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POST-REMEDIAL ACTION REPORT FOR THE TEMPORARY STORAGE AREA WORK ZONE (WP-437/RU022)

WELDON SPRING SITE REMEDIAL ACTION PROJECT
WELDON SPRING, MISSOURI

MAY 2002

REV. 0

RECORD

U.S. Department of Energy
Oak Ridge Operations Office
Weldon Spring Site Remedial Action Project

Prepared by MK-Ferguson Company and Jacobs Engineering Group

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APPROVALS

Environmental Safety and Health Manager	05-02-02 Date
Data Administration Coordinator	5/7/02 Date
Engineering Manager	5-8-02 Date
Project Quality Manager	5/9/02 Date
Project Director	5/9/02 Date

DOE/OR/21548-914

Weldon Spring Site Remedial Action Project

Post-Remedial Action Report for the Temporary Storage Area Work Zone (WP-437/RU022)

Revision 0

May 2002

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U.S. DEPARTMENT OF ENERGY
Oak Ridge Operations Office
Under Contract DE-AC05-86OR21548

ABSTRACT

Work Package-437 (WP-437) has been divided into twelve work zones. This report details the confirmation field activities and analytical results for contaminated soil removal of the Temporary Storage Area (TSA) work zone portion. The areas of the TSA work zone requiring remediation under WP437 have been designated as Remedial Unit (RU) 22 and subdivided into thirty-two confirmation units (CUs).

The TSA work zone included the temporary storage area, TSA impoundment basin, decontamination pad, and a portion of a stockpile south of Raffinate Pit 4. Remediation of the area under WP437 consisted of removal of contaminated soil, underground utilities, and any roads identified as contaminated.

Remediation was designed to achieve surface ALARA goals, and confirmation of soil remediation was required to meet cleanup standards, as established in the *Record of Decision for Remedial Action at the Chemical Plant Area of the Weldon Spring Site*. Final confirmation data verify that the established goals and standards were achieved.

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1. INTRODUCTION

1.1 Purpose

Work Package-437 (WP-437) is divided into 12 work zones, 11 of which are identified in Figure 1-1. In addition, there is the Vicinity Property DA-6 work zone off site just west of the Ash Pond work zone. This report details the confirmation field activities and analytical results for contaminated soil removal of the Temporary Storage Area (TSA) work zone portion of WP-437.

Soil characterization results and pre-excavation walkovers of the WP-437 work zones determined that the work zones contained contaminant concentrations that exceeded the As Low As Reasonably Achievable (ALARA) goals established in the *Record of Decision for Remedial Action at the Chemical Plant Area of the Weldon Spring Site* (ROD) (Ref. 1). Remediation was designed to achieve surface ALARA goals, and confirmation of soil remediation to the ROD cleanup standards was required.

The Temporary Storage Area work zone was subdivided into thirty-two confirmation units (CUs) that are collectively known as remedial unit (RU) 22 and are identified in Figure 1-2. Individual CU figures are presented in Section 4 of this report.

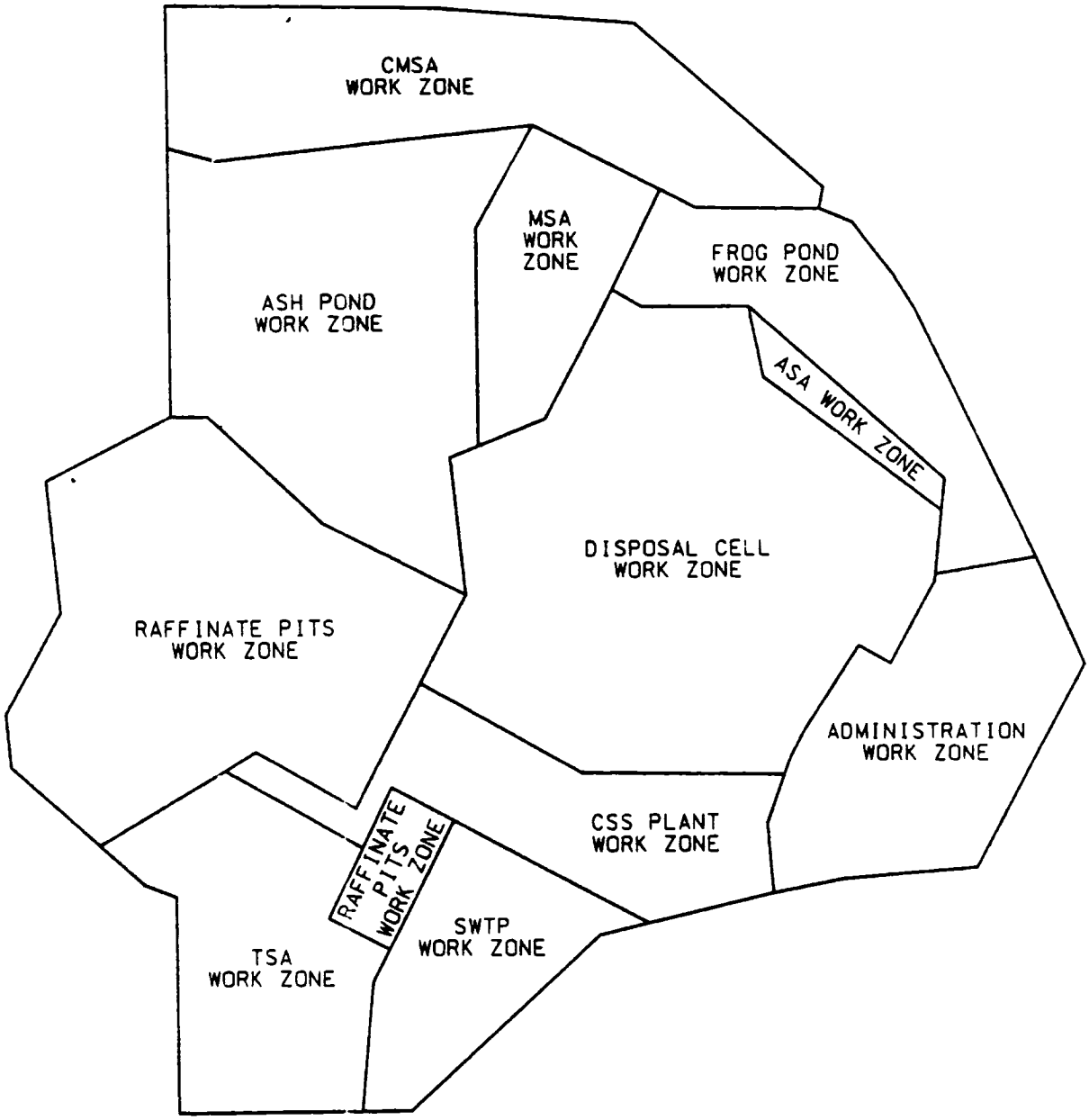
1.2 Scope

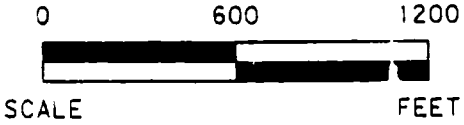
This report describes the remedial activities and confirmation surveying and sampling conducted on contaminated soils within RU022. Confirmation walkovers and soil sampling were conducted in accordance with the *Confirmation Sampling Plan Details for the Disposal Cell Facility (WP-437)* (Ref. 2). This plan was developed to ensure that the objectives identified in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 3) were accomplished and to ensure that the remediation requirements of the ROD were met.

1.3 Remediation and Confirmation Process

This report details the activities conducted to remediate the TSA portion of WP-437, which consisted of CUs 189 through 220. Remediation consisted of excavation of contaminated soils and underground utilities. Following remediation, walkovers were conducted where applicable, and confirmation samples were collected to ensure that contaminated materials had been remediated.

The entire remediation process included characterization sampling, historical data review, contaminants of concern (COC) identification, confirmation plan development, contaminated soil excavation, radiological walkover surveys, confirmation soil sampling, preliminary and final data review, completion of disposition forms, quality assurance/quality control (QA/QC) review, summary of findings and conclusions, and closure report preparation.





WP-437 WORK ZONE DESIGNATIONS

FIGURE 1-1

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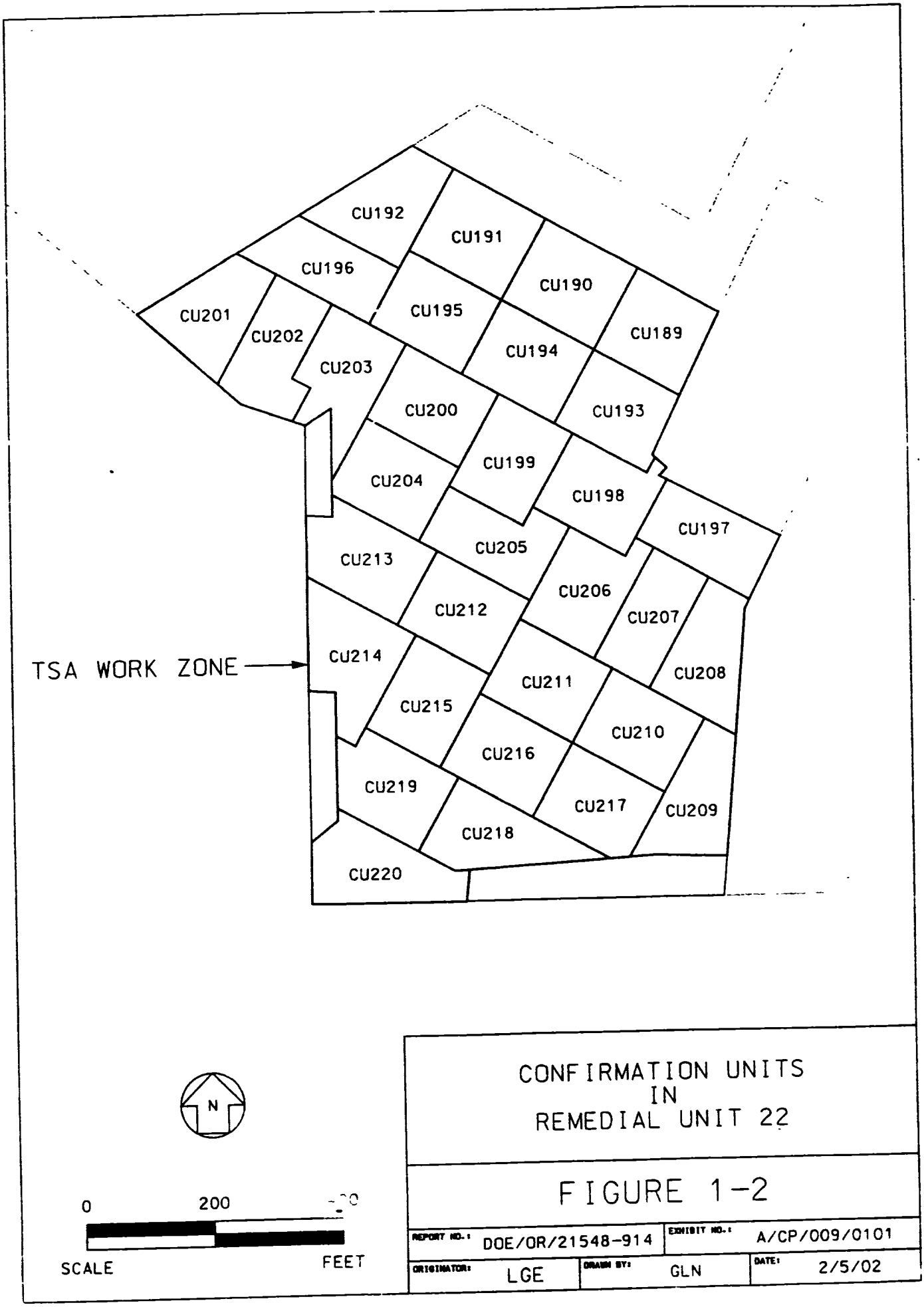
ORIGINATOR: LGE	DRAWN BY: GLN	DATE: 2/5/02	



CONFIRMATION UNITS
IN
REMEDIAL UNIT 22

FIGURE 1-2

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO.: A/CP/009/0101	
ORIGINATOR: LGE	DRAWN BY: GLN	DATE: 2/5/02	

2. PRE-REMEDIATION ACTIVITIES

2.1 Determining Contaminants of Concern

Contaminants of concern (COCs) determination was dependant upon historical information, characterization results, and visual observation during field activities, and not all COCs were required for all sample locations. The full process for identifying COCs is detailed in the *Confirmation Sampling Plan Details for the Disposal Cell Facility (WP-437)* (Ref. 2). This plan identified COCs for RU022 as arsenic (As), chromium (Cr), lead (Pb), thallium (Tl), polynuclear aromatic hydrocarbon (PAH), polychlorinated biphenyl (PCB), radium-226 (Ra-226), radium-228 (Ra-228), thorium-230 (Th-230), thorium-232 (Th-232), uranium-238 (U-238), and trinitrotoluene (TNT).

2.2 Data Quality Objectives

Data Quality Objectives (DQOs) were identified to specify quality data and ensure that the data would be sufficient to support the decision making process throughout remedial activities, including the confirmation process. Confirmation DQOs were developed for sampling and analyzing soils during remediation and for the subsequent data evaluation. The DQOs were designed to make statistically defensible decisions regarding attainment of cleanup standards. Sampling and analytical programs for the WP-437 work zones were designed in accordance with DQOs stated in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 3).

2.3 Cleanup Standards

The objective of the Department of Energy (DOE) ALARA process is to reduce exposures and risks associated with residual contamination. The ROD (Ref. 1) established two different sets of cleanup standards: risk-based cleanup criteria and As Low As Reasonably Achievable (ALARA) goals. Remedial activities for WP-437 were designed to remove soil where the COC concentrations were found by characterization or during remediation activities to exceed ALARA goals. Table 2-1 summarizes the cleanup criteria and ALARA goals established in the ROD that are applicable for COCs in the Temporary Storage Area work zone. Throughout the remedial activities at RU022, COC concentrations were evaluated with the ALARA process.

2.4 Cleanup Confirmation Process

The cleanup confirmation process is used to determine, under the remedial guidelines, if remediation activities have achieved the cleanup standards. Figure 2-1 shows the cleanup confirmation process for remedial activities conducted at the WP-437 area.

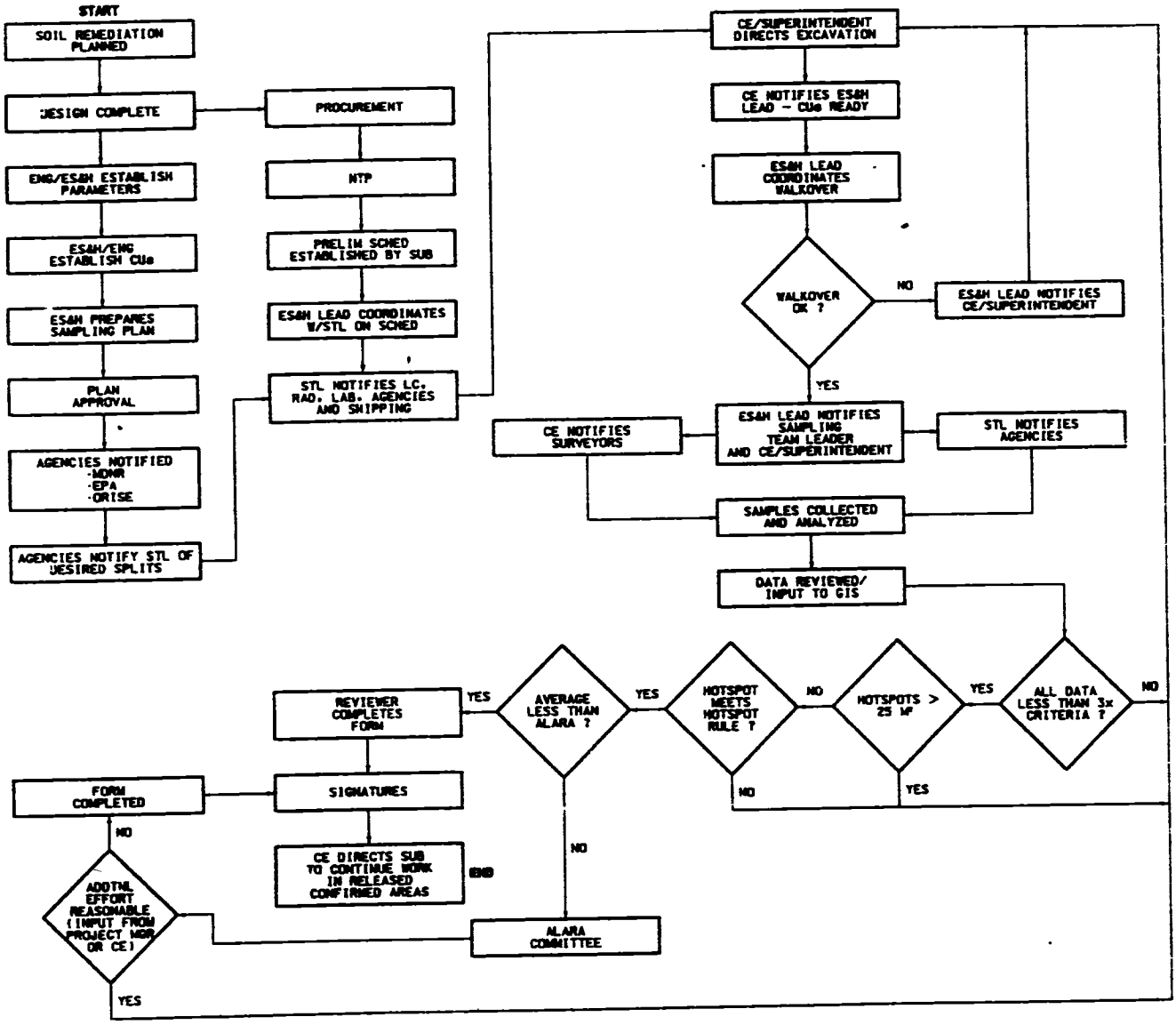
The decision-making process specifies how the data will be applied and evaluated within the cleanup confirmation process. The decision-making process includes provisions for any hot spots that may be encountered by applying a formula to determine the acceptable concentration for the COC.

Table 2-1 ROD Cleanup Standards for COCs within the WP-437 Temporary Storage Area Work Zone

	SURFACE [a]		SUBSURFACE [b]	
RADIONUCLIDE (pCi/g)	**ALARA**	**CRITERIA**	**ALARA**	**CRITERIA**
Ra-226	5.0	6.2	5.0	16.2
Ra-228	5.0	6.2	5.0	16.2
Total Radium	5.0	6.2	5.0	16.2
Th-230	5.0	6.2	5.0	16.2
Th-232	5.0	6.2	5.0	16.2
U-238	30.0	120	30.0	120.0
CHEMICAL (mg/kg)				
Arsenic	45	75	75	750
Chromium	90	110	110	1110
Lead	240	450	450	4500
Thallium	16	20	20	200
PAH	0.44	5.6	5.6	56
PCB	0.65	8	8	80
TNT	14	140	140	1400

(a) Values listed for surface soils apply to contamination within the upper 15 cm (6 in.) of the soil column.
(b) Values for subsurface apply to contamination in soils below 15 cm (6 in)

Source. *Record of Decision for Remedial Action at the Chemical Plant Area of the Weldon Spring Site* (Ref. 1)



CLEANUP CONFIRMATION PROCESS

FIGURE 2-1

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO.: A/PI/031/0601	
ORIGINATOR: LGE	DRAWN BY: GLN	DATE: 2/5/02	

3. REMEDIAL ACTIVITIES

3.1 Field Activities

Contaminated soils were removed from the Temporary Storage Area work zone and areas were excavated to design depths as detailed in the Temporary Storage Area work zone specifications (Ref. 4). After the initial excavation was complete, radiological walkover surveys were conducted to evaluate the need for additional excavation. When the surveys indicated no additional excavation was needed, confirmation soil samples were collected.

Confirmation results were then reviewed, and additional excavation and confirmation sampling was conducted in hot spot areas as necessary. After achieving cleanup standards, a disposition form was completed with preliminary analytical results. The form was reviewed and signed by authorized project personnel. The confirmation unit (CU) was then released back to the subcontractor for final grading.

Field activities completed during remediation, such as walkover surveys and soil sampling, were conducted in accordance with procedures specified in the *Confirmation Sampling Plan Details for the Disposal Cell Facility (WP-437)* (Ref. 2). Field activities were conducted to achieve and document sampling objectives specified in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 3). All sampling and remedial action surveys were conducted and documented in accordance with Weldon Spring Site Remedial Action Project (WSSRAP) Environmental Safety and Health (ES&H) procedures.

3.1.1 Walkover Surveys

For contaminated soil excavations in the TSA work zone, radiological walkover surveys were conducted after contaminated soil removal was completed to determine if confirmation sample collection could begin. The surveys were conducted using a 2 in. x 2 in. sodium iodide (NaI) scintillation detector. The survey readings were within an acceptable range (less than 1.5 times background) for all applicable CUs in this work zone. Background ranges for each of these CUs are listed in the CU Summary Forms in Section 4 of this report. Copies of Walkover Forms are presented in Appendix A.

3.1.2 Soil Sampling

Once the walkovers were completed, or it was determined that confirmation sample collection could begin, soil sampling was conducted as part of the confirmation process. The sampling locations for CUs in RU022 are shown in the figures in Section 4. Analytical suites for the CUs were dependant upon the COC list developed from historical information, characterization data, and visual identification in the field as discussed in Section 2.

One arsenic, thirty-two Th-230, and five total radium/Th-230 hot spots were encountered during confirmation of RU022. All of these hotspot locations except two, SC-19305-S and SC-21209-S, were further remediated in accordance with the guidelines established in the *Chemical Plant Area Cleanup Attainment Confirmation Plan* (Ref. 3). Details can be found in the appropriate CU Summary Forms in Section 4 of this report.

The subsequent survey and confirmation sample results indicated that contaminants were below the applicable cleanup standards and the averages were less than the applicable ALARA goals; therefore, no further remediation was conducted for RU022. Disposition forms were completed following the receipt of preliminary analytical data for all CUs within the TSA work zone.

3.2 Laboratory Activities

Radiological analyses for RU022 were conducted at on-site and off-site laboratories in accordance with the *Project Management Contractor Quality Assurance Program* (Ref. 5) and the *Environmental Quality Assurance Project Plan* (EQAPjP) (Ref. 6). CU releases were based on estimated Ra-226 results. In addition, the concentration of Th-232 was calculated based on the analytical results of Ra-228 and the calculated value was used for CU releases. Both of these calculations are explained in detail in interoffice correspondences (IOCs) in Appendix D.

Chemical analyses for RU022 were conducted at subcontracted off-site laboratories using Contract Laboratory Program (CLP) methodologies. Summaries of the analytical results for each CU can be found in Section 4 of this report. Analytical data were subjected to verification, review, and validation upon receipt from the laboratory, as detailed in Section 5 of this report.

3.3 Verification Activities

The Oak Ridge Institute for Science and Education (ORISE) was contracted by the U. S. Department of Energy (DOE) to verify confirmation soil sampling in the chemical plant area. Verification activities included independent walkover radiological surveys and collection and analysis of soil samples to verify proper disposition of CUs. Field verification activities were conducted in accordance with ORISE's final survey plan (Ref. 7).

ORISE visits to the Weldon Spring site to verify WP-437 work zones included sixteen CUs in the TSA work zone. The CUs were CU189, CU190, CU191, CU193, CU194, CU195, CU196, CU200, CU210, CU211, CU215, CU216, CU217, CU218, CU219, and CU220. Soil samples collected by ORISE are noted on the appropriate CU Summary Forms (Section 4). A table summarizing ORISE hotspot information is presented in Appendix E. A final verification report will be prepared by ORISE. The ORISE report will contain verification of walkover surveys and soil sampling results and will affirm that the remedial action objectives were achieved.

4. CONFIRMATION UNITS RESULTS SUMMARY

This section summarizes the confirmation unit (CU) analytical results for the thirty-two CUs in RU022. In total, 712 locations were sampled between 2/5/99 and 6/7/00. Preliminary results were below cleanup criteria. Average contaminant of concern (COC) concentrations as indicated by preliminary data remained below ALARA goals. All 100 m^2 averages from final data are less than criteria.

After the preliminary data were reviewed, disposition forms were completed and signed by authorized reviewers. Based on the preliminary confirmation data, all CUs in RU022 were fully released as complying with surface cleanup standards.

Note that the preliminary data were the initial results available immediately from the laboratory and were used for releases. These preliminary results could vary from the final results based upon laboratory quality checks or Weldon Spring Site Remedial Action Project (WSSRAP) verification activities. Upon receipt of the data packages, the final data were reviewed and compared to the preliminary data. The final analytical results agreed with or were lower than the preliminary results in all CUs, with the exception of one sample location in CU193, indicating that the remedial activities were completed in this work zone.

The final results meet the cleanup standards as detailed in the *Chemical Plant Area Cleanup Area Attainment Confirmation Plan* (Ref. 3) for all CUs in RU022. Tables 4-1 through 4-32 and associated figures provide the confirmation details for each CU, and all data presented is final data. Copies of the walkover survey information for each CU are presented in Appendix A. The final data are presented in Appendix B. A list of sample location coordinates is presented in Appendix C.

It should be noted that some locations in the TSA work zone were sampled for additional COCs in accordance with the Resource and Conservation Recovery Act (RCRA) closure requirements. Details can be found in the *RCRA Closure Document* (Ref. 8) and in Interoffice Correspondence (IOC) presented in Appendix D. These additional COCs and their concentrations are presented in the appropriate CU Summary forms in this section; they will not be included in summary statistics as they are not part of confirmation sampling.

On the following tables in this section, the "Date Released For Unrestricted Use" refers to the date that confirmation activities were completed and the CU was released to the subcontractor to begin final backfilling and/or regrading. The phrase is not synonymous with DOE Order 5400.5 terminology that refers to release without radiological restrictions.

Table 4 - 1 Summary of CU189

CU 189 RU 22

COC				
	Ra-226	X	As	X
	Ra-228	X	Cr	X
	Th-230	X	Pb	X
	Th-232	X	Tl	
	U-238	X	PAH	X
			PCB	
			TNT	

Reference Figure: 4 - 1

DATE RELEASED FOR UNRESTRICTED USE: 6 / 15 / 00

CLEANUP STANDARD [X] SURFACE [ ] SUBSURFACE

EACH 100m² < CRITERIA? [X] YES [ ] NO

LOCATION DESCRIPTION *This CU is located in the northeast portion of the Temporary Storage Area work zone.*

WALKOVER SURVEY INFORMATION

BACKGROUND: *5,000 - 12,000* cpm
(shielding may have been used on a case-by-case basis)

FINAL SURVEY(S) BELOW 1.5 X BACKGROUND ? [X] YES [ ] NO

DATE(S) SCANNED: *7/22/99 10/1/99 3/30 00 5/11/00 6/2/00 6/3/00*

CONFIRMATION SAMPLING INFORMATION

TOTAL # OF SAMPLE LOCATIONS : *29*

TOTAL # OF UTILITY SAMPLES : *0*

AVERAGES < ALARA? [X] YES [ ] NO

HOTSPOTS REMAINING? [ ] YES [X] NO

ADDITIONAL EXCAVATION REQUIRED? [X] YES [ ] NO

GENERAL COMMENTS - *Planned confirmation grid points represent RPX-5. Sample location SC-18924-C was added to represent RPX-8. One Total Radium / Th-230 hotspot was identified at SC-18924-C. Area was further excavated and resampled. Three Th-230 hotspots were identified at SC-18914-S, SC-18915-S, and SC-18919-S. These locations were not immediately re-excavated and resampled since they were situated at the site of a temporary haul ramp into Raffinate Pit 2. Affected sample locations include the three Th-230 hotspots mentioned above, as well as SC-18909-S and SC-18924-S. The locations were excavated and resampled upon removal of the temporary ramp. All final results are below criteria.*

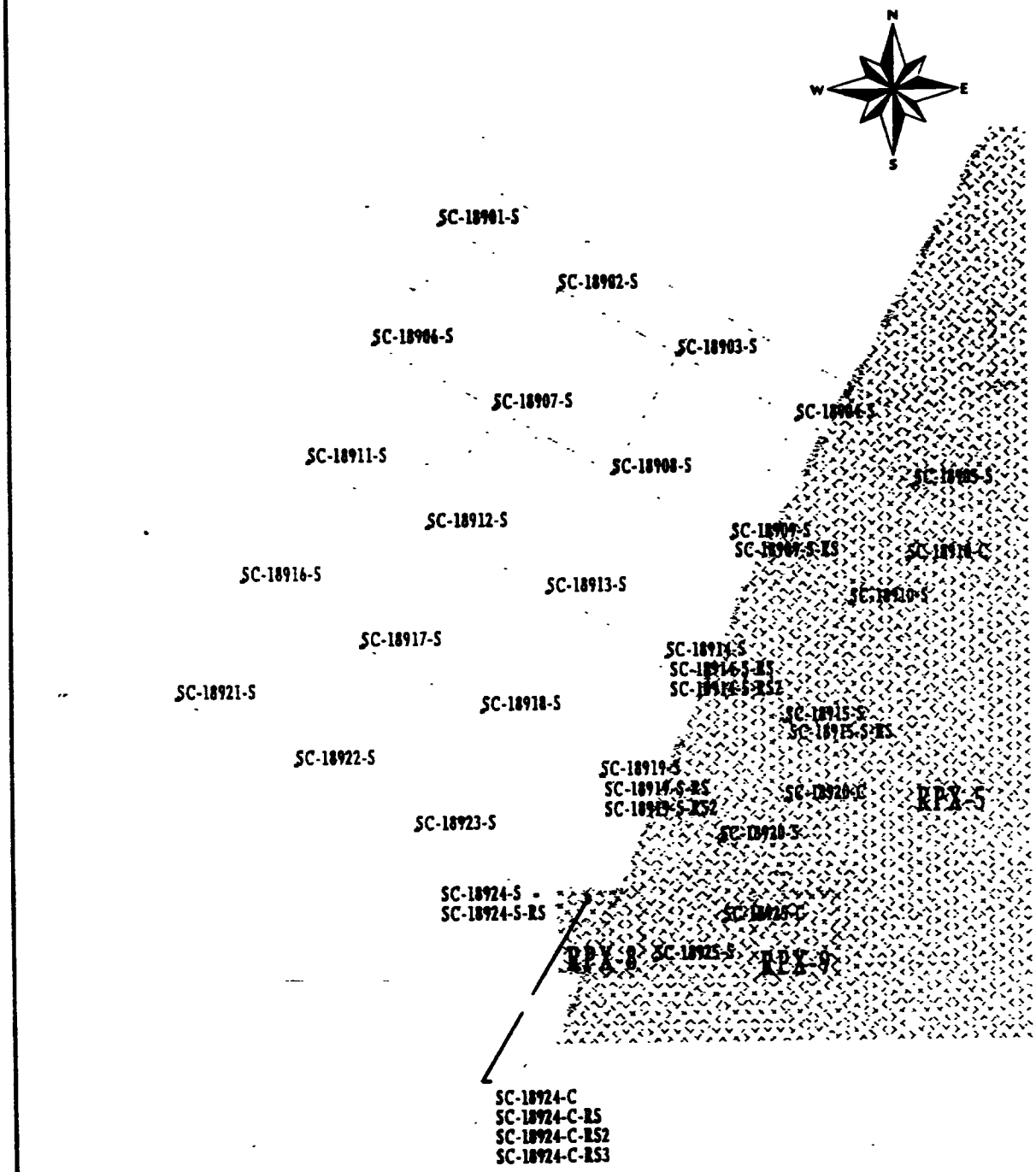
ORISE ACTION - *ORISE collected one unbiased soil sample approx. 5 ft. northeast of SC-18916-S. All results are below ALARA.*

ALARA COMMITTEE ACTION - *None*

CU SUMMARY DATA

As	10	4.6 - 15.2	9.1	45	75	0	0
Cr	10	14.6 - 22.7	18	90	110	0	0
Pb	10	7.9 - 20.9	12.88	240	450	0	0
Ra-226	21	0.57 - 1.3	0.88	5	6.2	0	0
Ra-228	21	0.3 - 1.27	0.77	5	6.2	0	0
Total Radium	21	0.87 - 2.41	1.65	5	6.2	0	0
Th-230	21	0.86 - 5.77	1.62	5	6.2	1	0
Th-232	21	0.31 -1.30	0.79	5	6.2	0	0
U-238	29	1.02 - 1.81	1.28	30	120	0	0
PAH	15	0 - 0.11	0.03	0.44	5.6	0	0

NOTE: Radiological contaminants are listed in pCi/g. Chemical contaminants are listed in mg/kg.



150 75 0 150 FEET

50 25 0 50 METERS

Sample Locations in Remedial Unit RU022 Confirmation Unit CU189

Figure: 4-1

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO.:	
ORIGINATOR: MGL	DRAWN BY: LGE	DATE: 01/22/02	

Table 4 - 2 Summary of CU190

CU	190	RU	22
COC	Ra-226	X	As	X
	Ra-228	X	Cr	X
	Th-230	X	Pb	X
	Th-232	X	Tl	
	U-238	X	PAH	X
			PCB	
Reference Figure:	4 - 2		TNT	

DATE RELEASED FOR UNRESTRICTED USE: 11 / 11 / 99

CLEANUP STANDARD [X] SURFACE [ ] SUBSURFACE

EACH 100m² < CRITERIA? [X] YES [ ] NO

LOCATION DESCRIPTION *This CU is located in the northeast portion of the Temporary Storage Area work zone.*

WALKOVER SURVEY INFORMATION

BACKGROUND: *8,000 - 12,000* cpm
(shielding may have been used on a case-by-case basis)

FINAL SURVEY(S) BELOW 1.5 X BACKGROUND ? [X] YES [ ] NO

DATE(S) SCANNED: *7/19/99 7/20/99 7/23/99 11/4/99*

CONFIRMATION SAMPLING INFORMATION

TOTAL # OF SAMPLE LOCATIONS : *34*

AVERAGES < ALARA? [X] YES [ ] NO

HOTSPOTS REMAINING? [ ] YES [X] NO

TOTAL # OF UTILITY SAMPLES : *0*

ADDITIONAL EXCAVATION REQUIRED? [X] YES [ ] NO

GENERAL COMMENTS - *One Total Radium / Th-230 hotspot was identified at SC-19016-S. Area was further excavated and resampled. All final results are below ALARA.*

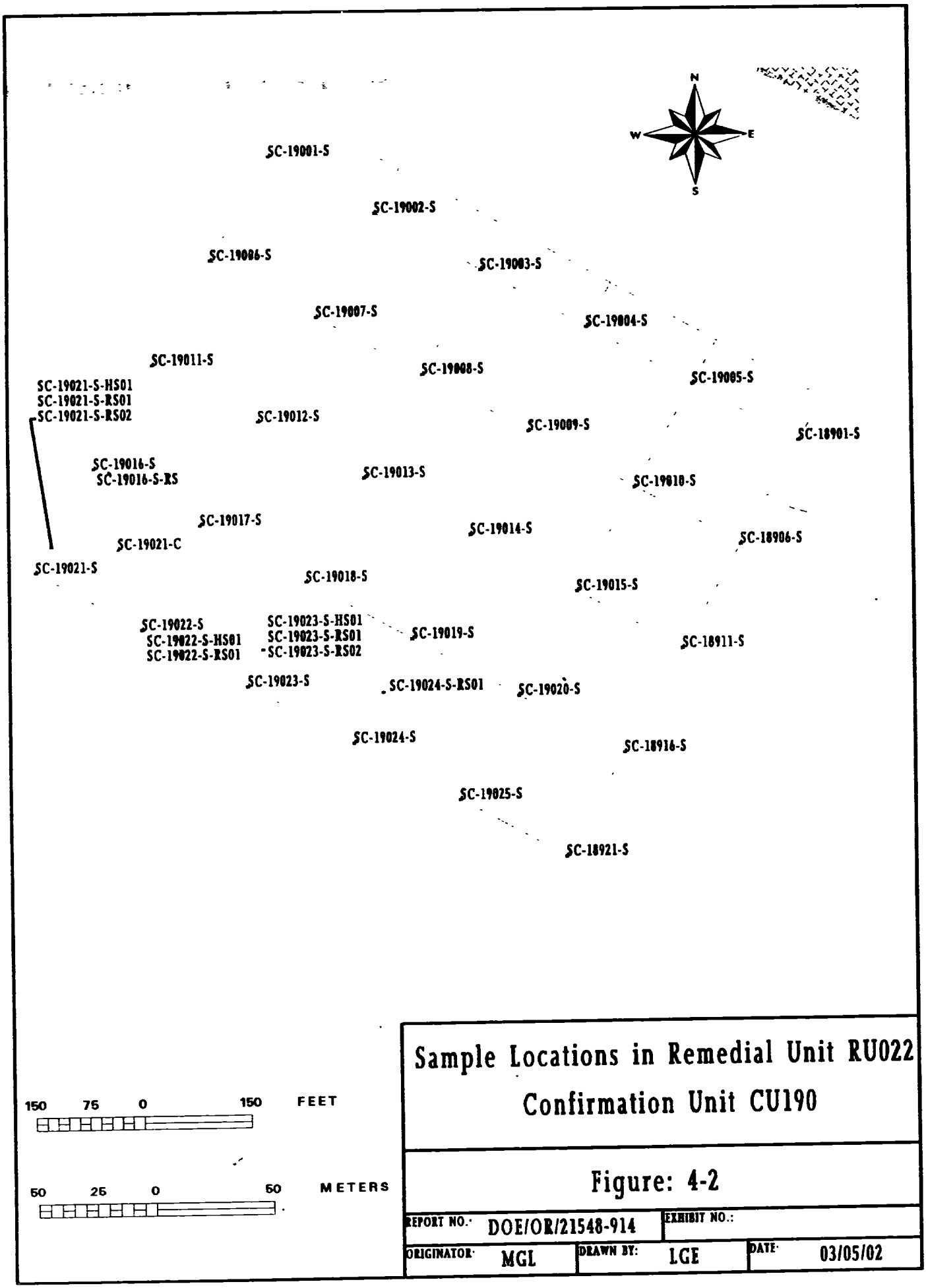
ORISE ACTION - *One unbiased sample was collected by ORISE at approx. 5 ft. northeast of SC-19012-S All results are below ALARA. Additionally, ORISE identified three areas with elevated survey readings and collected samples at each, one at approx. 10 ft. northeast of SC-19021-S, one at approx. 10 ft. northwest of SC-19023-S, and one at approx 15 ft. northeast of SC-19024-S. The Th-230 results for these three samples exceeded criteria, although the 100m² average remains below criteria. ORISE identified a fourth area with an elevated survey reading at SC-19022-S, which had already been identified as a hotspot by PMC. The areas associated with the biased samples were excavated and resampled by PMC. All final PMC sample results are below ALARA and included in in summary statistics. Details are presented in Appendix E.*

ALARA COMMITTEE ACTION - *None*

CU SUMMARY DATA

[redacted]							
As	25	5 - 18.8	10.42	45	75	0	0
Cr	25	14.6 - 24.3	19.59	90	110	0	0
Pb	25	8 - 38.3	14.72	240	450	0	0
Ra-226	28	0.33 - 1.1	0.92	5	6.2	0	0
Ra-228	28	0.45 - 1.47	0.92	5	6.2	0	0
Total Radium	28	1.30 - 2.42	1.84	5	6.2	0	0
Th-230	30	0.9 - 3.24	1.47	5	6.2	0	0
Th-232	28	0.46 - 1.5	0.94	5	6.2	0	0
U-238	34	1.18 - 13.6	1.74	30	120	0	0
PAH	25	results < detection limit	N/A	0.44	5.6	0	0

NOTE Radiological contaminants are listed in pCi/g. Chemical contaminants are listed in mg/kg



Sample Locations in Remedial Unit RU022 Confirmation Unit CU190

Figure: 4-2

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO.:	
ORIGINATOR: MGL	DRAWN BY: LGE	DATE: 03/05/02	

Table 4 - 3 Summary of CU191

CU	191	RU	22
COC	Ra-226	X	As	X
	Ra-228	X	Cr	X
	Th-230	X	Pb	X
	Th-232	X	Tl	
	U-238	X	PAH	X
			PCB	
Reference Figure:	4 - 3		TNT	

DATE RELEASED FOR UNRESTRICTED USE: 8 / 24 / 99

CLEANUP STANDARD [X] SURFACE [ ] SUBSURFACE

EACH 100m² < CRITERIA? [X] YES [ ] NO

LOCATION DESCRIPTION *This CU is located in the northern portion of the Temporary Storage Area work zone.*

WALKOVER SURVEY INFORMATION

BACKGROUND: *12,000* cpm
(shielding may have been used on a case-by-case basis)

FINAL SURVEY(S) BELOW 1.5 X BACKGROUND ? [X] YES [ ] NO

DATE(S) SCANNED: *7/20/99 7/23/99*

CONFIRMATION SAMPLING INFORMATION

TOTAL # OF SAMPLE LOCATIONS : *31*

TOTAL # OF UTILITY SAMPLES : *0*

AVERAGES < ALARA? [X] YES [ ] NO

HOTSPOTS REMAINING? [ ] YES [X] NO

ADDITIONAL EXCAVATION REQUIRED? [X] YES [ ] NO

GENERAL COMMENTS - *Two Total Radium / Th-230 hotspots were identified at SC-19016-S and SC-19107-S. Areas were further excavated and resampled. All final results are below ALARA*

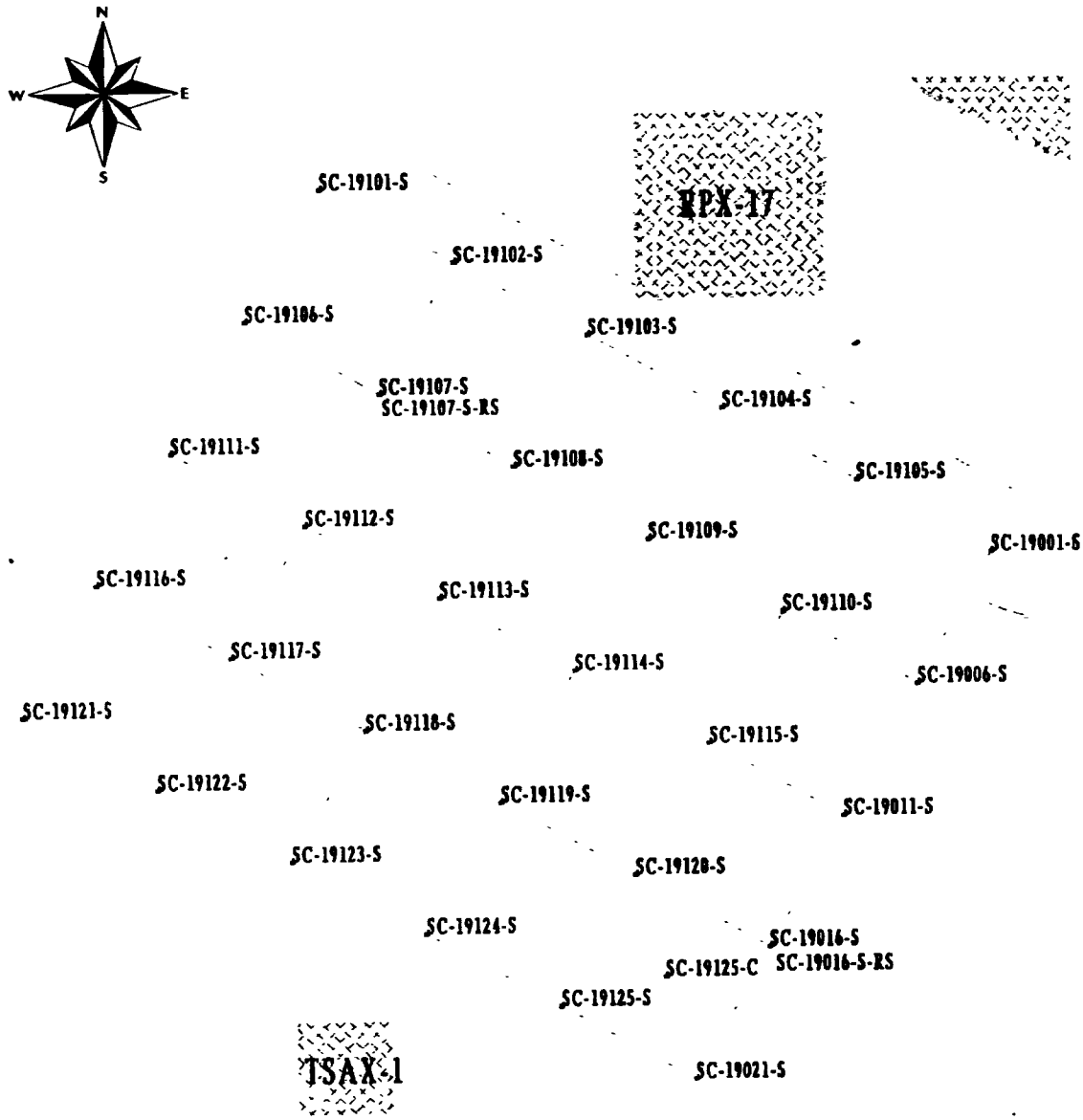
ORISE ACTION - *Four unbiased samples were collected by ORISE; one at approx. 2 ft. north of SC-19111-S, one at approx 5 ft. northeast of SC-19109-S, one at approx. 5 ft. north of SC-19119-S, and one at approx 5 ft. northeast of SC-19122-S. All results are below ALARA*

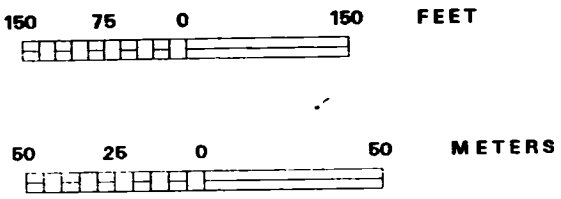
ALARA COMMITTEE ACTION - *None*

CU SUMMARY DATA

[redacted]							
As	25	6.1 - 20.9	11.63	45	75	0	0
Cr	25	15.7 - 39	20.28	90	110	0	0
Pb	25	8.8 - 48.8	15.97	240	450	0	0
Ra-226	26	0.33 - 1.1	0.93	5	6.2	0	0
Ra-228	26	0.44 - 1.5	0.92	5	6.2	0	0
Total Radium	26	0.76 - 2.43	1.85	5	6.2	0	0
Th-230	26	0.89 - 1.99	1.31	5	6.2	0	0
Th-232	26	0.33 -1.13	0.96	5	6.2	0	0
U-238	31	0.89 - 13.6	1.96	30	120	0	0
PAH	25	0 - 0.13	0.01	0.44	5.6	0	0

NOTE: Radiological contaminants are listed in pCi/g. Chemical contaminants are listed in mg/kg





Sample Locations in Remedial Unit RU022 Confirmation Unit CU191

Figure: 4-3

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO :	
ORIGINATOR MGL	DRAWN BY: LGE	DATE: 01/23/02	

Table 4 - 4 Summary of CU192

CU 192 RU 22

COC				
	Ra-226	X	As	X
	Ra-228	X	Cr	X
	Th-230	X	Pb	X
	Th-232	X	Tl	
	U-238	X	PAH	X
			PCB	
			TNT	

Reference Figure: 4 - 4

DATE RELEASED FOR UNRESTRICTED USE: 11 / 1 / 99

CLEANUP STANDARD [X] SURFACE [ ] SUBSURFACE

EACH 100m² < CRITERIA? [X] YES [ ] NO

LOCATION DESCRIPTION *This CU is located in the northern portion of the Temporary Storage Area work zone.*

WALKOVER SURVEY INFORMATION

BACKGROUND: *8,000 - 12,000* cpm
(shielding may have been used on a case-by-case basis)

FINAL SURVEY(S) BELOW 1.5 X BACKGROUND ? [X] YES [ ] NO

DATE(S) SCANNED: *7/20/99 7/23/99 10/25/99*

CONFIRMATION SAMPLING INFORMATION

TOTAL # OF SAMPLE LOCATIONS : 30

TOTAL # OF UTILITY SAMPLES : 0

AVERAGES < ALARA? [X] YES [ ] NO

HOTSPOTS REMAINING? [ ] YES [X] NO

ADDITIONAL EXCAVATION REQUIRED? [ ] YES [X] NO

GENERAL COMMENTS - *All final results are below ALARA*

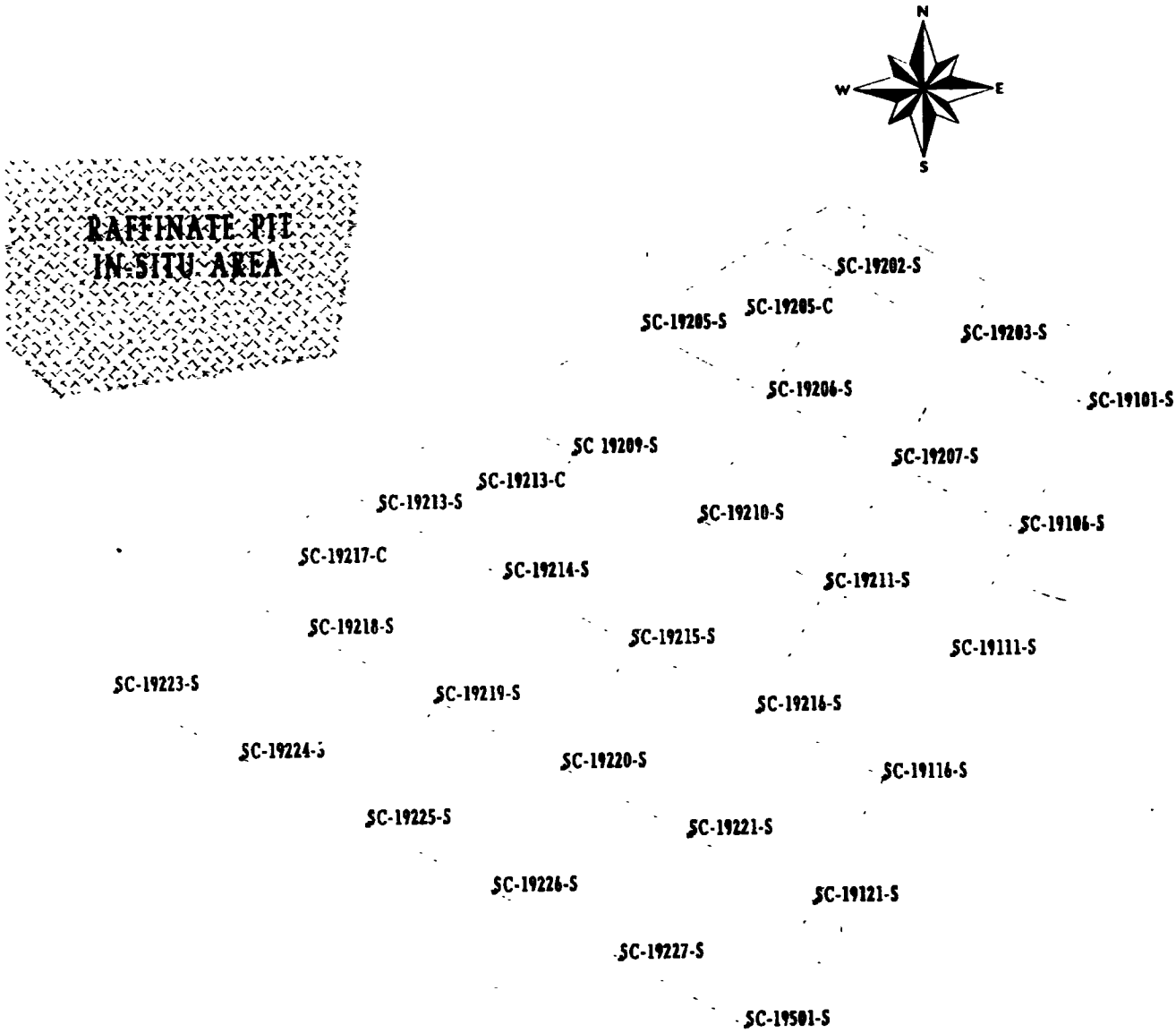
ORISE ACTION - *None*

ALARA COMMITTEE ACTION - *None*

CU SUMMARY DATA

As	11	9 - 12.6	10.8	45	75	0	0
Cr	11	15.7 - 23	19.34	90	110	0	0
Pb	11	12.6 - 18.1	14.39	240	450	0	0
Ra-226	11	0.33 - 1.1	0.85	5	6.2	0	0
Ra-228	11	0.43 - 1.2	0.89	5	6.2	0	0
Total Radium	11	0.76 - 2.13	1.74	5	6.2	0	0
Th-230	11	0.89 - 1.99	1.35	5	6.2	0	0
Th-232	11	0.44 -1.23	0.92	5	6.2	0	0
U-238	30	1.22 - 8.73	1.56	30	120	0	0
PAH	11	results < detection limit	N/A	0.44	5.6	0	0

NOTE: Radiological contaminants are listed in pCi/g. Chemical contaminants are listed in mg/kg



150 75 0 150 FEET

50 25 0 50 METERS

Sample Locations in Remedial Unit RU022 Confirmation Unit CU192

Figure: 4-4

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO.:	
ORIGINATOR: MGL	DRAWN BY: LGE	DATE: 01/23/02	

Table 4 - 5 Summary of CU193

CU	193	RU	22
COC	Ra-226	X	As X
	Ra-228	X	Cr X
	Th-230	X	Pb X
	Th-232	X	Tl
	U-238	X	PAH X
			PCB
Reference Figure:	4 - 5		TNT

DATE RELEASED FOR UNRESTRICTED USE: 6 / 2 / 00

CLEANUP STANDARD [X] SURFACE [ ] SUBSURFACE

EACH 100m² < CRITERIA? [X] YES [ ] NO

LOCATION DESCRIPTION *This CU is located in the north-eastern portion of the Temporary Storage Area work zone.*

WALKOVER SURVEY INFORMATION

BACKGROUND: *5,000 - 12,000* cpm
(shielding may have been used on a case-by-case basis)

FINAL SURVEY(S) BELOW 1.5 X BACKGROUND ? [X] YES [ ] NO

DATE(S) SCANNED: *7/18/99 9/29/99 3/30/00 4/29/00 5/1/00 5/5/00*

CONFIRMATION SAMPLING INFORMATION

TOTAL # OF SAMPLE LOCATIONS : *26*

AVERAGES < ALARA? [X] YES [ ] NO

HOTSPOTS REMAINING? [X] YES [ ] NO

TOTAL # OF UTILITY SAMPLES : *0*

ADDITIONAL EXCAVATION REQUIRED? [X] YES [ ] NO

GENERAL COMMENTS - *Planned confirmation grid points represent RPX-5, RPX-8, and RPX-13. SC-18924-S was resampled upon removal of a temporary haul ramp into Raffinate Pit 2. Five Th-230 hotspots were identified at SC-19301-S, SC-19304-S, SC-19305-S, SC-19309-S, and SC-19310-S. SC-19301-S was initially sampled around to determine size but did not meet the hotspot rule, therefore the additional samples collected were not included in summary statistics. All five areas were further excavated and resampled. SC-19305-S-RS total radium concentration was below criteria in preliminary data, but 0.02 pCi/g above criteria in final data. Since area releases are based on preliminary data (See Section 4), the area was not initially identified as a hotspot and remains in place All other final results are below ALARA.*

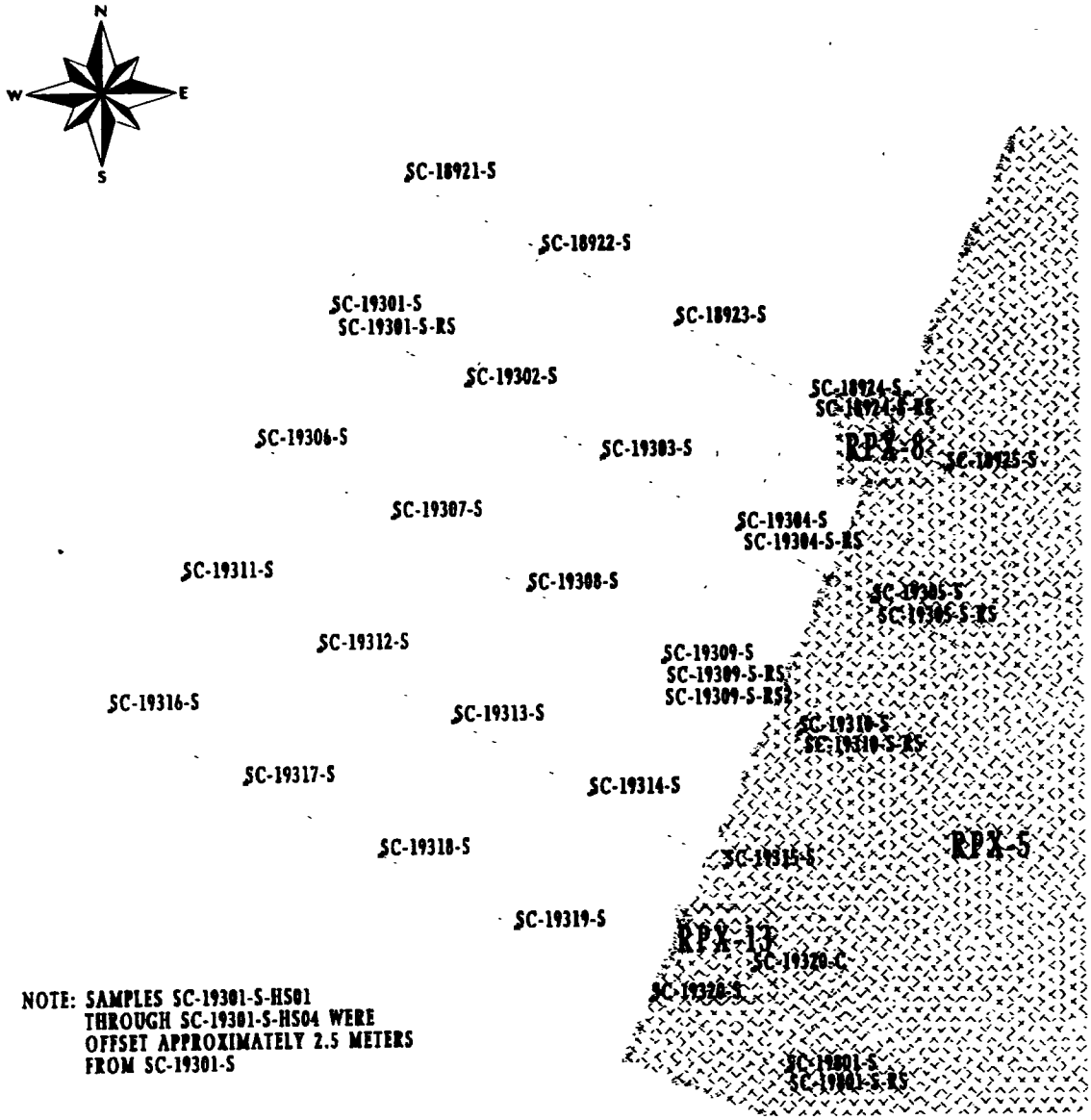
ORISE ACTION - *ORISE collected one unbiased soil sample approx. 5 ft. northeast of SC-19312-S All results are below ALARA*

ALARA COMMITTEE ACTION - *None*

CU SUMMARY DATA

[redacted]							
As	21	4.3 - 13.4	7.59	45	75	0	0
Cr	2	14.2 - 25.8	18.7	90	110	0	0
Pb	21	7.7 - 19.4	11.99	240	450	0	0
Ra-226	25	0.71 - 4.77	1.09	5	6.2	0	0
Ra-228	26	0.39 - 1.64	0.87	5	6.2	0	0
Total Radium	25	1.16 - 6.22	1.95	5	6.2	1	1
Th-230	26	0.98 - 2.33	1.49	5	6.2	0	0
Th-232	26	0.40 - 1.6	0.89	5	6.2	0	0
U-238	26	1.11 - 3.14	1.38	30	120	0	0
PAH	24	0 - 0.11	0.01	0.44	5.6	0	0

NOTE: Radiological contaminants are listed in pCi/g. Chemical contaminants are listed in mg/kg.



