
U-233,234	Uranium-233,234(dissolved)
U-238	Uranium-238(dissolved)

NOTE: Analyses for Am-241 and Pu-239,240 are totals only.

-N-

0 400'

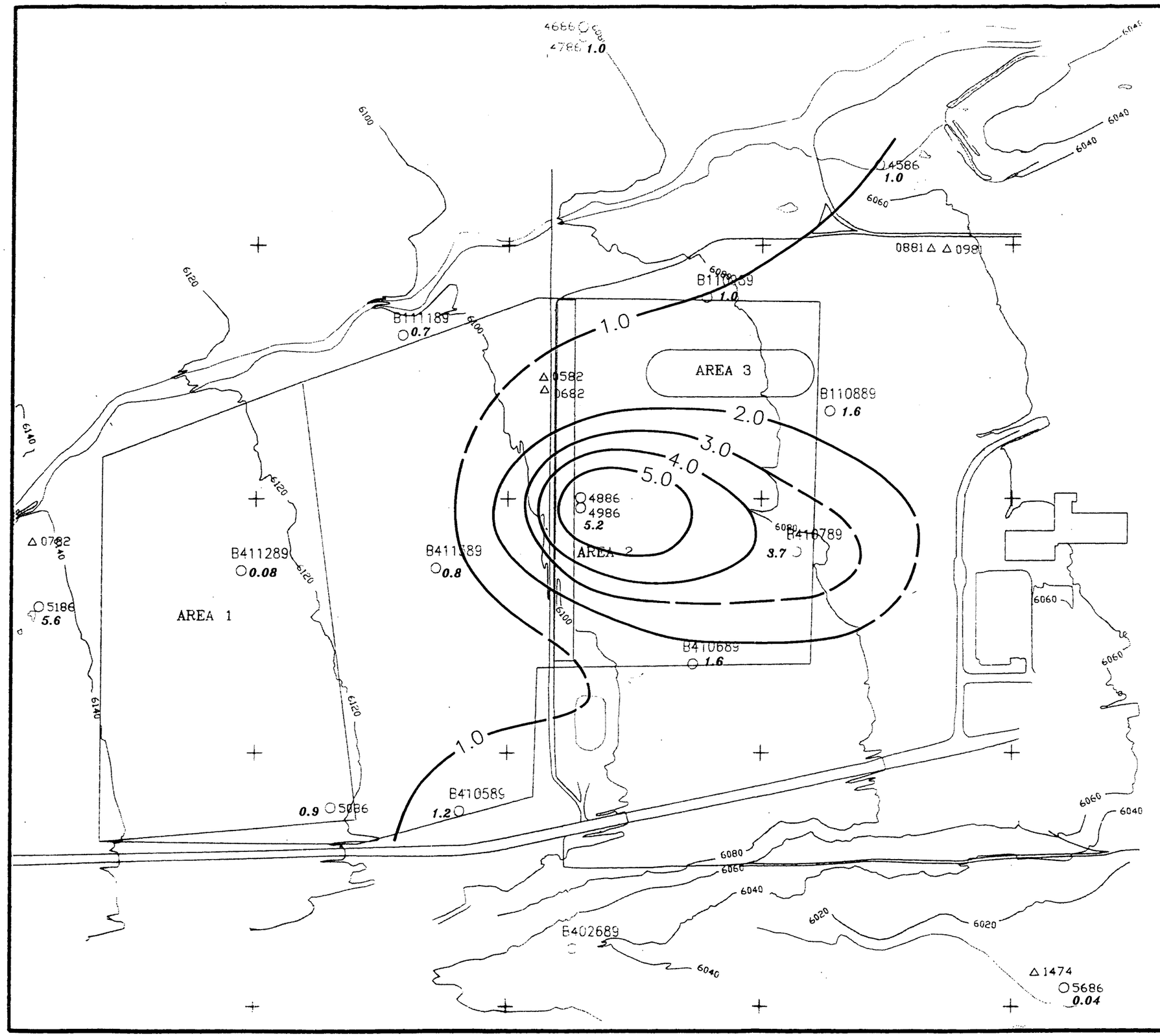
TOPOGRAPHIC CONTOUR INTERVAL = 20'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

WEST SPRAY FIELD
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 3-7
Radionuclides in the Uppermost Aquifer, Surficial Materials, 1991

FEBRUARY 1992



EXPLANATION

B106089 ○ Alluvial Monitoring Well

B206689 ● Bedrock Monitoring Well

1081 △ Pre–1986 Monitoring Well

1.0 — Line of Equal Concentration (Dashed where inferred)

Contour Intervals–1.0, 2.0, 3.0, 4.0, 5.0 milligrams per liter (mg/l)

1.6 Analyte Concentration

-N-

0 400'

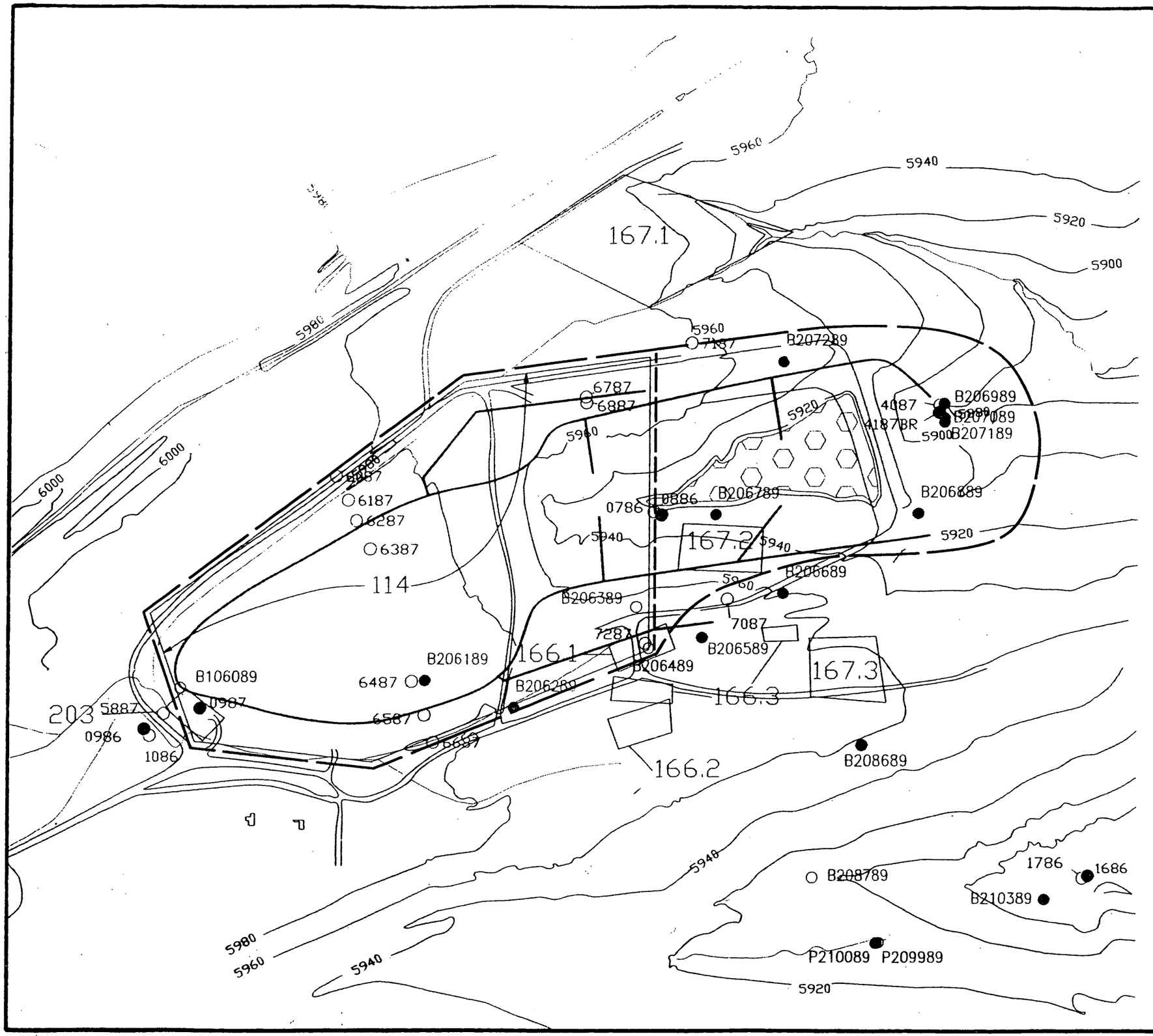
TOPOGRAPHIC CONTOUR INTERVAL = 20'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

WEST SPRAY FIELD
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 3–8
Nitrate and Nitrite in the Uppermost Flow System, Surficial Materials, Second Quarter 1991

FEBRUARY 1992



EXPLANATION

B106089 Alluvial Monitoring Well

B206689 Bedrock Monitoring Well

Groundwater Intercept System

Operable Unit Boundary

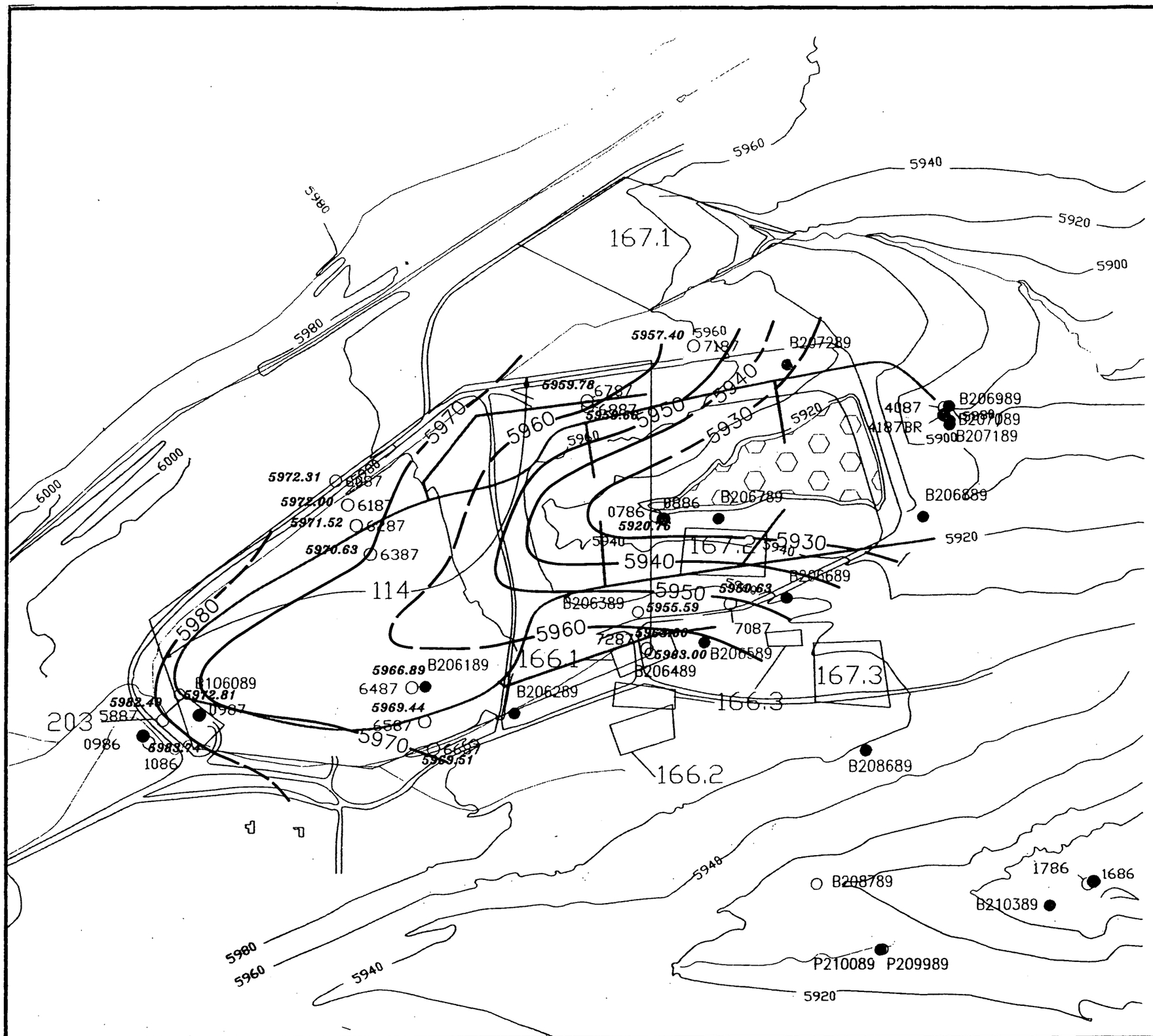
Compliance Boundary

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

PRESENT LANDFILL AREA
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 4-1
Waste Management Area
and Monitoring Well
Locations

FEBRUARY 19



EXPLANATION

B106089 Alluvial Monitoring Well

B206689 Bedrock Monitoring Well

Groundwater Intercept System

5900 Line of Equal Groundwater Elevation (Dashed where inferred)

5897 Groundwater Elevation in feet mean sea level

-N-

0 300'

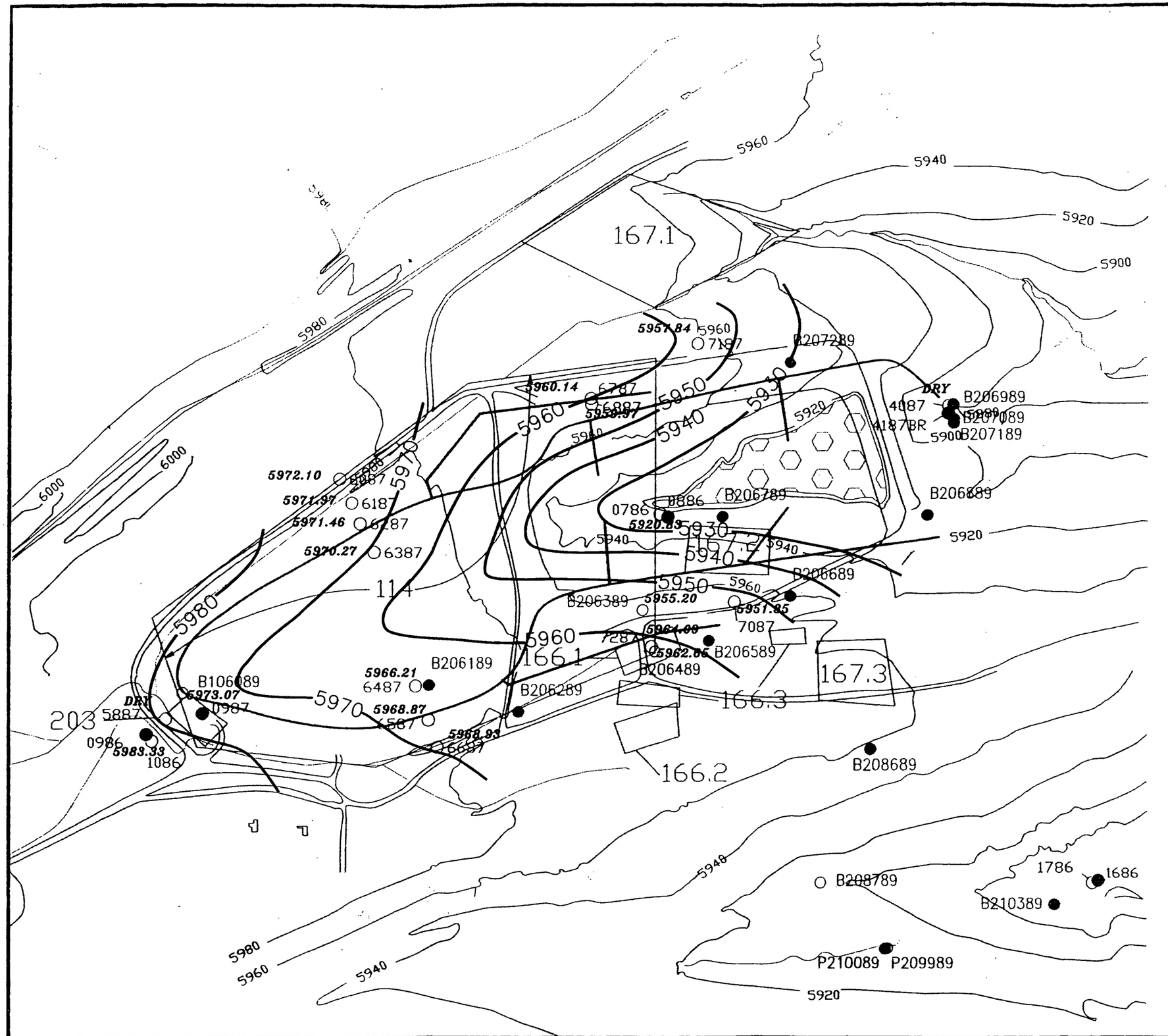
TOPOGRAPHIC CONTOUR INTERVAL = 20'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