NOTE: SAMPLES SC-19301-S-HS01 THROUGH SC-19301-S-HS04 WERE OFFSET APPROXIMATELY 2.5 METERS FROM SC-19301-S

150 75 0 150 FEET

50 25 0 50 METERS

Sample Locations in Remedial Unit RU022 Confirmation Unit CU193

Figure: 4-5

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO.:	
ORIGINATOR: MGL	DRAWN BY: LGE	DATE: 03/06/02	

Table 4 - 6 Summary of CU194

CU	194	RU	22
COC	Ra-226	X	As	X
	Ra-228	X	Cr	X
	Th-230	X	Pb	X
	Th-232	X	Tl	
	U-238	X	PAH	X
			PCB	
Reference Figure:	4 - 6		TNT	

DATE RELEASED FOR UNRESTRICTED USE: 8 / 24 / 99

CLEANUP STANDARD [X] SURFACE [ ] SUBSURFACE

EACH 100m² < CRITERIA? [X] YES [ ] NO

LOCATION DESCRIPTION *This CU is located in the north-eastern portion of the Temporary Storage Area work zone.*

WALKOVER SURVEY INFORMATION

BACKGROUND: *12,000* cpm
(shielding may have been used on a case-by-case basis)

FINAL SURVEY(S) BELOW 1.5 X BACKGROUND ? [X] YES [ ] NO

DATE(S) SCANNED: *7/19/99 7/22/99*

CONFIRMATION SAMPLING INFORMATION

TOTAL # OF SAMPLE LOCATIONS : 30

AVERAGES < ALARA? [X] YES [ ] NO

HOTSPOTS REMAINING? [ ] YES [X] NO

TOTAL # OF UTILITY SAMPLES : 0

ADDITIONAL EXCAVATION REQUIRED? [X] YES [ ] NO

GENERAL COMMENTS - *One Th-230 hotspot was identified at SC-19301-S The location was initially sampled around to determine size but did not meet the hotspot rule, therefore the additional samples collected were not included in summary statistics The area was further excavated and resampled. All final results are below ALARA.*

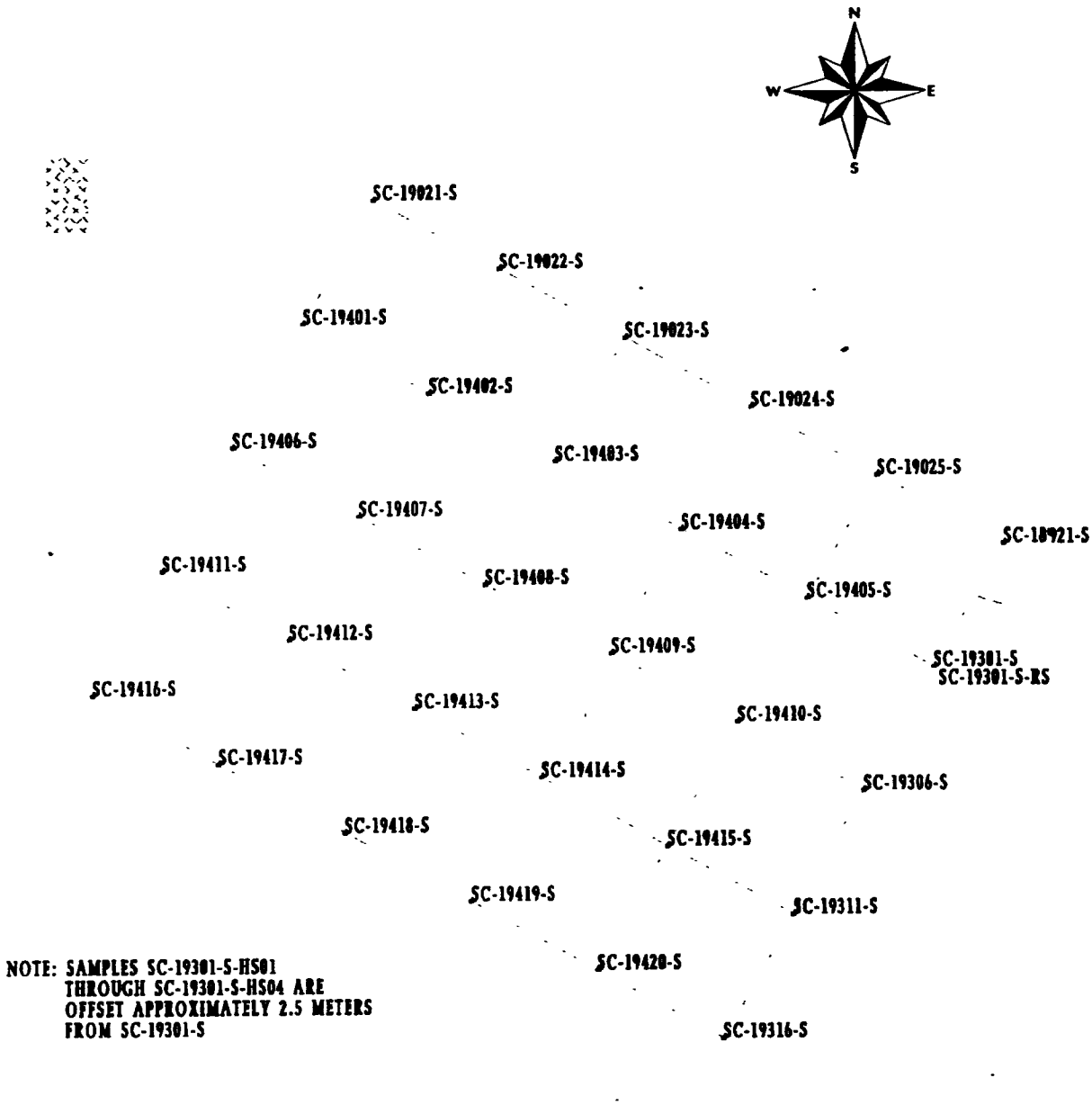
ORISE ACTION - *Five unbiased soil samples were collected by ORISE; one at approx. 15 ft. southwest of SC-19024-S, one at approx. 5 ft. southeast of SC-19024-S, one at approx. 5 ft. north of SC-19419, one at approx. the same location as SC-19410-S, and one at approx. the same location as SC-19412-S. All results are below criteria*

ALARA COMMITTEE ACTION - *None*

CU SUMMARY DATA

[redacted]							
As	30	4 - 14.4	7.07	45	75	0	0
Cr	30	14.7 - 24.6	18.2	90	110	0	0
Pb	30	7 - 20.5	11.36	240	450	0	0
Ra-226	30	0.34 - 1.32	0.91	5	6.2	0	0
Ra-228	30	0.38 - 1.64	0.86	5	6.2	0	0
Total Radium	30	0.81 - 2.96	1.77	5	6.2	0	0
Th-230	30	0.74 - 4.82	1.53	5	6.2	0	0
Th-232	30	0.38 - 1.6	0.88	5	6.2	0	0
U-238	30	1.17 - 3.2	1.43	30	120	0	0
PAH	30	results < detection limit	N/A	0.44	5.6	0	0

NOTE: Radiological contaminants are listed in pCi/g. Chemical contaminants are listed in mg/kg.



NOTE: SAMPLES SC-19301-S-HS01 THROUGH SC-19301-S-HS04 ARE OFFSET APPROXIMATELY 2.5 METERS FROM SC-19301-S

150 75 0 150 FEET

50 25 0 50 METERS

Sample Locations in Remedial Unit RU022 Confirmation Unit CU194

Figure: 4-6

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO.:	
ORIGINATOR: MGL	DRAWN BY: LGE	DATE: 03/06/02	

Table 4 - 7 Summary of CU195

CU	195	RU	22
COC	Ra-226	X	As	X
	Ra-228	X	Cr	X
	Th-230	X	Pb	X
	Th-232	X	Tl	
	U-238	X	PAH	X
			PCB	
Reference Figure:	4 - 7		TNT	

DATE RELEASED FOR UNRESTRICTED USE: 8 / 24 / 99

CLEANUP STANDARD [X] SURFACE [ ] SUBSURFACE

EACH 100m² < CRITERIA? [X] YES [ ] NO

LOCATION DESCRIPTION *This CU is located in the northern portion of the Temporary Storage Area work zone.*

WALKOVER SURVEY INFORMATION

BACKGROUND: *12,000* cpm
(shielding may have been used on a case-by-case basis)

FINAL SURVEY(S) BELOW 1.5 X BACKGROUND ? [X] YES [ ] NO

DATE(S) SCANNED: *7/20/99*

CONFIRMATION SAMPLING INFORMATION

TOTAL # OF SAMPLE LOCATIONS : *30*

AVERAGES < ALARA? [X] YES [ ] NO

HOTSPOTS REMAINING? [ ] YES [X] NO

TOTAL # OF UTILITY SAMPLES : *0*

ADDITIONAL EXCAVATION REQUIRED? [X] YES [ ] NO

GENERAL COMMENTS - *A planned confirmation grid point represents TSAX-1 SC-19516-S was offset slightly to the north to represent TSAX-11 One Th-230 hotspot was identified at SC-19518-S Area was further excavated and resampled. All final results are below ALARA.*

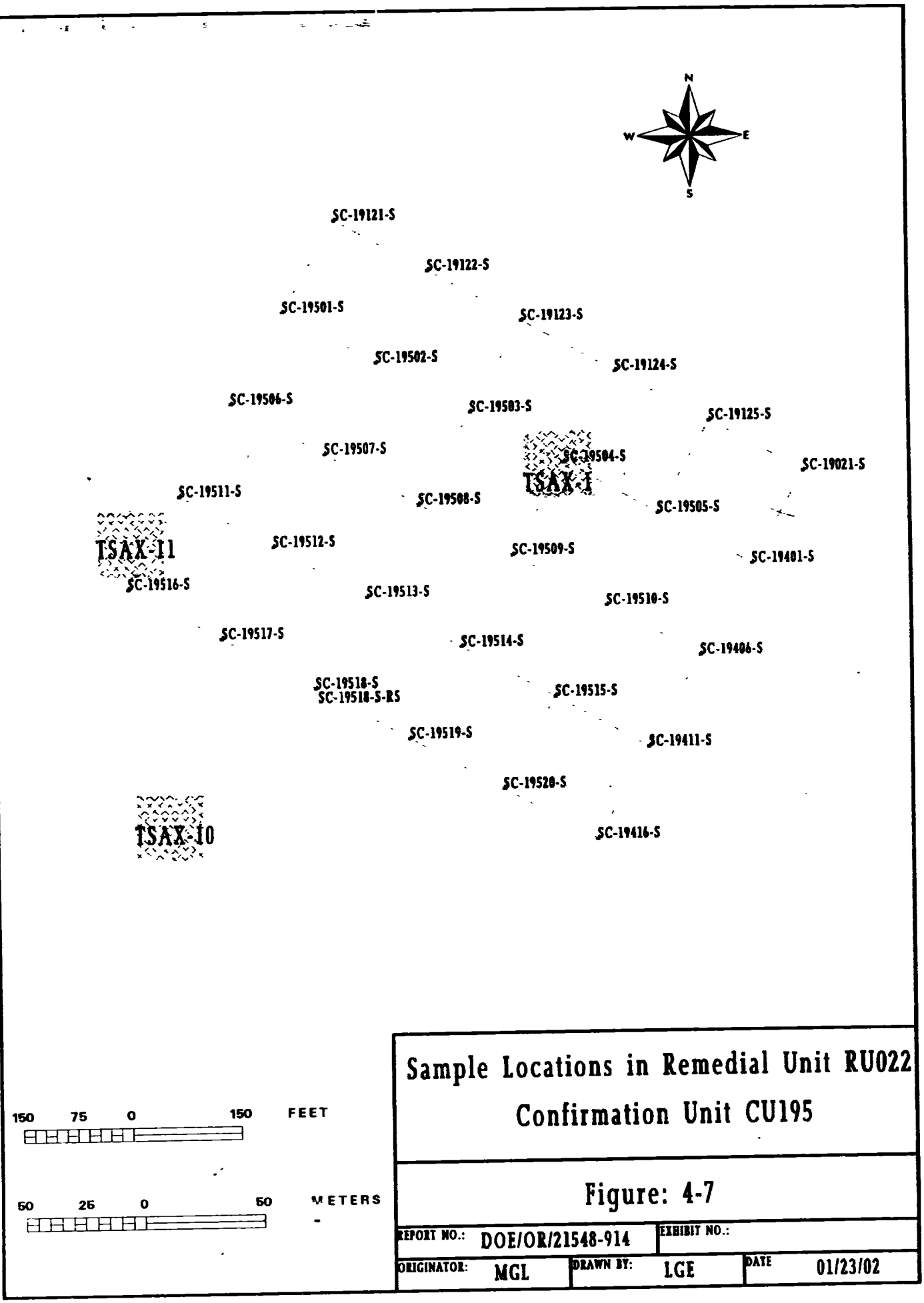
ORISE ACTION - *Four unbiased soil samples were collected by ORISE; one at approx. the same location as SC-19504-S, one at approx the same location as SC-19515-S, one at approx. the same location as SC-19516-S, and one at approx 5 ft. north of SC-19519-S All results are below ALARA.*

ALARA COMMITTEE ACTION - *None*

CU SUMMARY DATA

As	30	4.4 - 12.8	7.88	45	75	0	0
Cr	30	12.9 - 39	18.60	90	110	0	0
Pb	30	8.4 - 20.5	12.72	240	450	0	0
Ra-226	30	0.33 - 1.09	0.91	5	6.2	0	0
Ra-228	30	0.43 - 1.35	0.82	5	6.2	0	0
Total Radium	30	0.81 - 2.39	1.73	5	6.2	0	0
Th-230	30	0.8 - 4.69	1.51	5	6.2	0	0
Th-232	30	0.44 - 1.3	0.84	5	6.2	0	0
U-238	30	1.21 - 3.92	1.40	30	120	0	0
PAH	30	0 - 0.29	0.01	0.44	5.6	0	0

NOTE: Radiological contaminants are listed in pCi/g. Chemical contaminants are listed in mg/kg



Sample Locations in Remedial Unit RU022
Confirmation Unit CU195

Figure: 4-7

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO.:	
ORIGINATOR: MGL	DRAWN BY: LGE	DATE 01/23/02	

Table 4 - 8 Summary of CU196

CU	196	RU	22
COC	Ra-226	X	As	X
	Ra-228	X	Cr	X
	Th-230	X	Pb	X
	Th-232	X	Tl	
	U-238	X	PAH	X
			PCB	
Reference Figure:	4 - 8		TNT	

DATE RELEASED FOR UNRESTRICTED USE: 11 / 15 / 99

CLEANUP STANDARD [X] SURFACE [ ] SUBSURFACE

EACH 100m² < CRITERIA? [X] YES [ ] NO

LOCATION DESCRIPTION *This CU is located in the northern portion of the Temporary Storage Area work zone.*

WALKOVER SURVEY INFORMATION

BACKGROUND: *8,000 - 12,000* cpm
(shielding may have been used on a case-by-case basis)

FINAL SURVEY(S) BELOW 1.5 X BACKGROUND ? [X] YES [ ] NO

DATE(S) SCANNED: *7/20/99 7/23/99 8/2/99 10/25/99*

(Walkover survey information for SC-19615-S was not located.)

CONFIRMATION SAMPLING INFORMATION

TOTAL # OF SAMPLE LOCATIONS : 29

TOTAL # OF UTILITY SAMPLES : 0

AVERAGES < ALARA? [X] YES [ ] NO

HOTSPOTS REMAINING? [ ] YES [X] NO

ADDITIONAL EXCAVATION REQUIRED? [X] YES [ ] NO

GENERAL COMMENTS - *SC-19516-S was offset slightly to the north to represent TSAX-11 One total radium / Th-230 hotspot was identified at SC-19610-S Area was further excavated and resampled. All final results are below criteria*

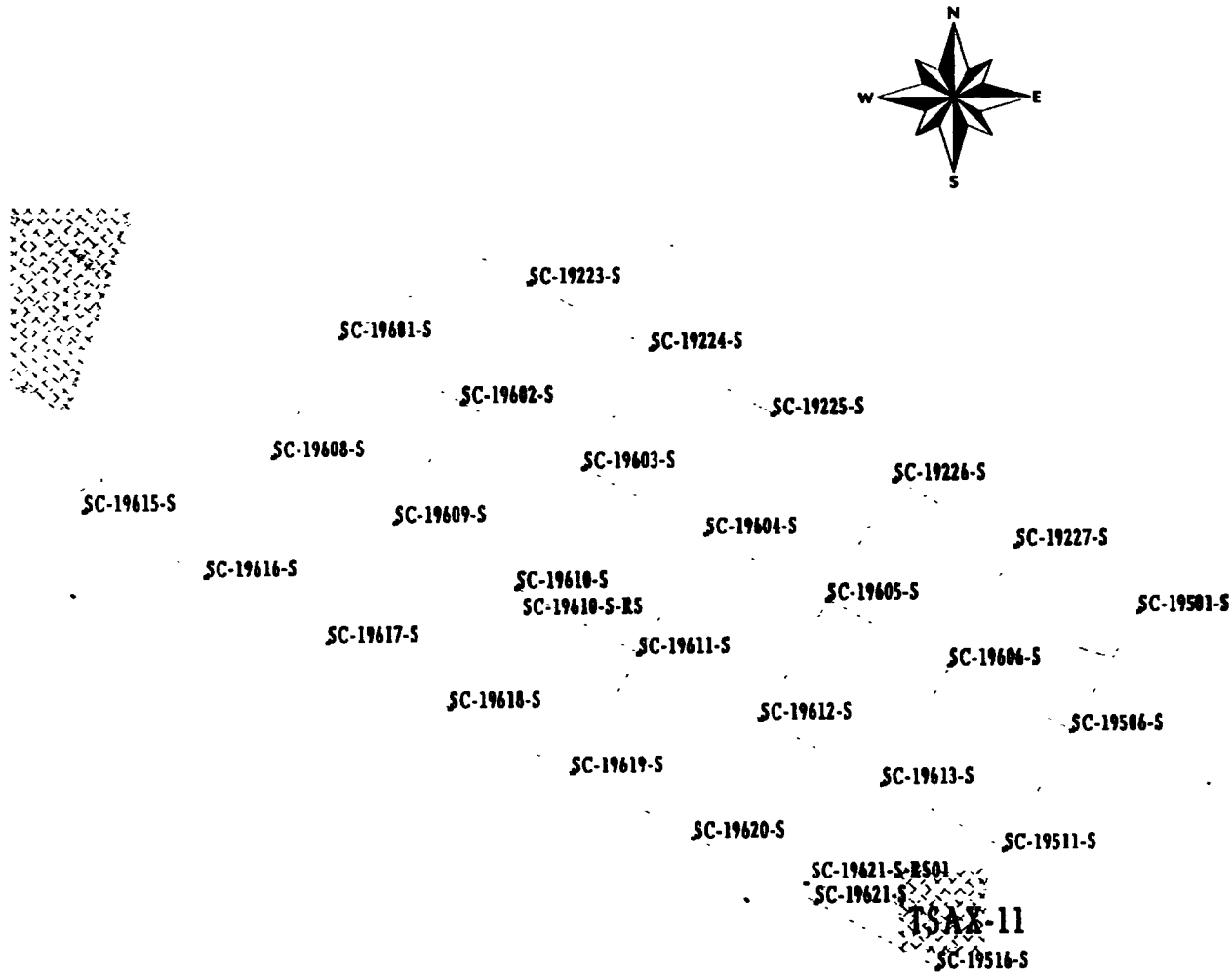
ORISE ACTION - *One unbiased soil sample was collected by ORISE at approx. the same location as SC-19606-S The Th-230 results for this sample exceeded criteria, although the 100m² average remains below criteria Additionally, ORISE identified one area with an elevated survey reading approx. 5 ft. north of SC-19621-S, and collected a sample at that location The area associated with the biased sample was excavated and resampled by PMC. All final PMC sample results are below ALARA and included in summary statistics. Details are presented in Appendix E*

ALARA COMMITTEE ACTION - *None*

CU SUMMARY DATA

As	18	5.7 - 13.6	9.97	45	75	0	0
Cr	18	11.4 - 21.4	17.09	90	110	0	0
Pb	18	11.6 - 36.1	18.03	240	450	0	0
Ra-226	18	0.31 - 1.06	0.88	5	6.2	0	0
Ra-228	18	0.42 - 1.43	0.95	5	6.2	0	0
Total Radium	18	0.73 - 2.42	1.83	5	6.2	0	0
Th-230	19	0.77 - 4.5	1.96	5	6.2	0	0
Th-232	18	0.43 - 1.4	0.97	5	6.2	0	0
U-238	28	1.14 - 8.85	1.71	30	120	0	0
PAH	18	0 - 1.04	0.08	0.44	5.6	1	0

NOTE: Radiological contaminants are listed in pCi/g. Chemical contaminants are listed in mg/kg



150 75 0 150 FEET

50 25 0 50 METERS

Sample Locations in Remedial Unit RU022 Confirmation Unit CU196

Figure: 4-8

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO.:	
ORIGINATOR: MGL	DRAWN BY: LGE	DATE: 03/06/02	

Table 4 - 9 Summary of CU197

CU	197	RU	22
COC	Ra-226	X	As
	Ra-228	X	Cr
	Th-230	X	Pb
	Th-232	X	Tl
	U-238	X	PAH X
			PCB X
Reference Figure:	4 - 9		TNT

DATE RELEASED FOR UNRESTRICTED USE: 5 / 31 / 00

CLEANUP STANDARD [X] SURFACE [ ] SUBSURFACE

EACH 100m² < CRITERIA? [X] YES [ ] NO

LOCATION DESCRIPTION *This CU is located in the eastern portion of the Temporary Storage Area work zone.*

WALKOVER SURVEY INFORMATION

BACKGROUND: *4,500 - 6,000* cpm
(shielding may have been used on a case-by-case basis)

FINAL SURVEY(S) BELOW 1.5 X BACKGROUND ? [X] YES [ ] NO

DATE(S) SCANNED: *3/1/00 3/28/00 3/31/00 4/16/00 4/27/00 4/28/00 4/29/00 5/1/00*

CONFIRMATION SAMPLING INFORMATION

TOTAL # OF SAMPLE LOCATIONS: *30*

AVERAGES < ALARA? [X] YES [ ] NO

HOTSPOTS REMAINING? [ ] YES [X] NO

TOTAL # OF UTILITY SAMPLES : *2*

ADDITIONAL EXCAVATION REQUIRED? [ ] YES [X] NO

GENERAL COMMENTS - *Planned confirmation grid points represent RPX-5 and TSAX-5 Two utility samples were added upon removal of an above ground fuel tank All final results are below ALARA*

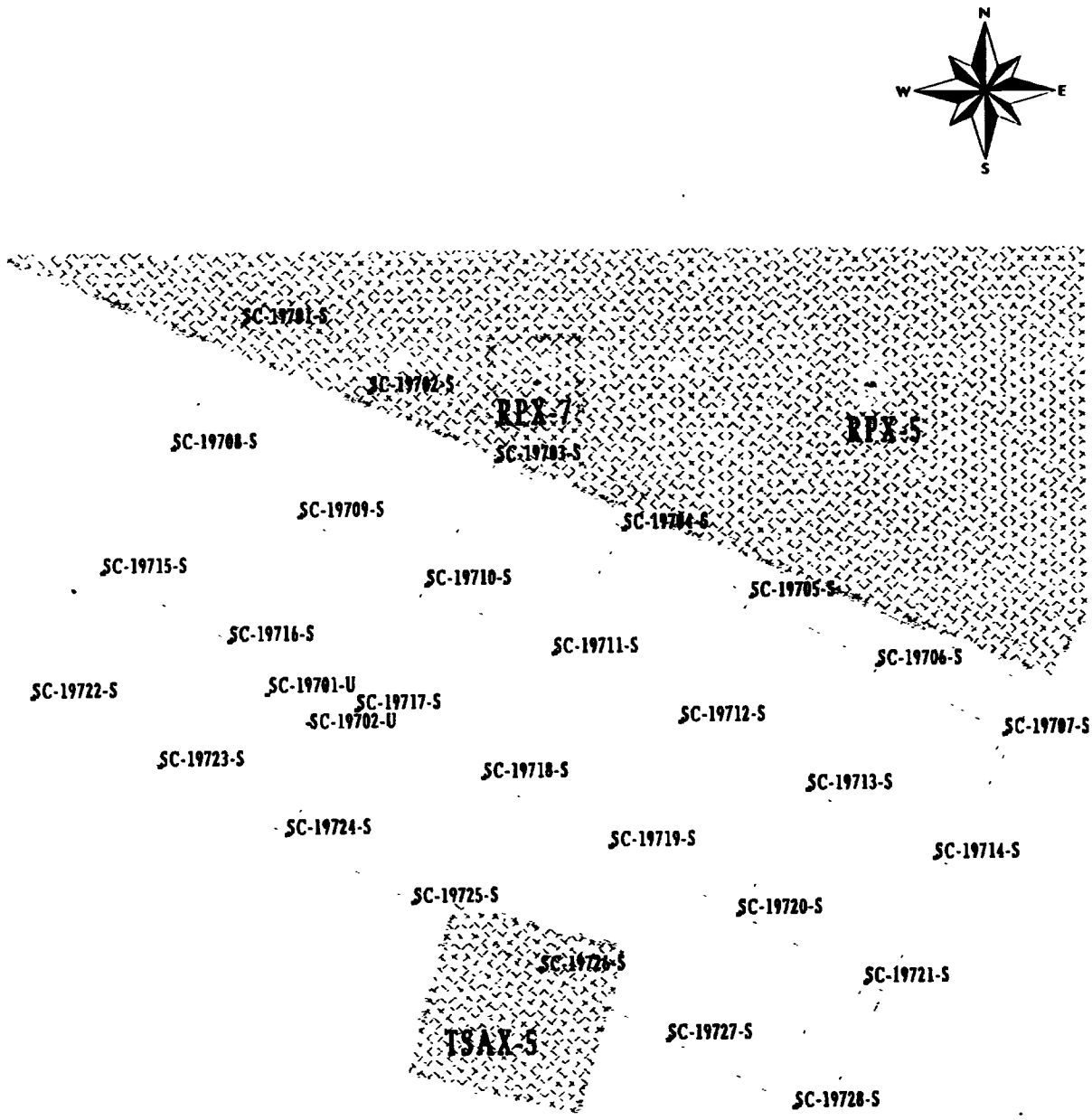
ORISE ACTION - *None*

ALARA COMMITTEE ACTION - *None*

CU SUMMARY DATA

[redacted]							
Ra-226	1	0.74	N/A	5	6.2	0	0
Ra-228	1	0.36	N/A	5	6.2	0	0
Total Radium	1	1.1	N/A	5	6.2	0	0
Th-230	1	1.2	N/A	5	6.2	0	0
Th-232	1	0.76	N/A	5	6.2	0	0
U-238	30	1.01 - 3.5	1.19	30	120	0	0
PAH	4	0.03 - 0.04	0.03	0.44	5.6	0	0
PCB	7	0 - 0.17	0.06	0.65	8	0	0

NOTE. Radiological contaminants are listed in pCi/g. Chemical contaminants are listed in mg/kg



150 75 0 150 FEET

50 25 0 50 METERS

Sample Locations in Remedial Unit RU022 Confirmation Unit CU197

Figure: 4-9

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO.:	
ORIGINATOR: MGL	DRAWN BY: LGE	DATE: 03/06/02	

Table 4 - 10 Summary of CU198

CU	198	RU	22
COC	Ra-226	X	As	X
	Ra-228	X	Cr	X
	Th-230	X	Pb	X
	Th-232	X	Tl	
	U-238	X	PAH	X
	DNT	X	PCB	
Reference Figure:	4 - 10		TNT	X

DATE RELEASED FOR UNRESTRICTED USE: 5 / 19 / 00

CLEANUP STANDARD [X] SURFACE [ ] SUBSURFACE

EACH 100m² < CRITERIA? [X] YES [ ] NO

LOCATION DESCRIPTION *This CU is located in the eastern portion of the Temporary Storage Area work zone.*

WALKOVER SURVEY INFORMATION

BACKGROUND: *5,000 - 6,000* cpm
(shielding may have been used on a case-by-case basis)

FINAL SURVEY(S) BELOW 1.5 X BACKGROUND ? [X] YES [ ] NO

DATE(S) SCANNED: *3/30/00 3/31/00 4/3/00 4/30/00 5/1/00 5/5/00*

CONFIRMATION SAMPLING INFORMATION

TOTAL # OF SAMPLE LOCATIONS : *34*

AVERAGES < ALARA? [X] YES [ ] NO

HOTSPOTS REMAINING? [ ] YES [X] NO

TOTAL # OF UTILITY SAMPLES : *0*

ADDITIONAL EXCAVATION REQUIRED? [X] YES [ ] NO

GENERAL COMMENTS - *Planned confirmation grid points represent RPX-5 One Th-230 hotspot was identified at SC-19801-S Area was further excavated and resampled. All final results are below criteria.*

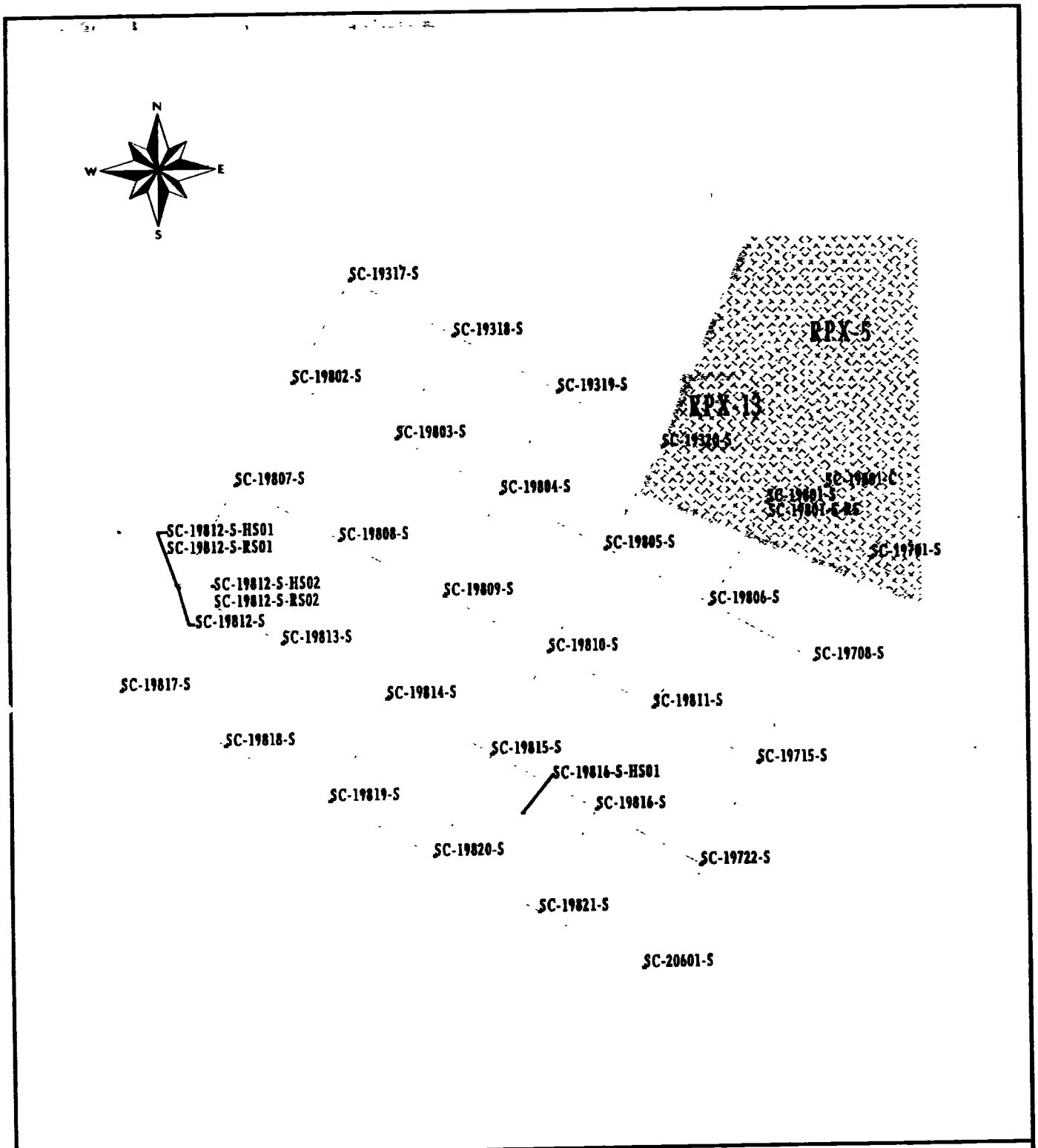
ORISE ACTION - *ORISE identified three areas with elevated survey readings; one approx 5 ft. northwest of SC-19812-S, one approx. 35 ft. east of SC-19812-S, and one approx. 75 ft. west of SC-19816-S. The area associated with SC-19816-S was contained in a clod of dirt which, when removed, resulted in elimination of the "hotspot". The other two areas were excavated and resampled by PMC. All PMC biased sample results are below ALARA and included in summary statistics. Details are presented in Appendix E.*

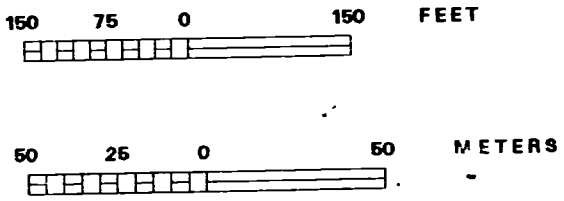
ALARA COMMITTEE ACTION - *None*

CU SUMMARY DATA

[redacted]							
As	12	3.5 - 10.6	6.83	45	75	0	0
Cr	12	14.4 - 25.8	19.75	90	110	0	0
Pb	12	8.8 - 18.2	11.79	240	450	0	0
Ra-226	19	0.62 - 1.23	0.83	5	6.2	0	0
Ra-228	23	0.35 - 1.22	0.94	5	6.2	0	0
Total Radium	19	1.03 - 2.42	1.75	5	6.2	0	0
Th-230	23	0.89 - 6.11	2.00	5	6.2	2	0
Th-232	23	0.35 - 1.2	0.97	5	6.2	0	0
U-238	34	0.95 - 3.54	1.22	30	120	0	0
PAH	13	0 - 0.11	0.05	0.44	5.6	0	0
TNT	9	0.06 - 0.15	0.08	14	140	0	0
DNT	9	0.06 - 0.15	0.08	7.4	55	0	0

NOTE: Radiological contaminants are listed in pCi/g. Chemical contaminants are listed in mg/kg.





Sample Locations in Remedial Unit RU022 Confirmation Unit CU198

Figure: 4-10

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO.:	
ORIGINATOR: MGL	DRAWN BY: LGE	DATE: 03/06/02	

Table 4 - 11 Summary of CU199

CU	199	RU	22
COC	Ra-226	X	As	X
	Ra-228	X	Cr	X
	Th-230	X	Pb	X
	Th-232	X	Tl	
	U-238	X	PAH	X
	DNT	X	PCB	
Reference Figure:	4 - 11		TNT	X

DATE RELEASED FOR UNRESTRICTED USE: 5 / 10 / 00

CLEANUP STANDARD [X] SURFACE [ ] SUBSURFACE

EACH 100m² < CRITERIA? [X] YES [ ] NO

LOCATION DESCRIPTION *This CU is located in the central portion of the Temporary Storage Area work zone.*

WALKOVER SURVEY INFORMATION

BACKGROUND: *5,000 - 12,000* cpm
(shielding may have been used on a case-by-case basis)

FINAL SURVEY(S) BELOW 1.5 X BACKGROUND ? [X] YES [ ] NO

DATE(S) SCANNED: *7/17/99 7/20/99 3/31/00 4/3/00 5/1/00*

CONFIRMATION SAMPLING INFORMATION

TOTAL # OF SAMPLE LOCATIONS : *32*

AVERAGES < ALARA? [X] YES [ ] NO

HOTSPOTS REMAINING? [ ] YES [X] NO

TOTAL # OF UTILITY SAMPLES : *0*

ADDITIONAL EXCAVATION REQUIRED? [ ] YES [X] NO

GENERAL COMMENTS - *Planned confirmation grid points represent TSAX-3 All final results are below criteria*

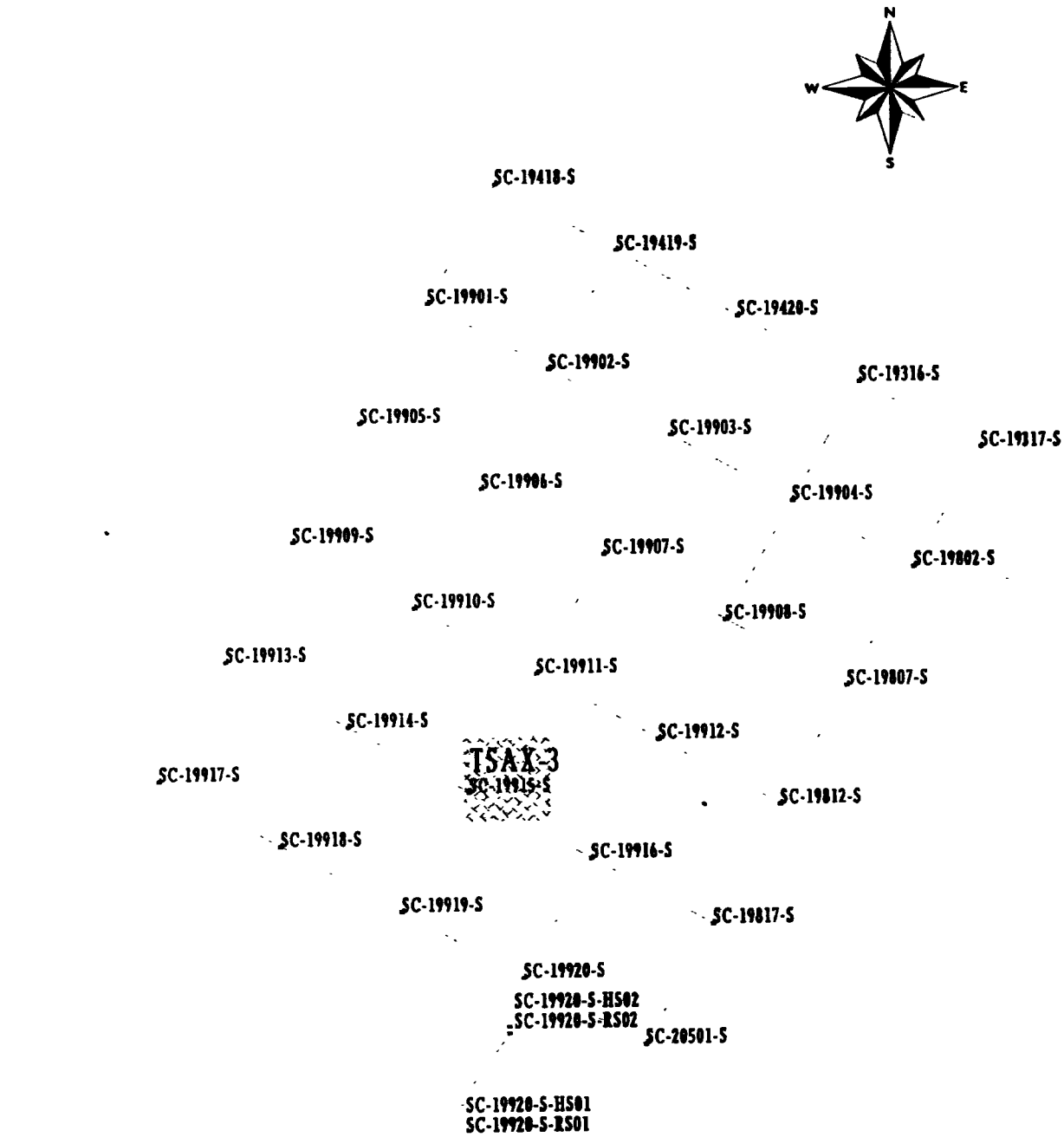
ORISE ACTION - *ORISE identified two areas with elevated survey readings; one at approx 60 ft. southwest of SC-19920-S and one at approx. 62 ft. southwest of SC-19920-S. The locations were beneath a pipe associated with the TSA impoundment basin which was to be removed as contaminated Upon its removal, the soil remaining beneath the pipe was resampled by PMC All PMC biased sample results are below ALARA and included in summary statistics Details are presented in Appendix E.*

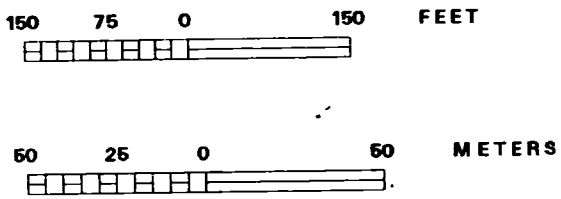
ALARA COMMITTEE ACTION - *None*

CU SUMMARY DATA

[redacted]							
As	29	2.7 - 10.9	6.04	45	75	0	0
Cr	29	13.3 - 29	20.22	90	110	0	0
Pb	29	8 - 30.5	11.86	240	450	0	0
Ra-226	31	0.34 - 1.08	0.78	5	6.2	0	0
Ra-228	31	0.32 - 1.39	0.88	5	6.2	0	0
Total Radium	31	0.81 - 2.34	1.65	5	6.2	0	0
Th-230	31	0.8 - 5.1	1.8	5	6.2	1	0
Th-232	31	0.33 - 1.4	0.9	5	6.2	0	0
U-238	32	1.06 - 3.2	1.37	30	120	0	0
PAH	29	0 - 0.11	0.02	0.44	5.6	0	0
TNT	25	0.13 - 0.17	0.06	14	140	0	0
DNT	25	0.13 - 0.17	0.06	7.4	55	0	0

NOTE Radiological contaminants are listed in pCi/g. Chemical contaminants are listed in mg/kg





Sample Locations in Remedial Unit RU022 Confirmation Unit CU199

Figure: 4-11

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO.:	
ORIGINATOR: MGL	DRAWN BY: LGE	DATE: 03/07/02	

Table 4 - 12 Summary of CU200

CU: 200 RU: 22

COC				
	Ra-226	X	As	X
	Ra-228	X	Cr	X
	Th-230	X	Pb	X
	Th-232	X	Tl	
	U-238	X	PAH	X
	DNT	X	PCB	
Reference Figure:	4 - 12		TNT	X

DATE RELEASED FOR UNRESTRICTED USE: 9 / 10 / 99

CLEANUP STANDARD [X] SURFACE [ ] SUBSURFACE

EACH 100m² < CRITERIA? [X] YES [ ] NO

LOCATION DESCRIPTION *This CU is located in the northern central portion of the Temporary Storage Area work zone.*

WALKOVER SURVEY INFORMATION

BACKGROUND: *12,000* cpm
(shielding may have been used on a case-by-case basis)

FINAL SURVEY(S) BELOW 1.5 X BACKGROUND ? [X] YES [ ] NO

DATE(S) SCANNED: *7/21/99 8/2/99*

CONFIRMATION SAMPLING INFORMATION

TOTAL # OF SAMPLE LOCATIONS : *31*

AVERAGES < ALARA? [X] YES [ ] NO

HOTSPOTS REMAINING? [ ] YES [X] NO

TOTAL # OF UTILITY SAMPLES . *0*

ADDITIONAL EXCAVATION REQUIRED? [X] YES [ ] NO

GENERAL COMMENTS - *Three Th-230 hotspots were identified at SC-19518-S, SC-20001-S, and SC-20012-S Area were further excavated and resampled. All final results are below criteria.*

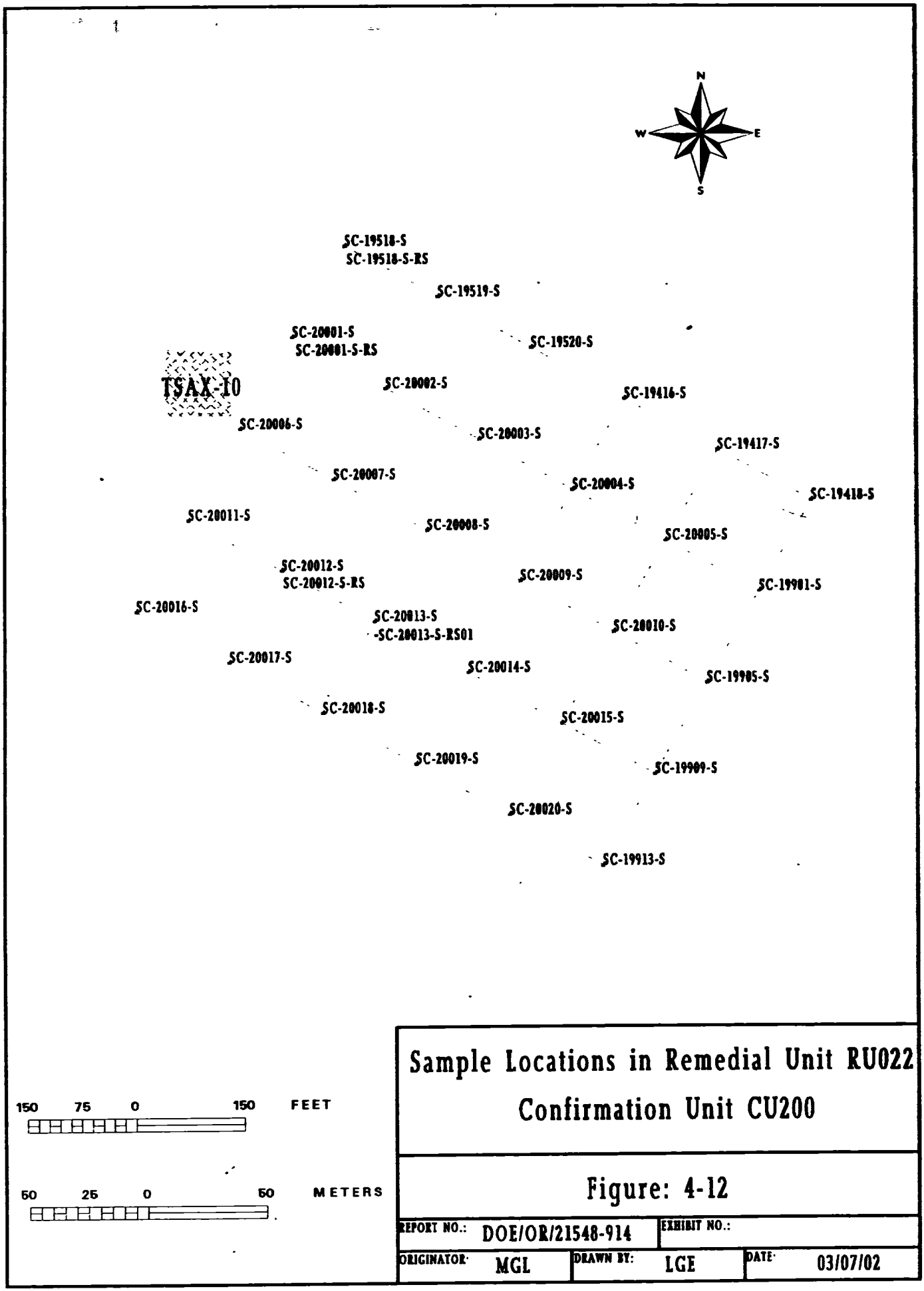
ORISE ACTION - *Two unbiased samples were collected by ORISE, one at approx. 10 ft. northwest of SC-20013-S and one at approx. 5 ft south of SC-20015-S. The Th-230 results for the sample associated with SC-20013-S exceeded criteria, although the 100m² average remains below criteria. Additionally, ORISE identified one area with an elevated survey reading at approx 5 ft. south of SC-20013-S. The area associated with the elevated reading was excavated and resampled by PMC. All final PMC sample results are below ALARA and are included in summary statistics. Details are presented in Appendix E.*

ALARA COMMITTEE ACTION - *None*

CU SUMMARY DATA

[redacted]							
As	30	5.6 - 13	8.36	45	75	0	0
Cr	30	10.6 - 27.1	19.5	90	110	0	0
Pb	30	8.4 - 20.7	14.16	240	450	0	0
Ra-226	30	0.78 - 1.56	0.94	5	6.2	0	0
Ra-228	30	0.41 - 1.41	0.86	5	6.2	0	0
Total Radium	30	1.19 - 2.97	1.81	5	6.2	0	0
Th-230	31	0.74 - 6.17	2.3	5	6.2	2	0
Th-232	30	0.42 - 1.4	0.88	5	6.2	0	0
U-238	30	0.93 - 2.08	1.34	30	120	0	0
PAH	30	0 - 0.06	0.002	0.44	5.6	0	0
TNT	24	0.01 - 0.02	0.01	14	140	0	0
DNT	24	0.01 - 0.02	0.01	7.4	55	0	0

NOTE: Radiological contaminants are listed in pCi/g. Chemical contaminants are listed in mg/kg



Sample Locations in Remedial Unit RU022 Confirmation Unit CU200

Figure: 4-12

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO.:	
ORIGINATOR: MGL	DRAWN BY: LGE	DATE: 03/07/02	

Table 4 - 13 Summary of CU201

CU	201	RU	22
COC	Ra-226	X	As	X
	Ra-228	X	Cr	
	Th-230	X	Pb	
	Th-232	X	Tl	
	U-238	X	PAH	
			PCB	X
Reference Figure:	4 - 13		TNT	

DATE RELEASED FOR UNRESTRICTED USE: 11 / 15 / 99

CLEANUP STANDARD [X] SURFACE [ ] SUBSURFACE

EACH 100m² < CRITERIA? [X] YES [ ] NO

LOCATION DESCRIPTION *This CU is located in the northwest portion of the Temporary Storage Area work zone.*

WALKOVER SURVEY INFORMATION

BACKGROUND: *8,000 - 12,000* cpm
(shielding may have been used on a case-by-case basis)

FINAL SURVEY(S) BELOW 1.5 X BACKGROUND ? [X] YES [ ] NO

DATE(S) SCANNED: *6/24/99 7/12/99 10/25/99*

(Walkover survey information for SC-19615-S was not located.)