PRESENT LANDFILL AREA
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 4-2
Potentiometric Surface Map
Surficial Materials
First Quarter 1991
(January)

FEBRUARY 19..



EXPLANATION

Alluvial Monitoring Well

Bedrock Monitoring Well

Groundwater Intercept System

5900 Line of Equal Groundwater Elevation (Dashed where inferred)

5897 Groundwater Elevation in feet mean sea level

-N-

0 300'

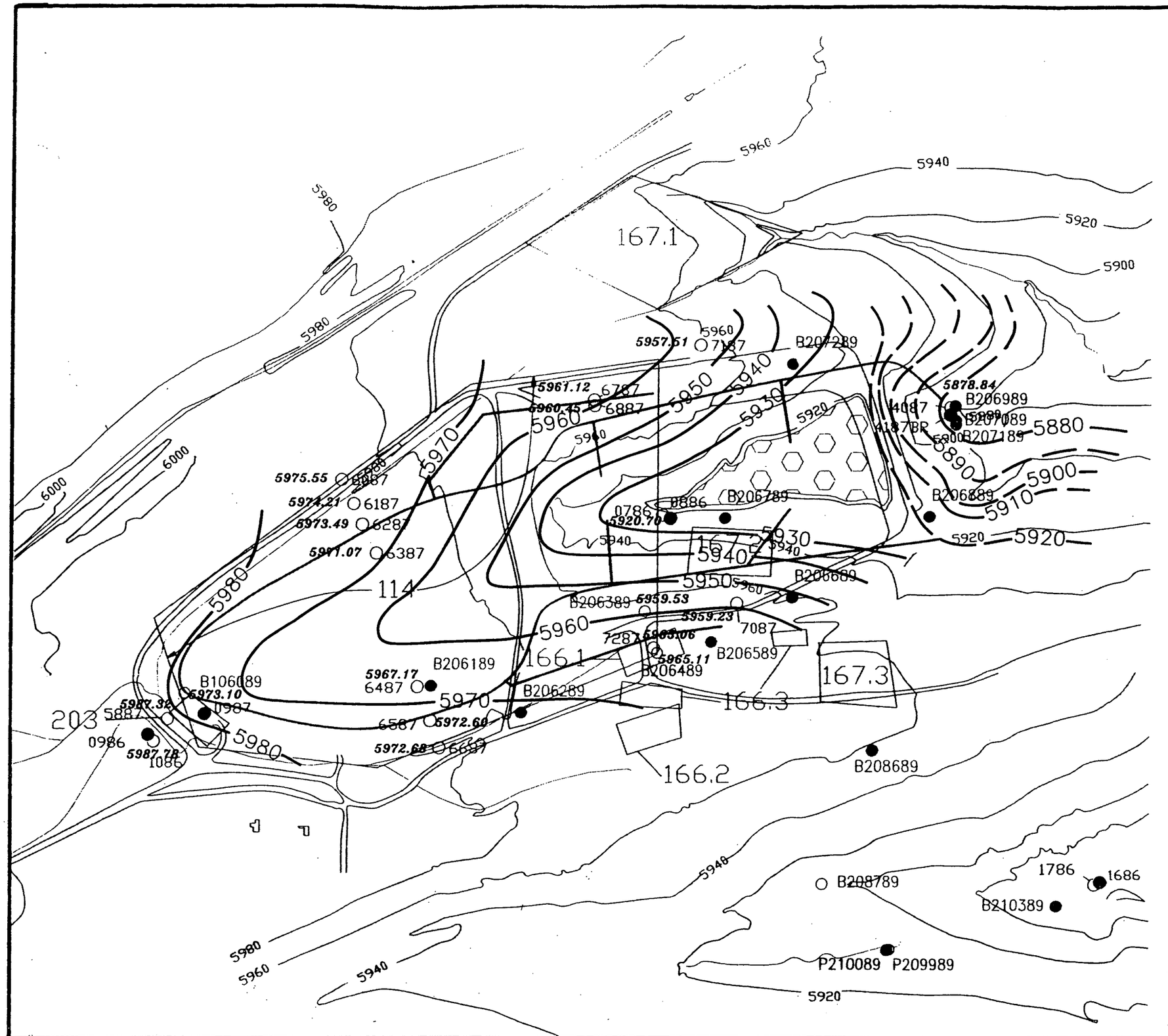
TOPOGRAPHIC CONTOUR INTERVAL = 20

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

PRESENT LANDFILL AREA
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 4-3
Potentiometric Surface Map
Surficial Materials
Second Quarter 1991
(April)

FEBRUARY 19



EXPLANATION

B106089 ○ Alluvial Monitoring Well

B206689 ● Bedrock Monitoring Well

—— Groundwater Intercept System

—5900— Line of Equal Groundwater Elevation (Dashed where inferred)

5897 Groundwater Elevation in feet mean sea level

-N-

0 300'

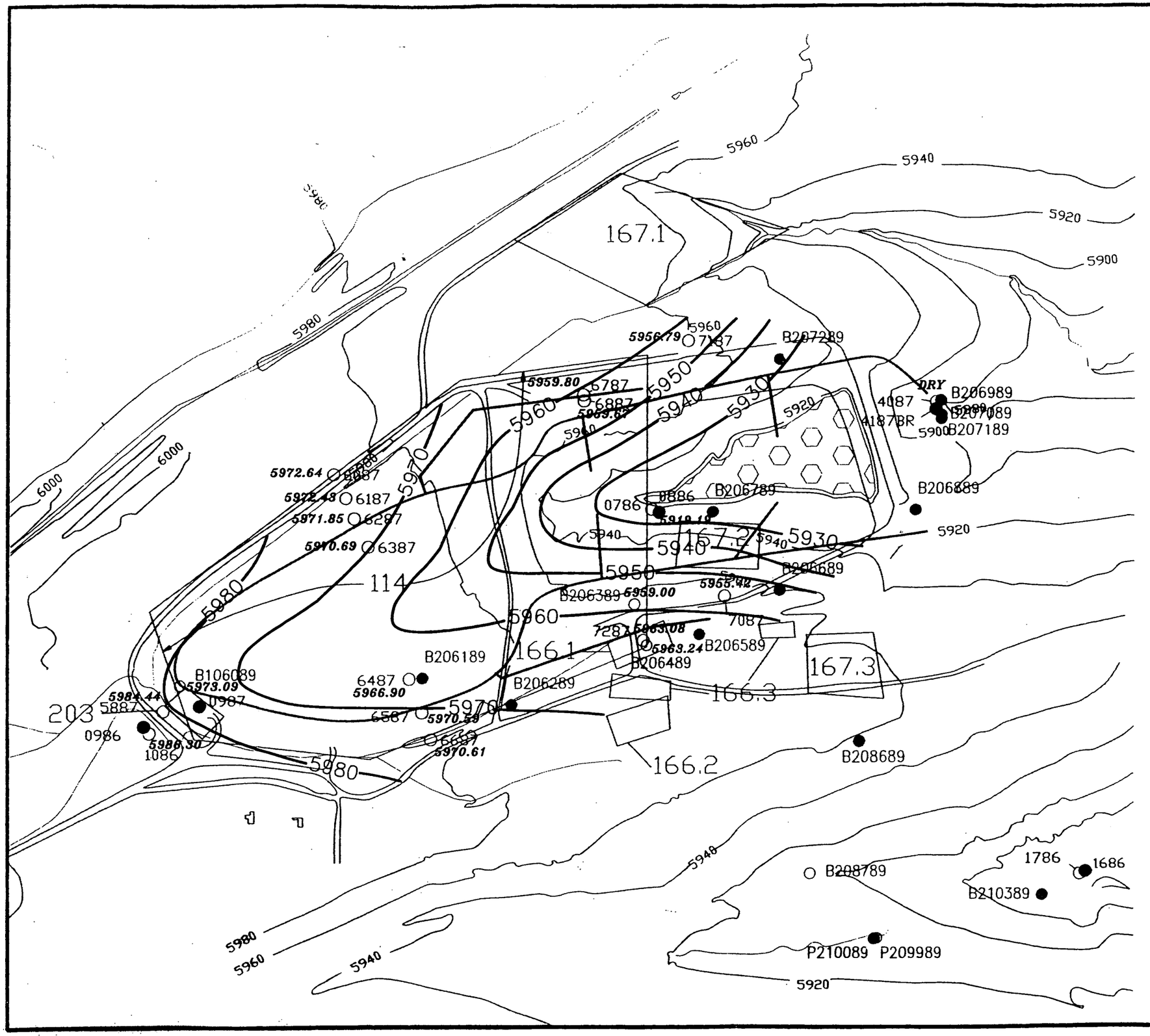
TOPOGRAPHIC CONTOUR INTERVAL = 20

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

PRESENT LANDFILL AREA
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 4-4
Potentiometric Surface Map
Surficial Materials
Third Quarter 1991
(July)

FEBRUARY 19



EXPLANATION

B106089 Alluvial Monitoring Well

B206689 Bedrock Monitoring Well

Groundwater Intercept System

5900 Line of Equal Groundwater Elevation (Dashed where inferred)

5897 Groundwater Elevation in feet mean sea level

-N-

0 300'

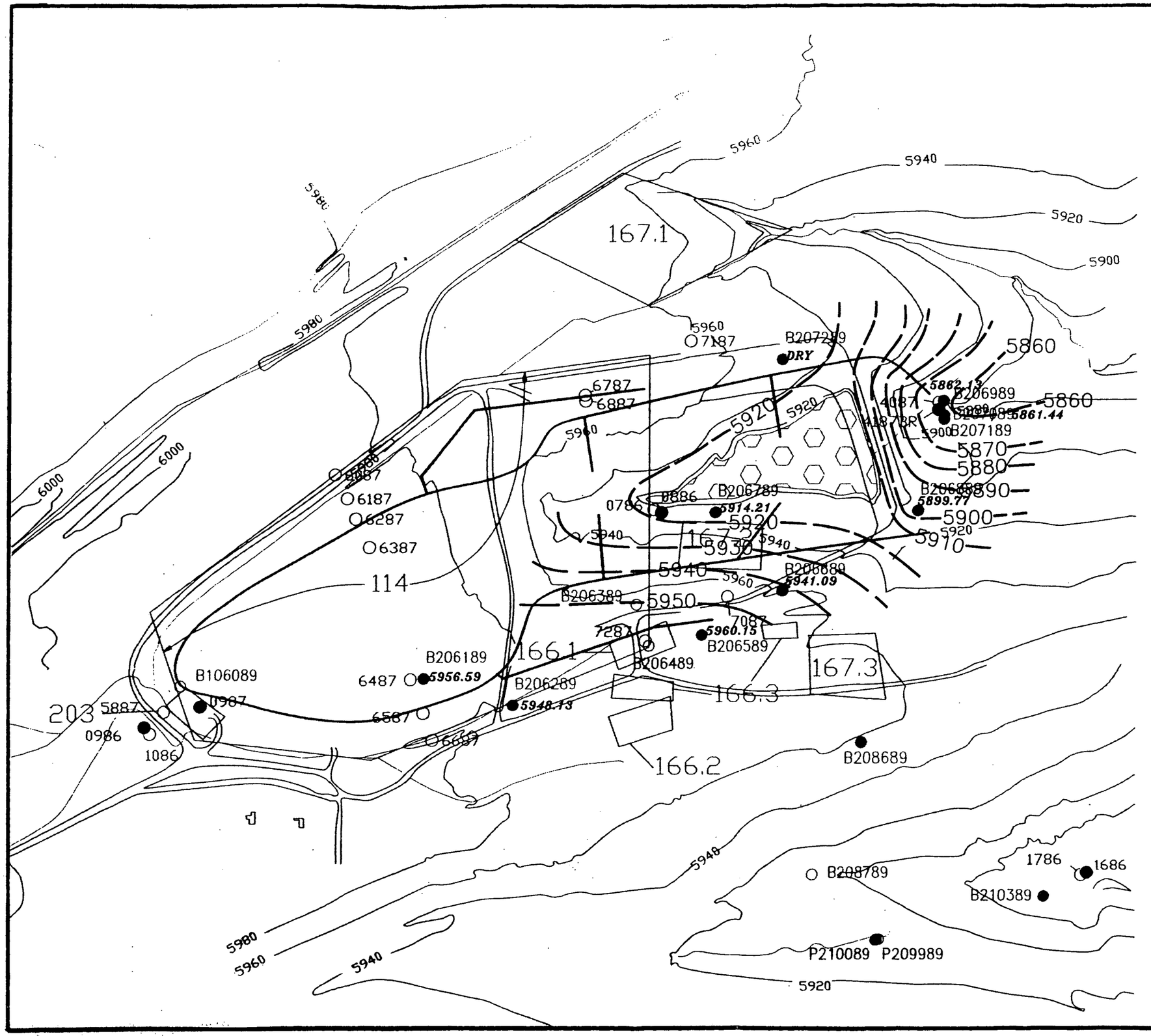
TOPOGRAPHIC CONTOUR INTERVAL = 20

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

PRESENT LANDFILL AREA
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 4-5
Potentiometric Surface Map
Surficial Materials
Fourth Quarter 1991
(October)

FEBRUARY 19



EXPLANATION

B106089 C Alluvial Monitoring Well

B206689 ● Bedrock Monitoring Well

Groundwater Intercept System

5900 Line of Equal Groundwater Elevation (Dashed where inferred)

5897 Groundwater Elevation in feet mean sea level

-N-

0 300'