CONFIRMATION SAMPLING INFORMATION

TOTAL # OF SAMPLE LOCATIONS : 28

AVERAGES < ALARA? [X] YES [ ] NO

HOTSPOTS REMAINING? [ ] YES [X] NO

TOTAL # OF UTILITY SAMPLES : 0

ADDITIONAL EXCAVATION REQUIRED? [X] YES [ ] NO

GENERAL COMMENTS - *One Th-230 hotspot was identified at SC-20116-S. Area was further excavated and resampled. All final results are below ALARA*

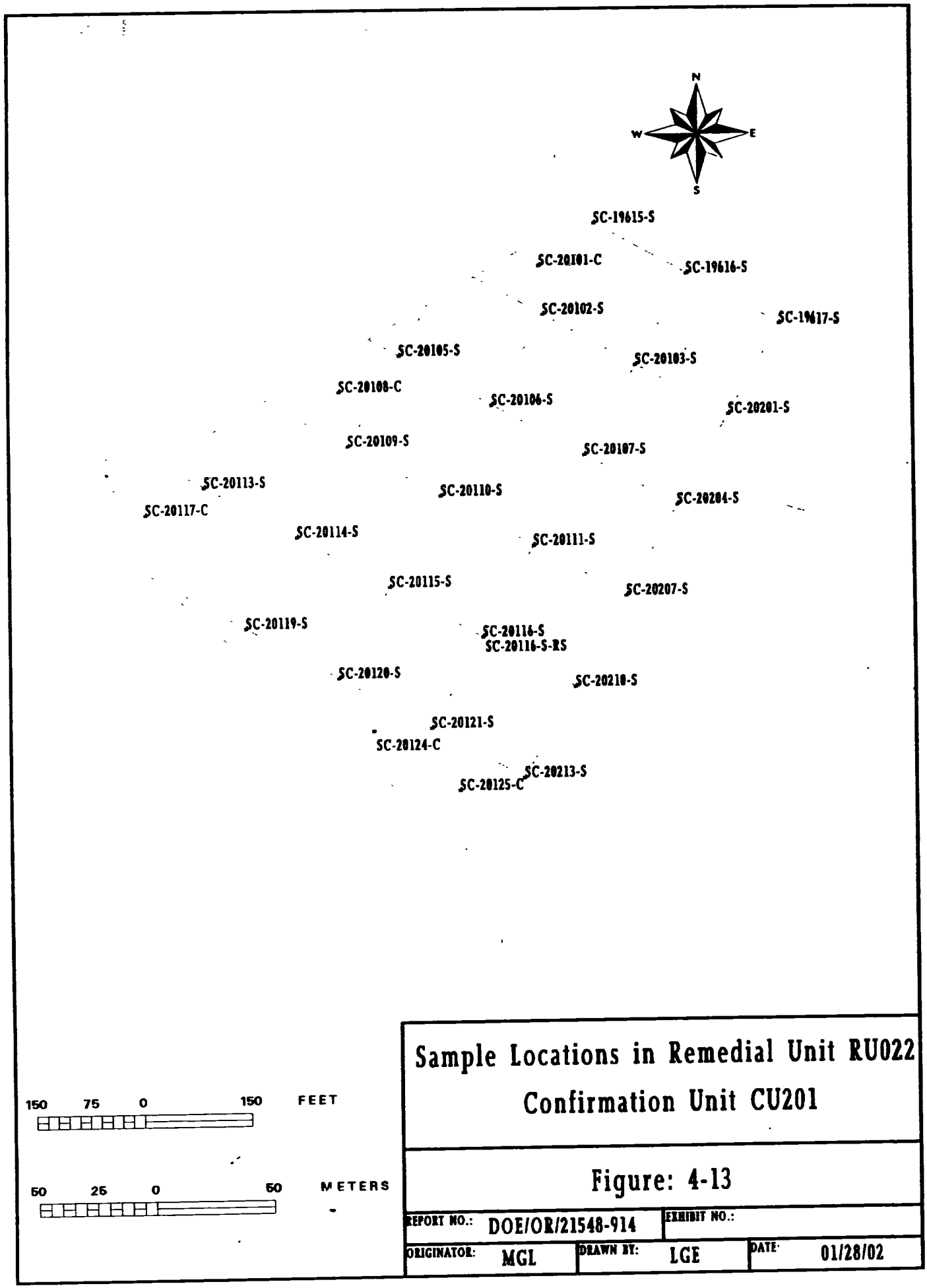
ORISE ACTION - *None*

ALARA COMMITTEE ACTION - *None*

CU SUMMARY DATA

As	25	6.2 - 11.6	8.70	45	75	0	0
Ra-226	25	0.29 - 0.91	0.72	5	6.2	0	0
Ra-228	25	0.4 - 1.28	0.83	5	6.2	0	0
Total Radium	25	0.78 - 2.03	1.55	5	6.2	0	0
Th-230	25	1.1 - 3.62	2.01	5	6.2	0	0
Th-232	25	0.41 - 1.3	0.85	5	6.2	0	0
U-238	28	1.14 - 4.07	1.44	30	120	0	0
PCB	25	0 - 0.13	0.01	0.65	8	0	0

NOTE: Radiological contaminants are listed in pCi/g. Chemical contaminants are listed in mg/kg.



Sample Locations in Remedial Unit RU022
Confirmation Unit CU201

Figure: 4-13

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO.:	
ORIGINATOR: MGL	DRAWN BY: LGE	DATE: 01/28/02	

Table 4 - 14 Summary of CU202

CU	202	RU	22
COC	Ra-226	X	As	X
	Ra-228	X	Cr	X
	Th-230	X	Pb	X
	Th-232	X	Tl	
	U-238	X	PAH	X
			PCB	X
Reference Figure:	4 - 14		TNT	

DATE RELEASED FOR UNRESTRICTED USE: 11 / 15 / 99

CLEANUP STANDARD [X] SURFACE [ ] SUBSURFACE

EACH 100m² < CRITERIA? [X] YES [ ] NO

LOCATION DESCRIPTION *This CU is located in the northwest portion of the Temporary Storage Area work zone.*

WALKOVER SURVEY INFORMATION

BACKGROUND: *8,000 - 12,000* cpm
(shielding may have been used on a case-by-case basis)

FINAL SURVEY(S) BELOW 1.5 X BACKGROUND ? [X] YES [ ] NO

DATE(S) SCANNED: *6/24/99 7/12/99 8/2/99 10/25/99*

CONFIRMATION SAMPLING INFORMATION

TOTAL # OF SAMPLE LOCATIONS: 29

AVERAGES < ALARA? [X] YES [ ] NO

HOTSPOTS REMAINING? [ ] YES [X] NO

TOTAL # OF UTILITY SAMPLES: 0

ADDITIONAL EXCAVATION REQUIRED? [X] YES [ ] NO

GENERAL COMMENTS - *One Th-230 hotspot was identified at SC-20209-S Area was further excavated and resampled All final results are below ALARA.*

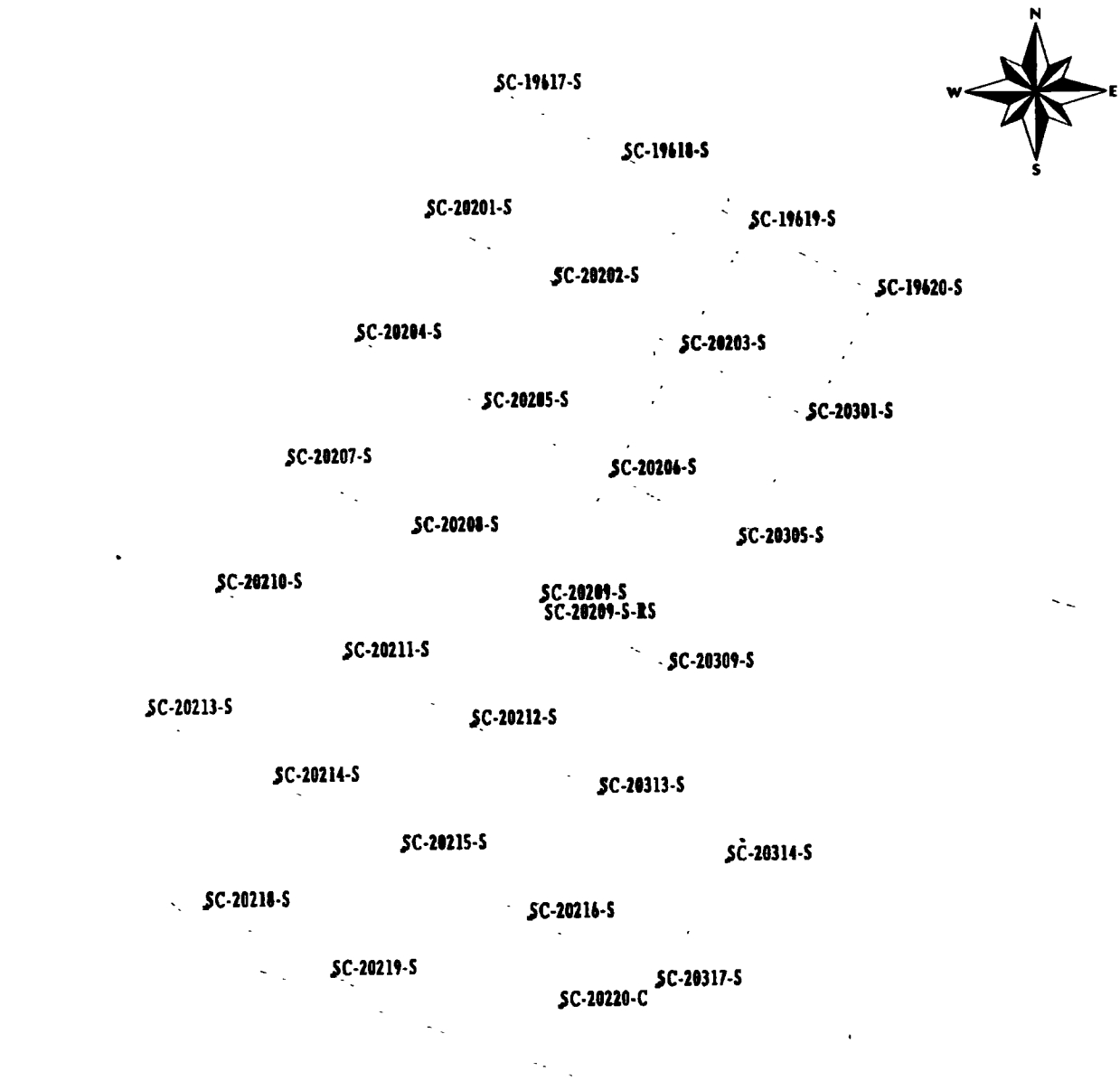
ORISE ACTION - *None*

ALARA COMMITTEE ACTION - *None*

CU SUMMARY DATA

As	25	7.1 - 13.6	9.5	45	75	0	0
Cr	5	13.6 - 26.4	18.8	90	110	0	0
Pb	5	18.1 - 86.7	33.44	240	450	0	0
Ra-226	27	0.32 - 0.99	0.75	5	6.2	0	0
Ra-228	27	0.35 - 1.31	0.79	5	6.2	0	0
Total Radium	27	0.63 - 1.98	1.49	5	6.2	0	0
Th-230	27	1.16 - 4.71	2.23	5	6.2	0	0
Th-232	27	0.32 - 1.0	0.76	5	6.2	0	0
U-238	29	1.19 - 2.01	1.35	30	120	0	0
PAH	5	0 - 0.08	0.02	0.44	5.6	0	0
PCB	20	0 - 0.13	0.01	0.65	8	0	0

NOTE. Radiological contaminants are listed in pCi/g. Chemical contaminants are listed in mg/kg.



150 75 0 150 FEET

50 25 0 50 METERS

Sample Locations in Remedial Unit RU022 Confirmation Unit CU202

Figure: 4-14

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO.:	
ORIGINATOR: MGL	DRAWN BY: LGE	DATE: 02/05/02	

Table 4 - 15 Summary of CU203

CU	203	RU	22
COC	Ra-226	X	As	X
	Ra-228	X	Cr	X
	Th-230	X	Pb	X
	Th-232	X	Tl	
	U-238	X	PAH	X
	DNT	X	PCB	X
Reference Figure:	4 - 15		TNT	X

DATE RELEASED FOR UNRESTRICTED USE: 4 / 13 / 00

CLEANUP STANDARD [X] SURFACE [ ] SUBSURFACE

EACH 100m² < CRITERIA? [X] YES [ ] NO

LOCATION DESCRIPTION *This CU is located in the northwest portion of the Temporary Storage Area work zone.*

WALKOVER SURVEY INFORMATION

BACKGROUND: *8,000 - 12,000* cpm
(shielding may have been used on a case-by-case basis)

FINAL SURVEY(S) BELOW 1.5 X BACKGROUND ? [X] YES [ ] NO

DATE(S) SCANNED: *6/24/99 7/12/99 7/21/99 8/2/99 8/25/99 4/3/00*

CONFIRMATION SAMPLING INFORMATION

TOTAL # OF SAMPLE LOCATIONS : *30*

AVERAGES < ALARA? [X] YES [ ] NO

HOTSPOTS REMAINING? [ ] YES [X] NO

TOTAL # OF UTILITY SAMPLES : *0*

ADDITIONAL EXCAVATION REQUIRED? [X] YES [ ] NO

GENERAL COMMENTS - *Planned confirmation grid points represent TSAX-10 Two Th-230 hotspots were identified at SC-19518-S and SC-20307-S. Areas were further excavated and resampled. All final results are below criteria*

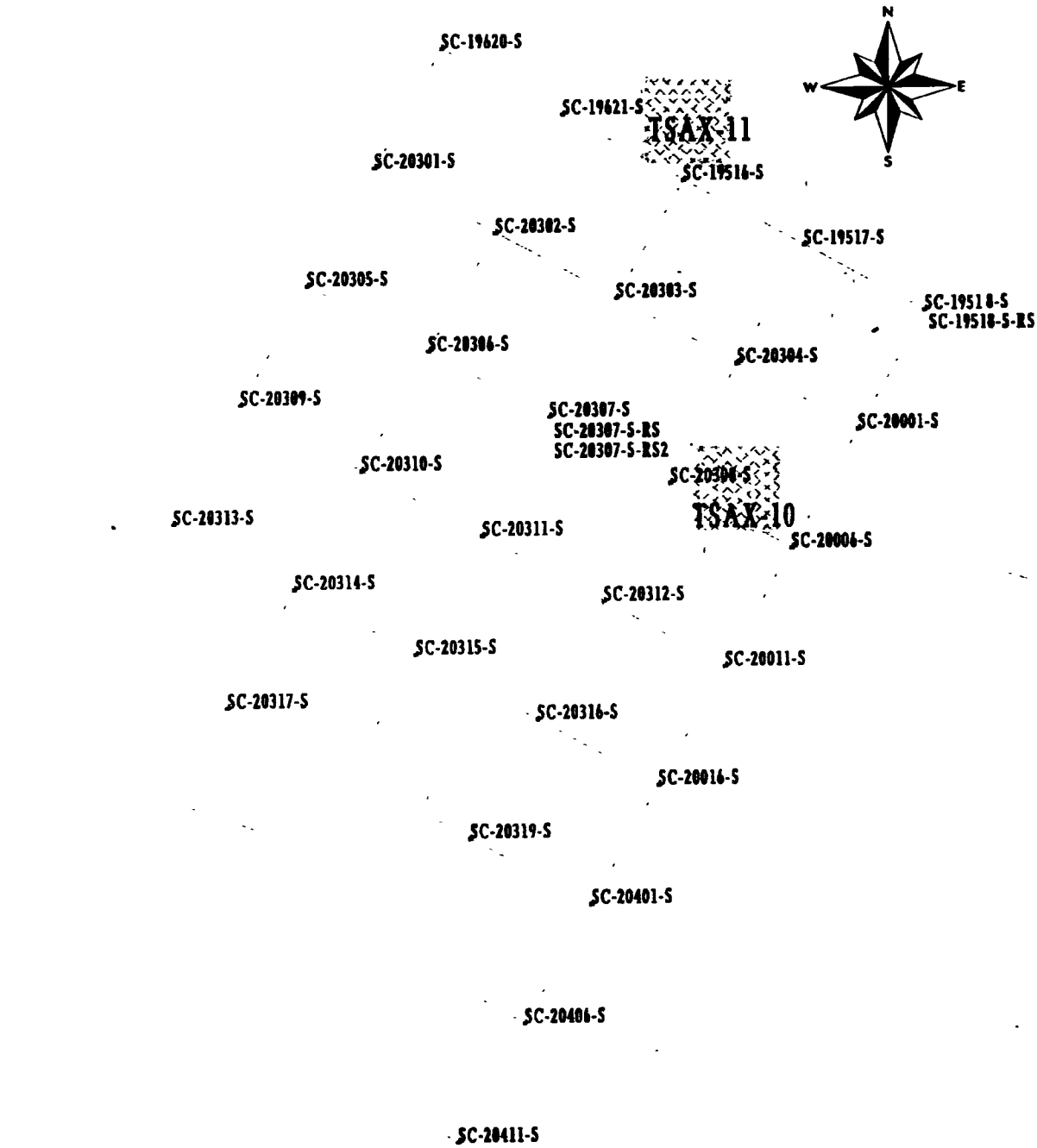
ORISE ACTION - *None*

ALARA COMMITTEE ACTION - *None*

CU SUMMARY DATA

As	28	4.4 - 13.6	9.12	45	75	0	0
Cr	22	12.9 - 26.4	18.50	90	110	0	0
Pb	22	10.3 - 86.7	18.47	240	450	0	0
Ra-226	28	0.28 - 1.07	0.77	5	6.2	0	0
Ra-228	28	0.41 - 1.21	0.80	5	6.2	0	0
Total Radium	28	0.73 - 2.13	1.57	5	6.2	0	0
Th-230	29	1.24 - 5.83	2.59	5	6.2	1	0
Th-232	28	0.42 - 1.2	0.82	5	6.2	0	0
U-238	30	1.14 - 1.59	1.32	30	120	0	0
PAH	22	0 - 0.12	0.02	0.44	5.6	0	0
PCB	6	results < detection limit	N/A	0.65	8	0	0
TNT	6	0.01 - 0.02	0.01	14	140	0	0
DNT	6	0.01 - 0.02	0.01	7.4	55	0	0

NOTE: Radiological contaminants are listed in pCi/g Chemical contaminants are listed in mg/kg.



150 75 0 150 FEET

50 25 0 50 METERS

Sample Locations in Remedial Unit RU022 Confirmation Unit CU203

Figure: 4-15

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO :	
ORIGINATOR: MGL	DRAWN BY: LGE	DATE: 03/07/02	

Table 4 - 16 Summary of CU204

CU	204	RU	22
COC	Ra-226	X	As	X
	Ra-228	X	Cr	X
	Th-230	X	Pb	X
	Th-232	X	Se	X
	U-238	X	PAH	X
	DNT	X	PCB	X
Reference Figure:	4 - 16		TNT	X

DATE RELEASED FOR UNRESTRICTED USE: 4 / 6 / 00

CLEANUP STANDARD [X] SURFACE [ ] SUBSURFACE

EACH 100m² < CRITERIA? [X] YES [ ] NO

LOCATION DESCRIPTION *This CU is located in the western central portion of the Temporary Storage Area work zone.*

WALKOVER SURVEY INFORMATION

BACKGROUND: *5,800 - 12,000* cpm
(shielding may have been used on a case-by-case basis)

FINAL SURVEY(S) BELOW 1.5 X BACKGROUND ? [X] YES [ ] NO

DATE(S) SCANNED: *7/21/99 8/2/99 8/25/99 3/17/00 3/23/00 4/3/00*

CONFIRMATION SAMPLING INFORMATION

TOTAL # OF SAMPLE LOCATIONS . *29*

TOTAL # OF UTILITY SAMPLES . *0*

AVERAGES < ALARA? [X] YES [ ] NO

HOTSPOTS REMAINING? [ ] YES [X] NO

ADDITIONAL EXCAVATION REQUIRED? [X] YES [ ] NO

GENERAL COMMENTS - *Visible nitroaromatic contamination was identified during clean excavation of a small area north of the TSA impoundment basin The area was further excavated and the affected locations, SC-20414-S, SC-20415-S, and SC-20503-S, were resampled All final results are below criteria*

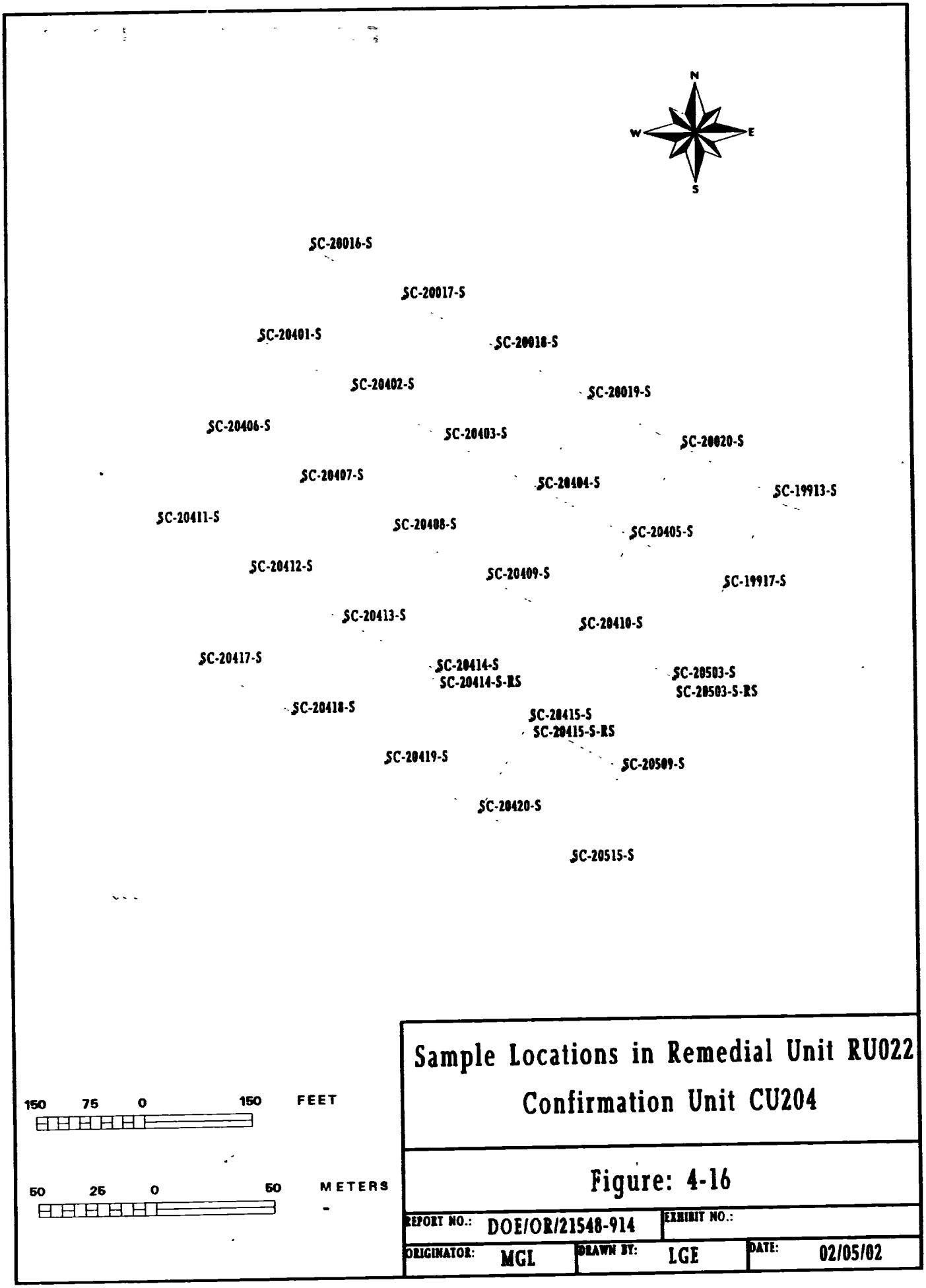
ORISE ACTION - *None*

ALARA COMMITTEE ACTION - *None*

CU SUMMARY DATA

As	26	4.4 - 10	7.19	45	75	0	0
Cr	26	6.9 - 26.2	16.98	90	110	0	0
Pb	26	5.8 - 18.2	12.43	240	450	0	0
Se	3	0.3 - 0.68	0.50	280	350	0	0
Ra-226	26	0.30 - 1.05	0.82	5	6.2	0	0
Ra-228	26	0.39 - 1.31	0.94	5	6.2	0	0
Total Radium	26	0.76 - 2.2	1.75	5	6.2	0	0
Th-230	26	0.94 - 6.17	1.79	5	6.2	1	0
Th-232	26	0.39 - 1.3	0.96	5	6.2	0	0
U-238	29	1.05 - 2.49	1.3	30	120	0	0
PAH	27	0 - 0.11	0.01	0.44	5.6	0	0
PCB	3	results < detection limit	N/A	0.65	8	0	0
TNT	27	0.01 - 0.2	0.04	14	140	0	0
DNT	27	0.01 - 0.2	0.04	7.4	55	0	0

NOTE Radiological contaminants are listed in pCi/g. Chemical contaminants are listed in mg/kg



Sample Locations in Remedial Unit RU022 Confirmation Unit CU204

Figure: 4-16

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO.:	
ORIGINATOR: MGL	DRAWN BY: LGE	DATE: 02/05/02	

Table 4 - 17 Summary of CU205

CU	205	RU	22
COC	Ra-226	X	As	X
	Ra-228	X	Cr	X
	Th-230	X	Pb	X
	Th-232	X	Se	X
	U-238	X	PAH	X
	DNT	X	PCB	X
Reference Figure:	4 - 17		TNT	X

DATE RELEASED FOR UNRESTRICTED USE: 5 / 8 / 00

CLEANUP STANDARD [X] SURFACE [ ] SUBSURFACE

EACH 100m² < CRITERIA? [X] YES [ ] NO

LOCATION DESCRIPTION *This CU is located in the central portion of the Temporary Storage Area work zone.*

WALKOVER SURVEY INFORMATION

BACKGROUND: *5,000 - 12,000* cpm
(shielding may have been used on a case-by-case basis)

FINAL SURVEY(S) BELOW 1.5 X BACKGROUND ? [X] YES [ ] NO

DATE(S) SCANNED: *7/20/99 8/2/99 3/17/00 3/23/00 3/28/00 3/31/00 4/3/00*

CONFIRMATION SAMPLING INFORMATION

TOTAL # OF SAMPLE LOCATIONS: *32*

TOTAL # OF UTILITY SAMPLES: *1*

AVERAGES < ALARA? [X] YES [ ] NO

HOTSPOTS REMAINING? [ ] YES [X] NO

ADDITIONAL EXCAVATION REQUIRED? [X] YES [ ] NO

GENERAL COMMENTS - *Two Th-230 hotspots were identified at SC-20506-S and SC-20519-S Areas were further excavated and resampled Visible nitroaromatic contamination was identified during clean excavation of a small area north of the TSA impoundment basin The area was further excavated and the affected location, SC-20503-S, was resampled One utility sample was added upon removal of a pipeline located at the northeast corner of the TSA impoundment basin All final results are below ALARA*

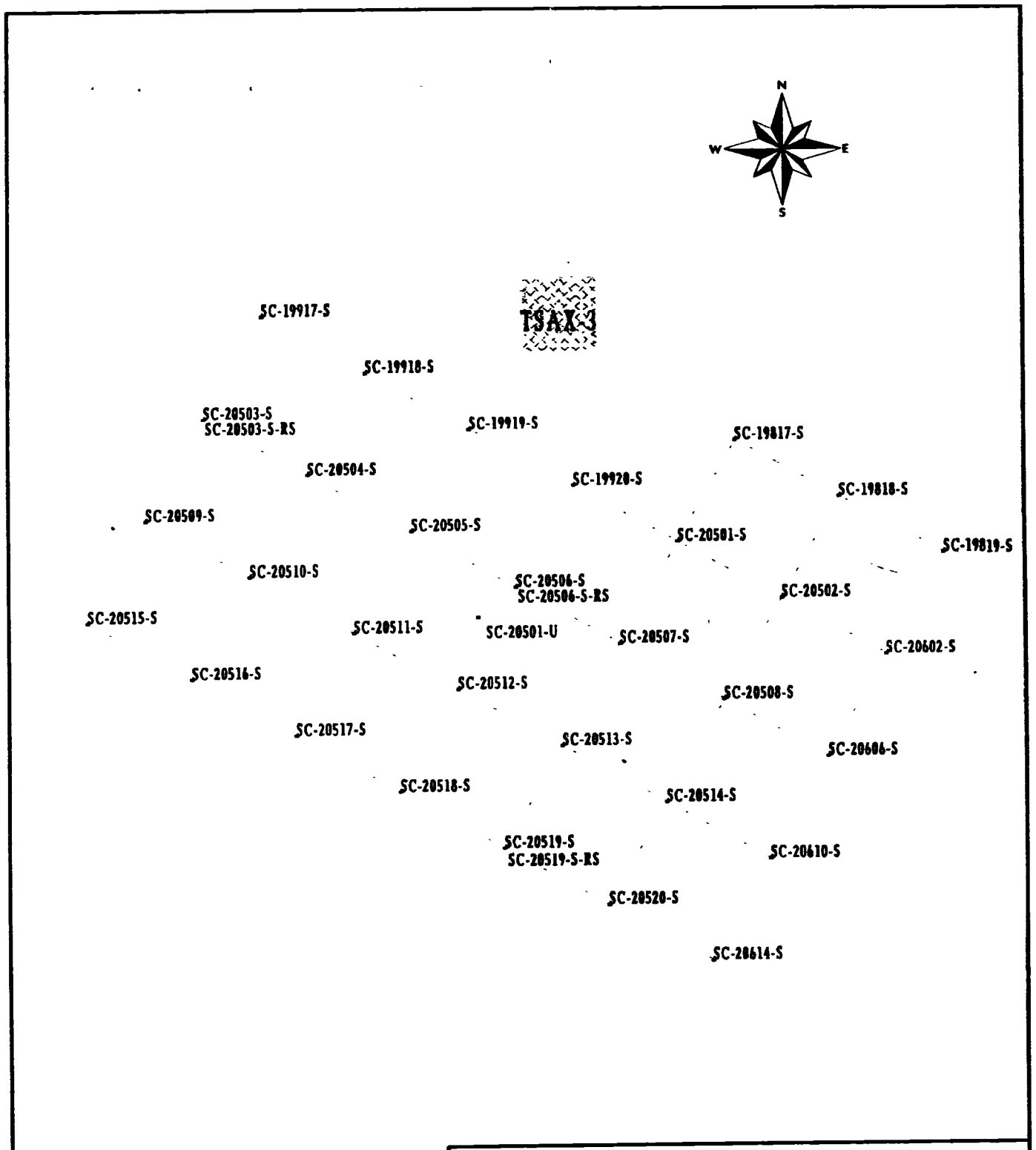
ORISE ACTION - *None*

ALARA COMMITTEE ACTION - *None*

CU SUMMARY DATA

As	19	4.4 - 11.3	7.99	45	75	0	0
Cr	19	7.4 - 23.9	16.73	90	110	0	0
Pb	19	9.4 - 30.5	14.69	240	450	0	0
Se	9	0.39 - 0.73	0.53	280	350	0	0
Ra-226	19	0.26 - 2.57	0.85	5	6.2	0	0
Ra-228	19	0.38 - 1.93	0.96	5	6.2	0	0
Total Radium	19	0.65 - 4.5	1.81	5	6.2	0	0
Th-230	19	0.8 - 2.98	1.26	5	6.2	0	0
Th-232	19	0.38 - 1.9	0.99	5	6.2	0	0
U-238	32	0.99 - 2.49	1.19	30	120	0	0
PAH	19	0 - 0.22	0.04	0.44	5.6	0	0
PCB	9	results < detection limit	N/A	0.65	8	0	0
TNT	31	0.01 - 0.17	0.13	14	140	0	0
DNT	31	0.01 - 0.17	0.13	7.4	55	0	0

NOTE: Radiological contaminants are listed in pCi/g. Chemical contaminants are listed in mg/kg



150 75 0 150 FEET

50 25 0 50 METERS

Sample Locations in Remedial Unit RU022 Confirmation Unit CU205

Figure: 4-17

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO.:	
ORIGINATOR: MGL	DRAWN BY: LGE	DATE: 02/05/02	

Table 4 - 18 Summary of CU206

CU	206	RU	22
COC	Ra-226		As	
	Ra-228		Cr	
	Th-230		Pb	
	Th-232		Tl	
	U-238	X	PAH	
	DNT	X	PCB	
Reference Figure:	4 - 18		TNT	X

DATE RELEASED FOR UNRESTRICTED USE: 4 / 20 / 00

CLEANUP STANDARD [X] SURFACE [ ] SUBSURFACE

EACH 100m² < CRITERIA? [X] YES [ ] NO

LOCATION DESCRIPTION *This CU is located in the central portion of the Temporary Storage Area work zone.*

WALKOVER SURVEY INFORMATION

BACKGROUND: *4,800 - 6,000* cpm
(shielding may have been used on a case-by-case basis)

FINAL SURVEY(S) BELOW 1.5 X BACKGROUND ? [X] YES [ ] NO

DATE(S) SCANNED: *3/28/00 3/31/00 4/3/00 4/6/00*

CONFIRMATION SAMPLING INFORMATION

TOTAL # OF SAMPLE LOCATIONS: 32

TOTAL # OF UTILITY SAMPLES: 0

AVERAGES < ALARA? [X] YES [ ] NO

HOTSPOTS REMAINING? [ ] YES [X] NO

ADDITIONAL EXCAVATION REQUIRED? [ ] YES [X] NO

GENERAL COMMENTS - *All final results are below ALARA*

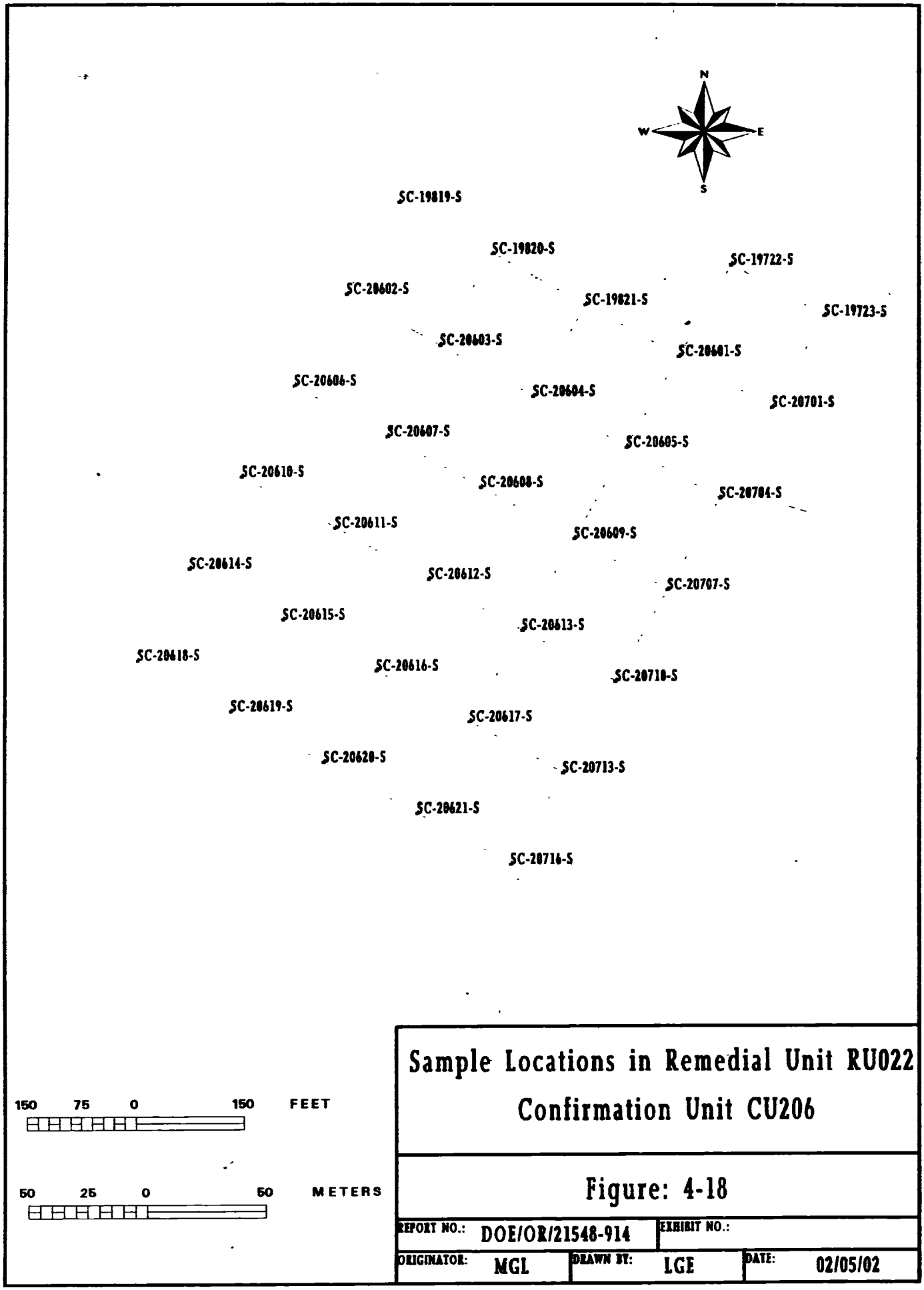
ORISE ACTION - *None*

ALARA COMMITTEE ACTION - *None*

CU SUMMARY DATA

U-238	32	1.01 - 1.18	1.1	30	120	0	0
TNT	23	0.06 - 0.16	0.10	14	140	0	0
DNT	23	0.06 - 0.16	0.10	7.4	55	0	0

NOTE Radiological contaminants are listed in pCi/g. Chemical contaminants are listed in mg/kg



Sample Locations in Remedial Unit RU022 Confirmation Unit CU206

Figure: 4-18

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO.:	
ORIGINATOR: MGL	DRAWN BY: LGE	DATE: 02/05/02	

Table 4 - 19 Summary of CU207

CU	207	RU	22
COC	Ra-226	X	As	X
	Ra-228	X	Cr	X
	Th-230	X	Pb	X
	Th-232	X	Tl	X
	U-238	X	PAH	X
	DNT	X	PCB	X
Reference Figure:	4 - 19		TNT	X

DATE RELEASED FOR UNRESTRICTED USE: 5 / 8 / 00

CLEANUP STANDARD [X] SURFACE [ ] SUBSURFACE

EACH 100m² < CRITERIA? [X] YES [ ] NO

LOCATION DESCRIPTION *This CU is located in the eastern portion of the Temporary Storage Area work zone.*

WALKOVER SURVEY INFORMATION

BACKGROUND: *4,000 - 6,000* cpm
(shielding may have been used on a case-by-case basis)

FINAL SURVEY(S) BELOW 1.5 X BACKGROUND ? [X] YES [ ] NO

DATE(S) SCANNED: *4/1/99 3/1/00 3/28/00 4/6/00 4/13/00*

CONFIRMATION SAMPLING INFORMATION

TOTAL # OF SAMPLE LOCATIONS: *30*

AVERAGES < ALARA? [X] YES [ ] NO

HOTSPOTS REMAINING? [ ] YES [X] NO

TOTAL # OF UTILITY SAMPLES: *0*

ADDITIONAL EXCAVATION REQUIRED? [X] YES [ ] NO

GENERAL COMMENTS - *Planned confirmation gnd points represent TSAX-5 and TSAX-8 SC-20801-S was erronneously staked and sampled twice The data from each sampling event is comparable and only the resample data will be used in summary statistics All final results are below ALARA*

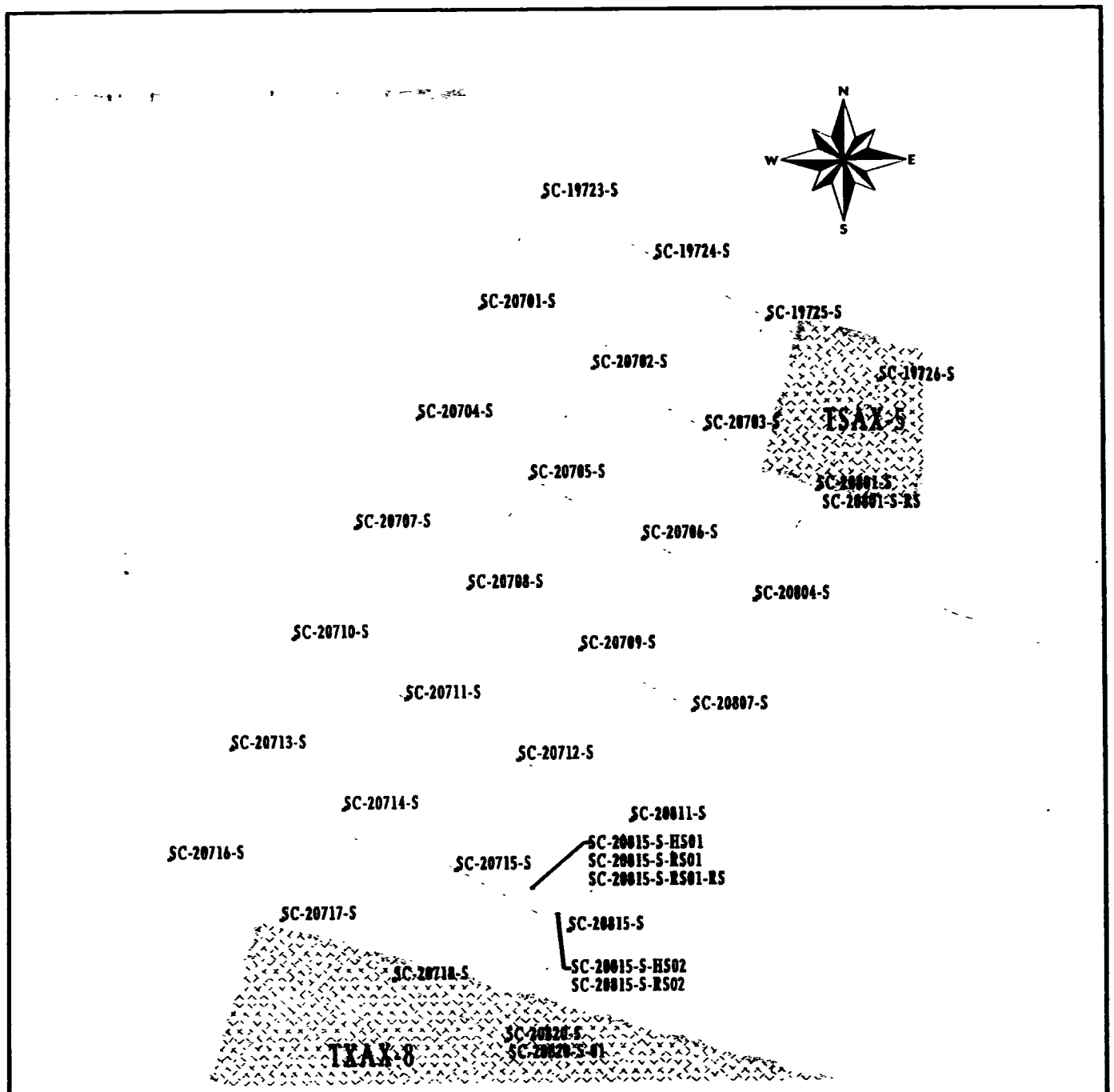
ORISE ACTION - *ORISE identified two areas with elevated survey readings and collected a sample at each, one at approx 20 ft northwest of SC-20815-S and one at approx 60 ft northwest of SC-20815-S Areas were excavated and resampled by PMC All final PMC biased sample results are below ALARA and included in summary statistics Details are presented in Appendix E*

ALARA COMMITTEE ACTION - *None*

CU SUMMARY DATA

[redacted]							
As	5	4.1 - 7.1	5.18	45	75	0	0
Cr	3	14.4 - 19.6	16.43	90	110	0	0
Pb	3	7.4 - 9.1	8.27	240	450	0	0
Tl	3	0.39 - 0.96	0.59	16	20	0	0
Ra-226	5	0.73 - 1.05	0.84	5	6.2	0	0
Ra-228	5	0.4 - 1.74	1.06	5	6.2	0	0
Total Radium	5	1.24 - 2.79	1.90	5	6.2	0	0
Th-230	5	0.73 - 4.91	1.73	5	6.2	0	0
Th-232	5	0.41 - 1.7	1.09	5	6.2	0	0
U-238	31	1.01 - 9.25	1.43	30	120	0	0
PAH	3	0.10 - 0.11	0.11	0.44	5.6	0	0
PCB	8	results < detection limit	N/A	0.65	8	0	0
TNT	5	0.06 - 0.15	0.08	14	140	0	0
DNT	5	0.06 - 0.15	0.08	7.4	55	0	0

NOTE Radiological contaminants are listed in pCi/g Chemical contaminants are listed in mg/kg



150 75 0 150 FEET

50 25 0 50 METERS

Sample Locations in Remedial Unit RU022
Confirmation Unit CU207

Figure: 4-19

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO.:	
ORIGINATOR: MGL	DRAWN BY: LGE	DATE: 02/05/02	

Table 4 - 20 Summary of CU208

CU 208 RU 22

COC				
	Ra-226	X	As	X
	Ra-228	X	Cr	
	Th-230	X	Pb	
	Th-232	X	Tl	
	U-238	X	PAH	
			PCB	X
			TNT	

Reference Figure: 4 - 20

DATE RELEASED FOR UNRESTRICTED USE: 5 / 8 / 00

CLEANUP STANDARD [X] SURFACE [ ] SUBSURFACE

EACH 100m² < CRITERIA? [X] YES [ ] NO

LOCATION DESCRIPTION *This CU is located in the eastern portion of the Temporary Storage Area work zone.*

WALKOVER SURVEY INFORMATION

BACKGROUND: *4,000 - 6,000* cpm
(shielding may have been used on a case-by-case basis)

FINAL SURVEY(S) BELOW 1.5 X BACKGROUND ? [X] YES [ ] NO

DATE(S) SCANNED: *3/1/00 3/13/00 4/13/00 4/19/00 4/20/00 4/23/00*

CONFIRMATION SAMPLING INFORMATION

TOTAL # OF SAMPLE LOCATIONS: 29

TOTAL # OF UTILITY SAMPLES: 0

AVERAGES < ALARA? [X] YES [ ] NO

HOTSPOTS REMAINING? [ ] YES [X] NO

ADDITIONAL EXCAVATION REQUIRED? [ ] YES [X] NO

GENERAL COMMENTS - *Planned confirmation grid points represent TSAX-5 and TSAX-8 SC-20820-S, SC-20821-S, and SC-20822-S were prematurely staked on a berm that was to be removed as contaminated Since the area was not ready for confirmation sampling, the locations were resampled upon removal of the berm SC-20801-S and SC-20816-S were erroneously staked and sampled twice The data from each sampling event is comparable and only the resample data will be used in summary statistics All final results are below criteria*

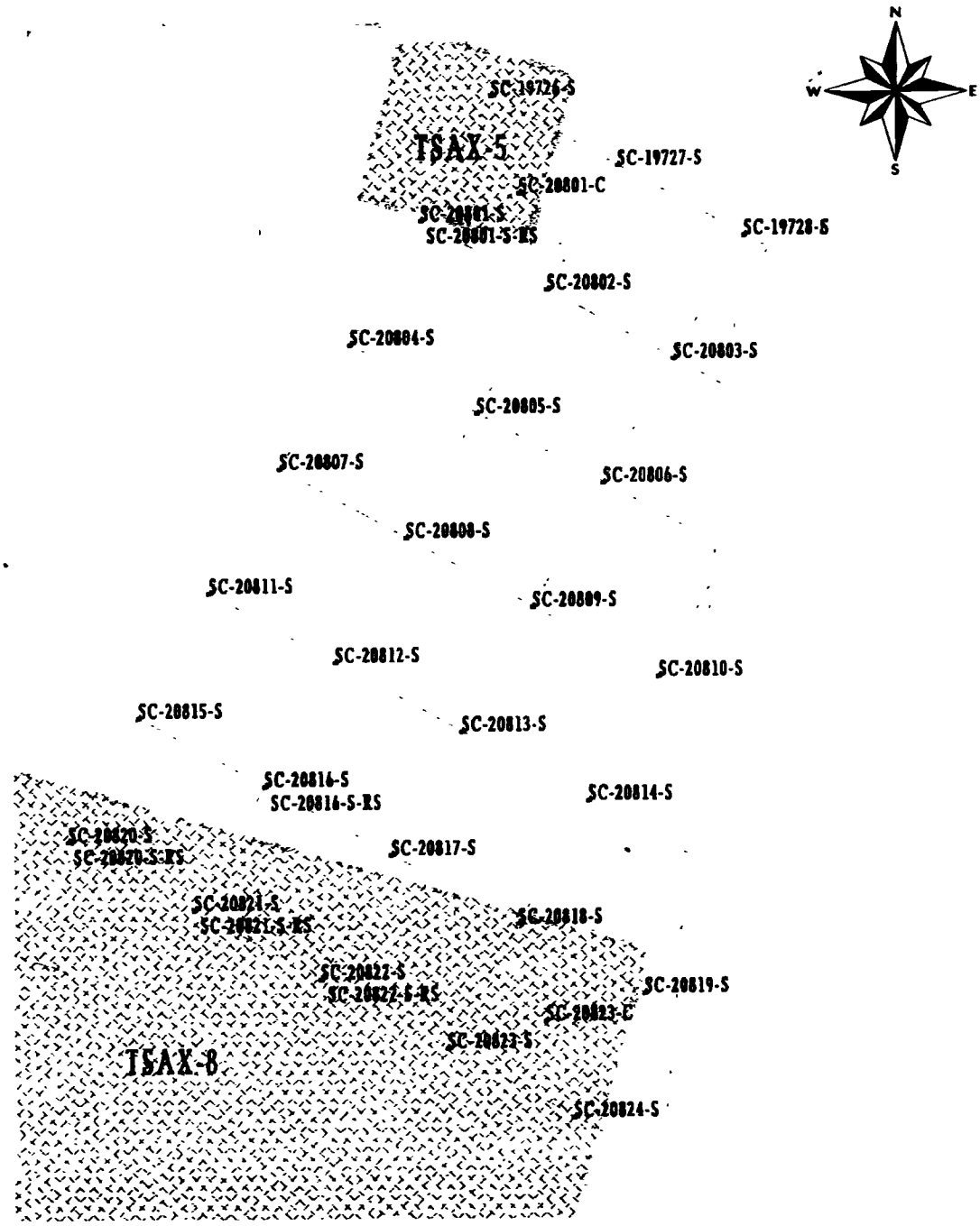
ORISE ACTION - *None*

ALARA COMMITTEE ACTION - *None*

CU SUMMARY DATA

[redacted]							
As	13	3.2 - 13.8	6.95	45	75	0	0
Ra-226	2	0.73 - 1.05	0.89	5	6.2	0	0
Ra-228	2	1.26 - 1.74	1.5	5	6.2	0	0
Total Radium	2	1.99 - 2.79	2.39	5	6.2	0	0
Th-230	2	0.73 - 4.91	2.82	5	6.2	0	0
Th-232	2	1.29 - 1.7	1.54	5	6.2	0	0
U-238	29	1.02 - 9.25	1.5	30	120	0	0
PCB	16	0 - 1.14	0.09	0.65	8	1	0

NOTE: Radiological contaminants are listed in pCi/g. Chemical contaminants are listed in mg/kg.



150 75 0 150 FEET

50 25 0 50 METERS

Sample Locations in Remedial Unit RU022
Confirmation Unit CU208

Figure: 4-20

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO :	
ORIGINATOR: MGL	DRAWN BY: LGE	DATE: 03/07/02	

Table 4 - 21 Summary of CU209

CU	209	RU	22
COC	Ra-226	X	As X
	Ra-228	X	Cr X
	Th-230	X	Pb X
	Th-232	X	Tl X
	U-238	X	PAH X
	DNT	X	PCB X
Reference Figure:	4 - 21		TNT X

DATE RELEASED FOR UNRESTRICTED USE: 5 / 1 / 00

CLEANUP STANDARD [X] SURFACE [ ] SUBSURFACE

EACH 100m² < CRITERIA? [X] YES [ ] NO

LOCATION DESCRIPTION *This CU is located in the south-eastern portion of the Temporary Storage Area work zone.*

WALKOVER SURVEY INFORMATION

BACKGROUND: *4,500 - 10,000* cpm
(shielding may have been used on a case-by-case basis)

FINAL SURVEY(S) BELOW 1.5 X BACKGROUND ? [X] YES [ ] NO

DATE(S) SCANNED: *2/2/99 2/4/99 3/30/99 4/19/00*

CONFIRMATION SAMPLING INFORMATION

TOTAL # OF SAMPLE LOCATIONS: *28*

TOTAL # OF UTILITY SAMPLES: *0*

AVERAGES < ALARA? [X] YES [ ] NO

HOTSPOTS REMAINING? [ ] YES [X] NO

ADDITIONAL EXCAVATION REQUIRED? [ ] YES [X] NO

GENERAL COMMENTS - *Planned confirmation grid points represent TSAX-8 All final results are below ALARA*

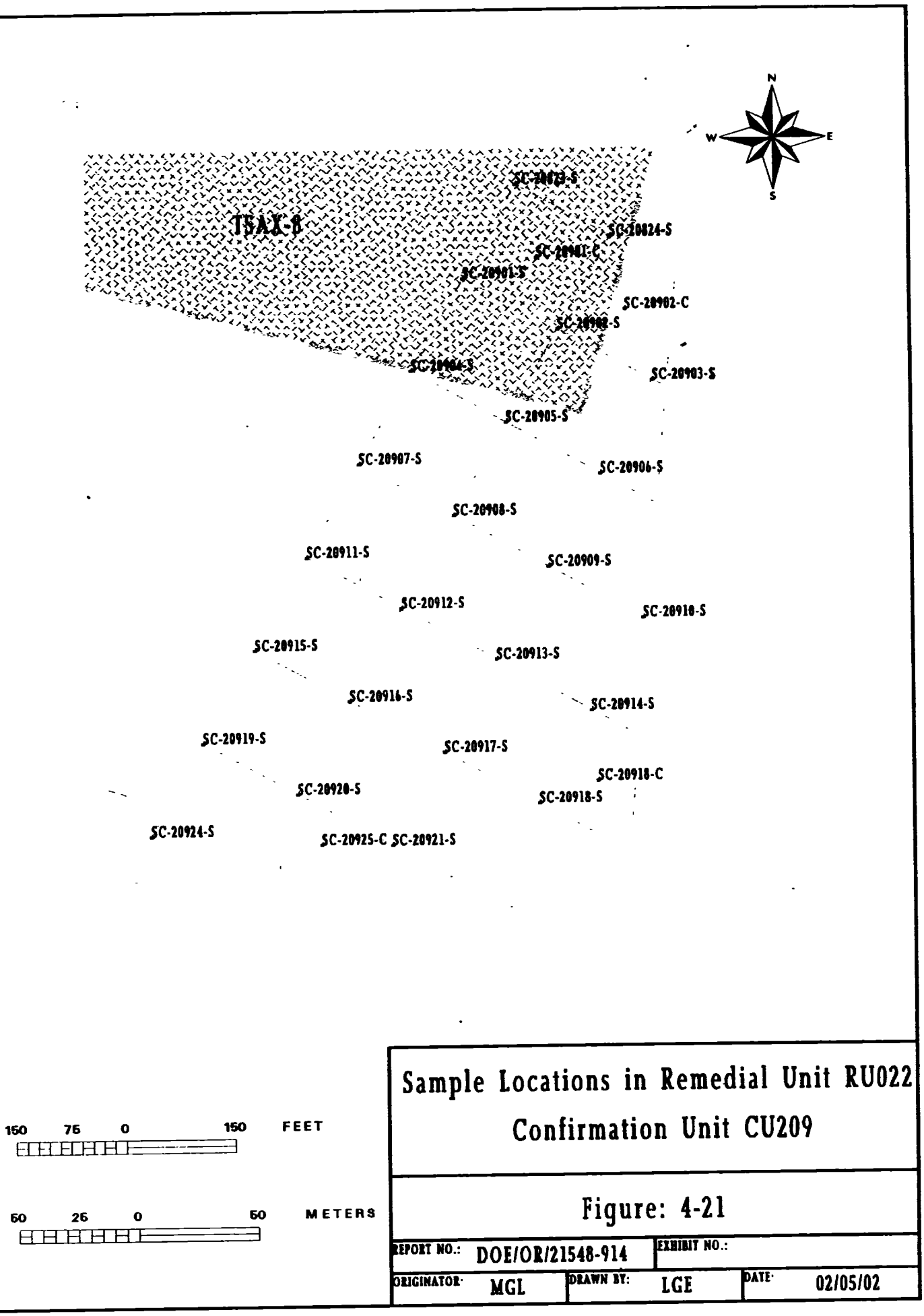
ORISE ACTION - *None*

ALARA COMMITTEE ACTION - *None*

CU SUMMARY DATA

[redacted]							
As	18	4.3 - 14.4	7.22	45	75	0	0
Cr	10	13.3 - 22.9	17.76	90	110	0	0
Pb	10	7.1 - 14.9	10.72	240	450	0	0
Tl	2	0.39 - 0.43	0.41	16	20	0	0
Ra-226	10	0.61 - 1	0.77	5	6.2	0	0
Ra-228	10	0.34 - 1.3	0.79	5	6.2	0	0
Total Radium	10	0.95 - 2.16	1.55	5	6.2	0	0
Th-230	10	0.83 - 1.34	1.01	5	6.2	0	0
Th-232	10	0.35 - 1.3	0.81	5	6.2	0	0
U-238	28	0.66 - 1.98	1.16	30	120	0	0
PAH	10	0.10 - 0.11	0.11	0.44	5.6	0	0
PCB	18	results < detection limit	N/A	0.65	8	0	0
TNT	10	0.06 - 0.07	0.06	14	140	0	0
DNT	10	0.06 - 0.07	0.06	7.4	55	0	0

NOTE Radiological contaminants are listed in pCi/g. Chemical contaminants are listed in mg/kg



Sample Locations in Remedial Unit RU022 Confirmation Unit CU209

Figure: 4-21

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO.:	
ORIGINATOR: MGL	DRAWN BY: LGE	DATE: 02/05/02	

Table 4 - 22 Summary of CU210

CU 210 RU 22

COC				
	Ra-226	X	As	X
	Ra-228	X	Cr	X
	Th-230	X	Pb	X
	Th-232	X	Tl	
	U-238	X	PAH	
	DNT	X	PCB	X
Reference Figure:	4 - 22		TNT	X

DATE RELEASED FOR UNRESTRICTED USE: 4 / 26 / 00

CLEANUP STANDARD [X] SURFACE [ ] SUBSURFACE

EACH 100m² < CRITERIA? [X] YES [ ] NO

LOCATION DESCRIPTION *This CU is located in the south-eastern portion of the Temporary Storage Area work zone.*

WALKOVER SURVEY INFORMATION

BACKGROUND: *4,500 - 10,000* cpm
(shielding may have been used on a case-by-case basis)

FINAL SURVEY(S) BELOW 1.5 X BACKGROUND ? [X] YES [ ] NO

DATE(S) SCANNED: *2/2/99 3/30/99 4/1/99 3/13/00*

CONFIRMATION SAMPLING INFORMATION

TOTAL # OF SAMPLE LOCATIONS : *30*

TOTAL # OF UTILITY SAMPLES : *0*

AVERAGES < ALARA? [X] YES [ ] NO

HOTSPOTS REMAINING? [ ] YES [X] NO

ADDITIONAL EXCAVATION REQUIRED? [X] YES [ ] NO

GENERAL COMMENTS - *Planned confirmation grid points represent TSAX-8. SC-20820-S, SC-20821-S, SC-20822-S, SC-21004-S, SC-21005-S, and SC-21010-S were prematurely staked on a berm that was to be removed as contaminated. Since the area was not ready for confirmation sampling, the locations were resampled upon removal of the berm Four Th-230 hotspots were identified at SC-21001-S, SC-21006-S, SC-21014-S, and SC-21017-S. One As hotspot was identified at SC-21012-S. Areas were further excavated and resampled. All final results are below ALARA.*

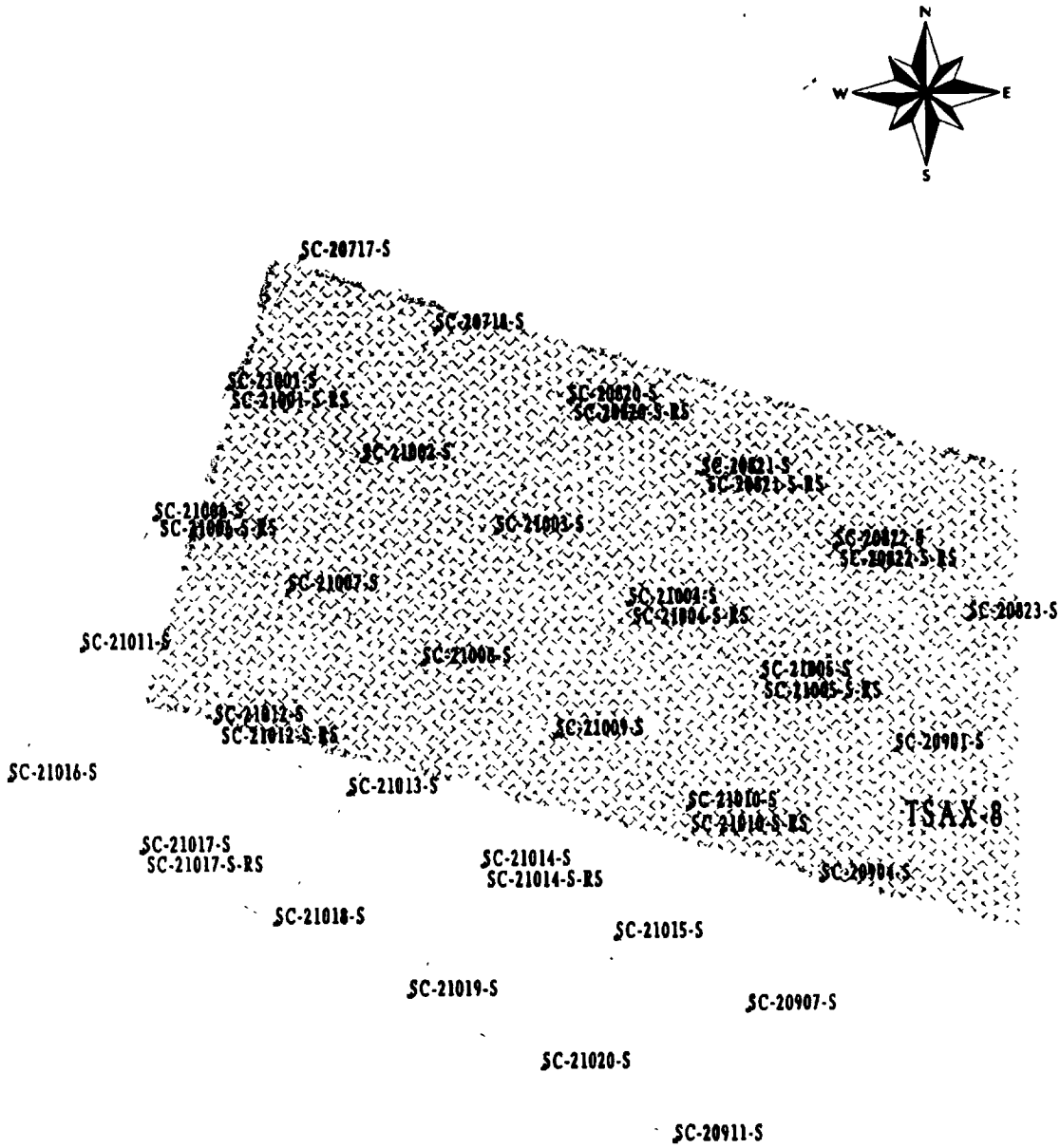
ORISE ACTION - *Four unbiased samples were collected by ORISE, one at approx. 15 ft. southeast of SC-21001-S, one at approx 15 ft. southeast of SC-21003-S, one at approx. 15 ft. southeast of SC-21012-S, and one at approx. 15 ft. south-east of SC-21014-S. All results are below ALARA.*

ALARA COMMITTEE ACTION - *A decision was made at a 4/15/99 ALARA Committee meeting to remediate all hotspots in this CU in order to meet the requirements established in the Attainment Plan for maximum allowable number of hotspots in a CU.*

CU SUMMARY DATA

As	26	2.7 - 7.8	5.83	45	75	0	0
Cr	21	10.5 - 20.8	16.91	90	110	0	0
Pb	21	7.8 - 26.7	13	240	450	0	0
Ra-226	21	0.58 - 1.89	1.31	5	6.2	0	0
Ra-228	21	0.39 - 2.01	1.02	5	6.2	0	0
Total Radium	21	1.24 - 3.9	2.15	5	6.2	0	0
Th-230	21	0.78 - 4.9	1.37	5	6.2	0	0
Th-232	21	0.40 - 2.0	1.05	5	6.2	0	0
U-238	30	0.94 - 6.31	1.61	30	120	0	0
PCB	9	results < detection limit	N/A	0.65	8	0	0
TNT	21	0.003 - 0.16	0.03	14	140	0	0
DNT	21	0.003 - 0.16	0.03	7.4	55	0	0

NOTE: Radiological contaminants are listed in pCi/g. Chemical contaminants are listed in mg/kg.



150 75 0 150 FEET

50 25 0 50 METERS

Sample Locations in Remedial Unit RU022
Confirmation Unit CU210

Figure: 4-22

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO :	
ORIGINATOR: MGL	DRAWN BY: LGE	DATE: 03/07/02	

Table 4 - 23 Summary of CU211

CU 211 RU 22

COC				
	Ra-226	X	As	X
	Ra-228	X	Cr	X
	Th-230	X	Pb	X
	Th-232	X	Tl	
	U-238	X	PAH	X
	DNT	X	PCB	X
Reference Figure:	4 - 23		TNT	X

DATE RELEASED FOR UNRESTRICTED USE: 4 / 21 / 00

CLEANUP STANDARD [X] SURFACE [ ] SUBSURFACE

EACH 100m² < CRITERIA? [X] YES [ ] NO

LOCATION DESCRIPTION *This CU is located in the south central portion of the Temporary Storage Area work zone.*

WALKOVER SURVEY INFORMATION

BACKGROUND: *4,500 - 6,000* cpm
(shielding may have been used on a case-by-case basis)

FINAL SURVEY(S) BELOW 1.5 X BACKGROUND ? [X] YES [ ] NO

DATE(S) SCANNED: *3/26/99 3/30/99 4/1/99 3/28/00 4/11/00*

CONFIRMATION SAMPLING INFORMATION

TOTAL # OF SAMPLE LOCATIONS : *30*

AVERAGES < ALARA? [X] YES [ ] NO

HOTSPOTS REMAINING? [ ] YES [X] NO

TOTAL # OF UTILITY SAMPLES : *0*

ADDITIONAL EXCAVATION REQUIRED? [X] YES [ ] NO

GENERAL COMMENTS - *Planned confirmation grid points represent TSAX-8 and TSAX-9. Five Th-230 hotspots were identified at SC-21001-S, SC-21006-S, SC-21109-S, SC-21110-S, and SC-21120-S. One total radium / Th-230 hotspot was identified at SC-21105-S. Areas were further excavated and resampled. SC-21107-S was released with preliminary data showing a Th-230 concentration below ALARA. Final data verifies that the Th-230 concentration is 0.16 pCi/g above criteria. Further investigation shows that the soil removed from this location was transported to the disposal cell as contaminated material when the remainder of the TSA work zone was cleaned up, therefore the location was resampled in order to represent final soils left in place. All final results are below criteria.*

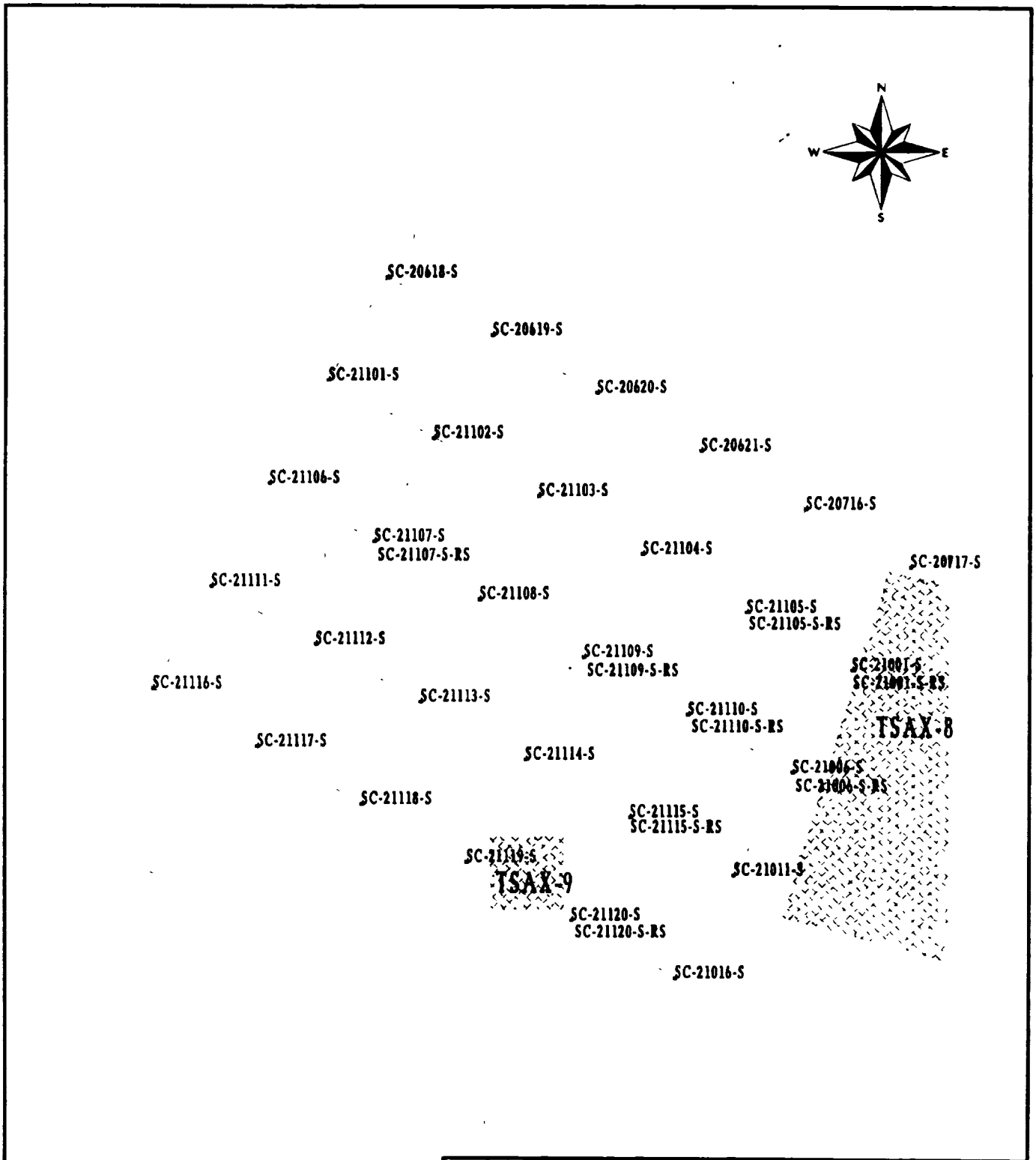
ORISE ACTION - *Three unbiased samples were collected by ORISE; one at approx. 15 ft. southeast of SC-21104-S, one at approx. southeast of SC-21112-S, and one at approx. 15 ft. southeast of SC-21015-S. The Th-230 results for the sample associated with SC-21112-S exceeded criteria, although the 100m2 average remains below criteria. All other unbiased results are below ALARA.*

ALARA COMMITTEE ACTION - *A decision was made at a 4/15/99 ALARA Committee meeting to remediate all hotspots in this CU in order to meet the requirements established in the Attainment Plan for maximum allowable number of hotspots in a CU.*

CU SUMMARY DATA

As	24	2.4 - 8.8	6.35	45	75	0	0
Cr	24	11.9 - 21.4	15.77	90	110	0	0
Pb	24	7.6 - 25	12.84	240	450	0	0
Ra-226	24	0.23 - 1.89	1.05	5	6.2	0	0
Ra-228	24	0.44 - 2.01	1.12	5	6.2	0	0
Total Radium	24	0.73 - 3.9	2.17	5	6.2	0	0
Th-230	24	0.91 - 5.79	2.02	5	6.2	2	0
Th-232	24	0.45 - 2.0	1.15	5	6.2	0	0
U-238	30	1.01 - 6.31	1.69	30	120	0	0
PAH	20	0 - 0.11	0.02	0.44	5.6	0	0
PCB	20	results < detection limit	N/A	0.65	8	0	0
TNT	29	0.003 -0.15	0.03	14	140	0	0
DNT	29	0.003 - 0.15	0.03	7.4	55	0	0

NOTE: Radiological contaminants are listed in pCi/g. Chemical contaminants are listed in mg/kg.



150 75 0 150 FEET

50 25 0 50 METERS

Sample Locations in Remedial Unit RU022
Confirmation Unit CU211

Figure: 4-23

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO	
ORIGINATOR: MGL	DRAWN BY: LGE	DATE 02/05/02	

Table 4 - 24 Summary of CU212

CU 212 RU 22

COC				
	Ra-226	X	As	X
	Ra-228	X	Cr	X
	Th-230	X	Pb	X
	Th-232	X	Se	X
	U-238	X	PAH	X
	DNT	X	PCB	X
Reference Figure:	4 - 24		TNT	X

DATE RELEASED FOR UNRESTRICTED USE: 4 / 21 / 00

CLEANUP STANDARD [X] SURFACE [ ] SUBSURFACE

EACH 100m² < CRITERIA? [X] YES [ ] NO

LOCATION DESCRIPTION *This CU is located in the south central portion of the Temporary Storage Area work zone.*

WALKOVER SURVEY INFORMATION

BACKGROUND: *4,500 - 6,000* cpm
(shielding may have been used on a case-by-case basis)

FINAL SURVEY(S) BELOW 1.5 X BACKGROUND ? [X] YES [ ] NO

DATE(S) SCANNED: *3/26/99 3/30/99 3/17/00 3/23/00 3/28/00 3/31/00*

CONFIRMATION SAMPLING INFORMATION

TOTAL # OF SAMPLE LOCATIONS : *31*

TOTAL # OF UTILITY SAMPLES . *1*

AVERAGES < ALARA? [X] YES [ ] NO

HOTSPOTS REMAINING? [X] YES [ ] NO

ADDITIONAL EXCAVATION REQUIRED? [X] YES [ ] NO

GENERAL COMMENTS - *One utility sample was added upon removal of a pipeline located at the southeast corner of the TSA impoundment basin Two Th-230 hotspots were identified at SC-21204-S and SC-21207-S. Areas were further excavated and resampled. A third Th-230 hotspot was identified at SC-21209-S. Area was sampled around to determine size.*

Maximum concentration = criteria x $(100/A)^{1/2}$

$7.06 = 6.2 \times (100/A)^{1/2}$

$A = 77m^2 \rightarrow A = 25m^2$ *(largest hotspot that can remain)*

Area meets hotspot rule and will remain in place. All other final results are below ALARA.

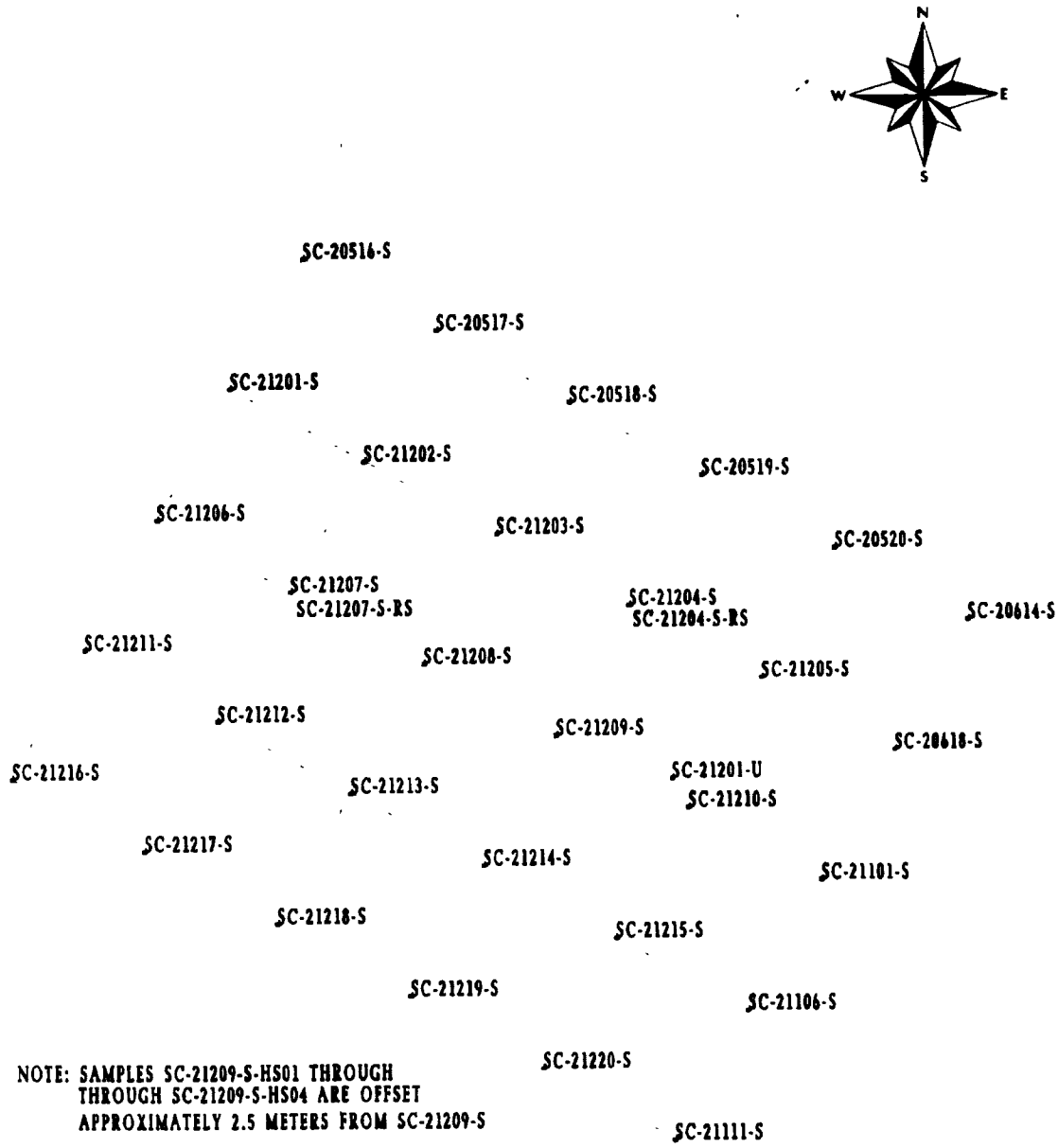
ORISE ACTION - *None*

ALARA COMMITTEE ACTION - *None*

CU SUMMARY DATA

As	28	2.4 - 19.7	7.44	45	75	0	0
Cr	28	5.3 - 30.2	13.87	90	110	0	0
Pb	28	5.9 - 25.3	11.74	240	450	0	0
Se	18	0.14 - 1.1	0.52	280	350	0	0
Ra-226	28	0.23 - 1.69	0.82	5	6.2	0	0
Ra-228	28	0.39 - 1.44	0.98	5	6.2	0	0
Total Radium	28	0.65 - 2.87	1.79	5	6.2	0	0
Th-230	31	0.73 - 7.06	1.49	5	6.2	1	1
Th-232	28	0.39 - 1.4	1.00	5	6.2	0	0
U-238	31	1.02 - 5	1.33	30	120	0	0
PAH	28	0 - 0.22	0.04	0.44	5.6	0	0
PCB	28	results < detection limit	N/A	0.65	8	0	0
TNT	31	0.003 - 0.17	0.11	14	140	0	0
DNT	31	0.003 - 0.17	0.11	7.4	55	0	0

NOTE: Radiological contaminants are listed in pCi/g. Chemical contaminants are listed in mg/kg.



NOTE: SAMPLES SC-21209-S-HS01 THROUGH THROUGH SC-21209-S-HS04 ARE OFFSET APPROXIMATELY 2.5 METERS FROM SC-21209-S

150 75 0 150 FEET

50 25 0 50 METERS

Sample Locations in Remedial Unit RU022 Confirmation Unit CU212

Figure: 4-24

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO :	
ORIGINATOR: MGL	DRAWN BY: LGE	DATE 02/05/02	

Table 4 - 25 Summary of CU213

CU	213	RU	22

COC				
	Ra-226	X	As	X
	Ra-228	X	Cr	X
	Th-230	X	Pb	X
	Th-232	X	Se	X
	U-238	X	PAH	X
	DNT	X	PCB	X
Reference Figure:	4 - 25		TNT	X

DATE RELEASED FOR UNRESTRICTED USE: 4 / 7 / 00

CLEANUP STANDARD [X] SURFACE [ ] SUBSURFACE

EACH 100m² < CRITERIA? [X] YES [ ] NO

LOCATION DESCRIPTION *This CU is located in the western portion of the Temporary Storage Area work zone.*

WALKOVER SURVEY INFORMATION

BACKGROUND: *4,500 - 12,000* cpm
(shielding may have been used on a case-by-case basis)

FINAL SURVEY(S) BELOW 1.5 X BACKGROUND ? [X] YES [ ] NO

DATE(S) SCANNED: *8/2/99 8/25/99 3/1/00 3/17/00 3/22/00 4/3/00*

CONFIRMATION SAMPLING INFORMATION

TOTAL # OF SAMPLE LOCATIONS : *33*

AVERAGES < ALARA? [X] YES [ ] NO

HOTSPOTS REMAINING? [ ] YES [X] NO

TOTAL # OF UTILITY SAMPLES : *0*

ADDITIONAL EXCAVATION REQUIRED? [ ] YES [X] NO

GENERAL COMMENTS - *Planned confirmation grid points represent TSAX-4. Three locations within TSAX-4 were sampled prior to the final revision of design elevation depth being achieved. The three locations, SC-21317-S, SC-21323-S, and SC-21324-S, were resampled when the design depth was achieved. All final results are below ALARA*

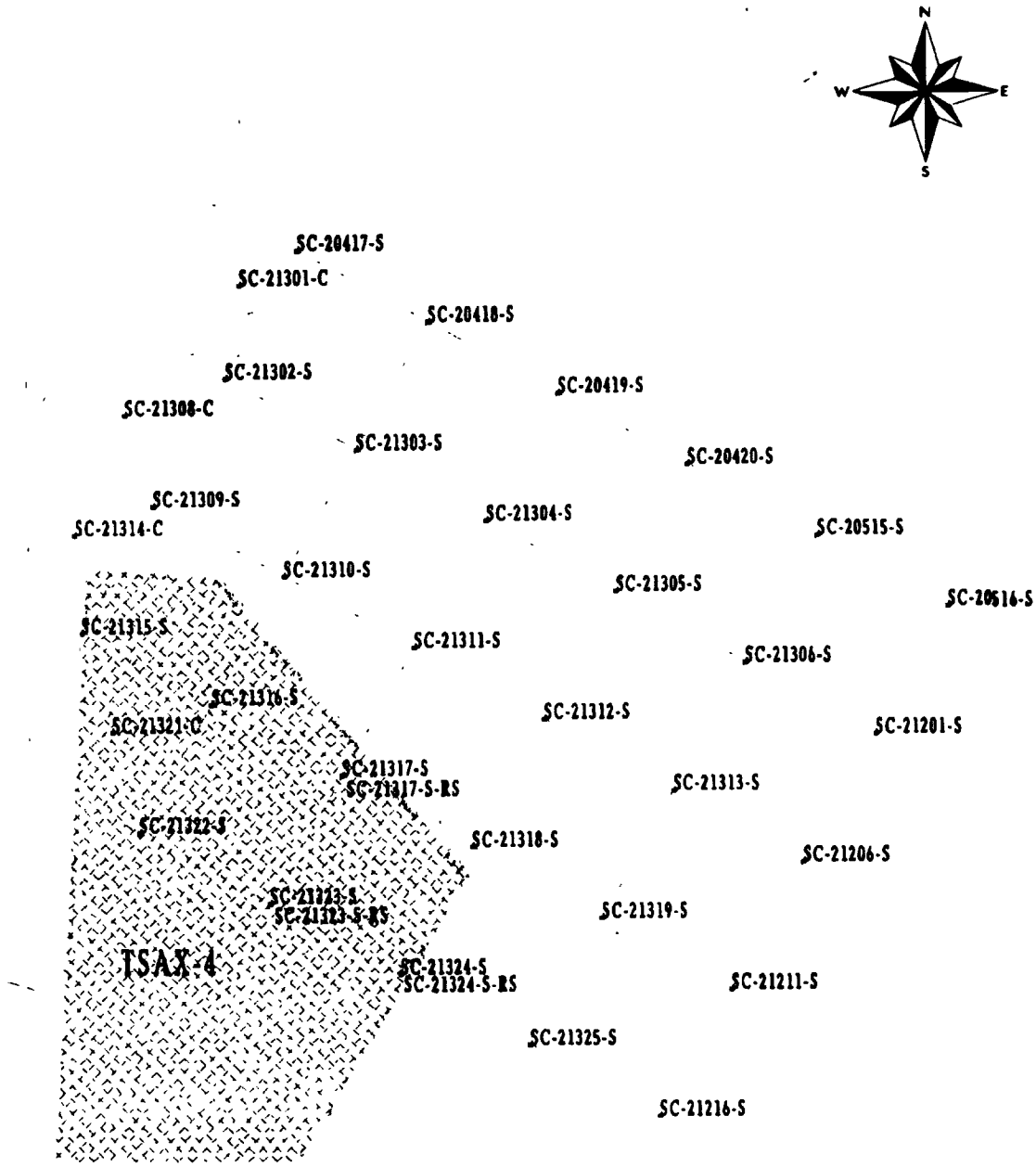
ORISE ACTION - *None*

ALARA COMMITTEE ACTION - *None*

CU SUMMARY DATA

As	14	3.3 - 30.3	8.24	45	75	0	0
Cr	14	5.3 - 25.6	13	90	110	0	0
Pb	14	5.8 - 16.6	11.21	240	450	0	0
Se	16	0.05 - 1.6	0.48	280	350	0	0
Ra-226	14	0.26 - 1	0.67	5	6.2	0	0
Ra-228	14	0.39 - 1.32	0.9	5	6.2	0	0
Total Radium	14	0.65 - 2.32	1.57	5	6.2	0	0
Th-230	14	0.78 - 3.86	1.53	5	6.2	0	0
Th-232	14	0.39 - 1.3	0.92	5	6.2	0	0
U-238	33	1.05 - 17.8	1.98	30	120	0	0
PAH	14	0 - 0.17	0.02	0.44	5.6	0	0
PCB	12	results < detection limit	N/A	0.65	8	0	0
TNT	14	0.0[illegible] - 0.16	0.13	14	140	0	0
DNT	14	0.01 - 0.16	0.13	7.4	55	0	0

NOTE: Radiological contaminants are listed in pCi/g. Chemical contaminants are listed in mg/kg.



150 75 0 150 FEET

50 25 0 50 METERS

Sample Locations in Remedial Unit RU022 Confirmation Unit CU213

Figure: 4-25

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO :	
ORIGINATOR: MGL	DRAWN BY: LGE	DATE: 02/05/02	

Table 4 - 26 Summary of CU214

CU 214 RU 22

COC				
	Ra-226	X	As	X
	Ra-228	X	Cr	X
	Th-230	X	Pb	X
	Th-232	X	Se	X
	U-238	X	PAH	X
	DNT	X	PCB	X
Reference Figure:	4 - 26		TNT	X

DATE RELEASED FOR UNRESTRICTED USE: 3 / 31 / 00

CLEANUP STANDARD [X] SURFACE [ ] SUBSURFACE

EACH 100m² < CRITERIA? [X] YES [ ] NO

LOCATION DESCRIPTION *This CU is located in the western portion of the Temporary Storage Area work zone.*

WALKOVER SURVEY INFORMATION

BACKGROUND: *4,000 - 10,000* cpm
(shielding may have been used on a case-by-case basis)

FINAL SURVEY(S) BELOW 1.5 X BACKGROUND ? [X] YES [ ] NO

DATE(S) SCANNED: *2/23/99 3/26/99 8/25/99 3/1/00 3/9/00 3/17/00 3/22/00 3/23/00*

CONFIRMATION SAMPLING INFORMATION

TOTAL # OF SAMPLE LOCATIONS . *32*

AVERAGES < ALARA? [X] YES [ ] NO

HOTSPOTS REMAINING? [ ] YES [X] NO

TOTAL # OF UTILITY SAMPLES : *0*

ADDITIONAL EXCAVATION REQUIRED? [ ] YES [X] NO

GENERAL COMMENTS - *Planned confirmation grid points represent TSAX-4. Eight locations within TSAX-4 were sampled prior to the final revision of design elevation depth being achieved. The eight locations, SC21323-S, SC-21324-S, SC-21402-S, SC-21403-S, SC-21404-S, SC-21410-S, SC-21414-S, and SC-21415-S were resampled when the design depth was achieved All final results are below ALARA.*

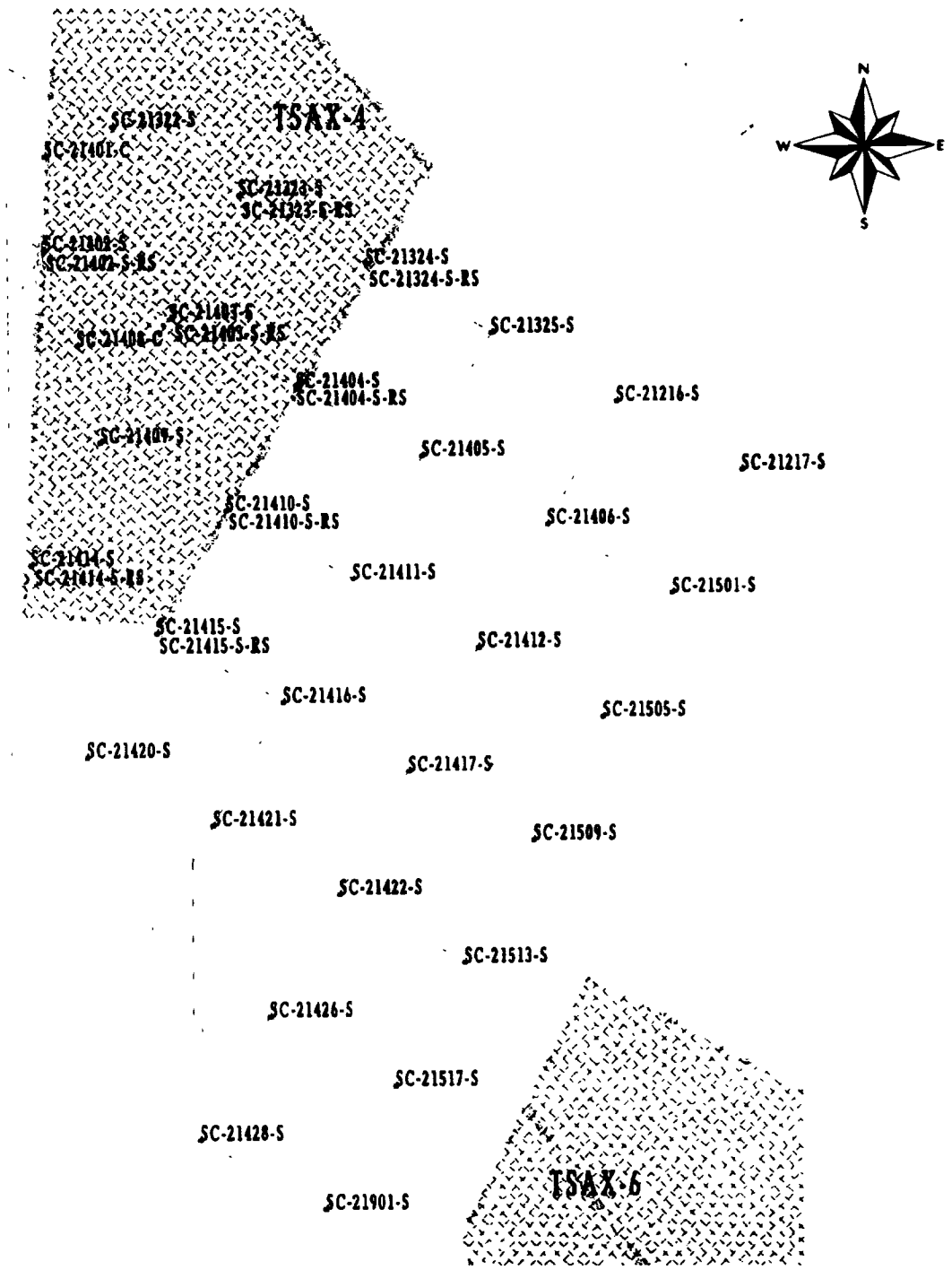
ORISE ACTION - *None*

ALARA COMMITTEE ACTION - *None*

CU SUMMARY DATA

As	6	6 - 9.8	7.87	45	75	0	0
Cr	6	13.2 - 18	14.75	90	110	0	0
Pb	8	11 - 21.6	13.64	240	450	0	0
Se	3	0.1 - 0.51	0.24	280	350	0	0
Ra-226	6	0.66 - 1.07	0.87	5	6.2	0	0
Ra-228	6	0.87 - 1.09	0.96	5	6.2	0	0
Total Radium	6	1.69 - 2.13	1.82	5	6.2	0	0
Th-230	6	0.9 - 1.4	1.06	5	6.2	0	0
Th-232	6	0.89 - 1.1	0.98	5	6.2	0	0
U-238	32	0.74 - 1.36	1.17	30	120	0	0
PAH	6	0 - 0.11	0.03	0.44	5.6	0	0
PCB	8	results < detection limit	N/A	0.65	8	0	0
TNT	6	0.003 - 0.15	0.05	14	140	0	0
DNT	6	0.003 - 0.15	0.05	7.4	55	0	0

NOTE: Radiological contaminants are listed in pCi/g. Chemical contaminants are listed in mg/kg.



160 75 0 150 FEET

50 25 0 50 METERS

Sample Locations in Remedial Unit RU022 Confirmation Unit CU214

Figure: 4-26

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO :	
ORIGINATOR: MGL	DRAWN BY: LGE	DATE: 03/11/02	

Table 4 - 27 Summary of CU215

CU: 215 RU: 22

COC				
	Ra-226	X	As	X
	Ra-228	X	Cr	X
	Th-230	X	Pb	X
	Th-232	X	Tl	
	U-238	X	PAH	X
	DNT	X	PCB	X
Reference Figure:	4 - 27		TNT	X

DATE RELEASED FOR UNRESTRICTED USE: 3 / 31 / 00

CLEANUP STANDARD [X] SURFACE [ ] SUBSURFACE

EACH 100m² < CRITERIA? [X] YES [ ] NO

LOCATION DESCRIPTION *This CU is located in the southern portion of the Temporary Storage Area work zone.*

WALKOVER SURVEY INFORMATION

BACKGROUND: *4,000 - 5,800* cpm
(shielding may have been used on a case-by-case basis)

FINAL SURVEY(S) BELOW 1.5 X BACKGROUND ? [X] YES [ ] NO

DATE(S) SCANNED: *2/23/99 3/26/99 3/30/99 3/23/00*

CONFIRMATION SAMPLING INFORMATION

TOTAL # OF SAMPLE LOCATIONS : *30*

TOTAL # OF UTILITY SAMPLES : *0*

AVERAGES < ALARA? [X] YES [ ] NO

HOTSPOTS REMAINING? [ ] YES [X] NO

ADDITIONAL EXCAVATION REQUIRED? [ ] YES [X] NO

GENERAL COMMENTS - *Planned confirmation grid points represent TSAX-6. All final results are below ALARA.*

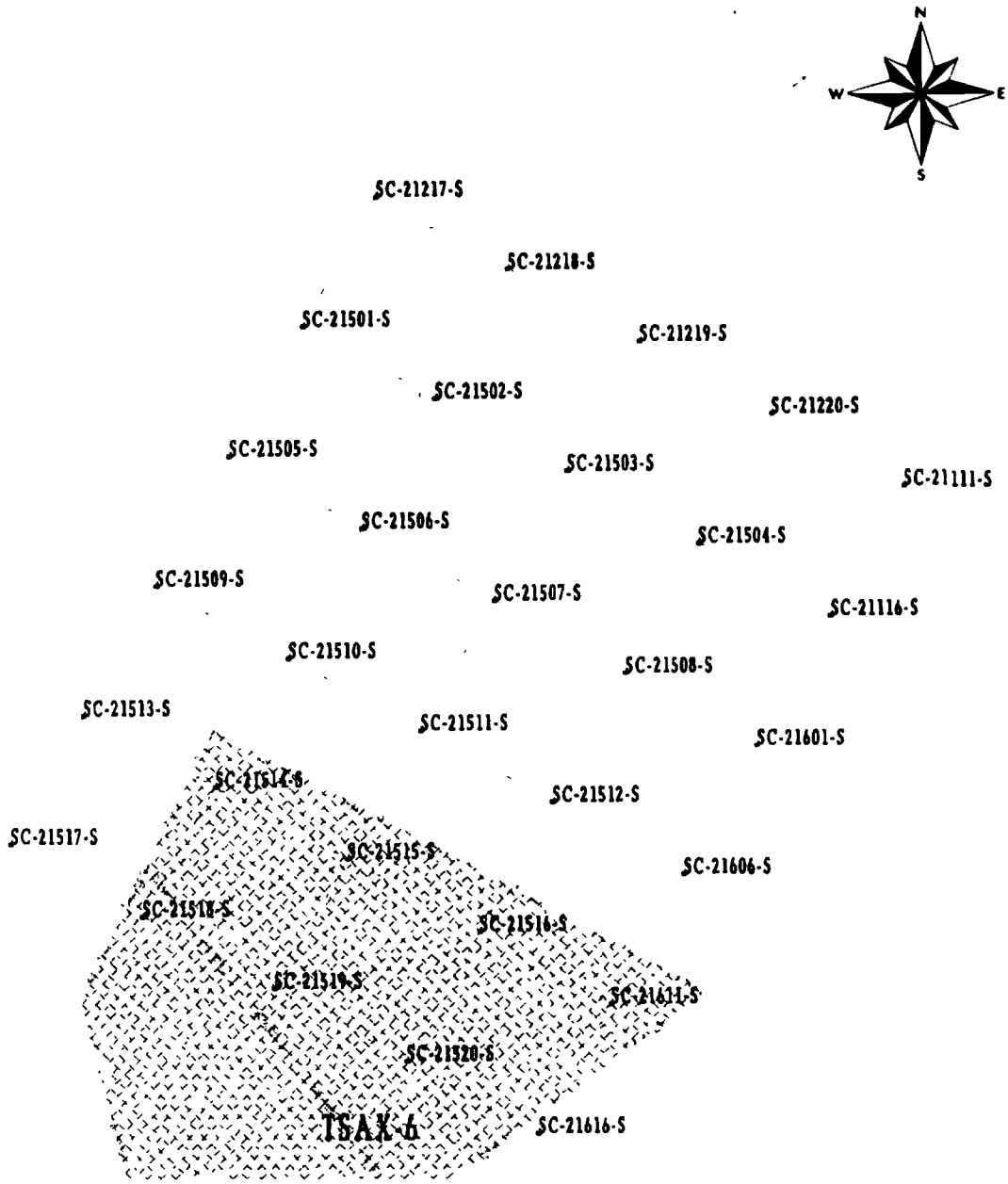
ORISE ACTION - *ORISE collected four unbiased soil samples; one at approx. 20 ft. northeast of SC-21508-S, one at approx. 25 ft. northeast of SC-21510-S, one at approx. 25 ft. northeast of SC-21516-S, and one at approx. 25 ft. northeast of SC-21518-S. All results are below ALARA.*

ALARA COMMITTEE ACTION - *None*

CU SUMMARY DATA

As	29	5 - 14.7	7.99	45	75	0	0
Cr	29	11.9 - 24.7	17.72	90	110	0	0
Pb	29	7.9 - 21.6	12.77	240	450	0	0
Ra-226	29	0.62 - 1.54	1.08	5	6.2	0	0
Ra-228	29	0.41 - 1.12	0.83	5	6.2	0	0
Total Radium	29	1.03 - 2.32	1.91	5	6.2	0	0
Th-230	29	0.8 - 3.85	1.25	5	6.2	0	0
Th-232	29	0.42 - 1.1	0.85	5	6.2	0	0
U-238	30	0.88 - 1.64	1.31	30	120	0	0
PAH	29	0 - 0.11	0.01	0.44	5.6	0	0
PCB	29	0 - 0.06	0.002	0.65	8	0	0
TNT	29	0.003 - 0.065	0.01	14	140	0	0
DNT	29	0.003 - 0.06	0.01	7.4	55	0	0

NOTE: Radiological contaminants are listed in pCi/g. Chemical contaminants are listed in mg/kg.