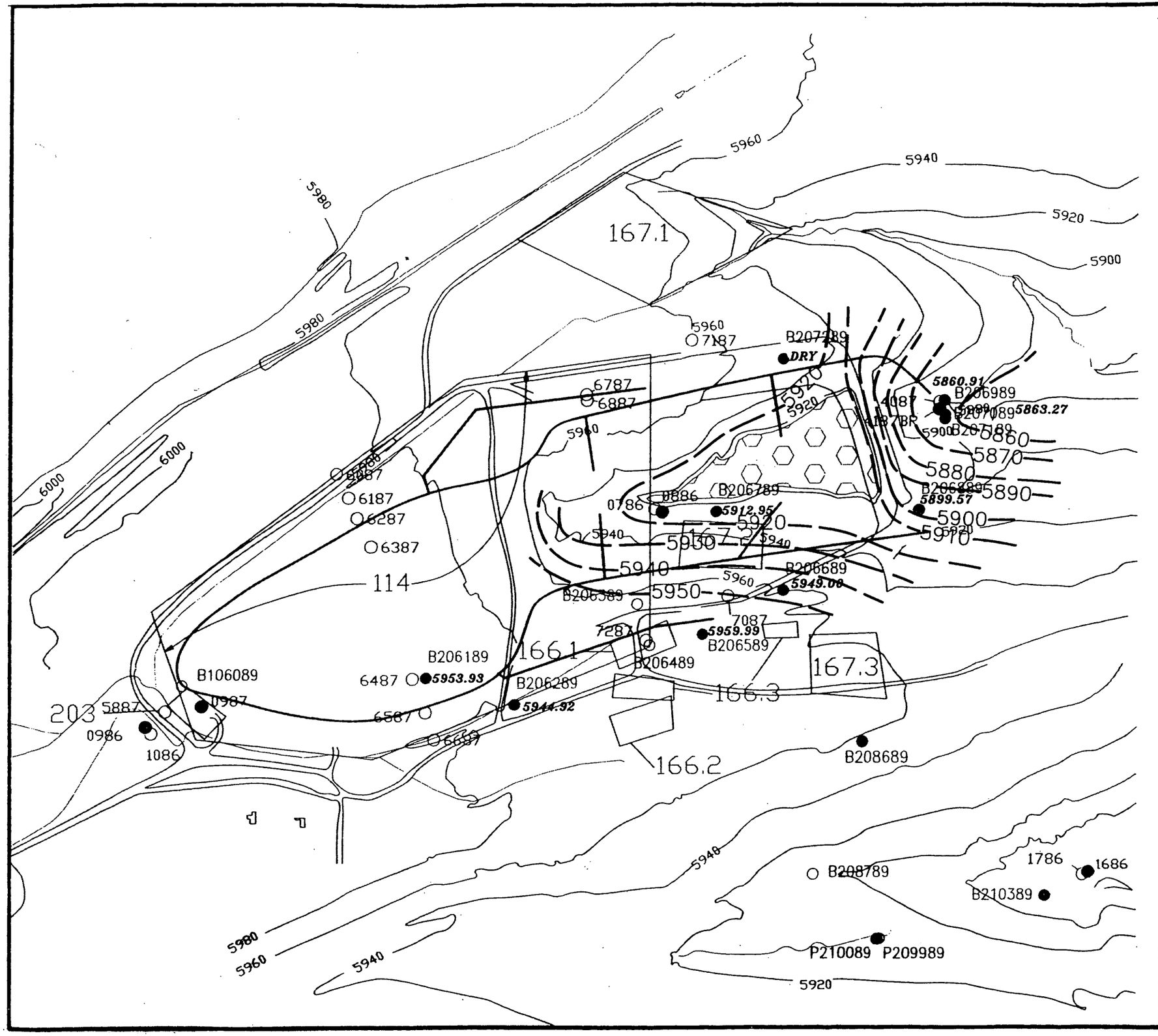
TOPOGRAPHIC CONTOUR INTERVAL = 20'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

PRESENT LANDFILL AREA
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 4-6
Potentiometric Surface Map
Weathered Bedrock
First Quarter 1991
(January)

FEBRUARY 199



EXPLANATION

B106089 ○ Alluvial Monitoring Well

B206689 ● Bedrock Monitoring Well

Groundwater Intercept System

5900 Line of Equal Groundwater Elevation (Dashed where inferred)

5897 Groundwater Elevation in feet mean sea level

-N-

0 300'

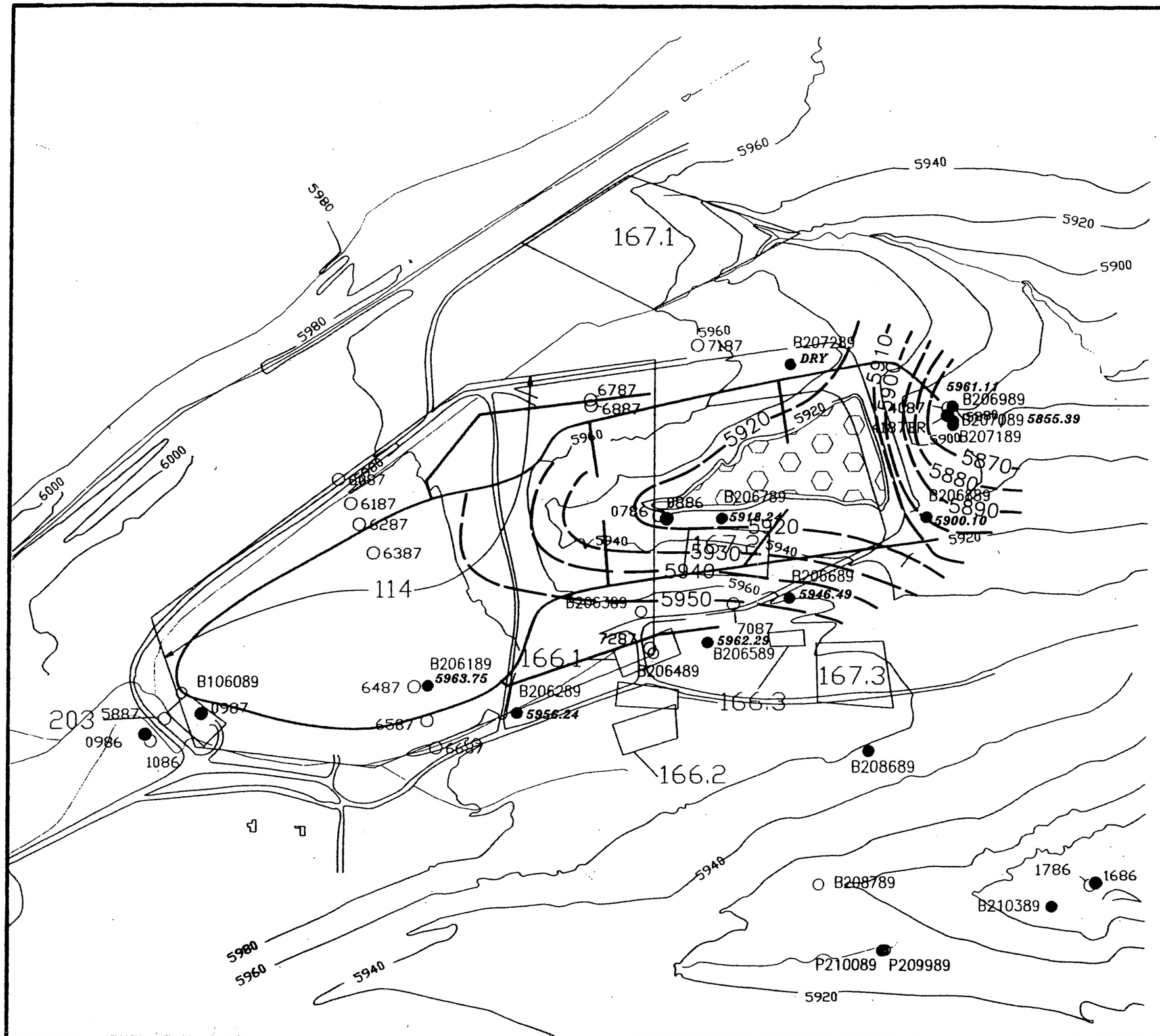
TOPOGRAPHIC CONTOUR INTERVAL = 20

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

PRESENT LANDFILL AREA
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 4-7
Potentiometric Surface Map
Weathered Bedrock
Second Quarter 1991
(April)

FEBRUARY 19..