150 75 0 150 FEET

50 25 0 50 METERS

Sample Locations in Remedial Unit RU022
Confirmation Unit CU215

Figure: 4-27

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO:	
ORIGINATOR: MGL	DRAWN BY: LGE	DATE: 02/05/02	

Table 4 - 28 Summary of CU216

CU	216	RU	22
COC	Ra-226	X	As	X
	Ra-228	X	Cr	X
	Th-230	X	Pb	X
	Th-232	X	Tl	
	U-238	X	PAH	X
	DNT	X	PCB	X
Reference Figure:	4 - 28		TNT	X

DATE RELEASED FOR UNRESTRICTED USE: 6 / 4 / 99

CLEANUP STANDARD [X] SURFACE [ ] SUBSURFACE

EACH 100m² < CRITERIA? [X] YES [ ] NO

LOCATION DESCRIPTION *This CU is located in the southern portion of the Temporary Storage Area work zone.*

WALKOVER SURVEY INFORMATION

BACKGROUND: *4,500 - 5,000* cpm
(shielding may have been used on a case-by-case basis)

FINAL SURVEY(S) BELOW 1.5 X BACKGROUND ? [X] YES [ ] NO

DATE(S) SCANNED: *3/26/99 3/30/99*

CONFIRMATION SAMPLING INFORMATION

TOTAL # OF SAMPLE LOCATIONS : *30*

TOTAL # OF UTILITY SAMPLES : *0*

AVERAGES < ALARA? [X] YES [ ] NO

HOTSPOTS REMAINING? [ ] YES [X] NO

ADDITIONAL EXCAVATION REQUIRED? [X] YES [ ] NO

GENERAL COMMENTS - *Planned confirmation grid points represent TSAX-6 and TSAX-9. Six Th-230 hotspots were identified at SC-21603-S, SC-21605-S, SC-21610-S, SC-21615-S, and SC-21711-S, and SC-21120-S. Areas were further excavated and resampled. All final results are below criteria.*

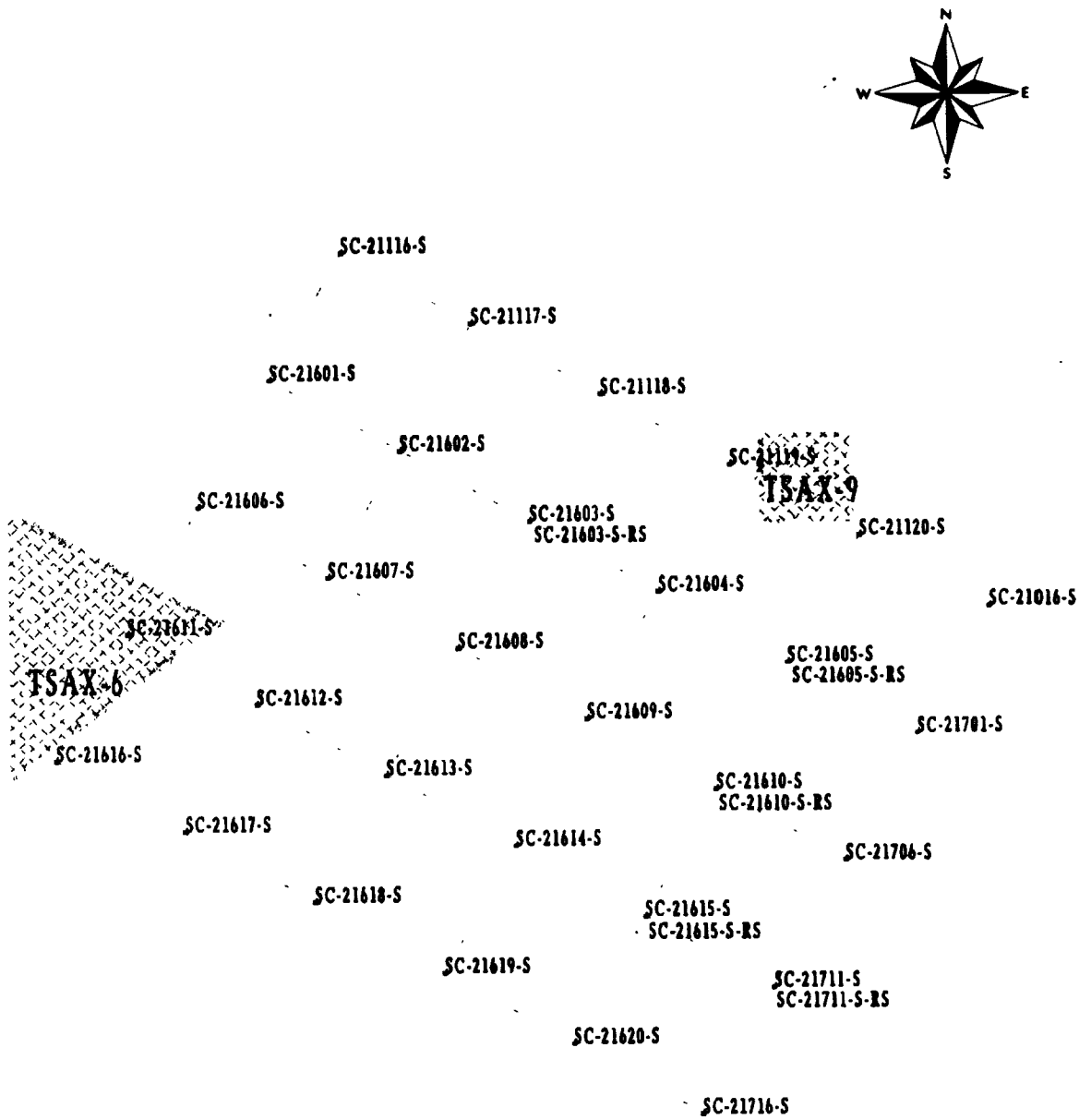
ORISE ACTION - *Four unbiased samples were collected by ORISE; one at approx. 15 ft. southeast of SC-21117-S, one at approx. 15 ft. southeast of SC-21604-S, one at approx. 15 ft. southeast of SC-21606-S, and one at approx. 15 ft. southeast of SC-21613-S. The Th-230 results for the sample associated with SC-21117-S exceeded criteria, although the 100m² average remains below criteria. All other unbiased sample results are below ALARA.*

ALARA COMMITTEE ACTION - *A decision was made at a 4/15/99 ALARA Committee meeting to remediate all hotspots in this CU in order to meet the requirements established in the Attainment Plan for maximum allowable number of hotspots in a CU*

CU SUMMARY DATA

As	30	4.8 - 14.7	7.88	45	75	0	0
Cr	30	13 - 24.7	17.07	90	110	0	0
Pb	30	8 - 24.9	12.84	240	450	0	0
Ra-226	30	0.33 - 1.79	1.28	5	6.2	0	0
Ra-228	30	0.46 - 1.76	0.96	5	6.2	0	0
Total Radium	30	0.80 - 3.55	2.24	5	6.2	0	0
Th-230	30	0.84 - 5.89	2.06	5	6.2	2	0
Th-232	30	0.47 - 1.8	0.99	5	6.2	0	0
U-238	30	1.27 - 3.71	1.64	30	120	0	0
PAH	25	results < detection limit	N/A	0.44	5.6	0	0
PCB	25	results < detection limit	N/A	0.65	8	0	0
TNT	28	0.003 - 0.049	0.007	14	140	0	0
DNT	28	0.003 - 0.004	0.003	7.4	55	0	0

NOTE: Radiological contaminants are listed in pCi/g. Chemical contaminants are listed in mg/kg.



150 75 0 150 FEET

50 25 0 50 METERS

Sample Locations in Remedial Unit RU022 Confirmation Unit CU216

Figure: 4-28

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO :	
ORIGINATOR: MGL	DRAWN BY: LGE	DATE: 02/05/02	

Table 4 - 29 Summary of CU217

CU: 217 RU: 22

COC				
	Ra-226	X	As	X
	Ra-228	X	Cr	X
	Th-230	X	Pb	X
	Th-232	X	Tl	
	U-238	X	PAH	
	DNT	X	PCB	
Reference Figure:	4 - 29		TNT	X

DATE RELEASED FOR UNRESTRICTED USE: 6 / 4 / 99

CLEANUP STANDARD [X] SURFACE [ ] SUBSURFACE

EACH 100m² < CRITERIA? [X] YES [ ] NO

LOCATION DESCRIPTION *This CU is located in the southern portion of the Temporary Storage Area work zone.*

WALKOVER SURVEY INFORMATION

BACKGROUND: *4,500 - 10,000* cpm
(shielding may have been used on a case-by-case basis)

FINAL SURVEY(S) BELOW 1.5 X BACKGROUND ? [X] YES [ ] NO

DATE(S) SCANNED: *2/2/99 2/4/99 3/30/99*

CONFIRMATION SAMPLING INFORMATION

TOTAL # OF SAMPLE LOCATIONS : *29*

TOTAL # OF UTILITY SAMPLES : *0*

AVERAGES < ALARA? [X] YES [ ] NO

HOTSPOTS REMAINING? [ ] YES [X] NO

ADDITIONAL EXCAVATION REQUIRED? [X] YES [ ] NO

GENERAL COMMENTS - *Two Th-230 hotspots were identified at SC-21017-S and SC-21711-S. Areas were further excavated and resampled. All final results are below criteria.*

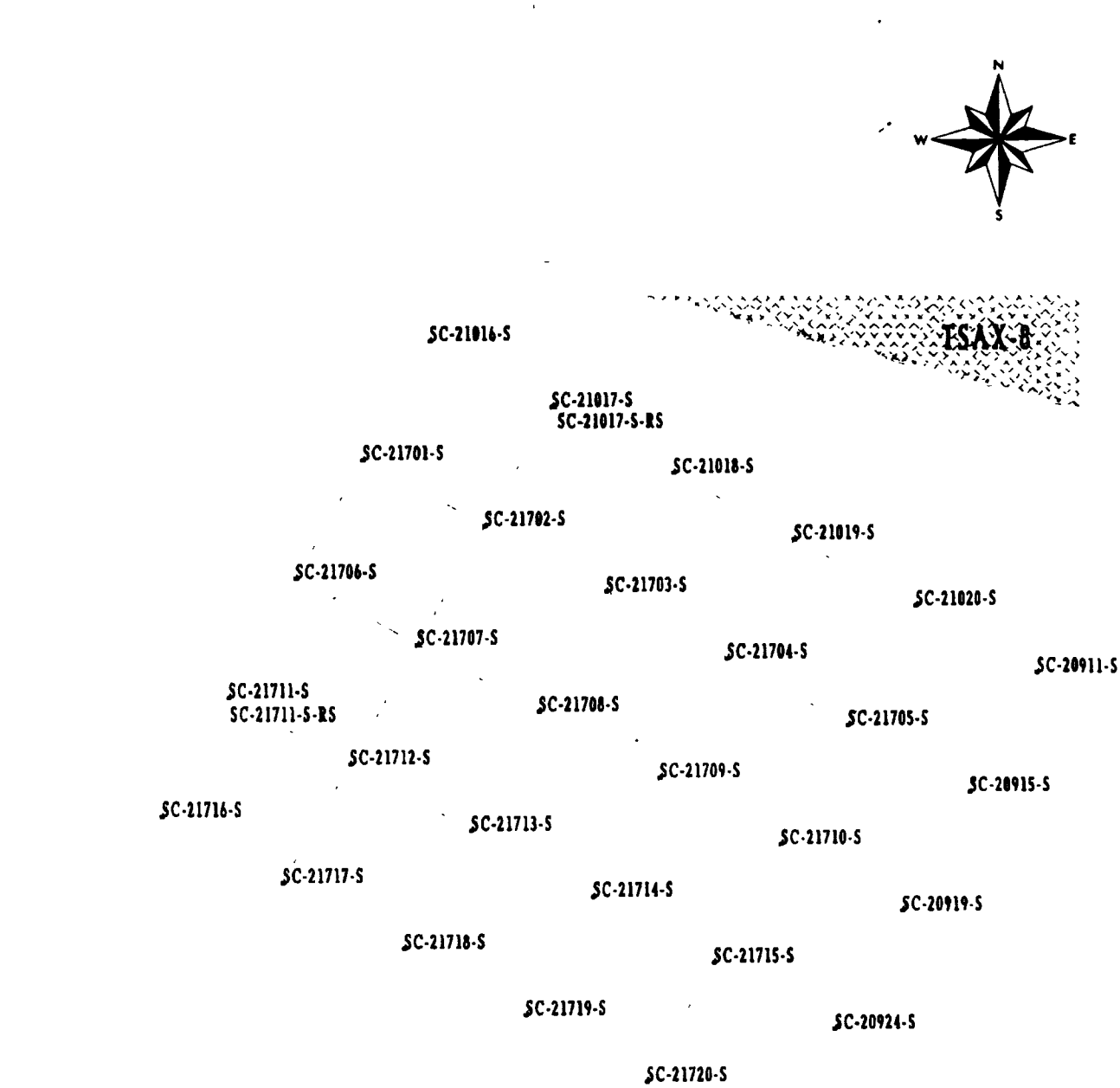
ORISE ACTION - *Four unbiased samples were collected by ORISE; one at approx. 25 ft. northwest of SC-21703-S, one at approx. northwest of SC-21710-S, one at approx. 25 ft. northwest of SC-21713-S, and one at approx. 25 ft. northwest of SC-20924-S. The Th-230 results for the sample associated with SC-21713-S exceeded criteria, although the 100m2 average remains below criteria. All other unbiased sample results are below ALARA.*

ALARA COMMITTEE ACTION - *None*

CU SUMMARY DATA

As	21	3.8 - 13.4	7.19	45	75	0	0
Cr	21	10.1 - 21	16.04	90	110	0	0
Pb	21	5.7 - 24.9	11.52	240	450	0	0
Ra-226	21	0.82 - 1.58	1.22	5	6.2	0	0
Ra-228	21	0.44 - 1.69	0.97	5	6.2	0	0
Total Radium	21	1.3 - 3.27	2.18	5	6.2	0	0
Th-230	21	0.95 - 5.69	2.31	5	6.2	2	0
Th-232	21	0.45 - 1.7	0.99	5	6.2	0	0
U-238	29	1.05 - 3.77	1.55	30	120	0	0
TNT	15	0.003 - 0.18	0.02	14	140	0	0
DNT	15	0.003 - 0.014	0.01	7.4	55	0	0

NOTE: Radiological contaminants are listed in pCi/g. Chemical contaminants are listed in mg/kg.



150 75 0 150 FEET

60 25 0 60 METERS

Sample Locations in Remedial Unit RU022
Confirmation Unit CU217

Figure: 4-29

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO :	
ORIGINATOR: MGL	DRAWN BY: LGE	DATE 02/05/02	

Table 4 - 30 Summary of CU218

CU 218 RU 22

COC				
	Ra-226	X	As	X
	Ra-228	X	Cr	X
	Th-230	X	Pb	X
	Th-232	X	Tl	
	U-238	X	PAH	X
	DNT	X	PCB	X
Reference Figure:	4 - 30		TNT	X

DATE RELEASED FOR UNRESTRICTED USE: 4 / 12 / 99

CLEANUP STANDARD [X] SURFACE [ ] SUBSURFACE

EACH 100m² < CRITERIA? [X] YES [ ] NO

LOCATION DESCRIPTION *This CU is located in the southern portion of the Temporary Storage Area work zone.*

WALKOVER SURVEY INFORMATION

BACKGROUND: *5,000 - 10,000* cpm
(shielding may have been used on a case-by-case basis)

FINAL SURVEY(S) BELOW 1.5 X BACKGROUND ? [X] YES [ ] NO

DATE(S) SCANNED: *2/4/99 3/26/99 3/30/99*
(Walkover survey information for SC-21720-S, SC-21807-S, SC-21814-S, SC-21815-C, SC-21815-S, SC-21820-S, and SC-21824-S was not located.)

CONFIRMATION SAMPLING INFORMATION

TOTAL # OF SAMPLE LOCATIONS : *29*

AVERAGES < ALARA? [X] YES [ ] NO

HOTSPOTS REMAINING? [ ] YES [X] NO

TOTAL # OF UTILITY SAMPLES : *0*

ADDITIONAL EXCAVATION REQUIRED? [ ] YES [X] NO

GENERAL COMMENTS - *All final results are below ALARA.*

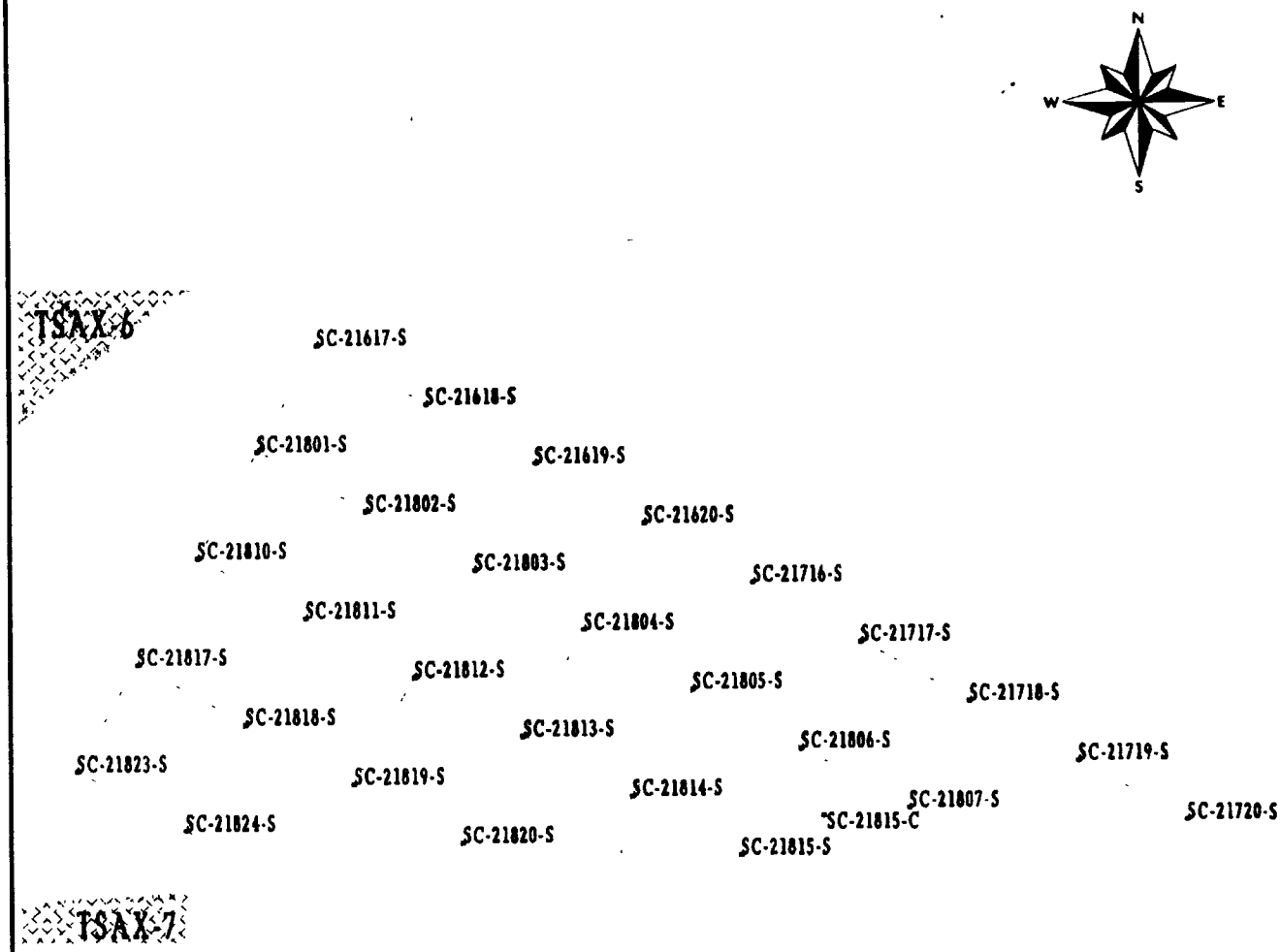
ORISE ACTION - *ORISE collected three unbiased soil samples; one at approx. 25 ft. southeast of SC-21617-S, one at approx. 25 ft. southeast of SC-21620-S, and one at approx. 25 ft. southeast of SC-21812-S. All results are below ALARA.*

ALARA COMMITTEE ACTION - *None*

CU SUMMARY DATA

As	15	5.7 - 13.4	9.21	45	75	0	0
Cr	15	12.2 - 21.5	17.93	90	110	0	0
Pb	15	10.6 - 24.9	14.87	240	450	0	0
Ra-226	15	0.84 - 1.47	1.21	5	6.2	0	0
Ra-228	15	0.48 - 1.51	0.93	5	6.2	0	0
Total Radium	15	1.32 - 2.86	2.14	5	6.2	0	0
Th-230	15	0.88 - 3.48	1.52	5	6.2	0	0
Th-232	15	0.49 - 1.5	0.95	5	6.2	0	0
U-238	29	0.94 - 1.46	1.30	30	120	0	0
PAH	4	results < detection limit	N/A	0.44	5.6	0	0
PCB	4	results < detection limit	N/A	0.65	8	0	0
TNT	4	0.003 - 0.049	0.003	14	140	0	0
DNT	4	0.003 - 0.004	0.003	7.4	55	0	0

NOTE: Radiological contaminants are listed in pCi/g. Chemical contaminants are listed in mg/kg.



150 75 0 150 FEET

50 25 0 50 METERS

Sample Locations in Remedial Unit RU022 Confirmation Unit CU218

Figure: 4-30

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO :	
ORIGINATOR: MGL	DRAWN BY: LGE	DATE: 02/05/02	

Table 4 - 31 Summary of CU219

CU 219 RU 22

COC				
	Ra-226	X	As	X
	Ra-228	X	Cr	X
	Th-230	X	Pb	X
	Th-232	X	Tl	
	U-238	X	PAH	X
	DNT	X	PCB	X
Reference Figure:	4 - 31		TNT	X

DATE RELEASED FOR UNRESTRICTED USE: 4 / 12 / 99

CLEANUP STANDARD [X] SURFACE [ ] SUBSURFACE

EACH 100m² < CRITERIA? [X] YES [ ] NO

LOCATION DESCRIPTION *This CU is located in the southern portion of the Temporary Storage Area work zone.*

WALKOVER SURVEY INFORMATION

BACKGROUND: *4,000 - 10,000* cpm
(shielding may have been used on a case-by-case basis)

FINAL SURVEY(S) BELOW 1.5 X BACKGROUND ? [X] YES [ ] NO

DATE(S) SCANNED: *2/4/99 2/23/99 3/26/99*

CONFIRMATION SAMPLING INFORMATION

TOTAL # OF SAMPLE LOCATIONS : *29*

TOTAL # OF UTILITY SAMPLES : *0*

AVERAGES < ALARA? [X] YES [ ] NO

HOTSPOTS REMAINING? [ ] YES [X] NO

ADDITIONAL EXCAVATION REQUIRED? [ ] YES [X] NO

GENERAL COMMENTS - *Planned confirmation grid points represent TSAX-6. All final results are below ALARA.*

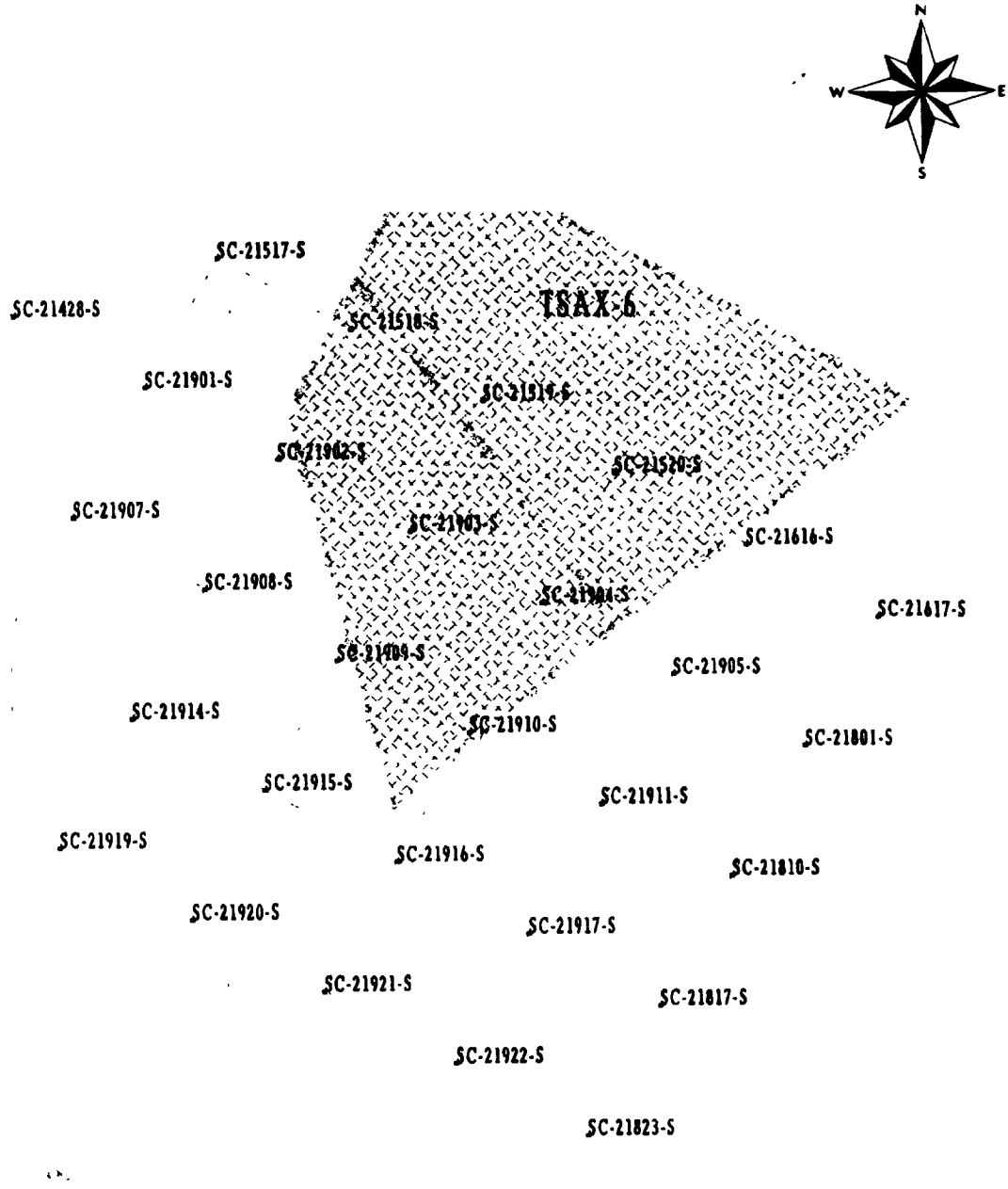
ORISE ACTION - *ORISE collected four unbiased soil samples; one at approx. 25 ft southeast of SC-21518-S, one at approx. 25 ft. southeast of SC-21905-S, one at approx. 25 ft. southeast of SC-21909-S, and one at approx. 25 ft. southeast of SC-21916-S All results are below ALARA.*

ALARA COMMITTEE ACTION - *None*

CU SUMMARY DATA

As	8	5.7 - 14.7	10.71	45	75	0	0
Cr	8	12.2 - 24.7	19.7	90	110	0	0
Pb	8	13.1 - 18.7	15.4	240	450	0	0
Ra-226	14	0.84 - 1.28	1.13	5	6.2	0	0
Ra-228	14	0.45 - 1.33	0.79	5	6.2	0	0
Total Radium	14	1.32 - 2.6	1.93	5	6.2	0	0
Th-230	8	0.88 - 1.42	1.17	5	6.2	0	0
Th-232	14	0.46 - 1.3	0.81	5	6.2	0	0
U-238	29	1.19 - 15.9	1.91	30	120	0	0
PAH	5	results < detection limit	N/A	0.44	5.6	0	0
PCB	13	0 - 0.14	0.03	0.65	8	0	0
TNT	5	0.003 - 0.049	0.01	14	140	0	0
DNT	5	0.003 - 0.004	0.004	7.4	55	0	0

NOTE: Radiological contaminants are listed in pCi/g. Chemical contaminants are listed in mg/kg.



150 75 0 150 FEET

60 25 0 60 METERS

Sample Locations in Remedial Unit RU022 Confirmation Unit CU219

Figure: 4-31

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO :	
ORIGINATOR: MGL	DRAWN BY: LGE	DATE 02/05/02	

Table 4 - 32 Summary of CU220

CU 220 RU 22

COC				
	Ra-226	X	As	
	Ra-228	X	Cr	
	Th-230	X	Pb	
	Th-232	X	Tl	
	U-238	X	PAH	
			PCB	
			TNT	

Reference Figure: 4 - 32

DATE RELEASED FOR UNRESTRICTED USE: 4 / 13 / 99

CLEANUP STANDARD [X] SURFACE [ ] SUBSURFACE

EACH 100m^2 < CRITERIA? [X] YES [ ] NO

LOCATION DESCRIPTION *This CU is located in the southwest portion of the Temporary Storage Area work zone.*

WALKOVER SURVEY INFORMATION

BACKGROUND: *4,000 - 11,000* cpm
(shielding may have been used on a case-by-case basis)

FINAL SURVEY(S) BELOW 1.5 X BACKGROUND ? [X] YES [ ] NO

DATE(S) SCANNED: *2/4/99 2/23/99 3/15/99*

CONFIRMATION SAMPLING INFORMATION

TOTAL # OF SAMPLE LOCATIONS : *31*

AVERAGES < ALARA? [X] YES [ ] NO

HOTSPOTS REMAINING? [ ] YES [X] NO

TOTAL # OF UTILITY SAMPLES : *0*

ADDITIONAL EXCAVATION REQUIRED? [ ] YES [X] NO

GENERAL COMMENTS - *Planned confirmation grid points represent TSAX-7. SC-22012-C was incorrectly labeled as SC-22012-S. Since SC-22012-S did not already exist as a sample in this CU, the -C location was relabeled as -S, and all data is presented using the -S label. The label in Figure 4-32 reflects the revised sample ID. All final results are below criteria.*

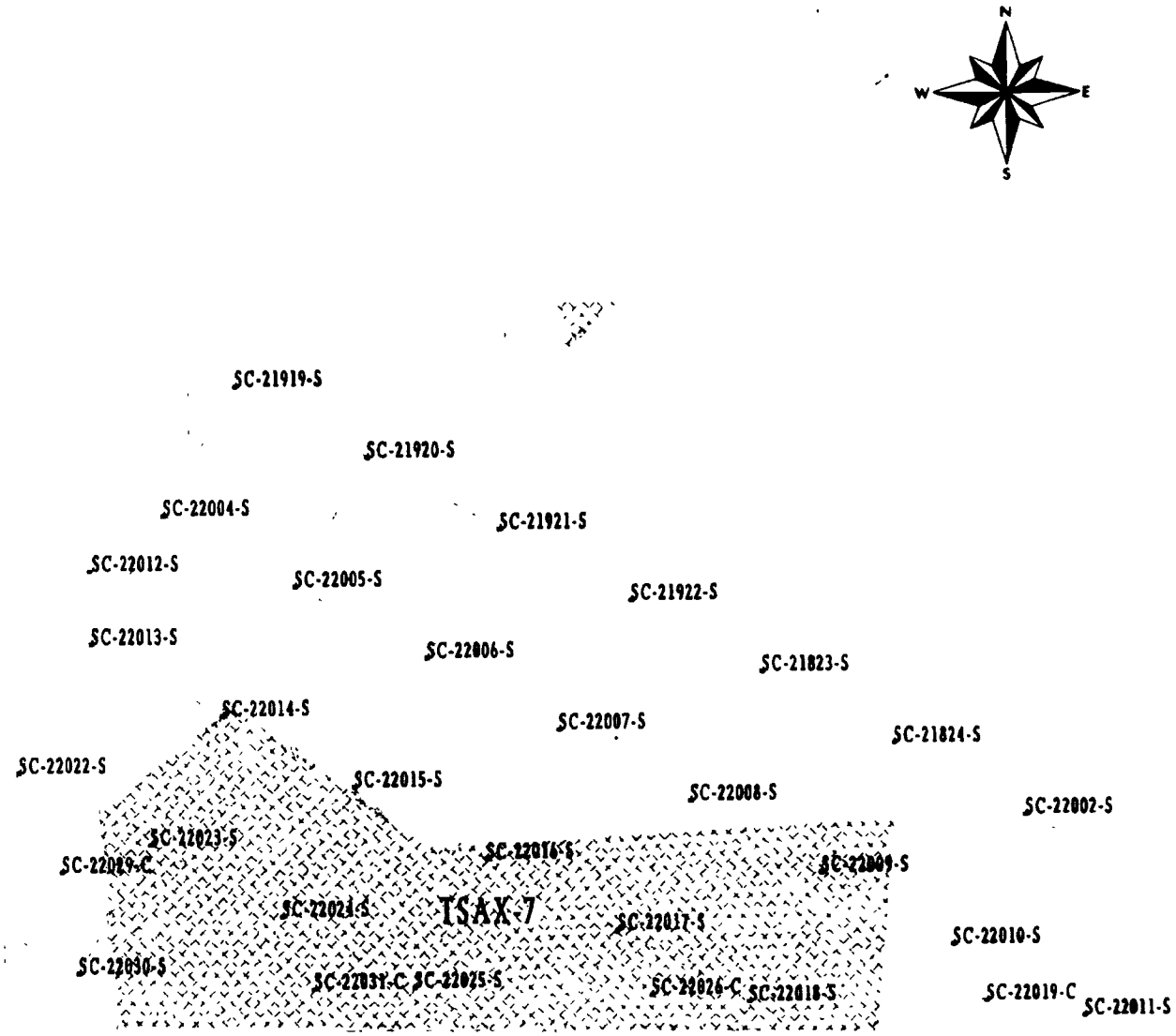
ORISE ACTION - *ORISE collected three unbiased soil samples; one at approx. 25 ft. southeast of SC-21919-S, one at approx. 25 ft. southeast of SC-21922-S, and one at approx. 25 ft. southeast of SC-22009-S. All results are below ALARA.*

ALARA COMMITTEE ACTION - *None*

CU SUMMARY DATA

Ra-226	25	0.18 - 1.48	1.13	5	6.2	0	0
Ra-228	25	0.16 - 1.4	0.81	5	6.2	0	0
Total Radium	25	0.36 - 2.79	1.94	5	6.2	0	0
Th-230	25	0.92 - 1.62	1.27	5	6.2	0	0
Th-232	25	0.16 - 1.4	0.83	5	6.2	0	0
U-238	31	0.78 - 34	2.57	30	120	1	0

NOTE: Radiological contaminants are listed in pCi/g.



150 75 0 150 FEET

50 25 0 50 METERS

Sample Locations in Remedial Unit RU022 Confirmation Unit CU220

Figure: 4-32

REPORT NO.: DOE/OR/21548-914		EXHIBIT NO :	
ORIGINATOR: MGL	DRAWN BY: LGE	DATE 03/19/02	

5. DATA EVALUATION

Work Package-437 (WP-437) final analytical data were evaluated to determine whether data quality objectives developed for the Weldon Spring Site Remedial Action Project (WSSRAP) were met and to ensure that overall data quality results were generated from these remedial activities. The data were evaluated in accordance with the *Project Management Contractor Quality Assurance Program* (Ref. 5) and the *Environmental Quality Assurance Project Plan* (Ref. 6). The data evaluation process was completed by data verification, data review, data validation, and data management activities as stated in the *Chemical Plant Area Cleanup Area Attainment Confirmation Plan* (Ref. 3).

5.1 Data Verification

Data verification was conducted in accordance with ES&H 4.9.1, *Environmental Monitoring Data Verification*, to ensure that documentation and data were reported in compliance with established reporting requirements and standard operating procedures (SOPs), and to ensure that all analyses were performed. All analytical results received from the laboratory were reviewed to verify that samples were properly handled according to WSSRAP protocol. The following factors were reviewed and evaluated: sample identification, chain of custody, holding times, sample preservation requirements, sample analysis request forms, data reviews, laboratory tracking, data reporting requirements, and the database transfer.

5.2 Data Review

Data packages were reviewed to ensure that final data were properly identified, analyzed, reported, and that they met data quality requirements (DQRs). The data were also reviewed to check for inconsistencies with the field quality control (QC) samples. Final analytical results were also compared to the preliminary results to identify any changes in data.

During confirmation of WP-437 areas, which included RU022, soil samples were obtained in accordance with the details provided in the *Confirmation Sampling Plan Details for the Disposal Cell Facility (WP-437)* (Ref. 2). This plan indicates that quality control samples were to be taken at a frequency of 1 per 20 samples or 5%. The quality control samples collected included duplicates, field replicates, secondary duplicates, matrix spikes/matrix spike duplicates, and equipment blanks. Since the 5% requirement was based on all WP-437 confirmation sampling, the quality control data will be discussed in a separate report entitled *WP-437 Confirmation Quality Control Results Report*.

5.3 Data Validation

Data validation was performed on 10% of all analytical data generated from the confirmation sampling activities. Data validation was conducted in accordance with ES&H 4.9.2, *Environmental Monitoring Data Validation.* Note that the validation of 10% of the data is based upon all confirmation data collected for WP-437, and not 10% of each work zone. The percentage of confirmation validated will be discussed in the *WP-437 Confirmation Quality Control Results Report.*

6. SUMMARY OF CLOSURE REPORT FINDINGS

The Temporary Storage Area (TSA) work zone portion requiring confirmation under WP-437 consisted of the thirty-two confirmation units within RU022. Summary information regarding the remedial activities is presented in Section 4 of this report.

6.1 Data Evaluation

Upon completion of remediation activities, preliminary results were used to complete disposition forms in accordance with ES&H 1.2.1, *Soil Remediation Disposition Process*. Based on the preliminary results, each CU was released when disposition forms were reviewed and signed by authorized project personnel.

6.2 Summary of WP-437 Confirmation Results

Table 6-1 provides a summary of the total number of samples collected and analyzed for each contaminant during remedial activities in RU022. The number of results and the minimum, maximum, and average concentrations are also provided for each contaminant. The table was generated using final data sets compiled from all samples that represented soils left in place.

Table 6-1 Summary Totals for RU022

CONTAMINANT	NO. OF SAMPLES	CONCENTRATION RANGE	AVERAGE CONCENTRATION	SURFACE ALARA	SURFACE CRITERIA	RESULTS > ALARA
As (mg/kg)	422	2.4 - 30.3	8.15	45	75	0
Cr (mg/kg)	359	5.3 - 39	17.81	90	110	0
Pb (mg/kg)	361	5.7 - 86.7	13.50	240	450	0
Tl (mg/kg)	5	0.39 - 0.96	0.51	16	20	0
PAH (mg/kg)	326	0.03 - 1.04	0.73	0.44	5.60	1
PCB (mg/kg)	190	0.05 - 0.57	0.07	0.65	8.00	0
TNT (mg/kg)	238	0.003 - 0.18	0.06	14	140	0
Ra-226 (pCi/g)	464	0.18 - 4.77	0.94	5.00	6.20	0
Ra-228 (pCi/g)	468	0.16 - 2.01	0.90	5.00	6.20	0
Total Radium* (pCi/g)	468	0.36 - 6.22	1.84	5.00	6.20	1
Th-230 (pCi/g)	470	0.73 - 7.06	1.70	5.00	6.20	12
Th-232 (pCi/g)	468	0.16 - 2.06	0.92	5.00	6.20	0
U-238 (pCi/g)	708	0.66 - 34	1.50	30.00	120.00	1

* Total Radium consists of Ra-226 values plus Ra-228 values.

Final analytical results generated from the remedial activities indicated that the RU022 average concentrations for each COC were below the ALARA goal. COC averages are also below ALARA for all CUs in this work zone. All 100 m^2 averages were less than criteria.

6.3 Summary of Chemical Plant Confirmation Results

To meet the requirements of the ROD, more than 50% of the results for each parameter had to be less than the ALARA goal. Table 6-2 summarizes the cumulative results to date.

Table 6-2 Summary Totals for Confirmation

CONTAMINANT	NO. OF SAMPLES	MINIMUM CONCENTRATION	MAXIMUM CONCENTRATION	AVERAGE CONCENTRATION	RESULTS > ALARA
Arsenic (mg/kg)	2744	0.48	123	8.23	1
Chromium (mg/kg)	3052	1.4	76.2	17.38	0
Pb (mg/kg)	2652	1.8	817	18.26	8
Thallium (mg/kg)	1067	0.12	20.3	1.80	2
PAH (mg/kg)	2664	0	14.1	0.10	151
PCB (mg/kg)	3111	0	6.4	0.05	47
TNT (mg/kg)	1544	0.003	34	0.15	2
Ra-226 (pCi/g)	6514	0.13	9.43	1.06	5
Ra-228 (pCi/g)	6327	0.16	6.6	1.05	3
Th-230 (pCi/g)	5784	0.09	23.1	1.58	119
Th-232 (pCi/g)	5777	0.16	6.77	1.05	2
Toluene (mg/kg)	4	0.00	3.40	0.85	0
U-238 (pCi/g)	8636	0.21	228	2 99	78

NOTE This table contains summary results from cumulative confirmation including WP-253, WP-399, WP-420, WP-458, WP-461, WP-471, WP-437 (RU015, RU016, RU017, RU018, RU019, RU020, RU021, RU022, RU023, and RU025), and WP-551/Task D (RU026).

6.4 Comparison of Standard Deviations

This section compares the estimated standard deviations calculated following U. S. Environmental Protection Agency (EPA) guidance with deviations calculated using confirmation results. Since there were no existing remediation data available to calculate the standard deviation (sigma), the *Chemical Plant Area Cleanup Area Attainment Confirmation Plan* (Ref. 3) estimated sigma using the range (assuming the average concentration remaining after remediation would not exceed cleanup criteria) divided by six. To determine whether the

specified level of precision was obtained, a comparison was made between the estimated sigma and the calculated sigma using the RU022 results.

The comparison indicated that the specified level of precision (a false positive = 0.05 and a false negative = 0.20) had been obtained. With the exception of Th-230, all of the calculations were less than estimated sigmas, indicating that the minimum specified precision was met. Table 6-3 presents the estimated sigma and calculated sigmas for each COC.

Both the RU022 calculated sigma and the cumulative sigma for Th-230 exceeded the estimated sigma. In the case of RU022 calculated sigma, this is due to one Th-230 hot spot that was left in place in accordance with the *Attainment Plan* (Ref. 3). In the case of cumulative sigma for Th-230, this is a factor of hot spots left in place based upon subsurface criteria in previous CUs. The estimated standard deviation, recalculated for Th-230 using subsurface criteria, was 2.7. The cumulative sigma was less than the estimated subsurface sigma.

Table 6-3 Comparison of Standard Deviations

COC	Estimated Sigma(a)	RU022 Sigma (b)	Cumulative Sigma (c)
Arsenic (mg/kg)	12.5	2.90	4.18
Chromium (mg/kg)	18.3	3.73	4.91
Lead (mg/kg)	75	6.04	26.49
Thallium (mg/kg)	3.3	0.25	1.63
PAH (mg/kg)	0.93	0.06	0.46
PCB (mg/kg)	1.33	0.04	0.30
TNT (ug/g)	23.3	0.06	1.18
Ra-226 (pCi/g)	1.03	0.33	0.45
Ra-228 (pCi/g)	1.03	0.35	0.39
Th-230 (pCi/g)	1.03	1.08	1.18
Th-232 (pCi/g)	1.03	0.36	0.41
U-238 (pCi/g)	20	1.72	6.78

(a) Sigma estimated in the *Attainment Plan* (Ref. 3).
(b) Sigma calculated using only the WP437 (RU022) confirmation results.
(c) Sigma calculated using cumulative confirmation results (WP-253, WP-399, WP-458, WP-461, WP-471, WP-437 (RU015, RU016. RU017, RU018, RU019, RU020, RU021, RU022, RU023, and RU025), and WP-551/Task D (RU026).

7. REFERENCES

1. Department of Energy. *Record of Decision for Remedial Action at the Chemical Plant Area of the Weldon Spring Site*. DOE/OR/21548-376. Oak Ridge Field Office. St. Charles, MO. September 1993.

2. MK-Ferguson and Jacobs Engineering Group. *Confirmation Sampling Plan Details for the Disposal Cell Facility (WP-437)*, Rev 0. DOE/OR/21548-706. Prepared for the U.S. Department of Energy, Oak Ridge Field Office. St. Charles, MO. January 1998.

3. MK-Ferguson and Jacobs Engineering Group. *Chemical Plant Area Cleanup Attainment Confirmation Plan,* Rev. 3. DOE/OR/21548-491. Prepared for the U.S. Department of Energy, Oak Ridge Field Office. St. Charles, MO. December 1995.

4. MK-Ferguson Company. *Temporary Storage Area Work Zone Specifications*, Rev. 8. Specification Document No. 3840-7-437-02302. Prepared for the U.S. Department of Energy Weldon Spring Site Remedial Action Project. St. Charles, MO. August 1996.

5. MK-Ferguson Company and Jacobs Engineering Group. *Project Management Contractor Quality Assurance Program*, Rev. 3. DOE/OR/21548-506. Prepared for the U.S. Department of Energy, Oak Ridge Operations Office. St. Charles, MO. November 2000.

6. MK-Ferguson and Jacobs Engineering Group. *Environmental Quality Assurance Project Plan*, Rev. 5. DOE/OR/21548-352. Prepared for the U.S. Department of Energy, Oak Ridge Field Office. St. Charles, MO. November 2000.

7. Oak Ridge Institute for Science and Education. *Final Verification Survey Plan for the Chemical Plant Area Weldon Spring Site Remedial Action Project, Weldon Spring, Missouri*. Prepared by the Environmental Survey and Site Assessment Program, Energy/Environment Systems Division, for the U. S. Department of Energy. Weldon Spring, Missouri. December 7, 1995.

8. MK-Ferguson and Jacobs Engineering Group. *RCRA Closure Document*, Rev. 0. DOE/OR/21548-774. Prepared for the U.S. Department of Energy, Oak Ridge Field Office. St. Charles, MO. March 1999.

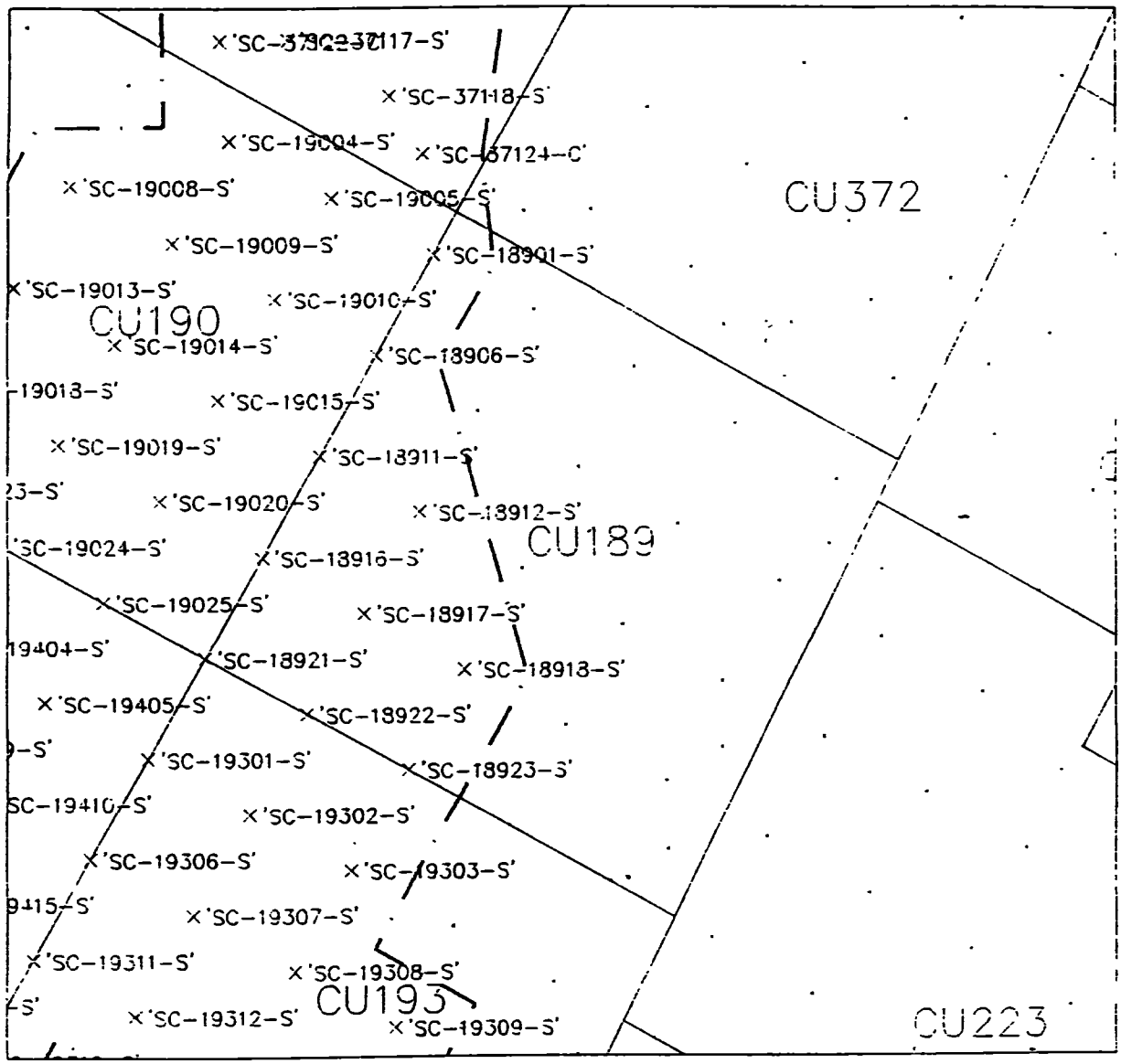
PROCEDURES

ES&H 1.2.1 *Soil Remediation Disposition Process*
ES&H 4.1.1 *Numbering System for Environmental Samples and Sampling Locations*
ES&H 4.4.5 *Soil/Sediment Sampling*
ES&H 4.9.1 *Environmental Monitoring Data Verification*
ES&H 4.9.2 *Environmental Monitoring Data Validation*

ACRONYMS

ALARA	as low as reasonably achievable
CLP	Contract Laboratory Program
COC	contaminant of concern
CPM	counts per minute
CU	confirmation unit
DOE	Department of Energy
DQO	Data Quality Objectives
DQR	Data Quality Requirements
EPA	Environmental Protection Agency
EQAPjP	Environmental Quality Assurance Project Plan
ES&H	Environmental Safety and Health
MDNR	Missouri Department of Natural Resources
NaI	sodium iodide
ORISE	Oak Ridge Institute for Science and Education
PMC	Project Management Contractor
QA	quality assurance
QC	quality control
RCRA	Resource and Conservation Recovery Act
RFS	Request for Survey
ROD	Record of Decision for Remedial Action at the Chemical Plant Area of the Weldon Spring Site
RU	remedial unit
SOP	standard operating procedure
TSA	Temporary Storage Area
WP	work package
WSSRAP	Weldon Spring Site Remedial Action Project

APPENDIX A
Final Walkover Forms



LEGEND

SAMPLE POINTS NOT PINNED

SC-32506-S SAMPLE POINTS PINNED

PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU 189

7-22-99

DHO CAD

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Meter Serial #:	117607	Detector Serial #:	25143
Calibration Due:	12-18-99	Calibration Due:	01-24-00
Survey Date / Time:	07-19-99	Field Bkg.:	12,000 cpm
Surveyor(s):	J. Rankin		
Comments:	All areas surveyed were <1.5 BKG.		

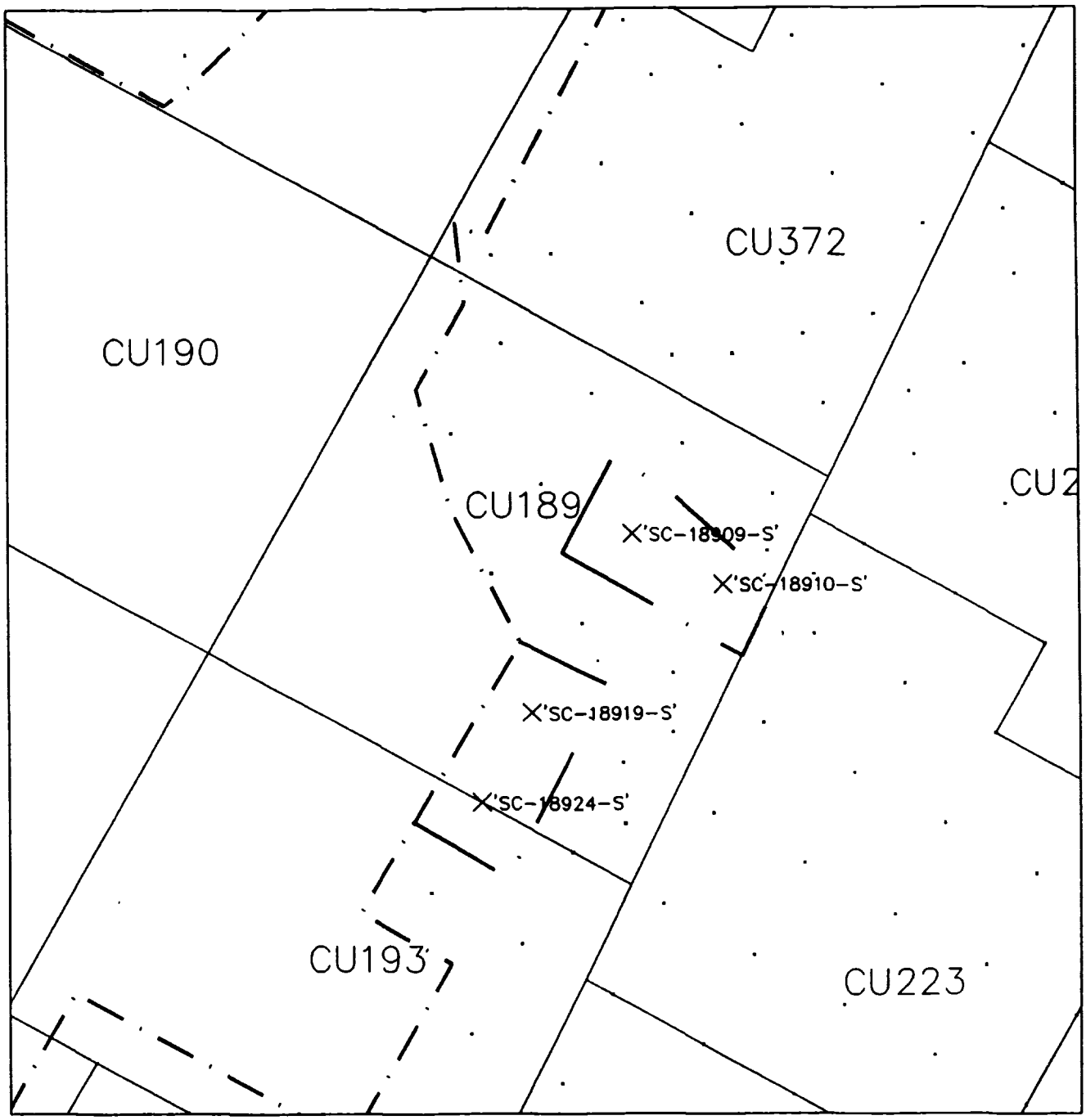
N

GRAPHIC SCALE

50 0 25 50

(IN FEET)

1 inch = 50 ft.



LEGEND

SAMPLE POINTS NOT PINNED

X'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

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GRAPHIC SCALE

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(IN FEET)
1 inch = 50 ft.

Radiation Survey Form WP 437, RU 22 CU 189

10-01-99

DHO CAD

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Meter Serial #:	117607	Detector Serial #:	25143
Calibration Due.	12-18-99	Calibration Due:	01-24-00
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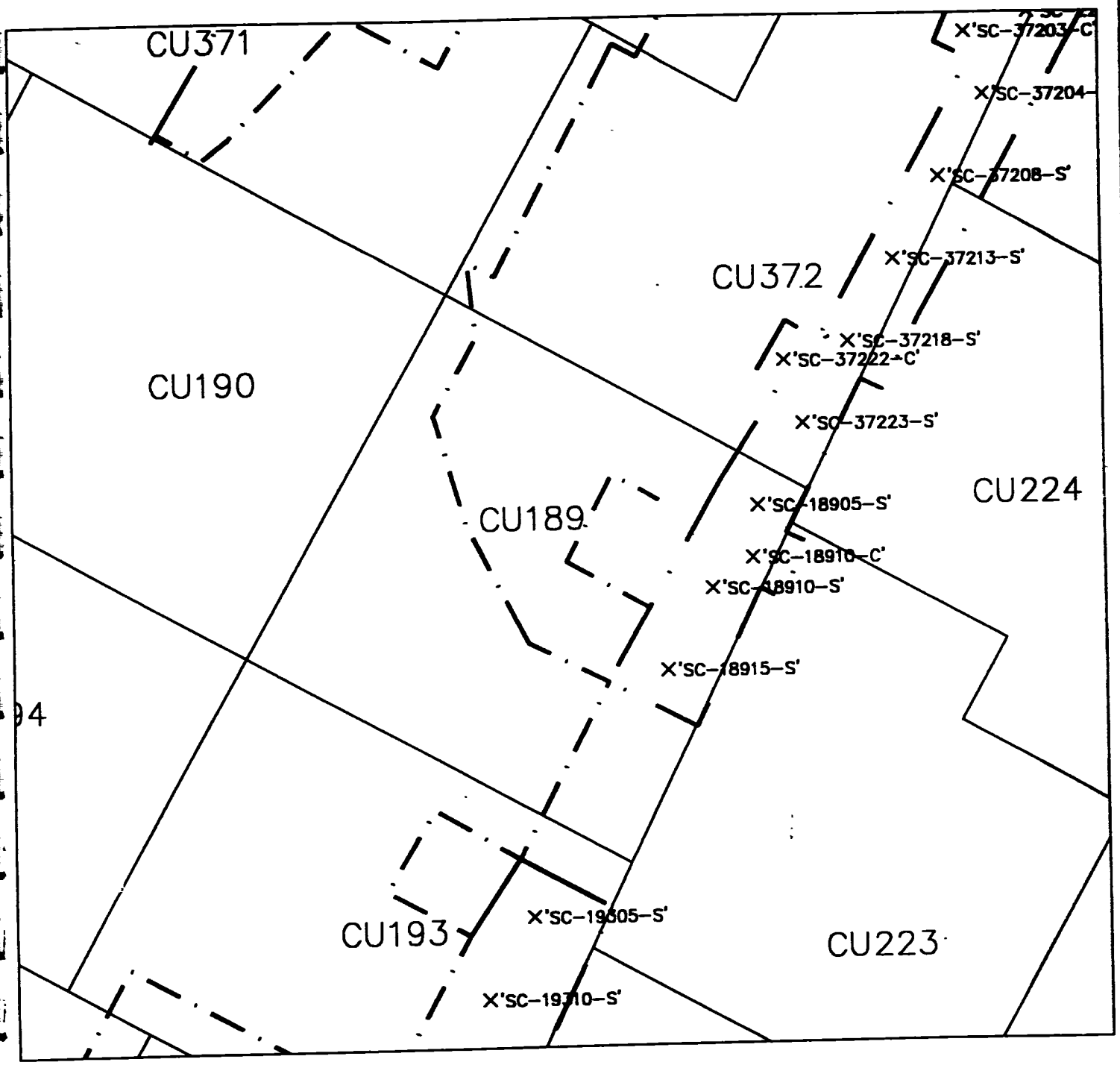
Surveyor(s).	J. Rankin		
Comments:	All areas < 1.5 BKG.		



LEGEND

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PINNING LIMITS

N

GRAPHIC SCALE

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(IN FEET)

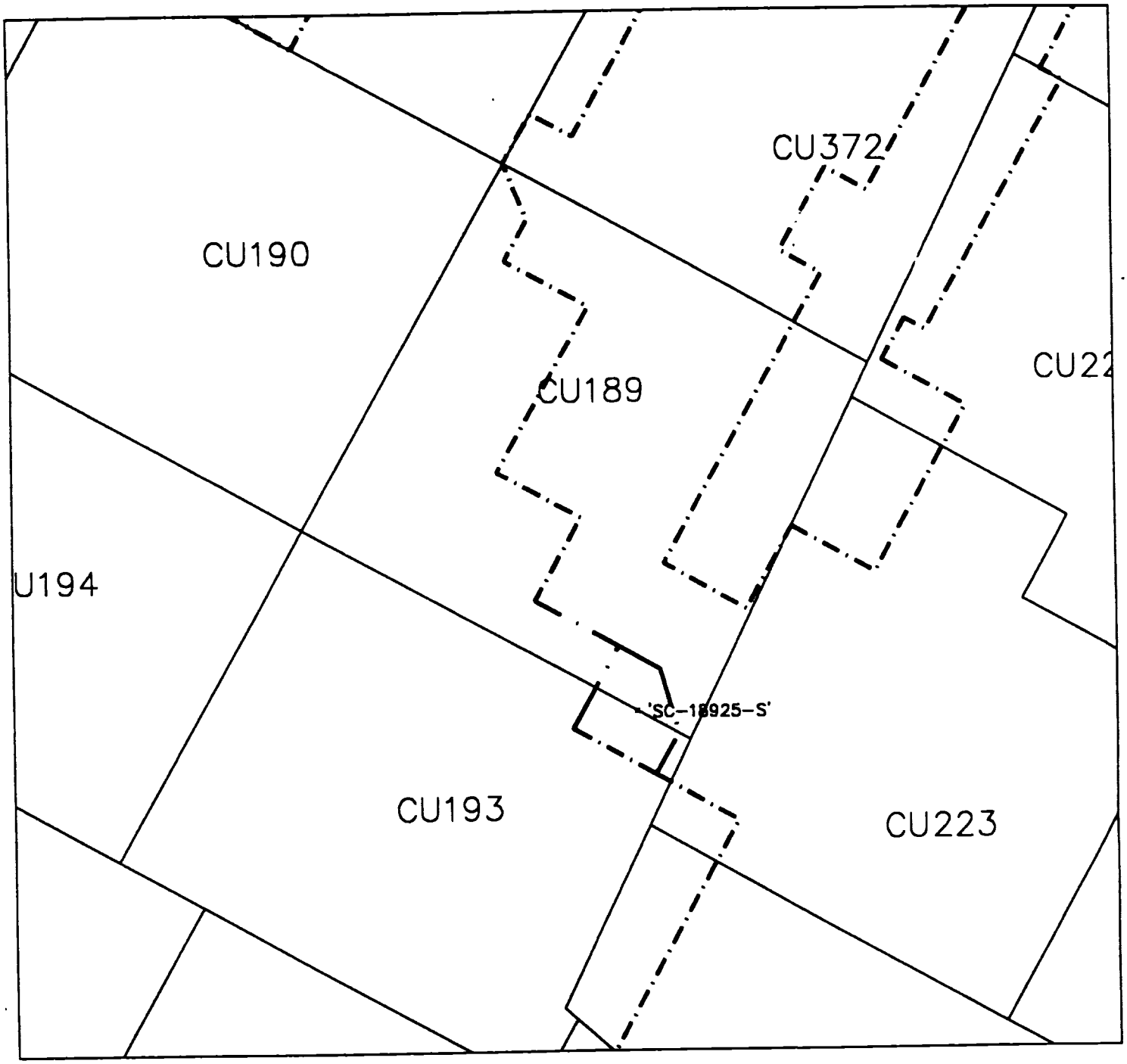
1 inch = 50 ft.

Radiation Survey Form WP 437, RU 22 CU 189

Date Plotted _____ DBD CAD

Meter Model #:	2221	Detector Model #:	2x2 NaI "M"
Meter Serial #:	117617	Detector Serial #:	130764
Calibration Date:	10/13/00	Calibration Date:	9/29/00
Survey Date / Time:	3/30/00	Field Bkg.:	6000 cpm
Surveyor(s):	C. Hanover		

Comments: Area was surveyed and found to be less than 1.5 times background



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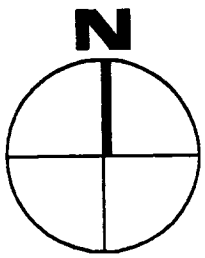
• 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS



Radiation Survey Form WP 437, RU 22 **CU** 189

Date Plotted 5/11/00 DEO CAD

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Meter Serial #:	99158	**Detector Serial #:**	122191
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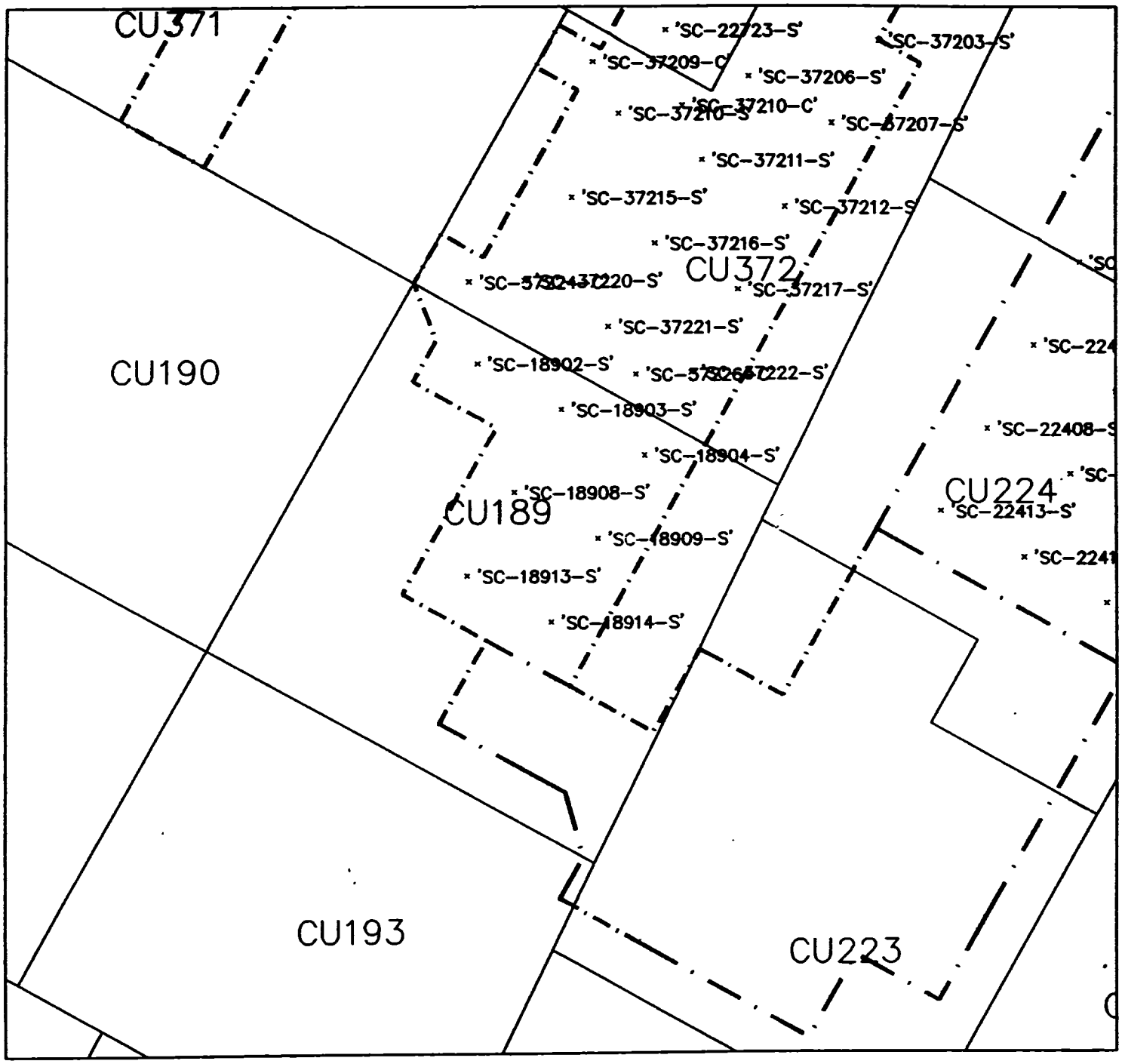
Surveyor(s):	C. Hamner, T. Brown		
Comments:	All readings <1.5 Bkg		



LEGEND

'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

N

Radiation Survey Form WP 437, RU 22 CU 189

Date Plotted 6/2/00

DBO CAD

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Meter Serial #:	154199	Detector Serial #:	17606
Calibration Due:	2/09/01	Calibration Due:	1/21/01
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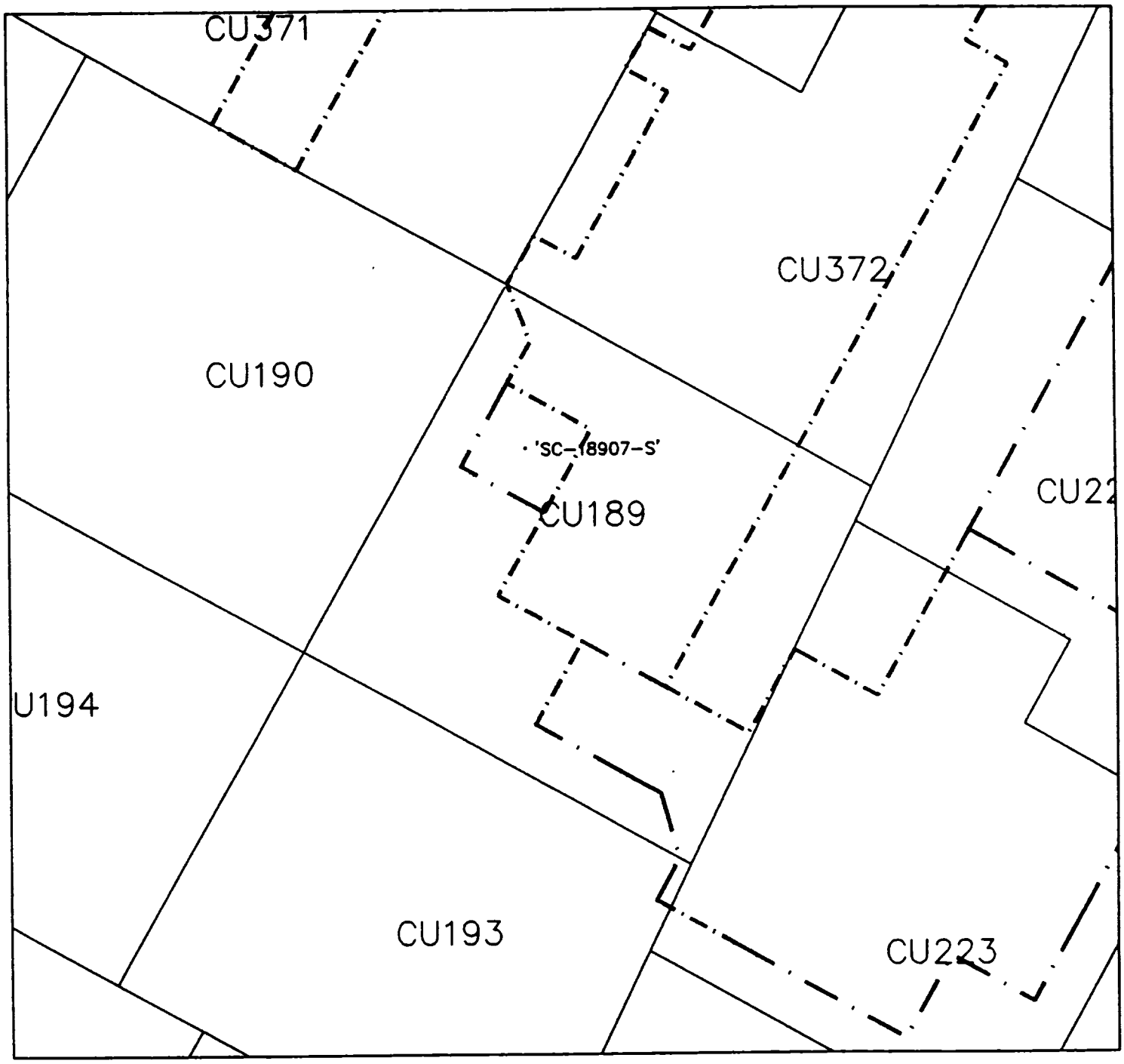
Surveyor(s):	C. Henner		

Comments: Area was surveyed and found to be less than 1.5 times background



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PINNING LIMITS

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Radiation Survey Form WP 437, RU 22 CU 189

Date Plotted 6/3/00 DEO CAD

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Calibration Due:	2/09/01	Calibration Due:	1/21/01
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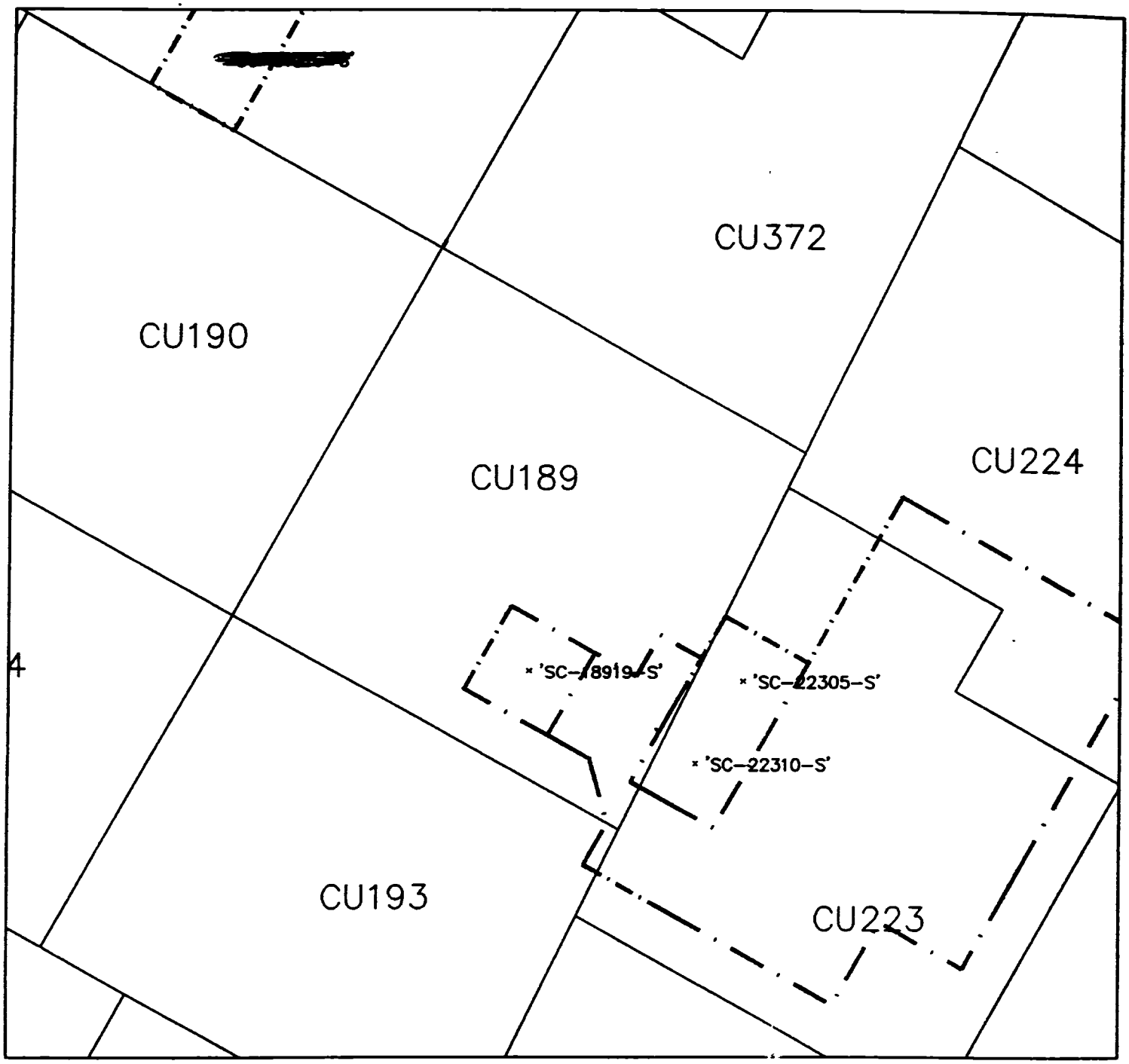
Surveyor(s):	C. Hooper		

Comments: Area was surveyed and found to be less than 1.5 times background



LEGEND

· 'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

N

Radiation Survey Form WP 437, RU 22 CU 189

Date Plotted 6/5/00

DBO CAD

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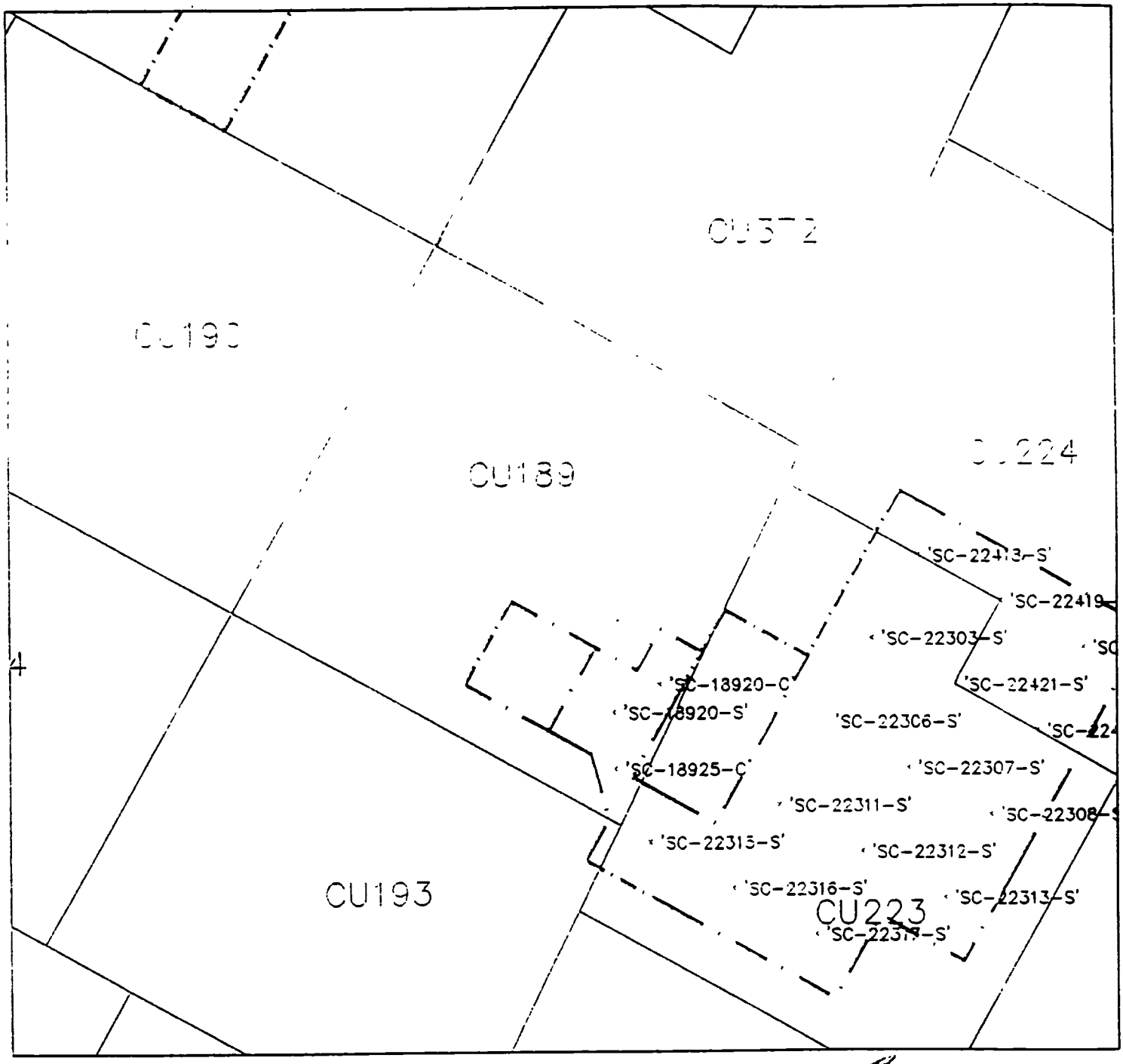
Meter Serial #:	154199	Detector Serial #:	17606
Calibration Due:	2/on/01	Calibration Due:	1/21/01
Survey Date / Time:	6/7/00	Field Bkg.:	12,000 cpm
Surveyor(s):	C. Hemer		

Comments: Area was surveyed and found to be less than 1.5 times background



LEGEND

'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

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Radiation Survey Form WP 437, RU 222 CU 189

Date Plotted 6/4/00

DHC CAD

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Meter Serial #:	154199	Detector Serial #:	17606
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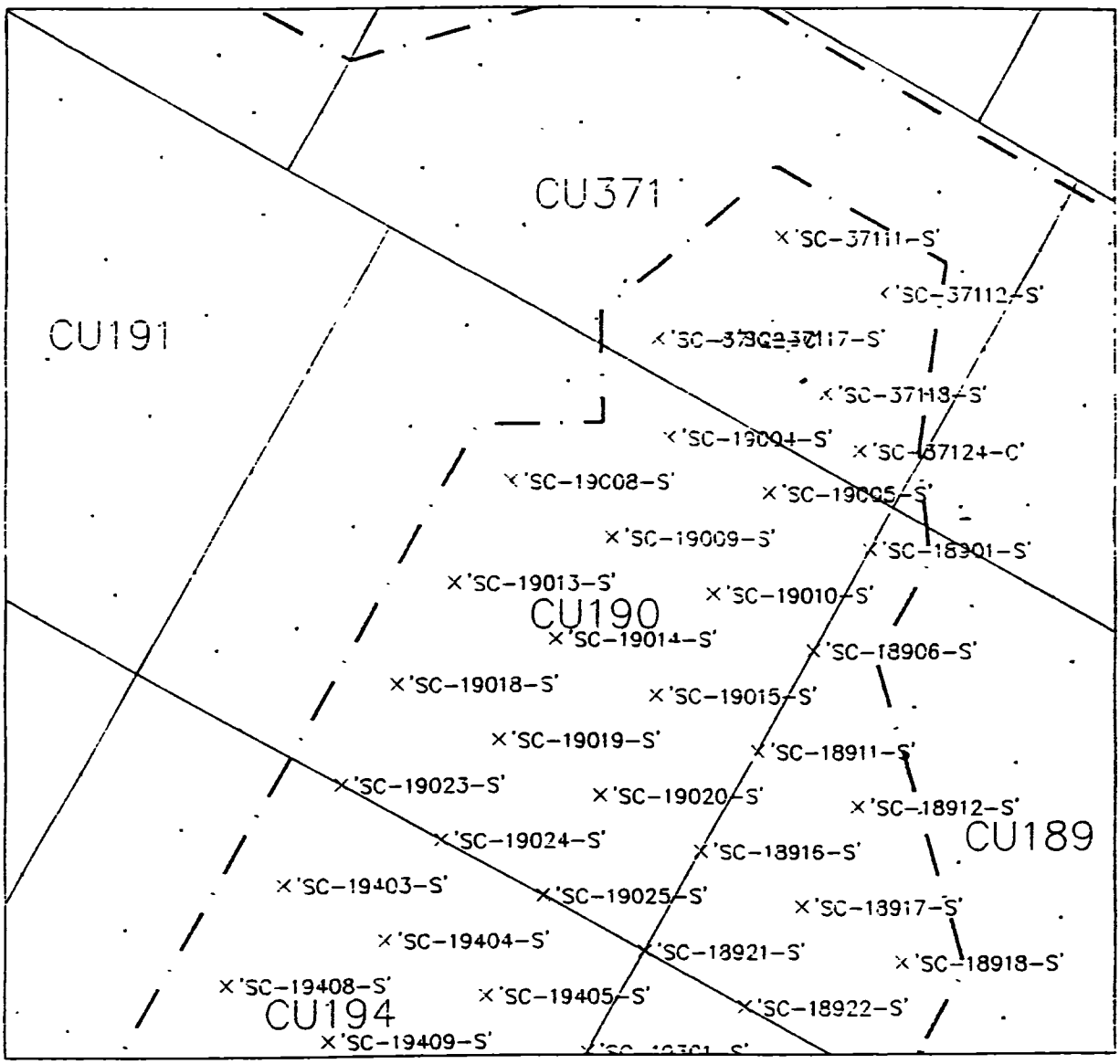
Surveyor(s):	C. Hanner		

Comments: Area was surveyed and found to be less than 1.5 times background



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SAMPLE POINTS NOT PINNED

×'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU 190

7-30-99 DHO CAD

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Survey Date / Time:	07-19-99	Field Bkg.:	12,000 cpm
Surveyor(s):	J. Bankin		
Comments:	All areas surveyed < 1.5 BKG		

N

GRAPHIC SCALE

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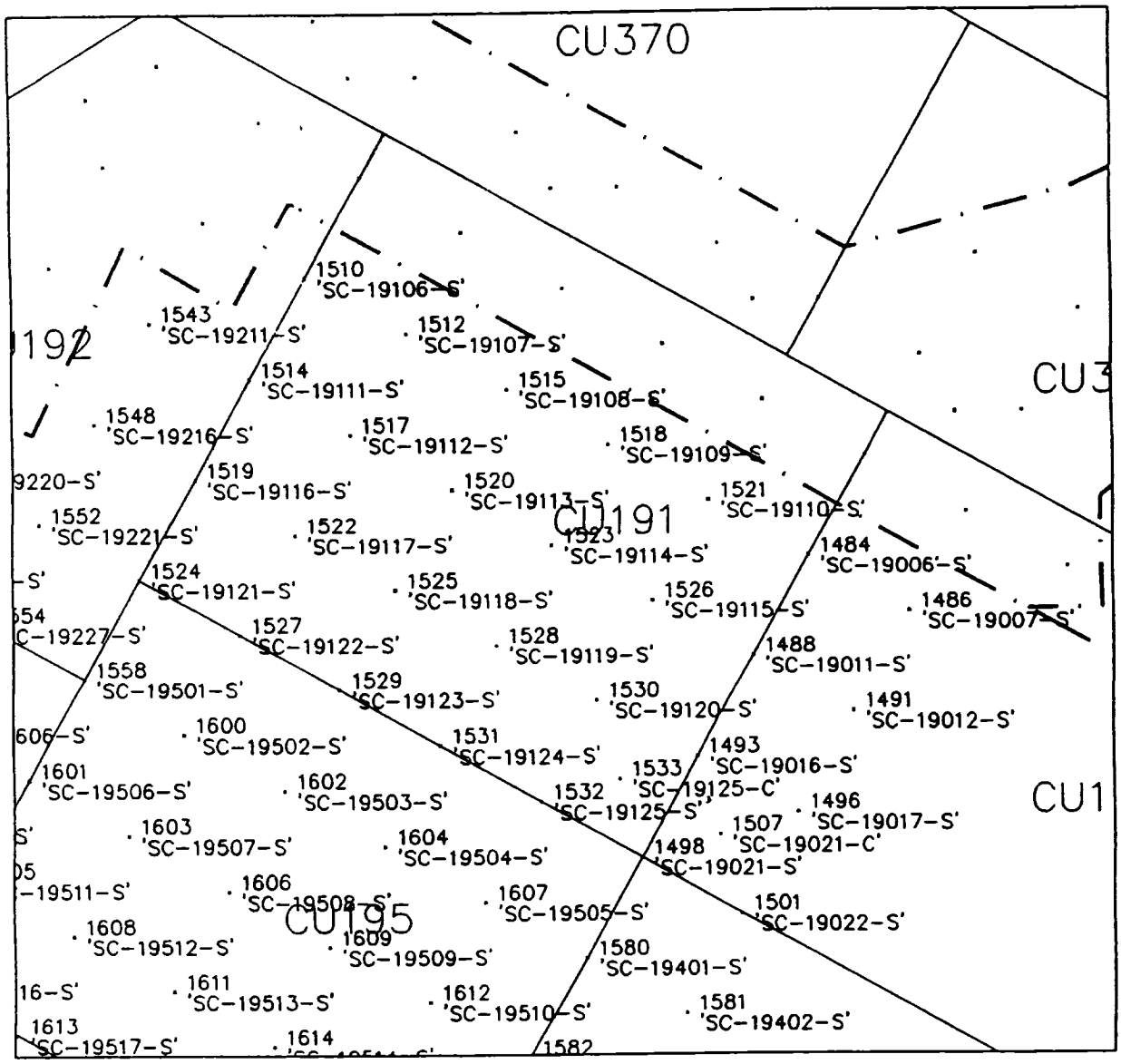
(IN FEET)

1 inch = 50 ft.



LEGEND

SAMPLE POINTS NOT PINNED

×'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU 191 190 DF

7/30/99 DHO CAD

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Meter Serial #:	117607	Detector Serial #:	25143
Calibration Due:	12-18-99	Calibration Due:	01-24-00
Survey Date / Time:	07-20-99	Field Bkg.:	12,000 cpm
Surveyor(s):	J Hamilton		
Comments:	all areas surveyed <1.5 BKG		

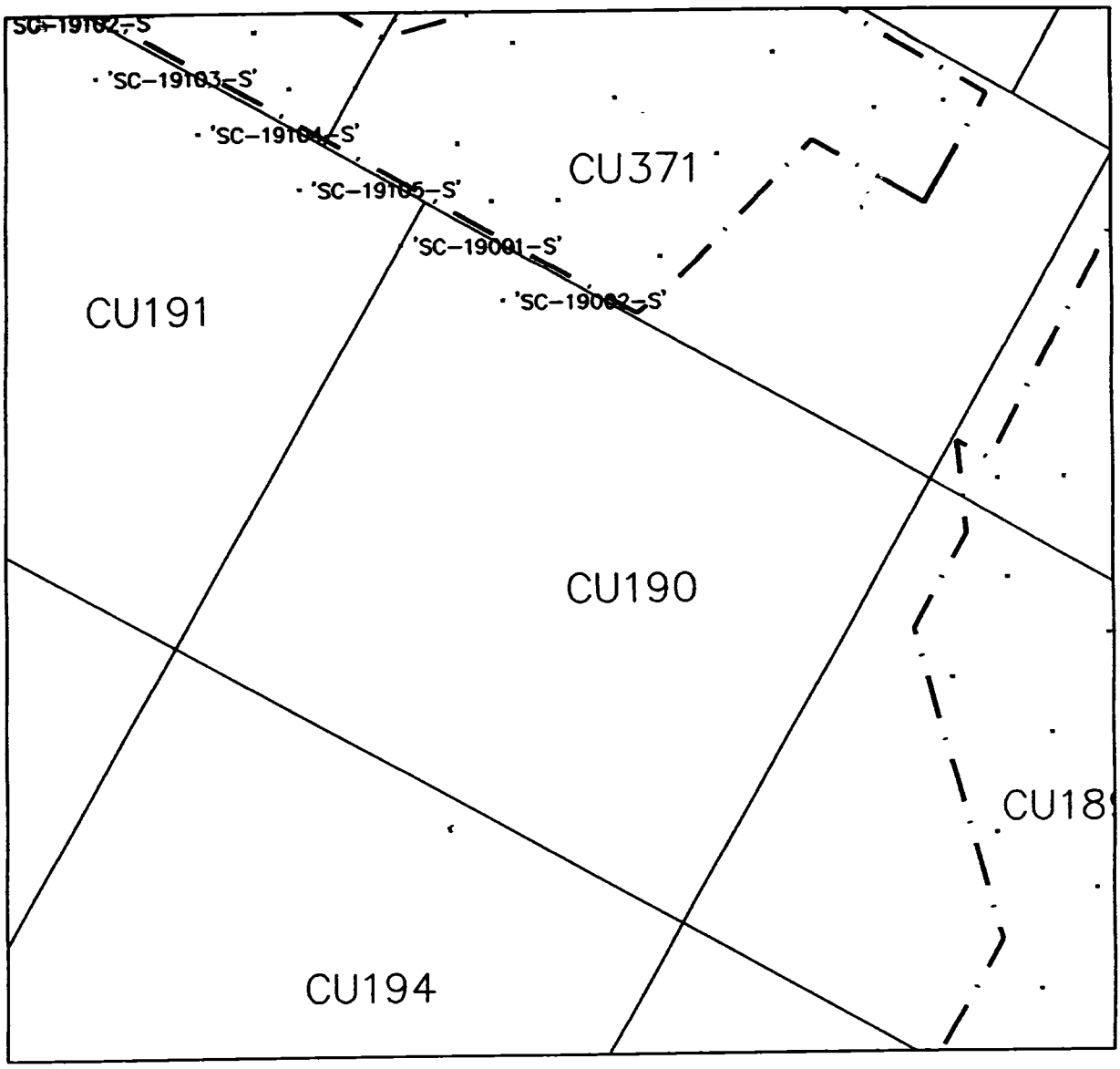
N

GRAPHIC SCALE

50 0 25 50

(IN FEET)

1 inch = 50 ft.



LEGEND

SAMPLE POINTS NOT PINNED

× 'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU 190

8-3-99

DHO CAD

Meter Model #:	2221	Detector Model #:	NaI "2x2"
Meter Serial #:	117607	Detector Serial #:	25143
Calibration Due:	12-18-99	Calibration Due:	01-24-00
Survey Date / Time:	07-23-99	Field Bkg.:	12,000 cpm
Surveyor(s):	J. Rankin		
Comments:	All meas surveyed < 1.5 BKG.		

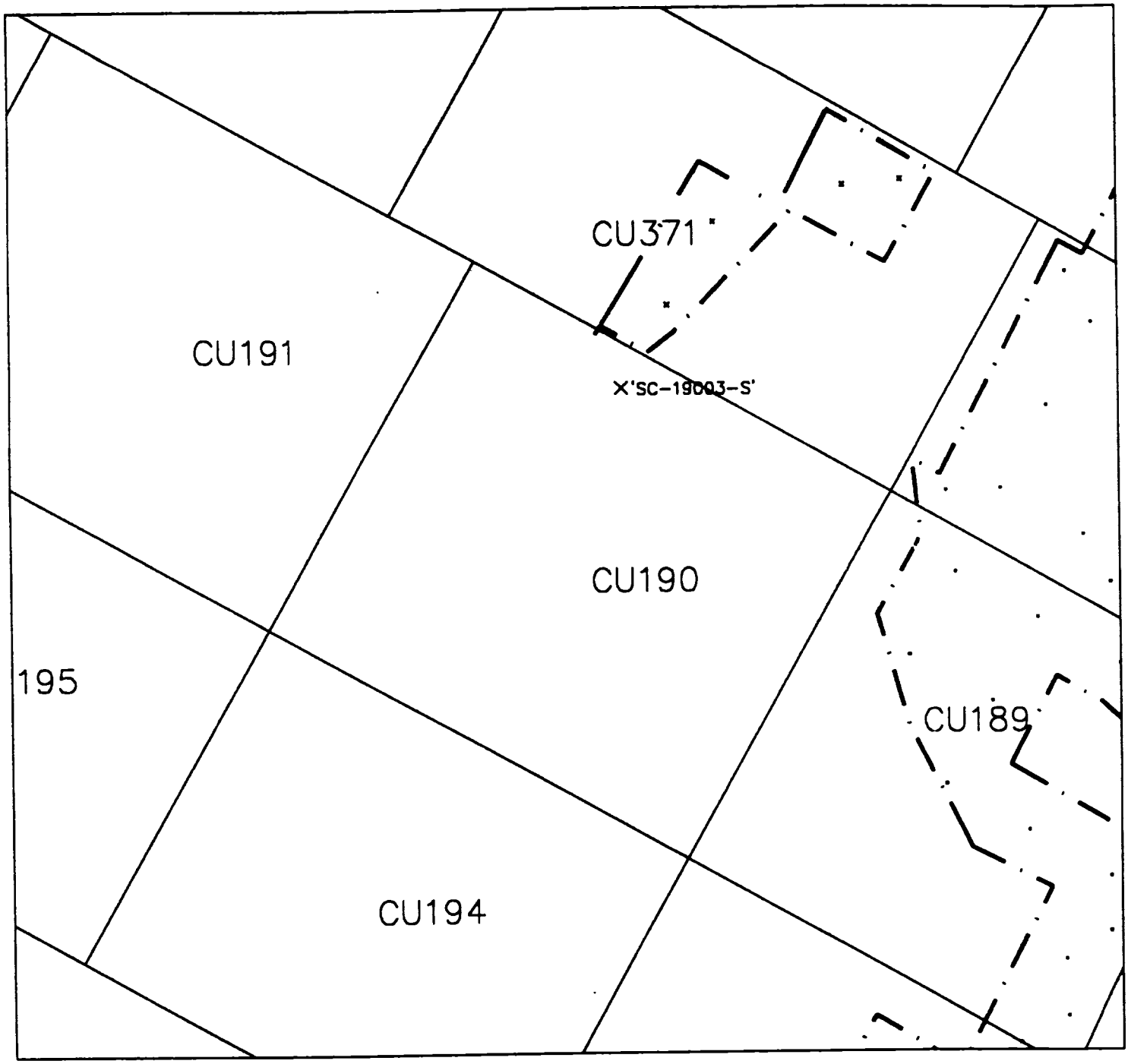
N

GRAPHIC SCALE

50 0 25 50

(IN FEET)

1 inch = 50 ft.



LEGEND

X'SC-32606-S' SAMPLE POINTS NOT PINNED

SAMPLE POINTS PINNED

PINNING LIMITS

N

GRAPHIC SCALE

50 0 25 50

(IN FEET)

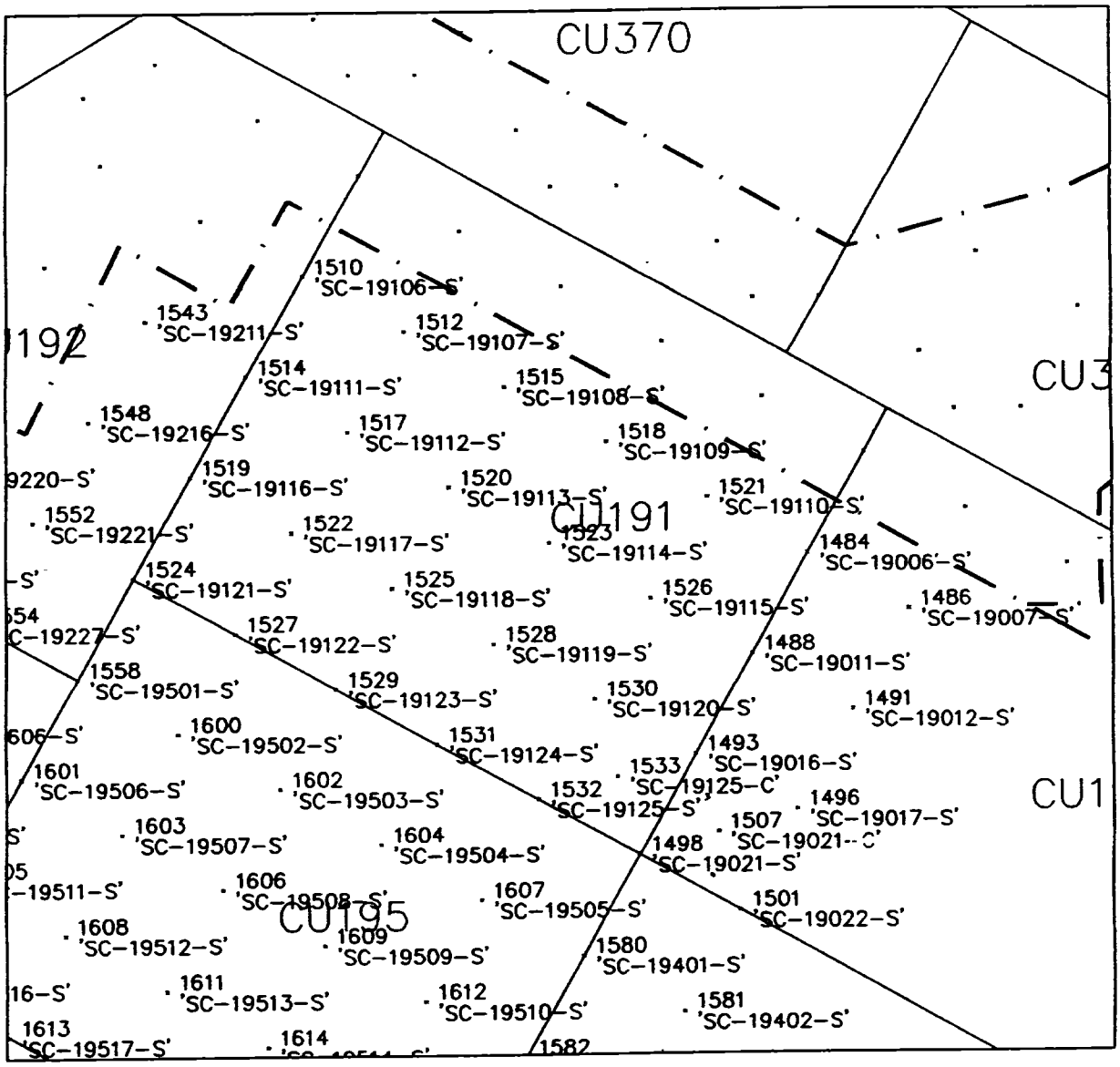
1 inch = 50 ft.

Radiation Survey Form WP 437, RU 22 **CU** 190

11/09/99 DEO CAD

Meter Model #:	2221	Detector Model #:	2+2 "G"
Meter Serial #:	127252	Detector Serial #:	DOE # 4241
Calibration Date:	09-02-00	Calibration Date:	06-04-00
Survey Date / Time:	11-4-99	Field Bkg.:	8,000 cpm
Surveyor(s):	J. Lantz		

Comments: Area was surveyed, and all <15 BKG.



LEGEND

. SAMPLE POINTS NOT PINNED

× 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU 191

7/30/99 DBO CAD

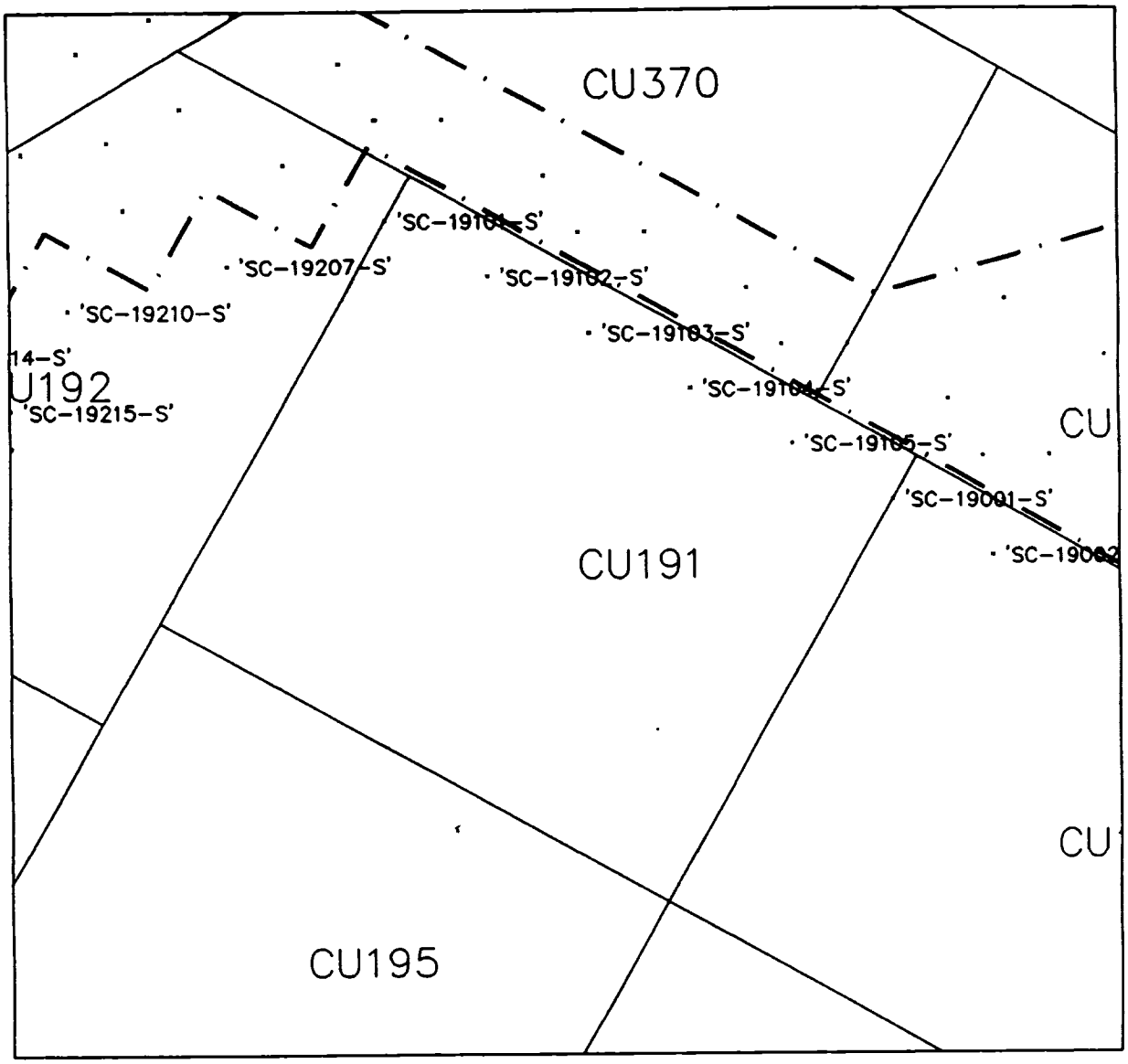
Meter Model #:	2221	Detector Model #:	NaI "2-2"
Meter Serial #:	117607	Detector Serial #:	25143
Calibration Due:	12-18-99	Calibration Due:	01-24-00
Survey Date / Time:	07-20-99	Field Bkg.:	12,000 cpm
Surveyor(s):	J. Hamilton		
Comments:	All areas surveyed <1.5 BKG		

N

GRAPHIC SCALE

50 0 25 50

(IN FEET)
1 inch = 50 ft.