EXPLANATION

P106089 Alluvial Monitoring Well

B206689 Bedrock Monitoring Well

Groundwater Intercept System

5900 Line of Equal Groundwater Elevation (Dashed where inferred)

5897 Groundwater Elevation in feet mean sea level

-N-

0 300'

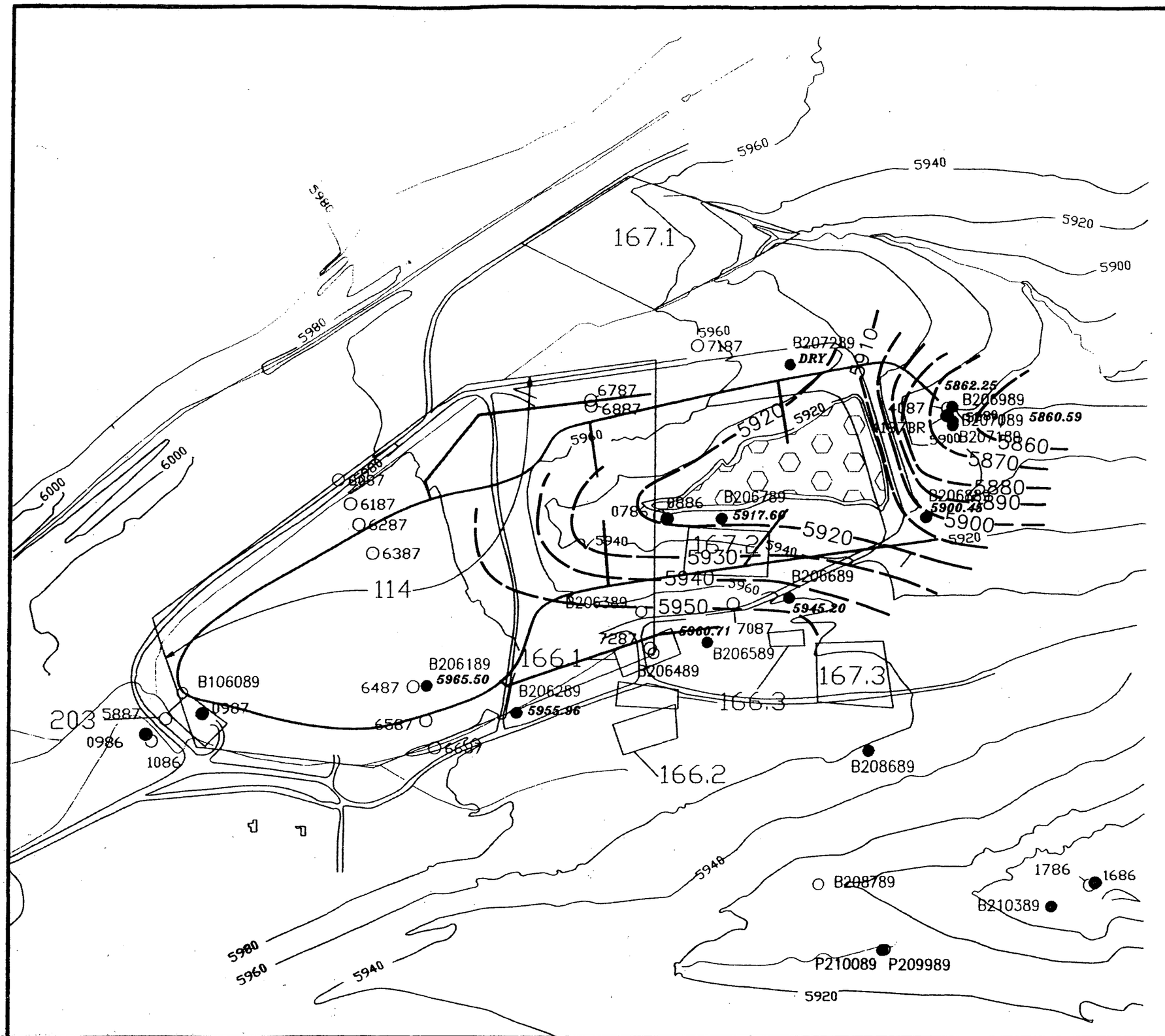
TOPOGRAPHIC CONTOUR INTERVAL = 20'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

PRESENT LANDFILL AREA
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 4-8
Potentiometric Surface Map
Weathered Bedrock
Third Quarter 1991
(July)

FEBRUARY 19



EXPLANATION

B106089 Alluvial Monitoring Well

B206689 Bedrock Monitoring Well

Groundwater Intercept System

5900 Line of Equal Groundwater Elevation (Dashed where inferred)

5897 Groundwater Elevation in feet mean sea level

N

0 300'

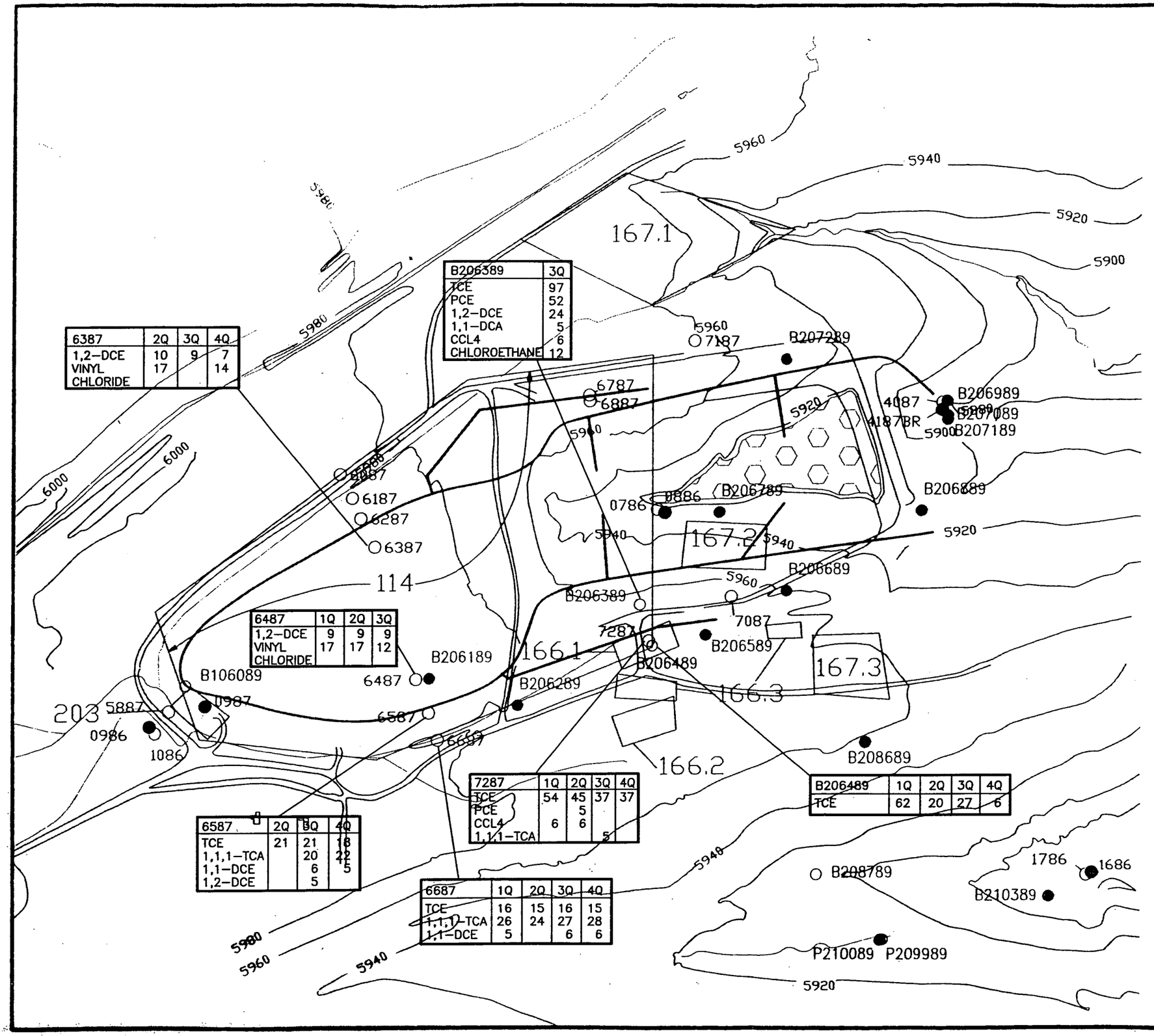
TOPOGRAPHIC CONTOUR INTERVAL = 20'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

PRESENT LANDFILL AREA
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 4-9
Potentiometric Surface Map
Weathered Bedrock
Fourth Quarter 1991
(October)

FEBRUARY 19



6387	2Q	3Q	4Q
1,2–DCE	10	9	7
VINYL CHLORIDE	17		14

B206389	3Q
TCE	97
PCE	52
1,2–DCE	24
1,1–DCA	5
CCL4	6
CHLOROETHANE	12

6487	1Q	2Q	3Q
1,2–DCE	9	9	9
VINYL CHLORIDE	17	17	12

6587	2Q	3Q	4Q
TCE	21	21	18
1,1,1–TCA		20	22
1,1–DCE		6	5
1,2–DCE		5	

7287	1Q	2Q	3Q	4Q
TCE	54	45	37	37
PCE		5		
CCL4	6	6		
1,1,1–TCA			5	

6687	1Q	2Q	3Q	4Q
TCE	16	15	16	15
1,1,1–TCA	26	24	27	28
1,1–DCE	5		6	6

B206489	1Q	2Q	3Q	4Q
TCE	62	20	27	6

EXPLANATION

B106089 ○ Alluvial Monitoring Well

B206689 ● Bedrock Monitoring Well

—— Groundwater Intercept System

Well Number	B206489	1Q	Quarter
Analyte	TCE	62	Concentration in micrograms per liter (ug/l)

1,1–DCE	1,1–Dichloroethene
1,2–DCE	1,2–Dichloroethene
TCE	Trichloroethene
PCE	Tetrachloroethene
1,1–DCA	1,1–Dichloroethane
CCL4	Carbon tetrachloride
1,1,1–TCA	1,1,1–Trichloroethane

-N-

0 300'

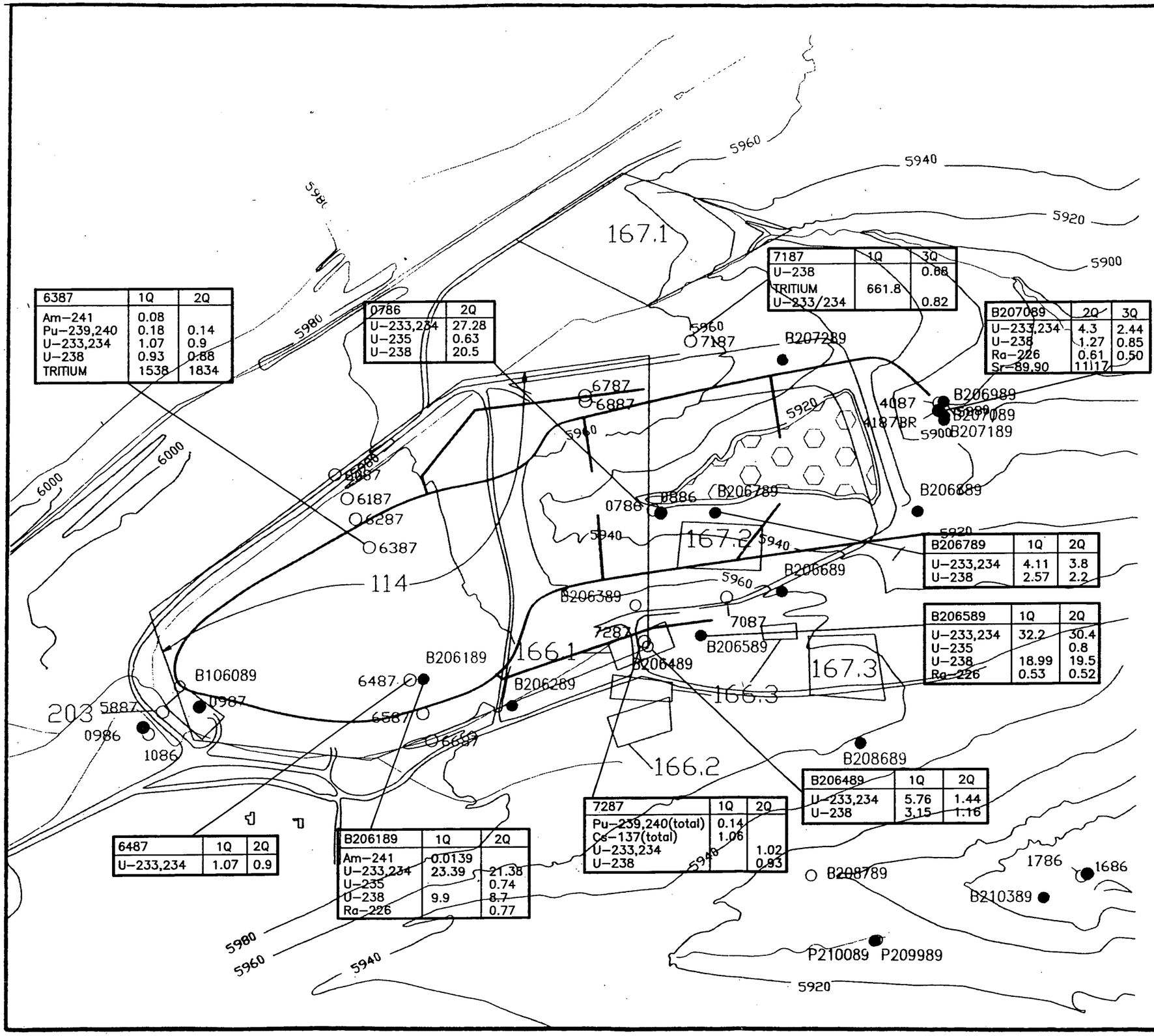
TOPOGRAPHIC CONTOUR INTERVAL = 20'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

PRESENT LANDFILL AREA
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 4–10
Volatile Organic Compounds in the Uppermost Flow System, 1991

FEBRUARY 19[illegible]



6387	1Q	2Q
Am–241	0.08	
Pu–239,240	0.18	0.14
U–233,234	1.07	0.9
U–238	0.93	0.88
TRITIUM	1538	1834

0786	2Q
U–233,234	27.28
U–235	0.63
U–238	20.5

7187	1Q	3Q
U–238		0.68
TRITIUM	661.8	
U–233/234		0.82

B207089	2Q	3Q
U–233,234	4.3	2.44
U–238	1.27	0.85
Ra–226	0.61	0.50
Sr–89,90	11117	

B206789	1Q	2Q
U–233,234	4.11	3.8
U–238	2.57	2.2

B206589	1Q	2Q
U–233,234	32.2	30.4
U–235		0.8
U–238	18.99	19.5
Ra–226	0.53	0.52

B206489	1Q	2Q
U–233,234	5.76	1.44
U–238	3.15	1.16

7287	1Q	2Q
Pu–239,240(total)	0.14	
Cs–137(total)	1.06	
U–233,234		1.02
U–238		0.93

B206189	1Q	2Q
Am–241	0.0139	
U–233,234	23.39	21.38
U–235		0.74
U–238	9.9	8.7
Ra–226		0.77

6487	1Q	2Q
U–233,234	1.07	0.9

EXPLANATION

0786 Alluvial Monitoring Well

B206689 Bedrock Monitoring Well

Groundwater Intercept System

Well Number	6487	1Q
Analyte	U–233,234	1.07

Quarter

Concentration in picocuries per liter (pCi/l)

U–233,234	Uranium–233,234 (dissolved)
U–235	Uranium–235 (dissolved)
U–238	Uranium–238 (dissolved)
Am–241	Americium–241 (total)
Pu–239,240	Plutonium–239,240 (total)
Ra–226	Radium–226 (dissolved)
Sr–89,90	Strontium–89,90 (dissolved)
Cs–137	Cesium–137 (total)

NOTE: Analyses for Am–241, Pu–239,240, and Cs–137 are totals only.