LEGEND

·	SAMPLE POINTS NOT PINNED
×'SC-32606-S'	SAMPLE POINTS PINNED
— · — · —	PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU 191

8-3-99

DBO CAD

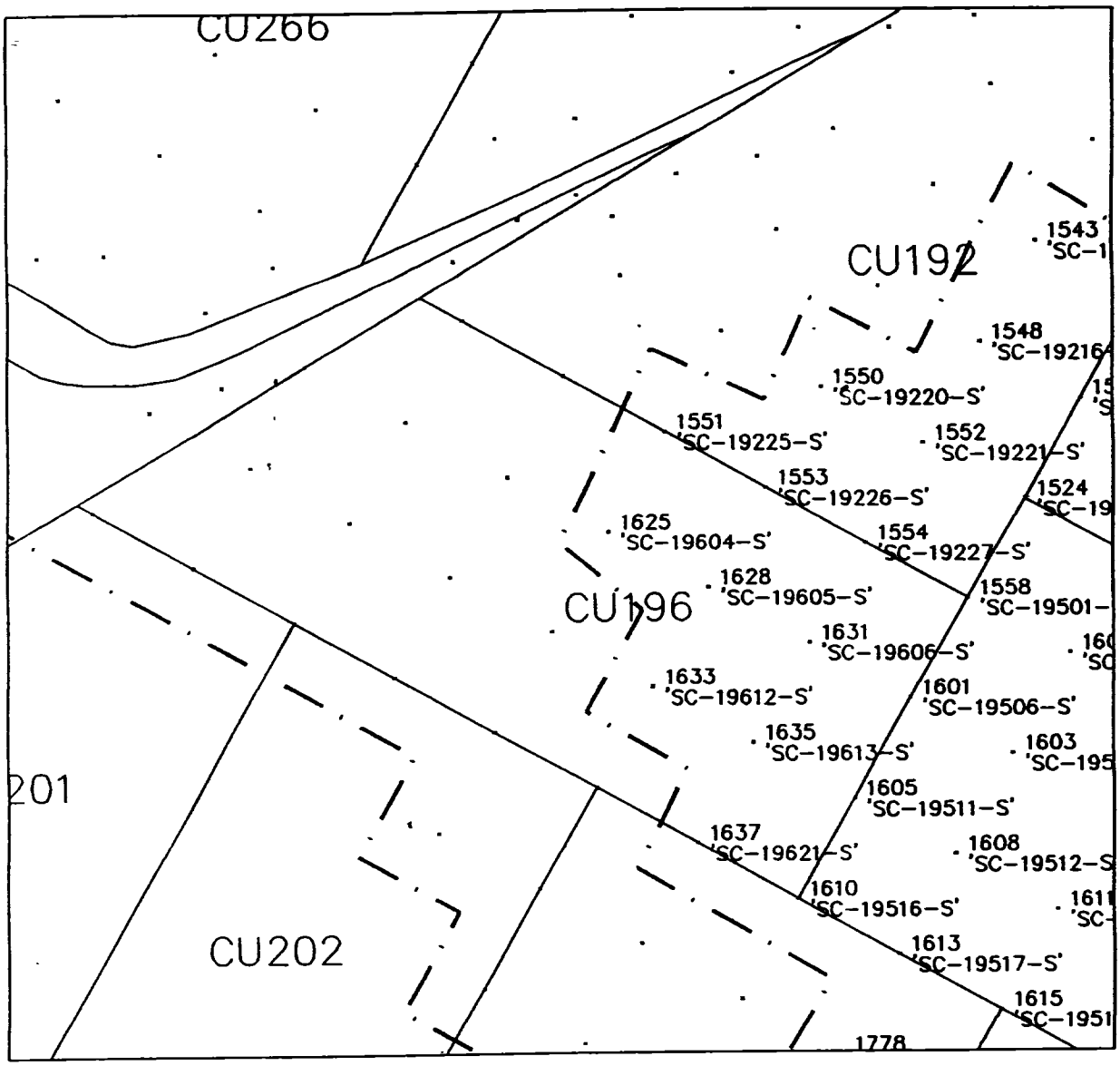
Meter Model #:	2221	Detector Model #:	NaI "2×2"
Meter Serial #:	117607	Detector Serial #:	25143
Calibration Due:	12-18-99	Calibration Due:	01-24-00
Survey Date / Time:	07-23-99	Field Bkg.:	12,000 cpm
Surveyor(s):	J. Rankins		
Comments:	All areas surveyed < 1.5 BKG.		

N

GRAPHIC SCALE

50 0 25 50

(IN FEET)
1 inch = 50 ft.



LEGEND

SAMPLE POINTS NOT PINNED

×'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU 196 (192) (DF)

7/30/99 DHO CAD

Meter Model #:	2221	Detector Model #:	NaI "2×2"
Meter Serial #:	117607	Detector Serial #:	25143
Calibration Due:	12-18-99	Calibration Due:	01-24-00
Survey Date / Time:	07-20-99	Field Bkg.:	12,000 cpm
Surveyor(s):	J. Rankin		
Comments:	All areas surveyed < 1.5 BKG.		

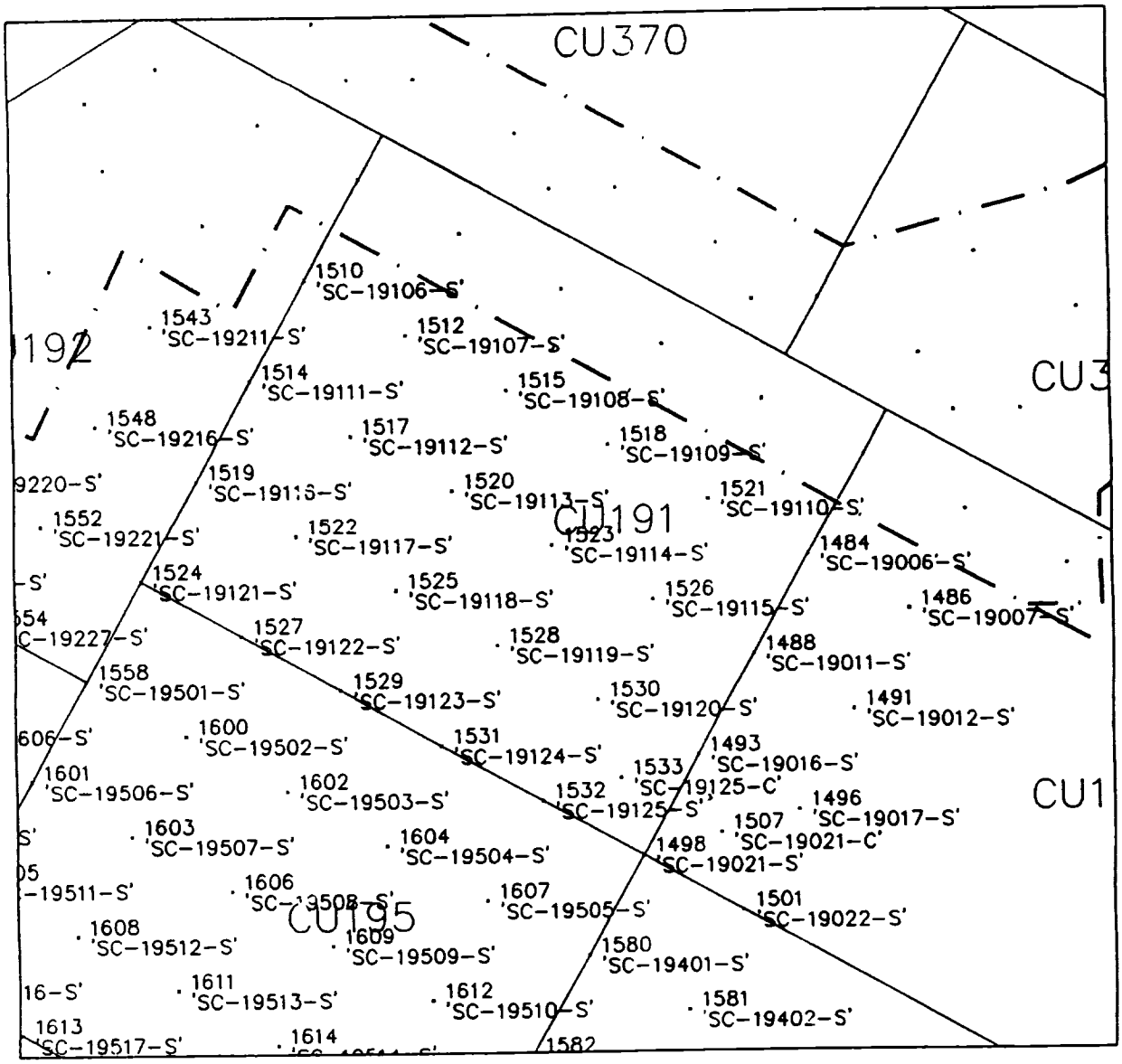
N

GRAPHIC SCALE

50 0 25 50

(IN FEET)

1 inch = 50 ft.



LEGEND

SAMPLE POINTS NOT PINNED

×'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU 191 (192)

7/30/99 DHO CAD

Meter Model #	2221	Detector Model #:	NaI "2-2"
Meter Serial #	117607	Detector Serial #:	25143
Calibration Due	12-18-99	Calibration Due:	01-24-00
Survey Date / Time:	07-20-99	Field Bkg.:	12,000 cpm
Surveyor(s)	J. Hamilton		
Comments	all areas surveyed <1.5 BKG		

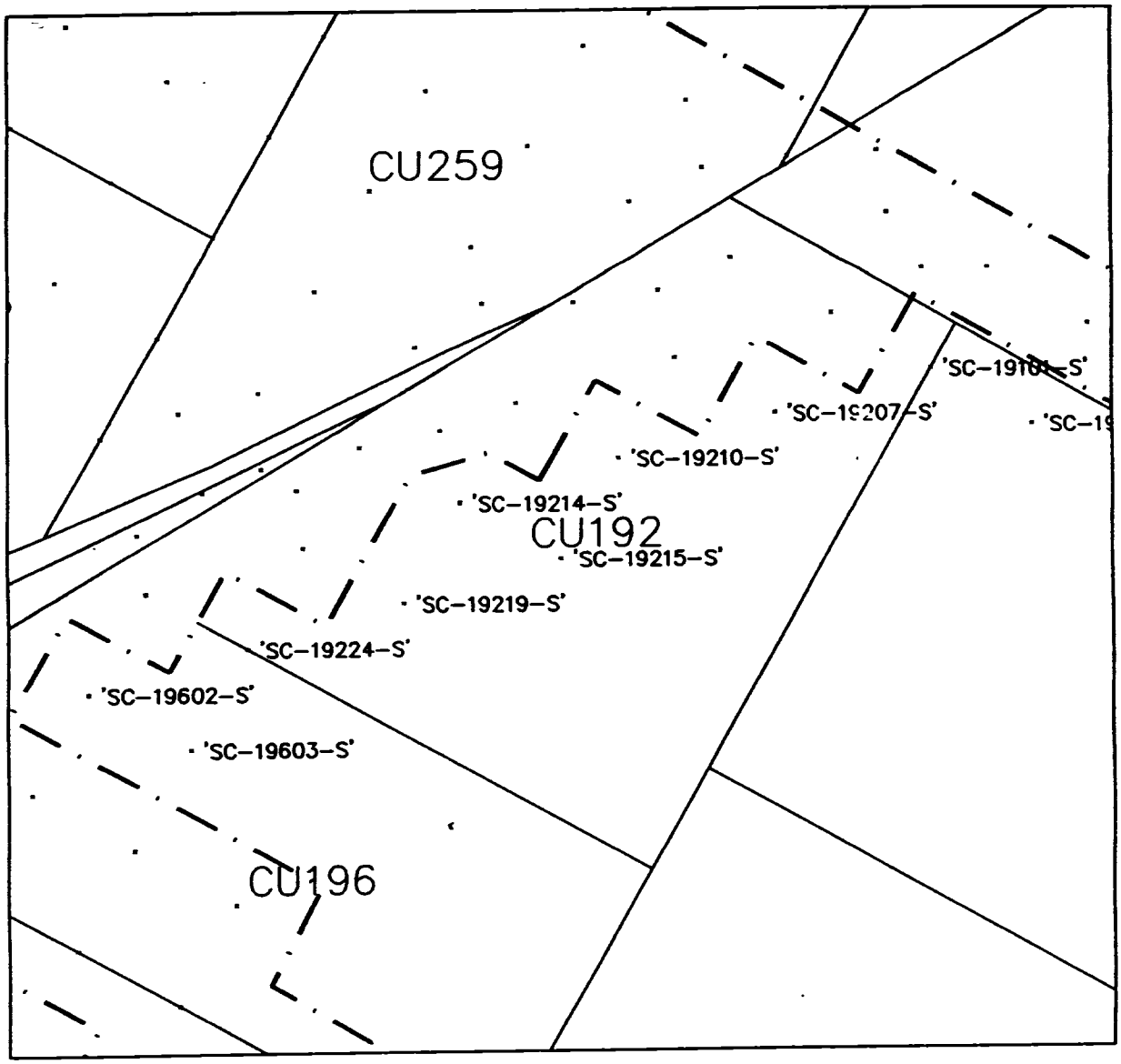
N

GRAPHIC SCALE

50 0 25 50

(IN FEET)

1 inch = 50 ft.



LEGEND

SAMPLE POINTS NOT PINNED

×'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU 192

8-3-99

DBO CAD

Meter Model #:	2221	Detector Model #:	NaI "2x2"
Meter Serial #:	117607	Detector Serial #:	25143
Calibration Due:	12-18-99	Calibration Due:	01-24-00
Survey Date / Time:	07-23-99	Field Bkg.:	12,000 cpm
Surveyor(s):	J. Rankin		
Comments:	All areas surveyed < 1.5 BKG.		

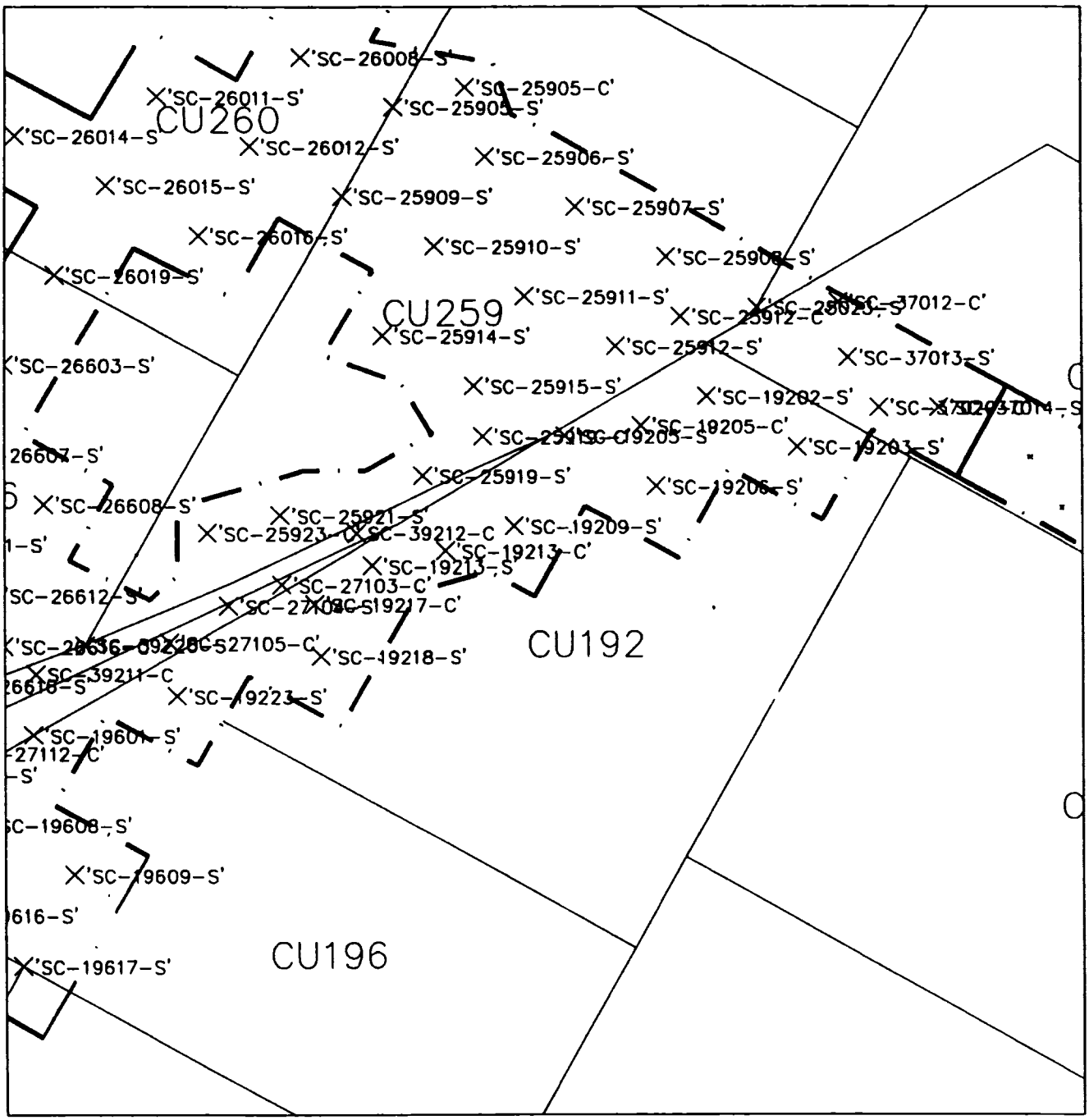
N

GRAPHIC SCALE

50 0 25 50

(IN FEET)

1 inch = 50 ft.



LEGEND

SAMPLE POINTS NOT PINNED

X'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

N

GRAPHIC SCALE

50 0 25 50

(IN FEET)
1 inch = 50 ft.

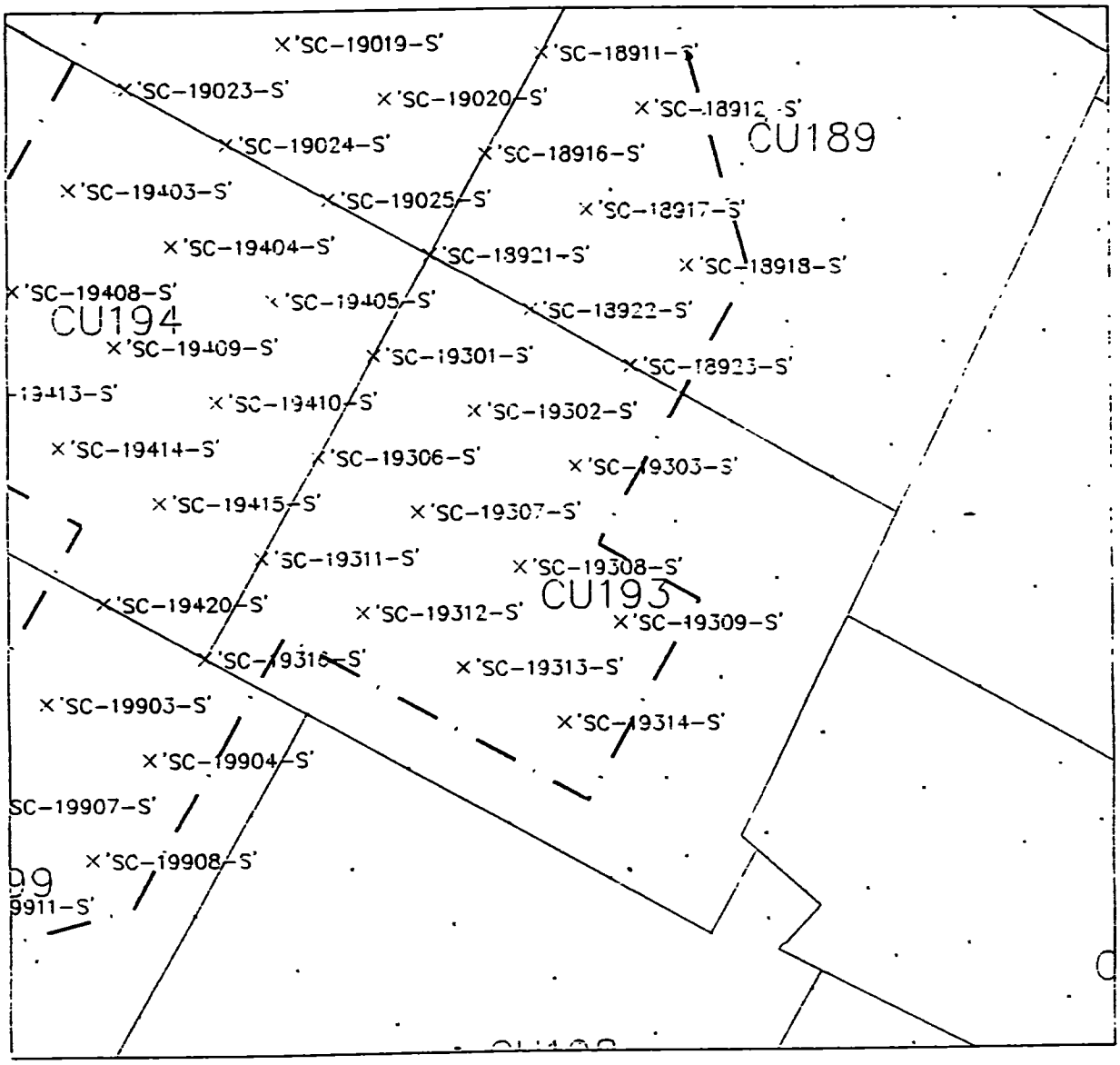
Radiation Survey Form WP 437, RU 22 **CU** 192

10/26/99

DBO CAD

Meter Model #:	2221	Detector Model #:	2x2 NaI "G"
Meter Serial #:	127257	Detector Serial #:	4241
Calibration Date:	9/2/00	Calibration Date:	1/24/00
Survey Date / Time:	10/25/99	Field Bkg.:	5,000 cpm
Surveyor(s):	C. Horner		

Comments: Area was surveyed and found to be less than 1.5 times background



LEGEND

SAMPLE POINTS NOT PINNED

× SC-32606-S SAMPLE POINTS PINNED

PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU 193

7-30-99

DHO CAD

Meter Model #:	2221	Detector Model #:	NaI "2x2"
Meter Serial #:	117607	Detector Serial #:	25143
Calibration Due:	12-18-99	Calibration Due:	01-24-00
Survey Date / Time:	07-18-99	Field Bkg.	12,000 cpm
Surveyor(s):	J. Rankin		
Comments:	All areas surveyed < 1.5 BKG		

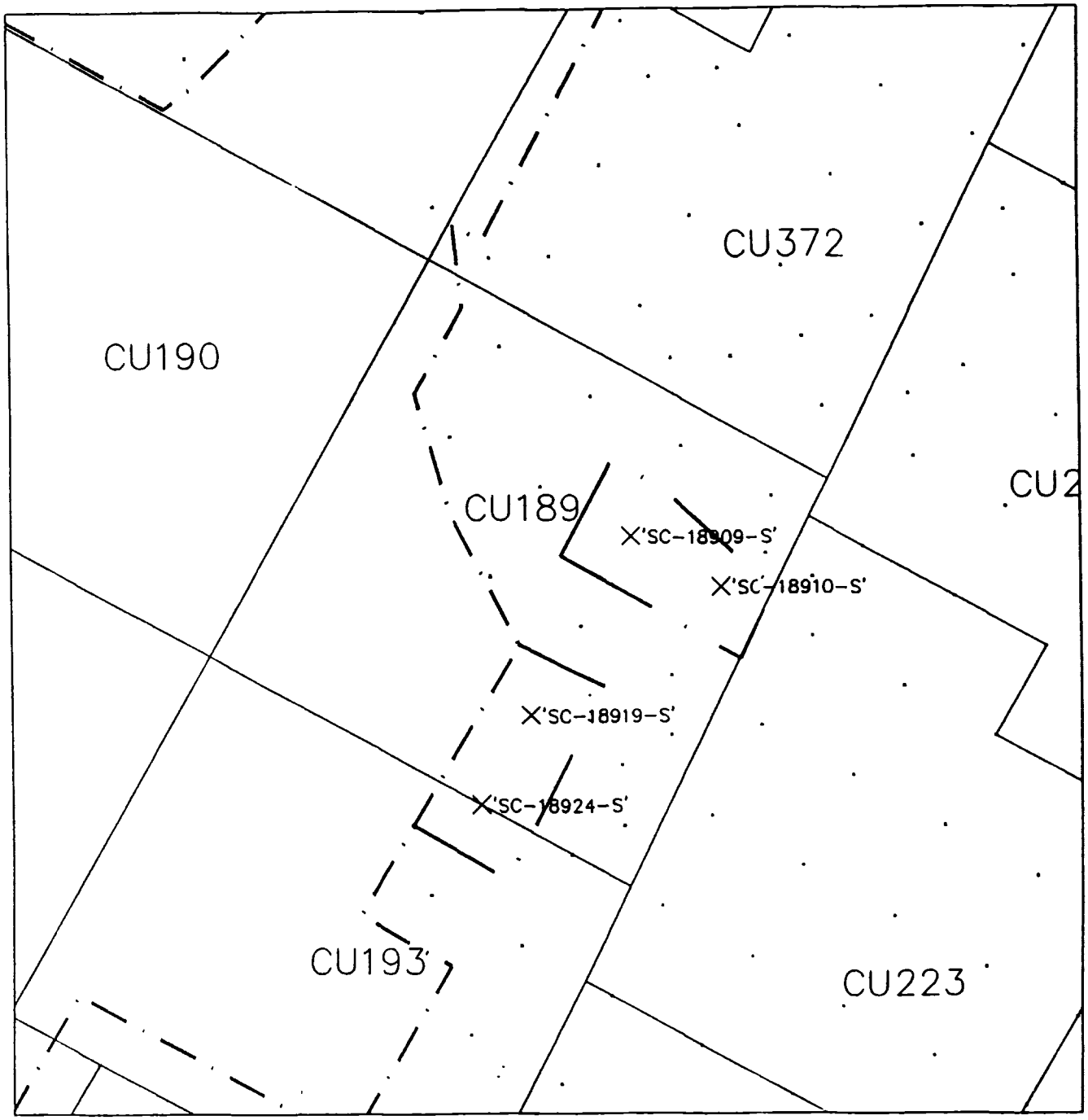
N

GRAPHIC SCALE

50 0 25 50

(IN FEET)

1 inch = 50 ft.



LEGEND :

SAMPLE POINTS NOT PINNED

X'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

N

GRAPHIC SCALE

50 0 25 50

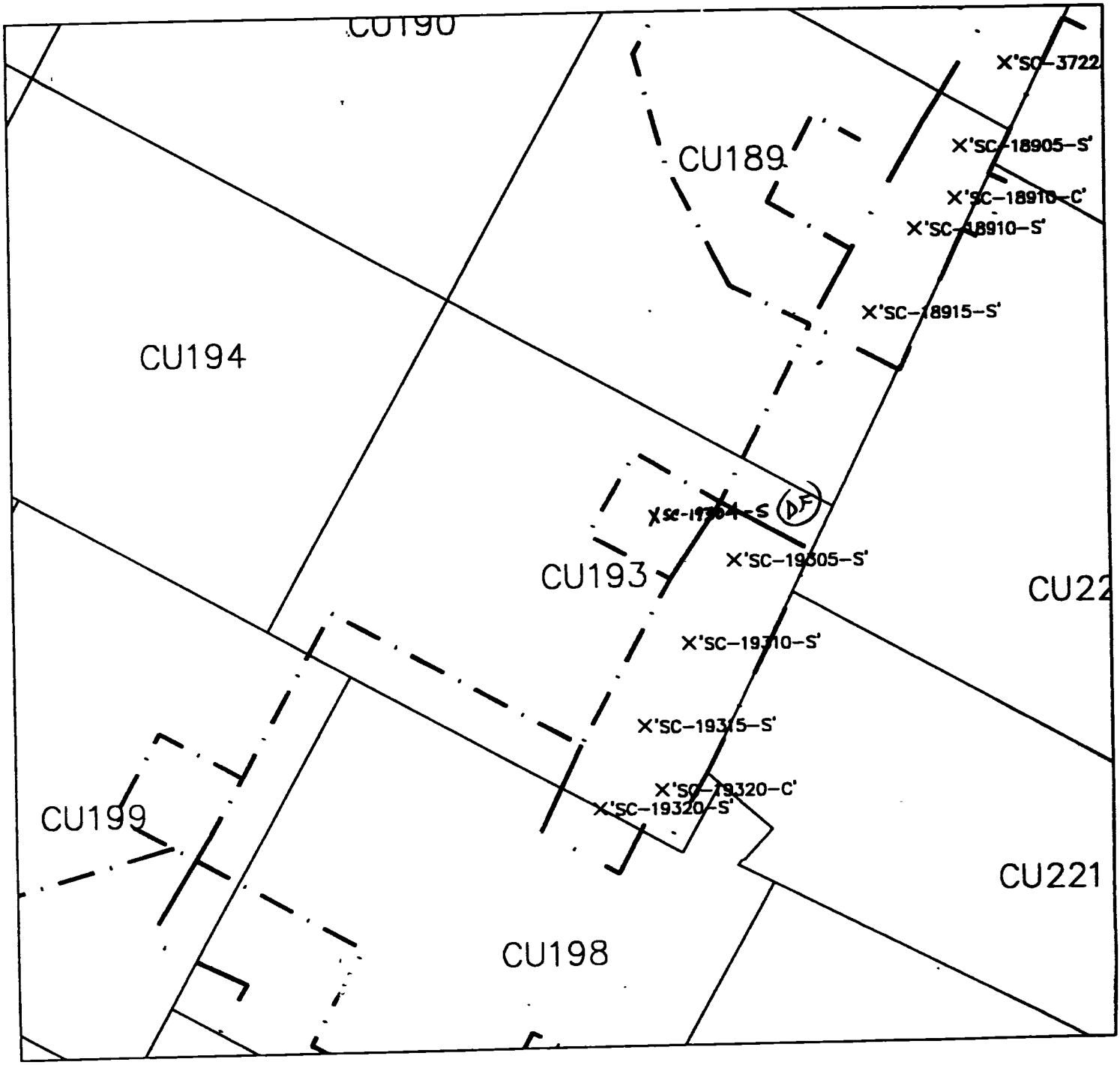
(IN FEET)
1 inch = 50 ft.

Radiation Survey Form WP 437, RU 22 CU ~~189~~ 193 (DF)

10-01-99

DHO CAD

Meter Model # :	2221	Detector Model #:	7.2 "Q"
Meter Serial # :	117607	Detector Serial #:	25143
Calibration Due.	12-18-99	Calibration Due:	01-24-00
Survey Date / Time:	12-29-99	Field Bkg :	12,000 cpm
Surveyor(s):	J. Rankin		
Comments.	All areas < 1.5 BKG.		



LEGEND

• 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

N

GRAPHIC SCALE

50 0 50 100

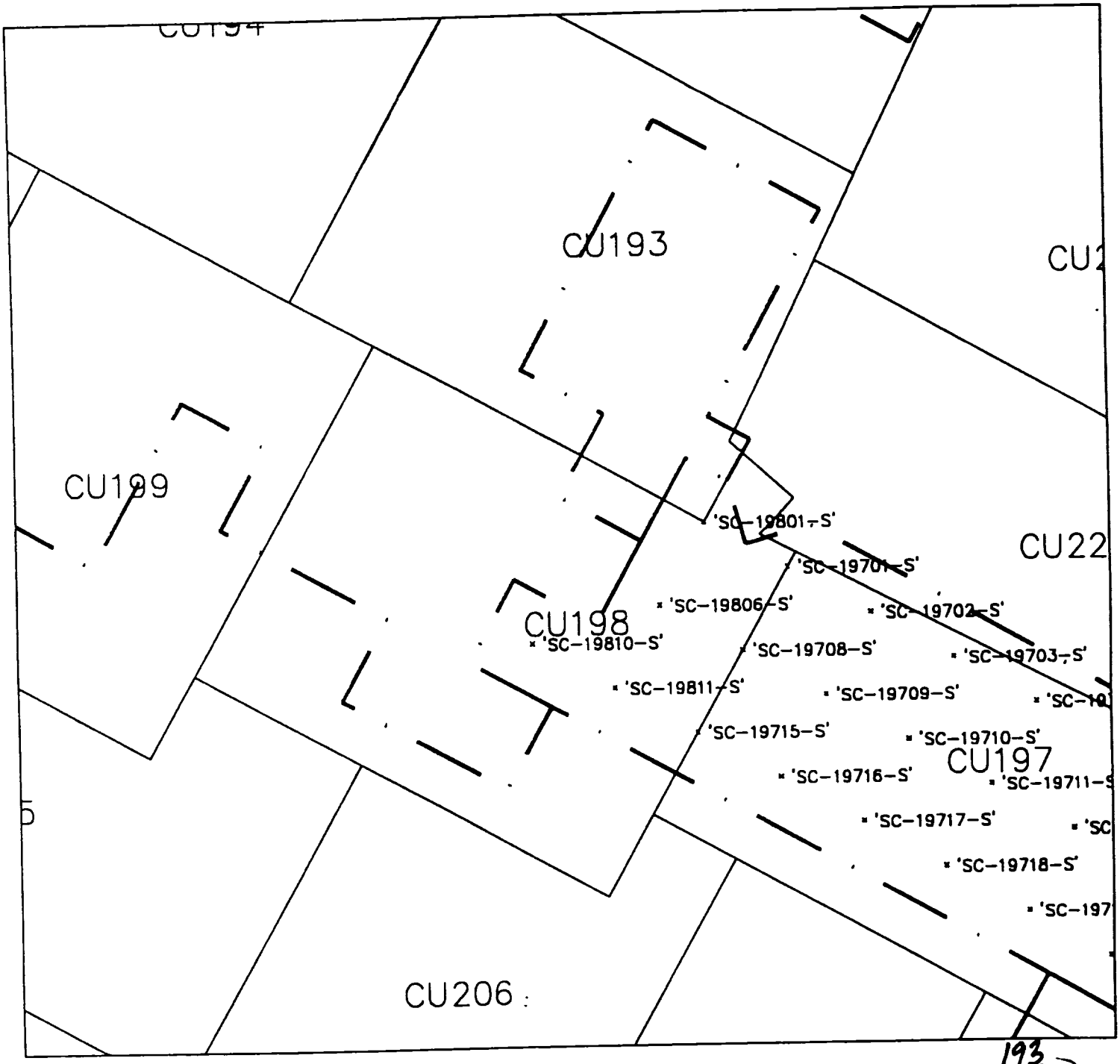
(IN FEET)
1 inch = 50 ft.

Radiation Survey Form WP 437, RU 22 CU 193

Date Plotted _____ DBD CAD

Meter Model #:	2221	Detector Model #:	2x2 NaI "M"
Meter Serial #:	117617	Detector Serial #:	130704
Calibration Due:	10/13/00	Calibration Date:	9/29/00
Survey Date / Time:	3/30/00	Field Bkg.:	6080 cpm
Surveyor(s):	C. Hanner		

Comments: Area was surveyed and found to be less than 1.5 times background



LEGEND

'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

N

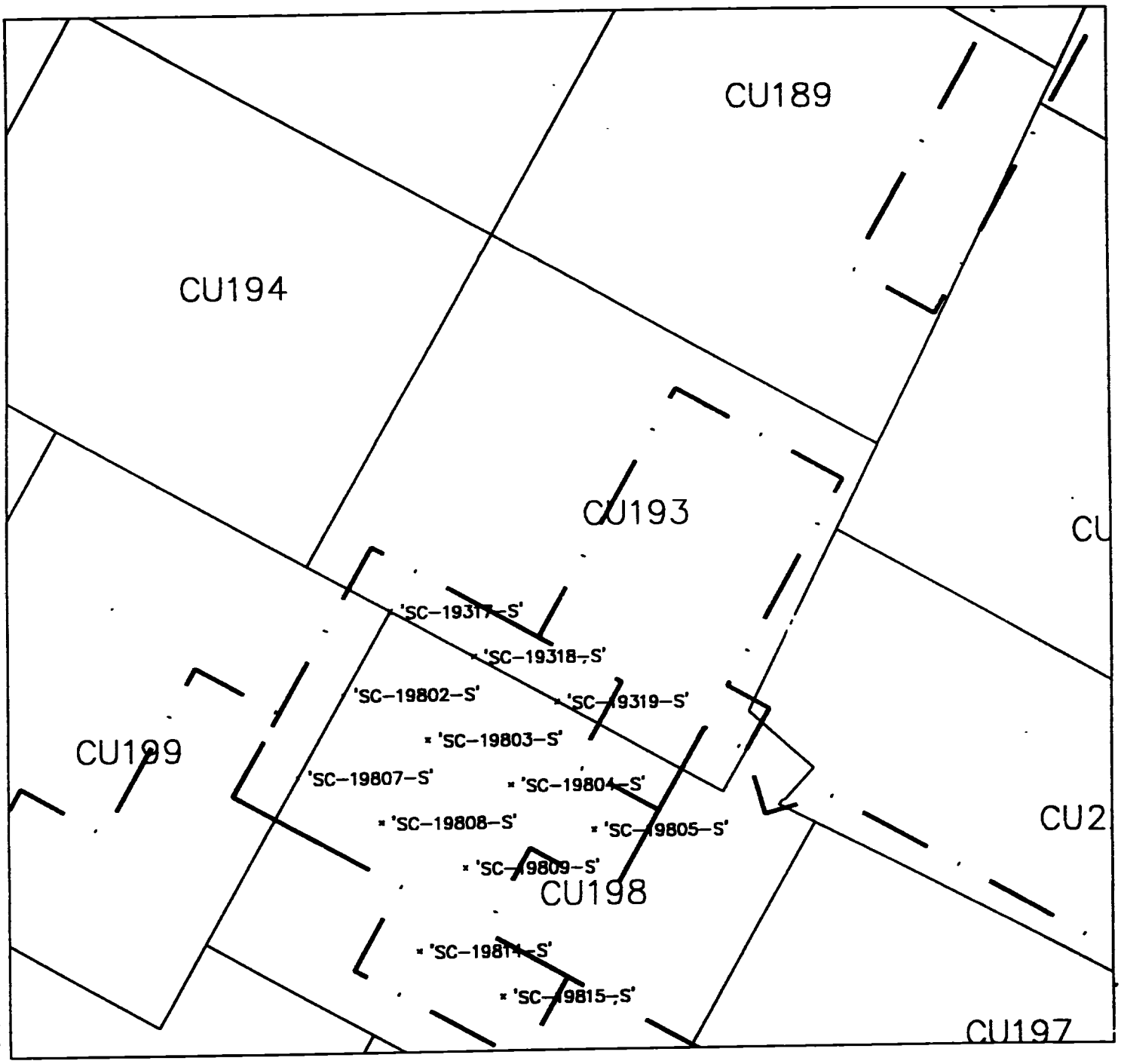
Radiation Survey Form WP 437, RU 22 CU ~~198~~ 193 (DF)

Date Plotted 4/30/00

DEO CAD

Meter Model #:	2221	Detector Model #:	2x2 NaI "M"
Meter Serial #:	117617	Detector Serial #:	130164
Calibration Due:	10/13/00	Calibration Due:	9/24/00
Survey Date / Time:	4/27/00	Field Bkg.:	6000 cpm
Surveyor(s):	C. Hanson		

Comments: Area was surveyed and found to be less than 1.5 times background



LEGEND

• 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

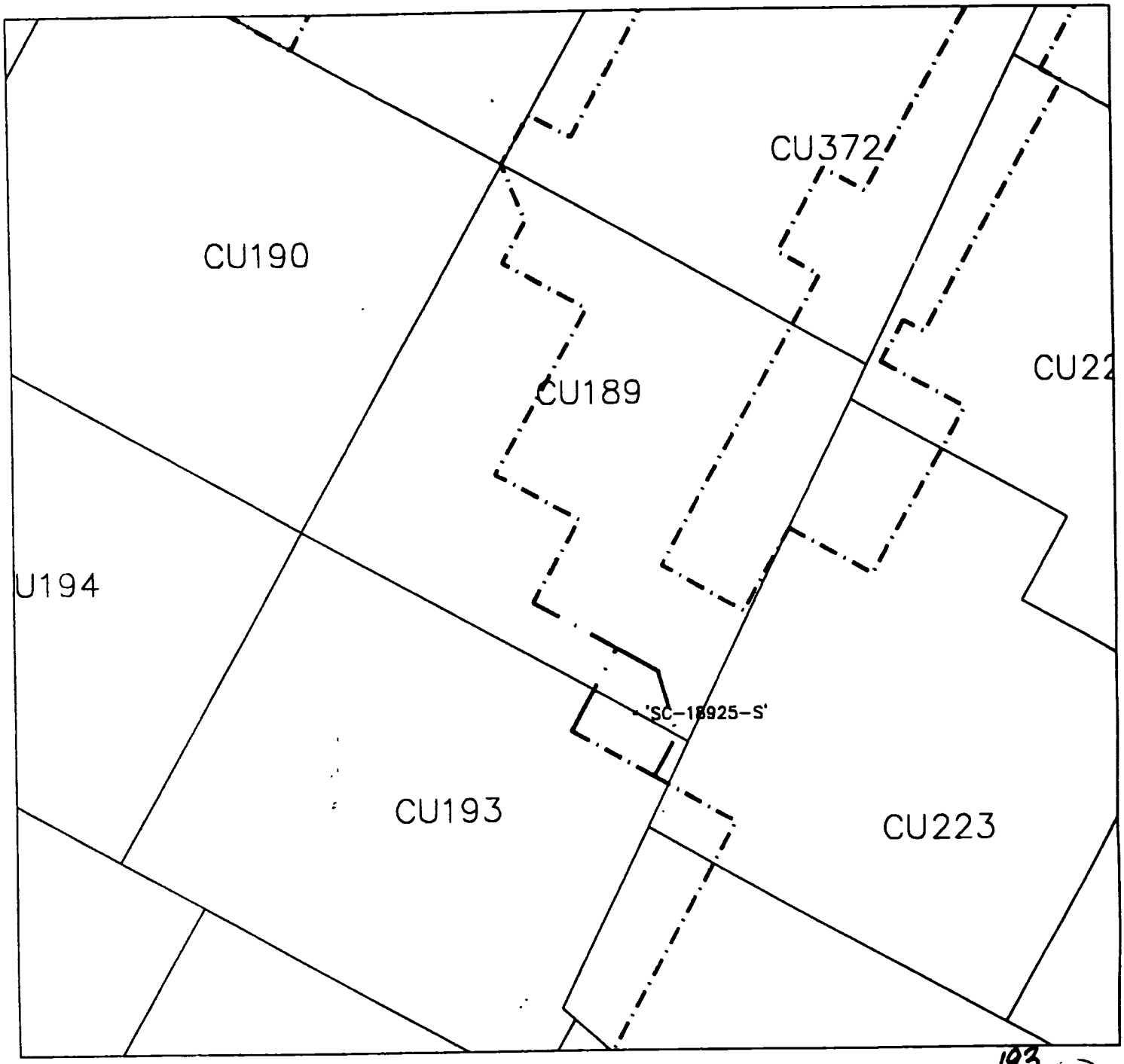
N

Radiation Survey Form WP 437, RU 22 **CU** 193

Date Plotted 5/02/00 **DBD CAD**

Meter Model #:	2221	**Detector Model #:**	202 NaI "M"
Meter Serial #:	117617	**Detector Serial #:**	130764
Calibration Date:	10/17/00	**Calibration Date:**	9/29/00
Survey Date / Time:	5/1/00	**Field Bkg.:**	5300 cpm
Surveyor(s):	C. Hanner		

Comments: Area was surveyed and found to be less than 1.5 times background



LEGEND

• 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

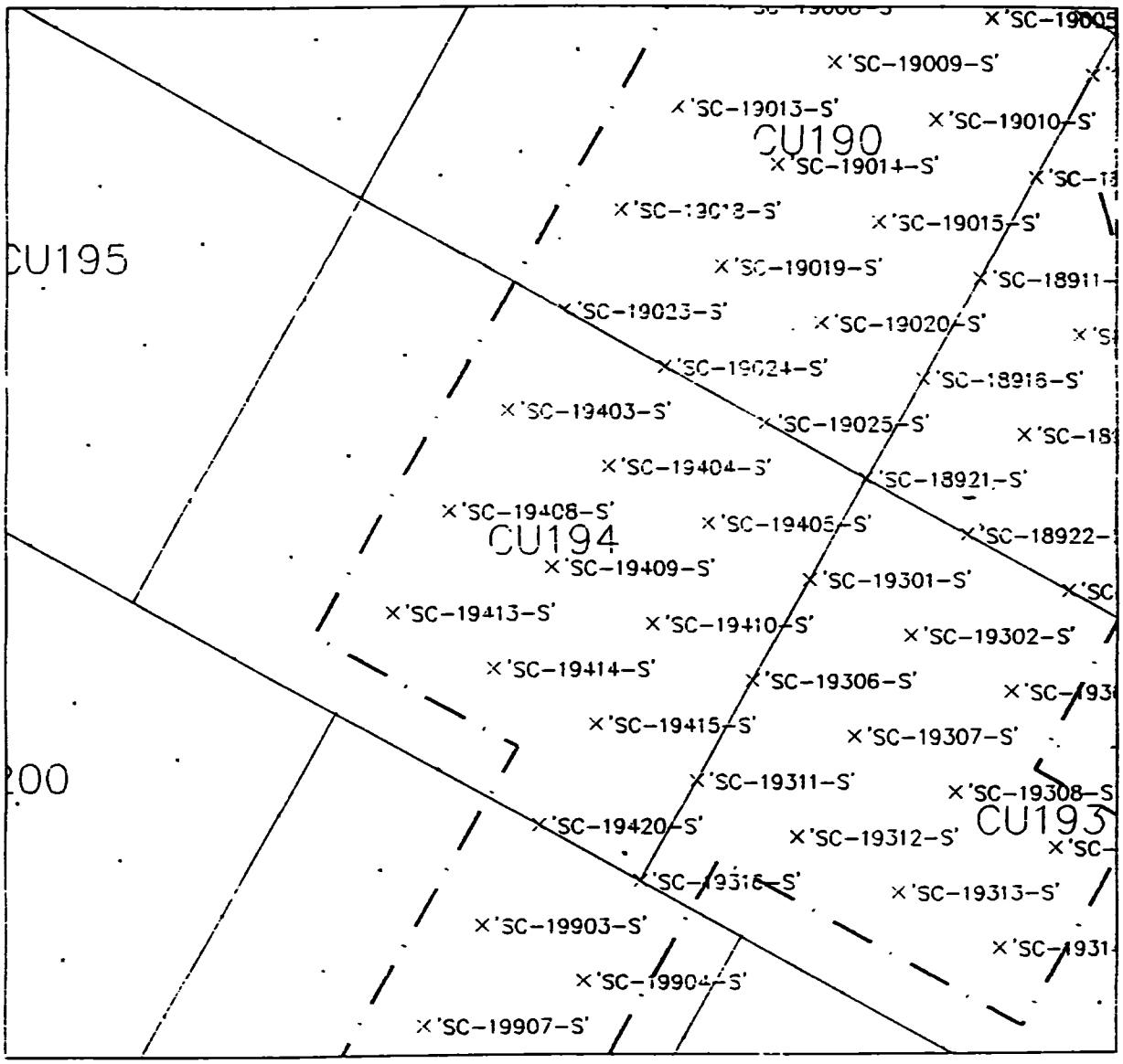
N

Radiation Survey Form WP 437, RU 22 CU ~~189~~ 193 (DF)

Date Plotted 5/11/00

DBO CAD

Meter Model #:	2221	Detector Model #:	2x2 "F"
Meter Serial #:	99158	Detector Serial #:	122191
Calibration Date:	7/24/00	Calibration Date:	9/24/00
Survey Date / Time:	5/5/00	Field Bkg.:	5,000 cpm
Surveyor(s):	C. Hamner, T. Brown		
Comments:	All readings <1.5 Bkg		



LEGEND

SAMPLE POINTS NOT PINNED

SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU 194

7-30-99 DHO CAD

Meter Model #	2221	Detector Model #:	NaI 2x2"
Meter Serial #:	117607	Detector Serial #:	25143
Calibration Due:	12-18-99	Calibration Due:	01-24-00
Survey Date / Time:	07-19-99	Field Bkg.	12,000 cpm
Surveyor(s):	J. [illegible]		
Comments:	All areas surveyed <1.5 BKG.		

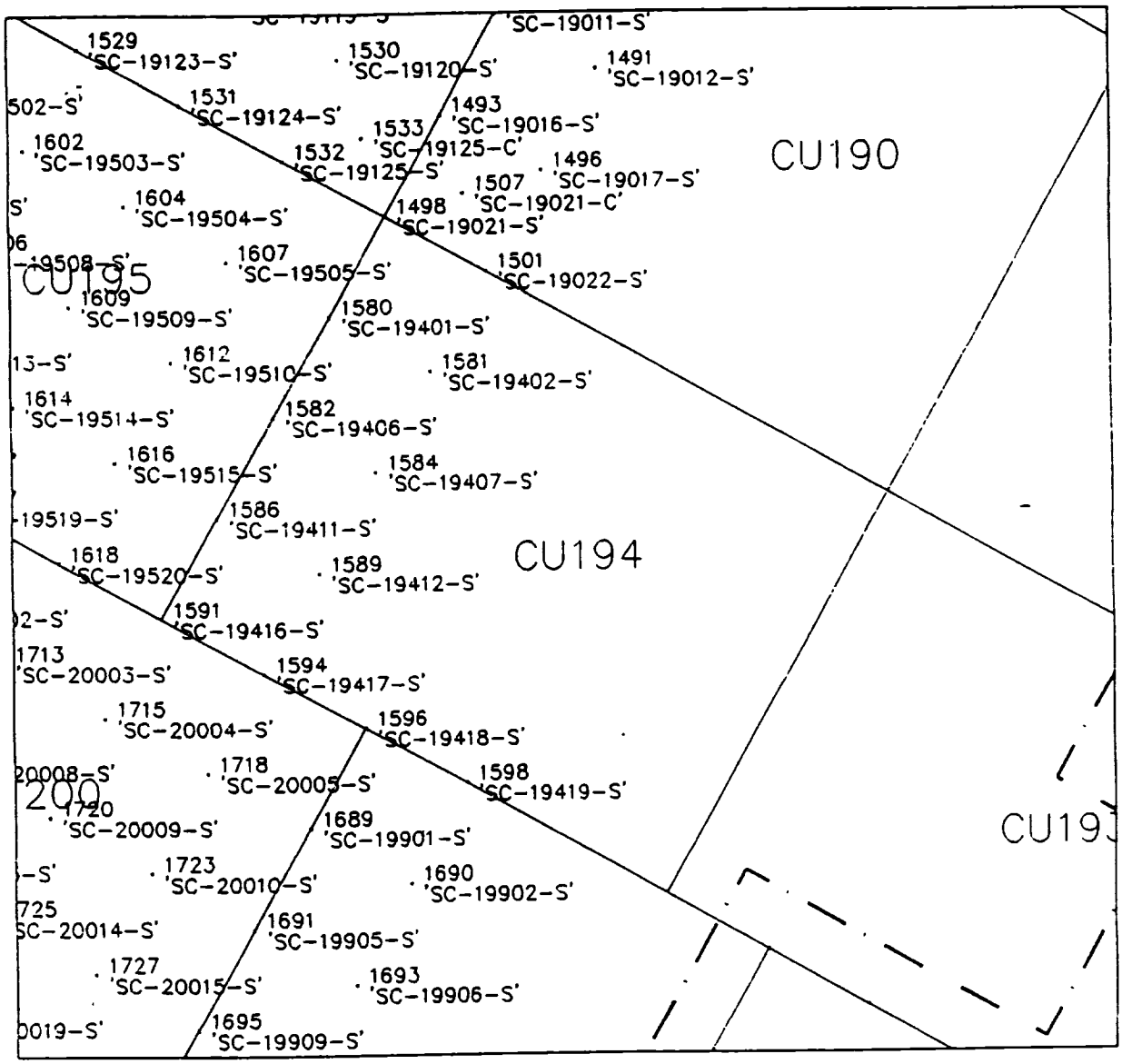
N

GRAPHIC SCALE

50 0 25 50

(IN FEET)

1 inch = 50 ft.