-N-

0 300'

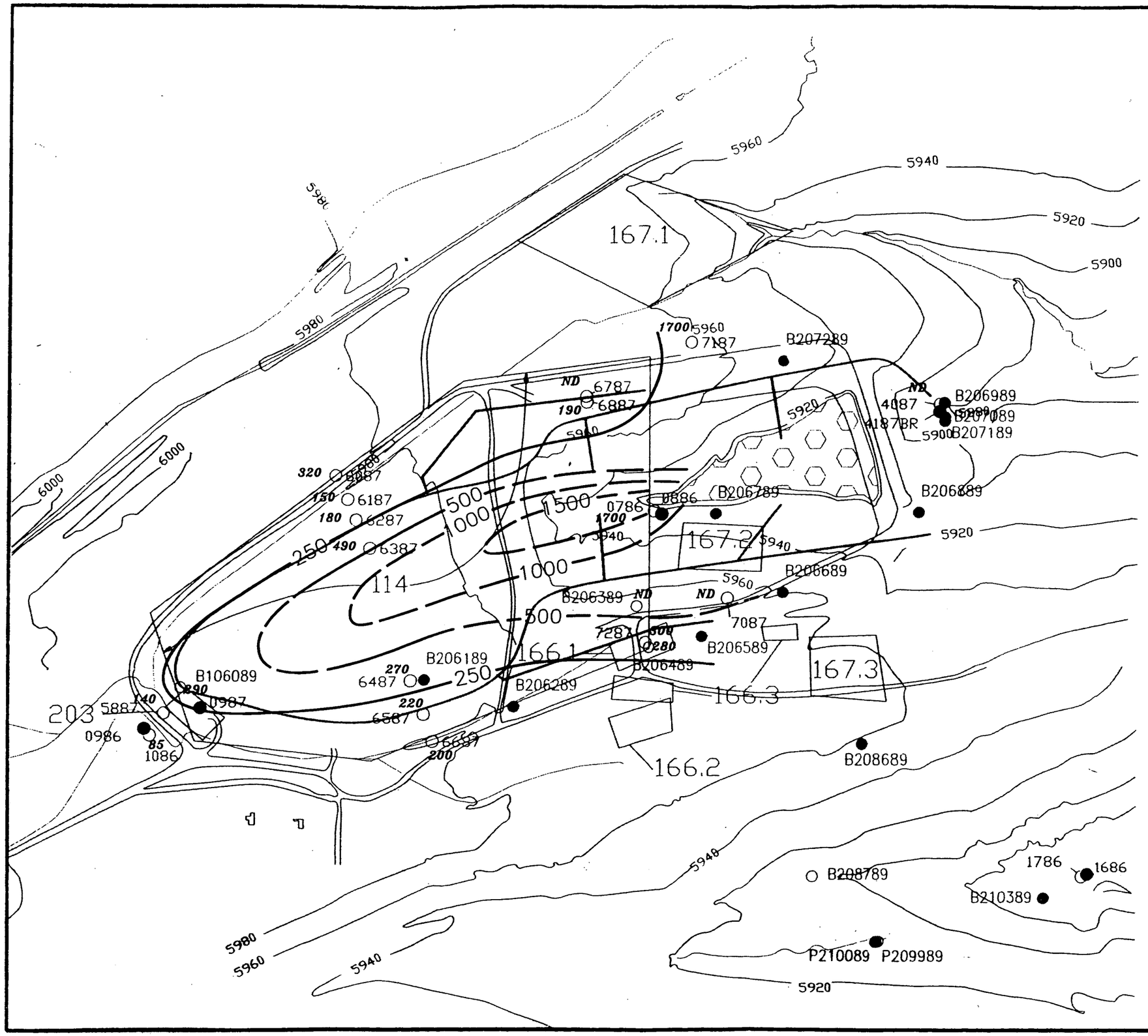
TOPOGRAPHIC CONTOUR INTERVAL = 20'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

PRESENT LANDFILL AREA
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 4–11
Radionuclides in the
Uppermost Flow System, 1991

FEBRUARY 19..



EXPLANATION

B106089 ○ Alluvial Monitoring Well

B206689 ● Bedrock Monitoring Well

—— Groundwater Intercept System

500 Line of Equal Concentration (Dashed where infered)

Contour Intervals—1500, 1000, 500, 250 milligrams per liter (mg/l)

500 Analyte Concentration in mg/l

ND No Data Available

-N-

0 300'

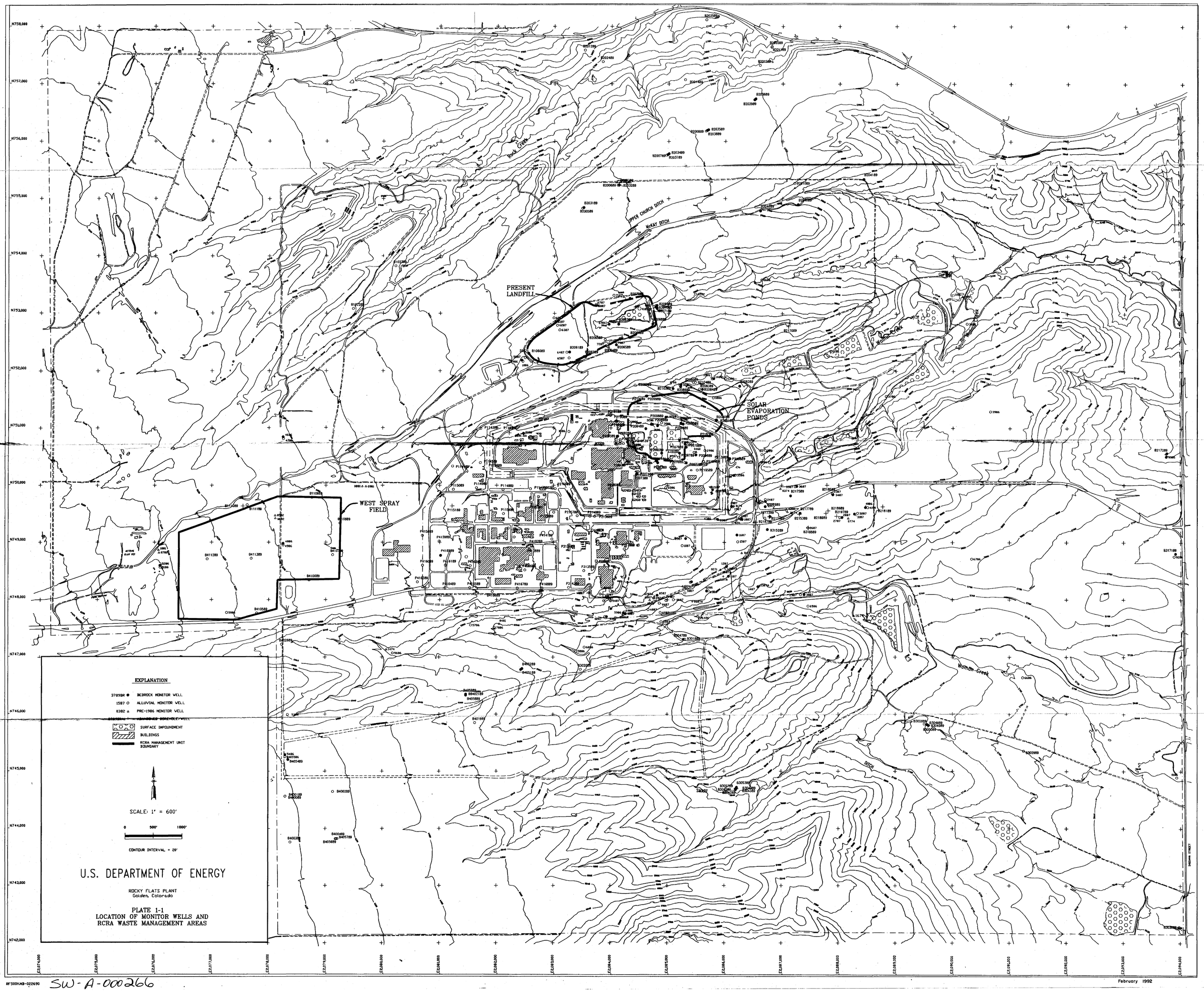
TOPOGRAPHIC CONTOUR INTERVAL = 20'

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

PRESENT LANDFILL AREA
1991 ANNUAL
RCRA GROUNDWATER
MONITORING REPORT

Figure 4–12
Total Dissolved Solids in the Uppermost Flow System, Surficial Materials, Second Quarter 1991

FEBRUARY 19



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February 1992