LEGEND

. SAMPLE POINTS NOT PINNED

×'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU 194

7/30/99 DHO CAD

Meter Model #	2221	Detector Model #:	NaI "2.2
Meter Serial #	117607	Detector Serial #	25143
Calibration Due:	12-18-99	Calibration Due:	01-24-00
Survey Date / Time:	07-22-99	Field Bkg.	12,000 cpm
Surveyor(s):	J. Rankin		
Comments:	all areas surveyed < 1.5 B		

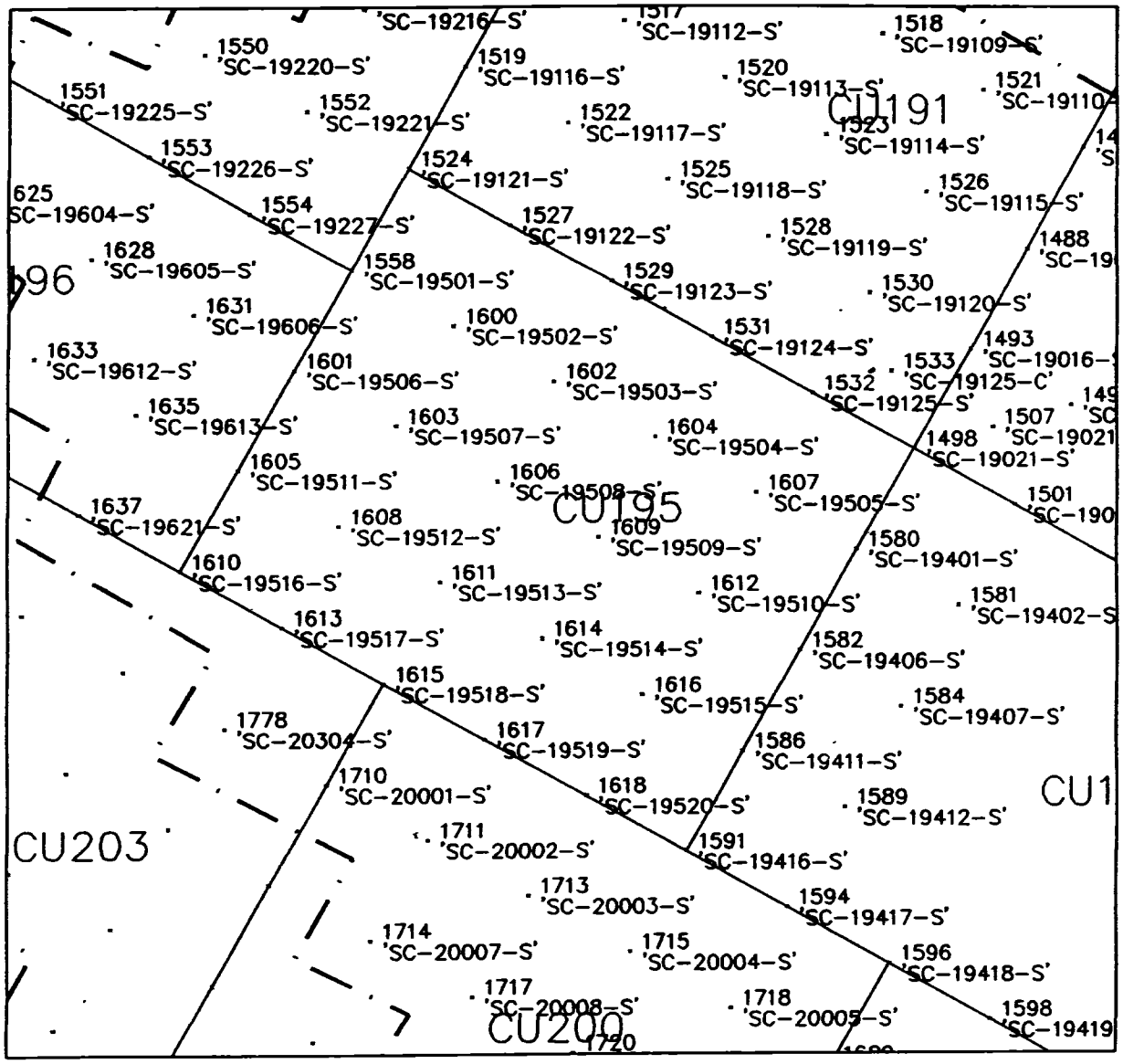
N

GRAPHIC SCALE

50 0 25 50

(IN FEET)

1 inch = 50 ft.



LEGEND

. SAMPLE POINTS NOT PINNED

×'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU 195

7/30/99 DHO CAD

Meter Model #:	2221	Detector Model #:	NaI "2-2"
Meter Serial #:	117607	Detector Serial #:	25143
Calibration Due:	12-18-99	Calibration Due:	01-24-00
Survey Date / Time:	07-20-99	Field Bkg.:	12,000 cpm
Surveyor(s):	J. Rankin		
Comments:	All areas surveyed < 1.5 BKG		

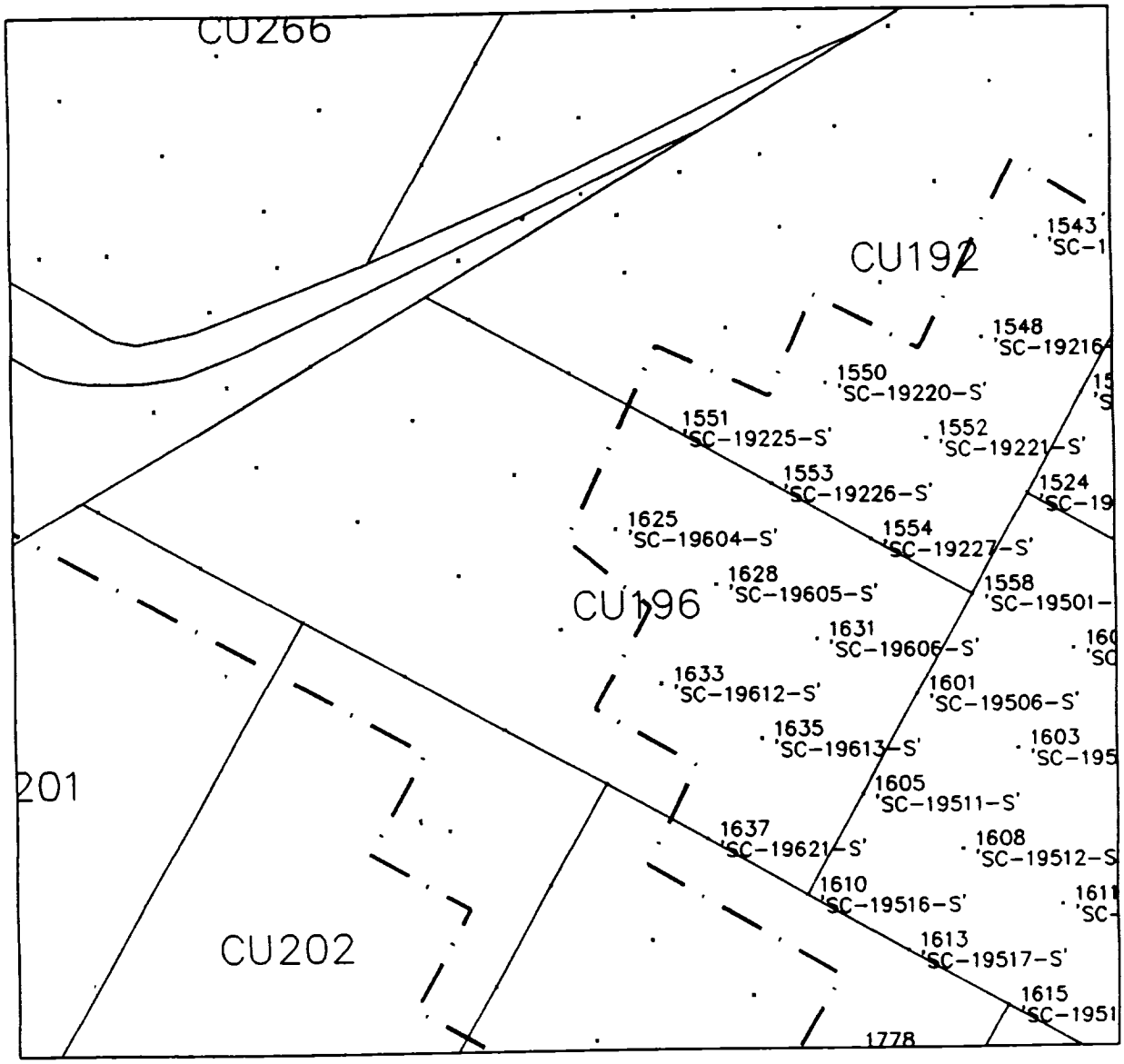
N

GRAPHIC SCALE

50 0 25 50

(IN FEET)

1 inch = 50 ft.



LEGEND

·	SAMPLE POINTS NOT PINNED
×'SC-32606-S'	SAMPLE POINTS PINNED
— · — · —	PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU 196

7/30/99 DHO CAD

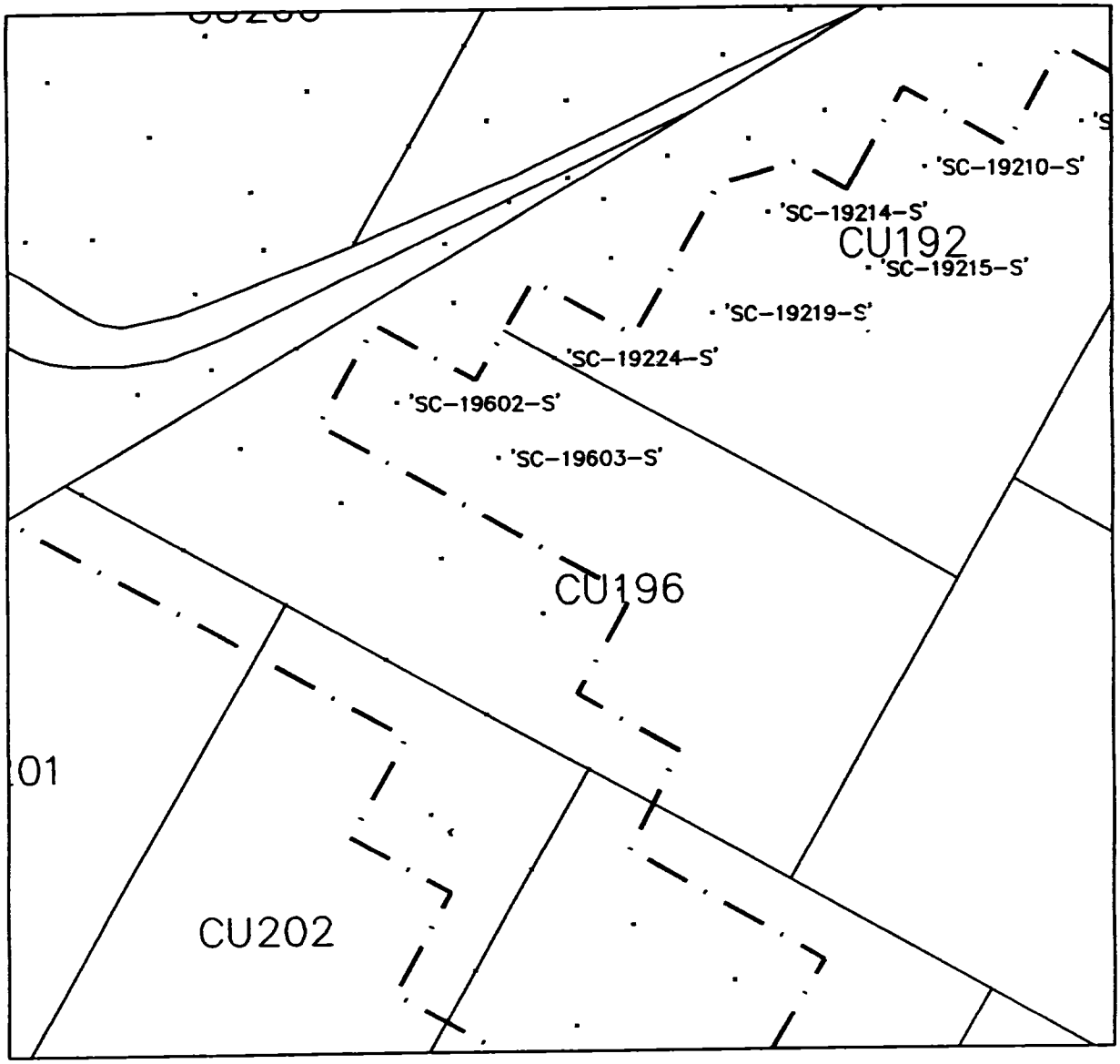
Meter Model #:	2221	Detector Model #:	NaI "2x2"
Meter Serial #:	117607	Detector Serial #	25143
Calibration Due	12-18-99	Calibration Due:	01-24-00
Survey Date / Time:	07-20-99	Field Bkg.	12,000 cpm
Surveyor(s).	J. Rankin		
Comments:	All areas surveyed < 1.5 BKG		

N

GRAPHIC SCALE

50 0 25 50

(IN FEET)
1 inch = 50 ft.



LEGEND

SAMPLE POINTS NOT PINNED

×'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU 196

8-3-99

DHO CAD

Meter Model #:	2221	Detector Model #:	NaI "2.2"
Meter Serial #:	117607	Detector Serial #:	25143
Calibration Due:	12-18-99	Calibration Due:	01-24-00
Survey Date / Time:	07-22-	Field Bkg.:	12,000 cpm
Surveyor(s):	J. Rankin		
Comments:	All areas surveyed < 1.5 BKG.		

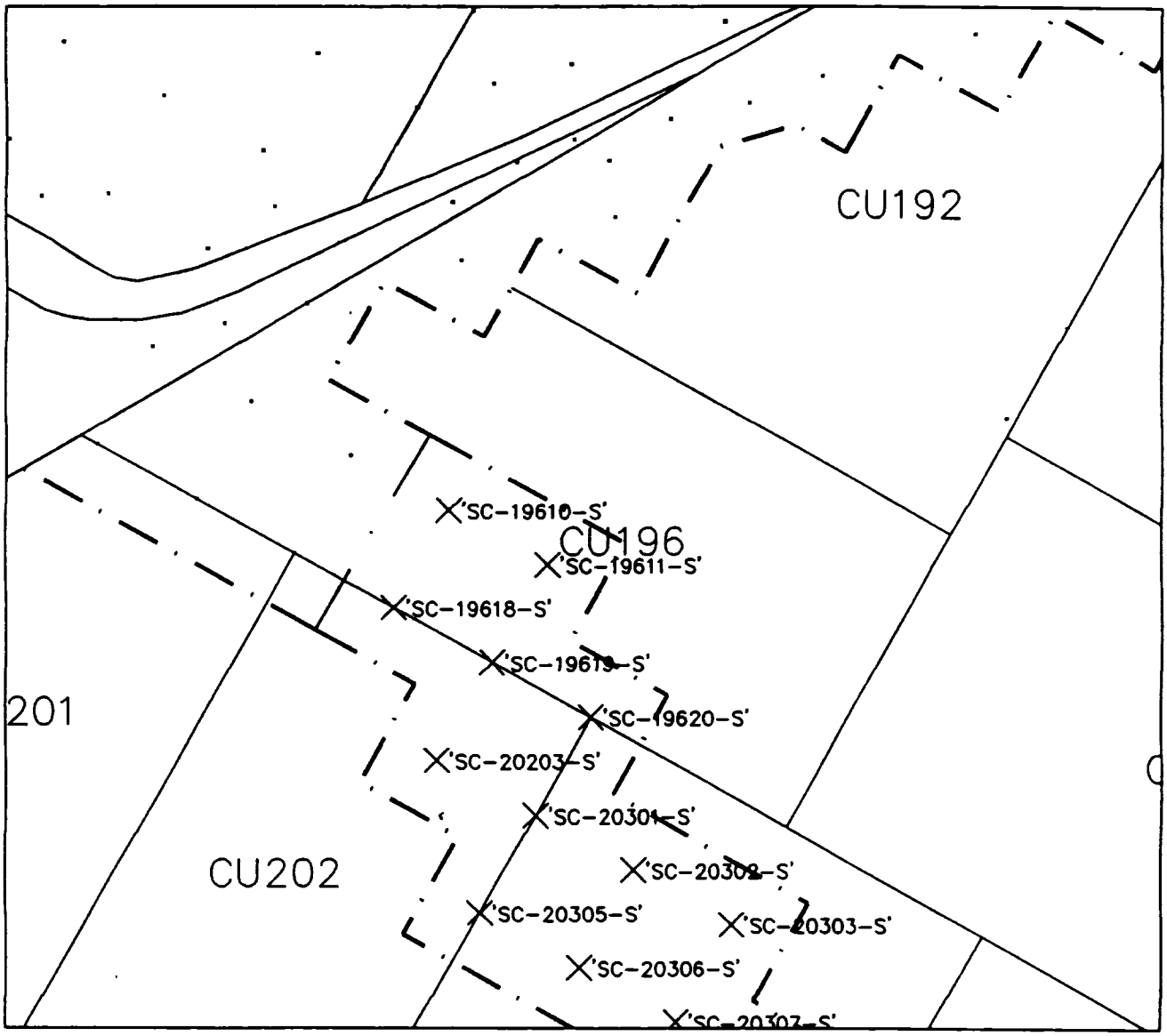
N

GRAPHIC SCALE

50 0 50

(IN FEET)

1 inch = 50 ft.



LEGEND

·	SAMPLE POINTS NOT PINNED
×'SC-32606-S'	SAMPLE POINTS PINNED
— · — · —	PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU 196

8/25/99

DBO CAD

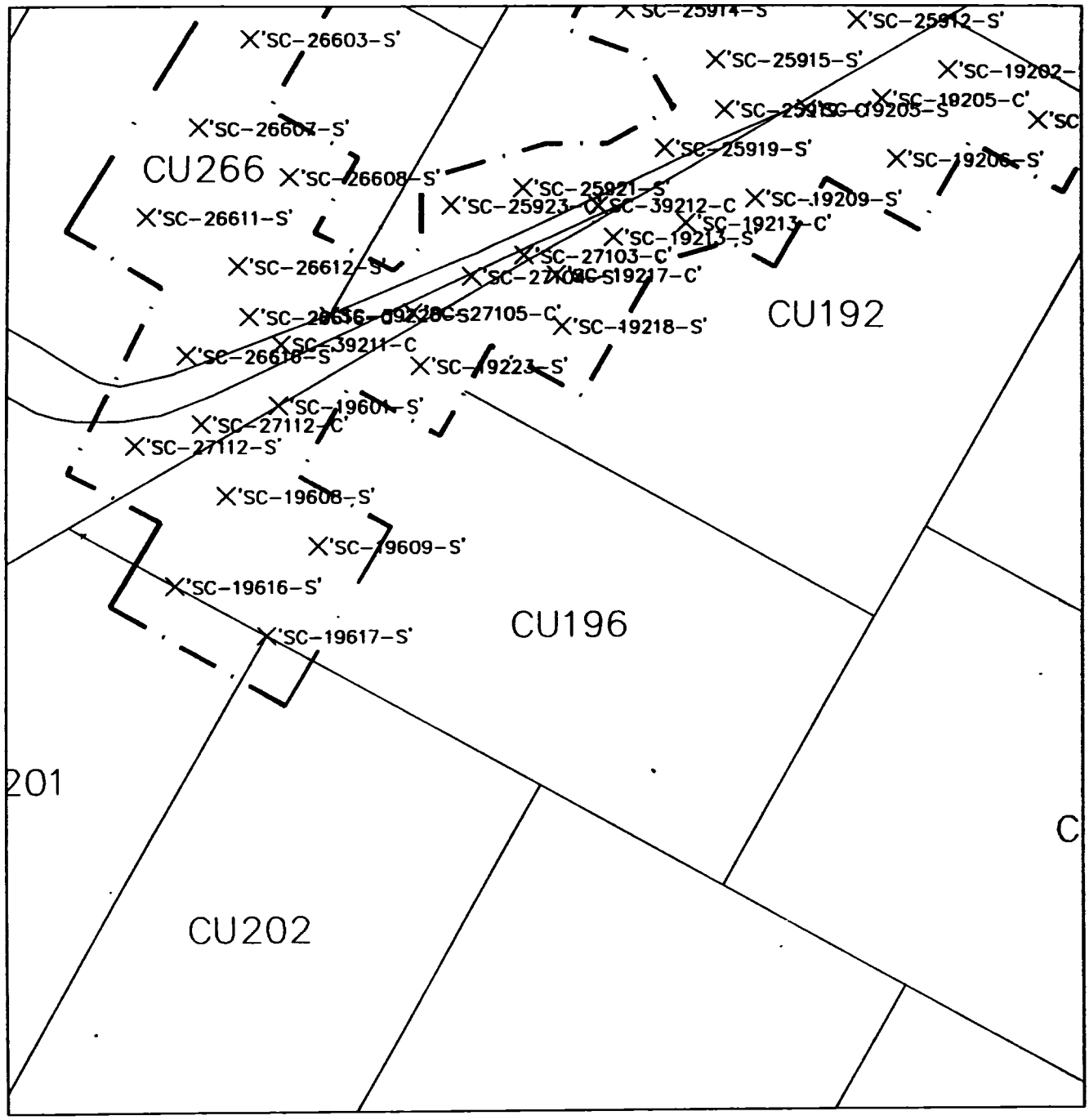
Meter Model #:	2221	Detector Model #:	NaI 2x2
Meter Serial #:	127247	Detector Serial #:	122191
Calibration Due:	09-25-99	Calibration Due:	01-24-00
Survey Date / Time:	08-02-99	Field Bkg.:	12,000 cpm
Surveyor(s):	J. Rankin		
Comments:	Area surveyed < 1.5 BKG		

N

GRAPHIC SCALE

50 0 25 50

(IN FEET)
1 inch = 50 ft.



LEGEND

X'SC-32606-S' SAMPLE POINTS NOT PINNED

SAMPLE POINTS PINNED

PINNING LIMITS

N

GRAPHIC SCALE

50 0 25 50

(IN FEET)

1 inch = 50 ft.

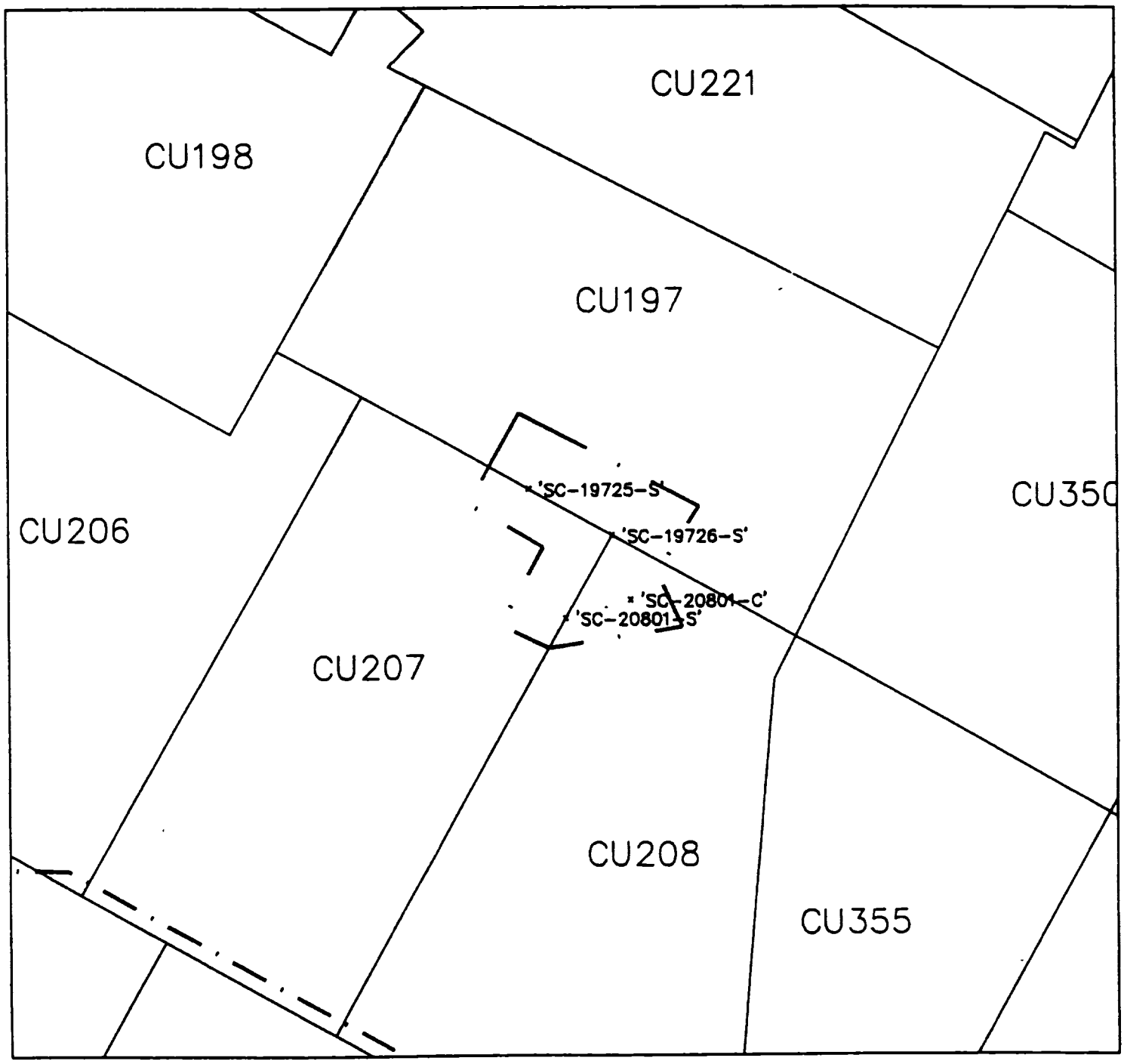
Radiation Survey Form WP 437, RU 22 **CU** 196

10/26/99

DEO CAD

Meter Model #:	2221	Detector Model #:	2+2 Nal "G"
Meter Serial #:	127252	Detector Serial #:	4241
Calibration Due:	9/2/00	Calibration Due:	1/24/00
Survey Date / Time:	10/25/99	Field Bkg.:	8,000 cpm
Surveyor(s):	C. Hanner		

Comments: Area was surveyed and found to be less than 1.5 times background



LEGEND

'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

N

GRAPHIC SCALE

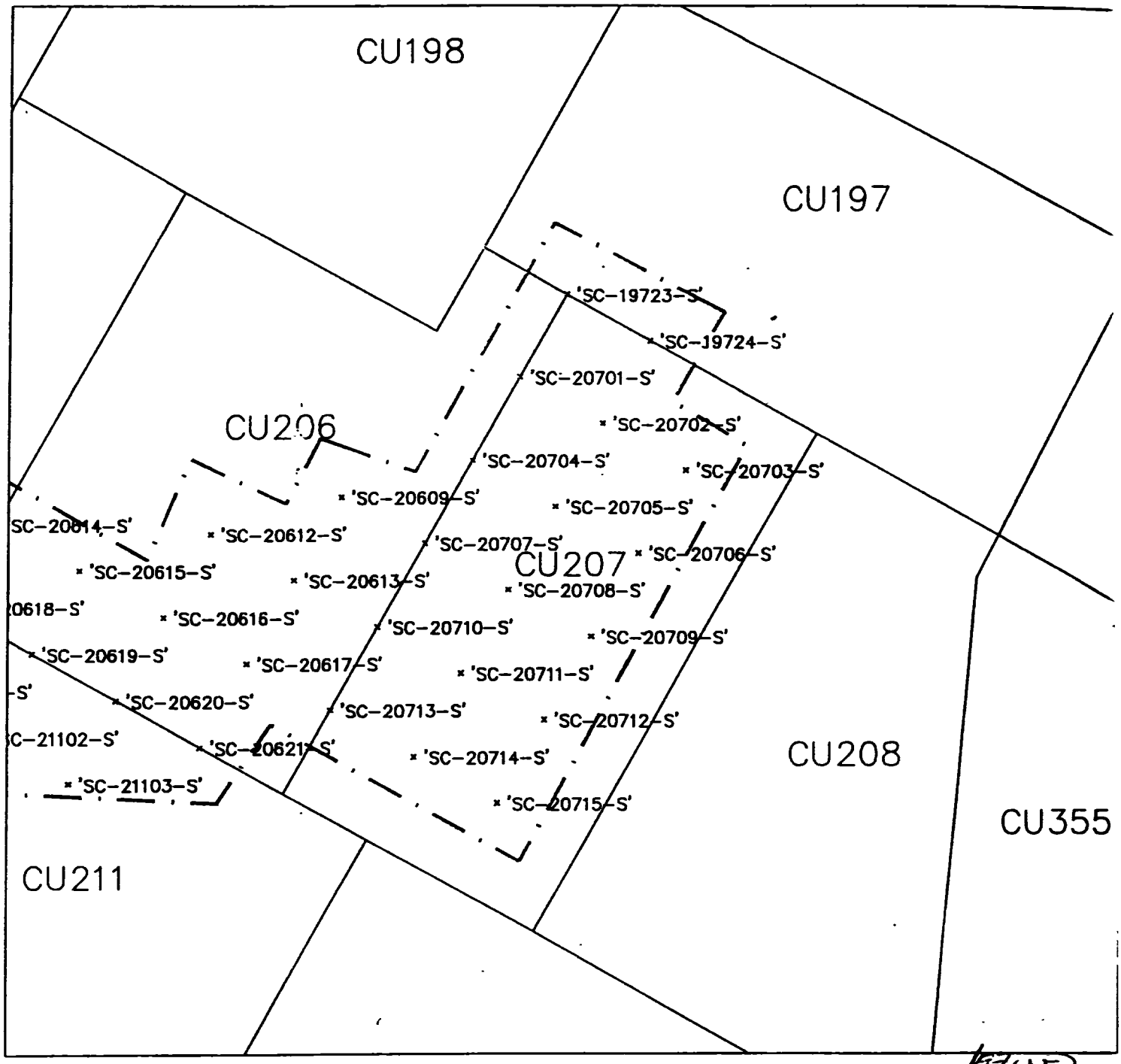
50 0 50 100

(IN FEET)
1 inch = 50 ft.

Radiation Survey Form WP 437, RU 22 CU 197

DEO CAD

Meter Model #:	2221	Detector Model #:	NaI "2.2"
Meter Serial #:	117617	Detector Serial #:	130764
Calibration Due:	10-13-00	Calibration Due:	09-24-00
Survey Date / Time:	03-01-00	Field Bkg.:	4500 cpm
Surveyor(s):	J. Rank		
Comments:	All areas < 1.5 BKground.		



LEGEND

'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

N

GRAPHIC SCALE

50 0 50 100

(IN FEET)
1 inch = 50 ft.

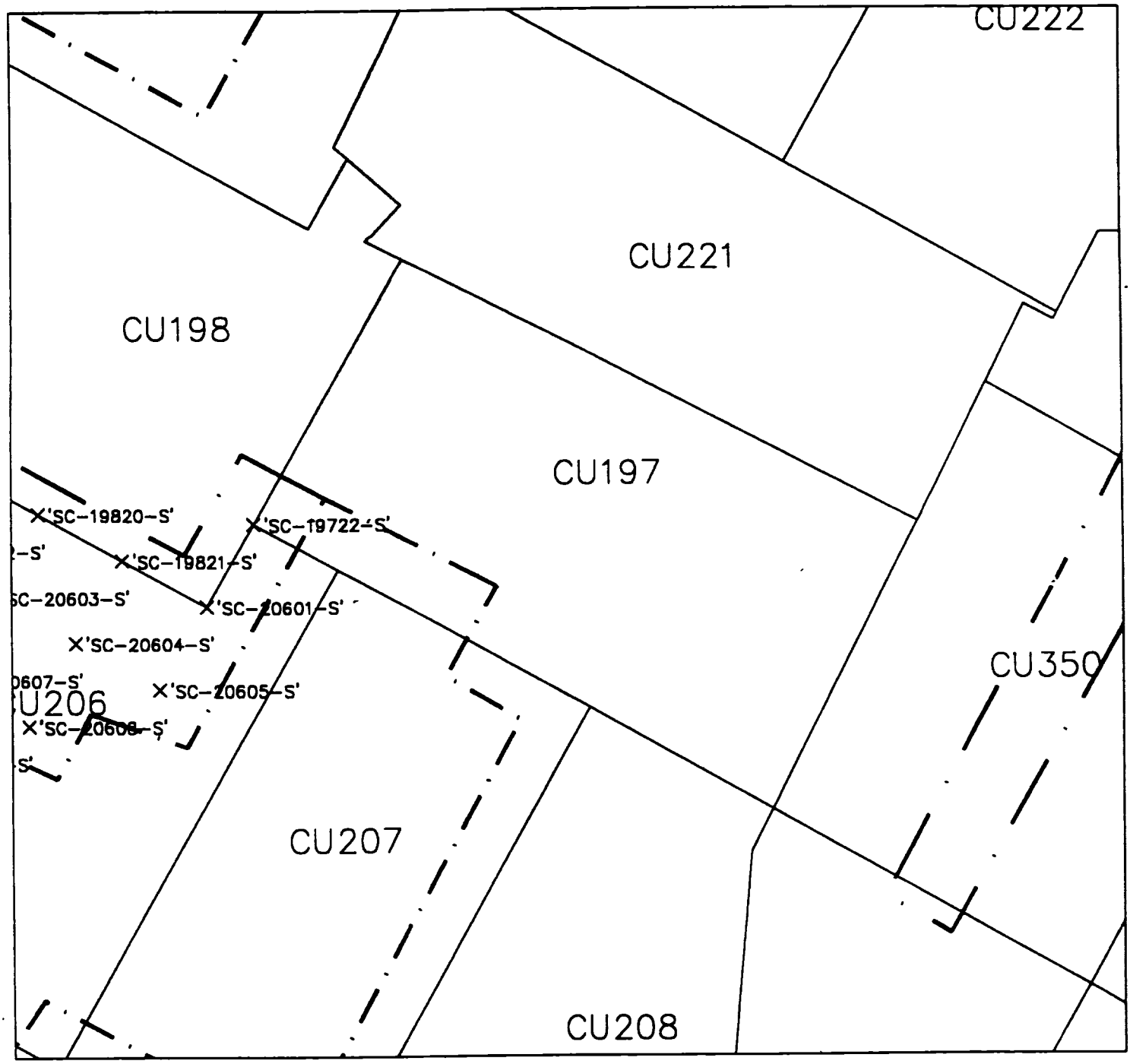
Radiation Survey Form WP 437, RU 23 CU ~~207~~ 117 (DE)

Date Plotted 3/29/00

DBO CAD

Meter Model #:	2221	Detector Model #:	2+2 NaI "M"
Meter Serial #:	117617	Detector Serial #:	130764
Calibration Due:	10/13/00	Calibration Date:	9/24/00
Survey Date / Time:	3/28/00	Field Bkg.:	6000 cpm
Surveyor(s):	C. Hanover		

Comments: Area was surveyed and found to be less than 1.5 times background



LEGEND

· 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

N

GRAPHIC SCALE

50 0 50 100

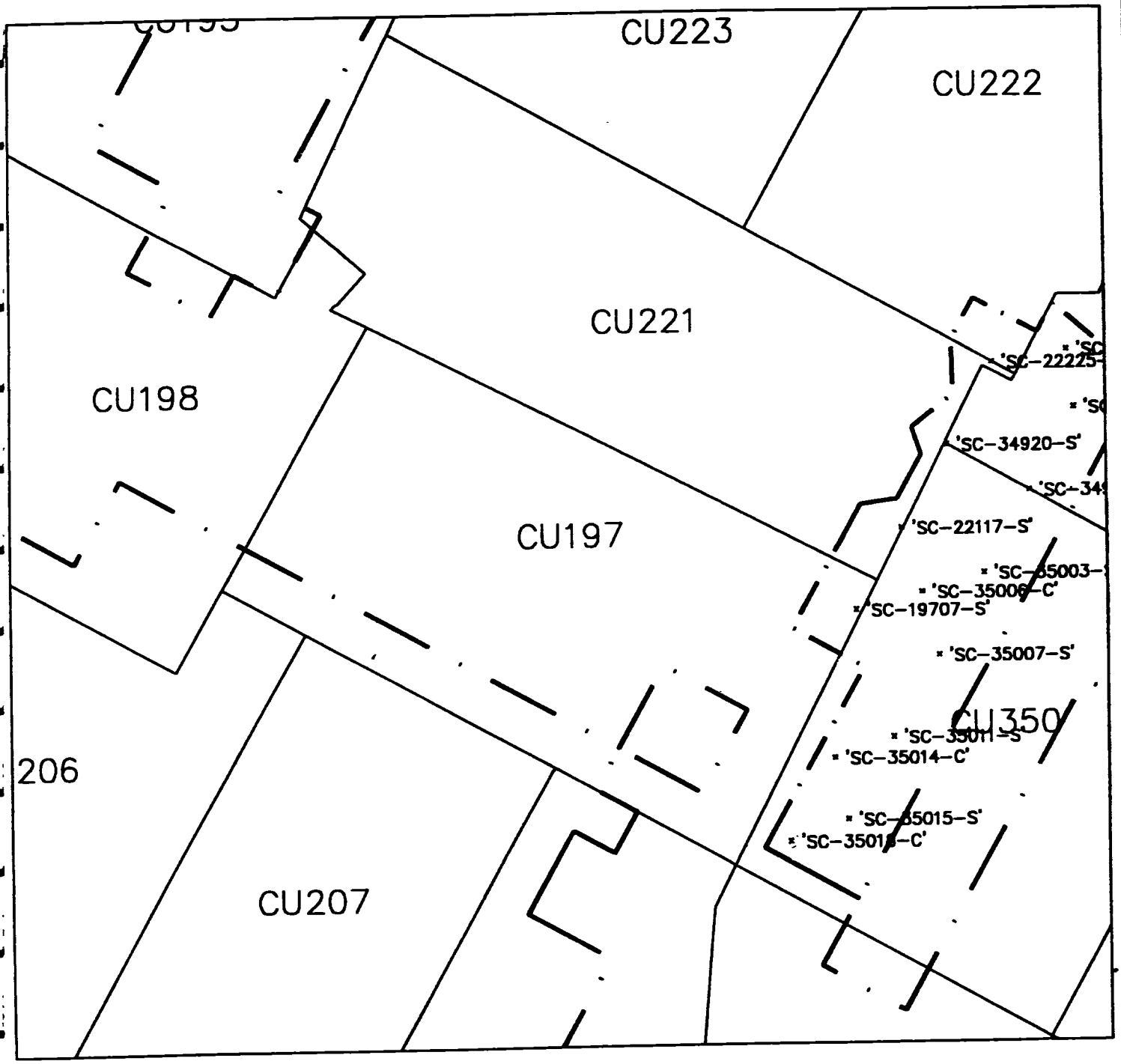
(IN FEET)
1 inch = 50 ft.

Radiation Survey Form WP 437, RU 22 **CU** 197

Date Plotted 3/31/00 DEO CAD

Meter Model #:	2221	**Detector Model #:**	2x2 NaI "M"
Meter Serial #:	117617	**Detector Serial #:**	130764
Calibration Due:	10/13/00	**Calibration Date:**	9/24/00
Survey Date / Time:	3/31/00	**Field Bkg.:**	6000 cpm
Surveyor(s):	G. Hanner		

Comments: Area was surveyed and found to be less than 1.5 times background



LEGEND

'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

N

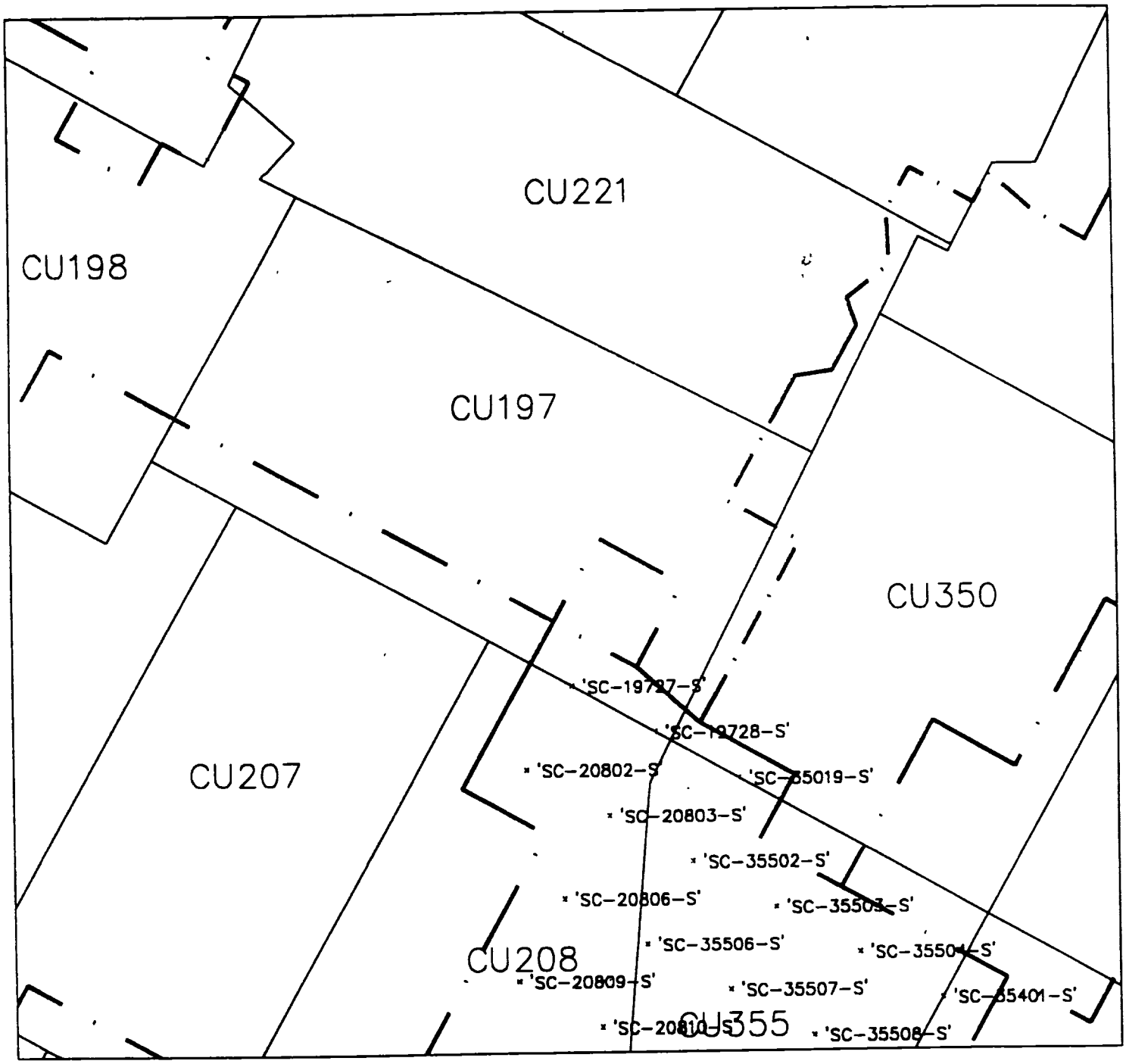
Radiation Survey Form WP 437, RU 22 CU 197

Date Plotted 4/17/00

DBD CAD

Meter Model #:	2221	Detector Model #:	2x2 NaI 'm'
Meter Serial #:	117617	Detector Serial #:	130764
Calibration Due:	10/13/00	Calibration Due:	9/24/00
Survey Date / Time:	4/16/00	Field Bkg:	6000 cpm
Surveyor(s):	C. Hanner		

Comments: Area was surveyed and found to be less than 1.5 times background



LEGEND

'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

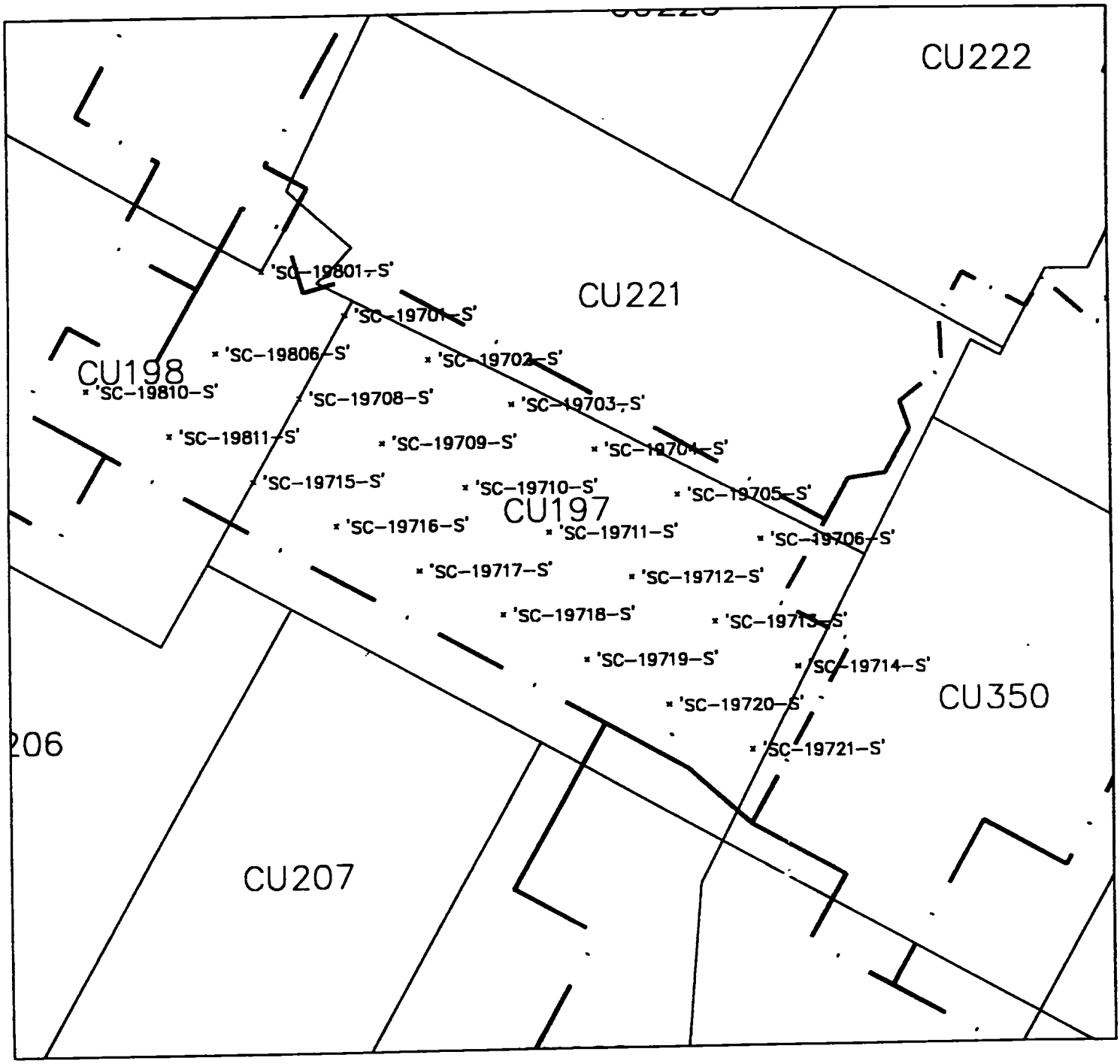
N

Radiation Survey Form WP 437, RU 22 **CU** 197

Date Plotted 4/28/00 **DBO CAD**

Meter Model #:	2221	**Detector Model #:**	2x2 NaI "M"
Meter Serial #:	117617	**Detector Serial #:**	130769
Calibration Date:	10/13/00	**Calibration Date:**	9/29/00
Survey Date / Time:	4/27/00	**Field Bkg.**	5700
Surveyor(s):	C. Hanner		

Comments: Area was surveyed and found to be less than 1.5 times background



LEGEND

• 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

N

Radiation Survey Form WP 437, RU 22 CU 197

Date Plotted 4/30/00 DEO CAD

Meter Model #: 2221 Detector Model #: 2x2 NaI "M"

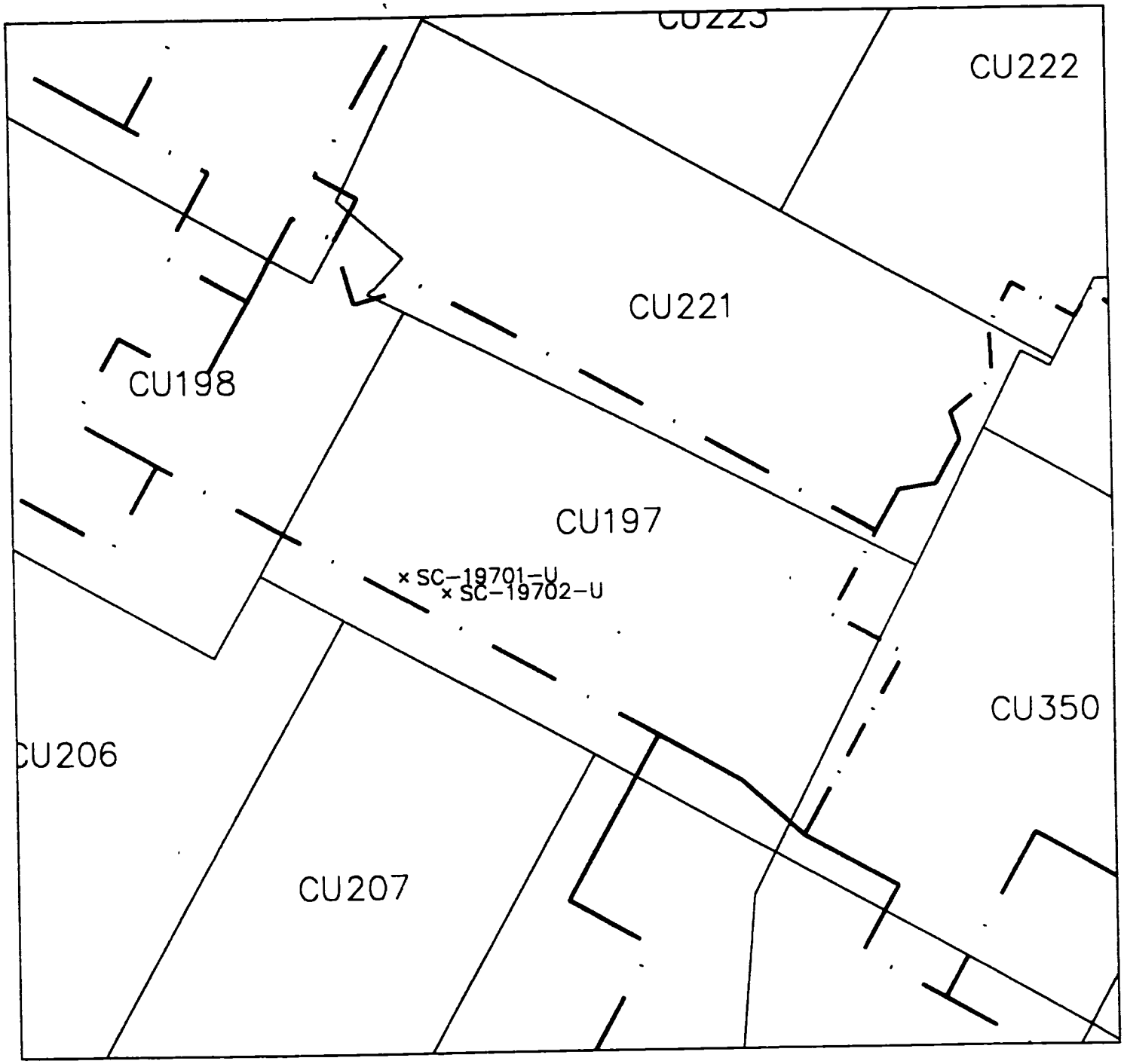
Meter Serial #: 117617 Detector Serial #: 130764

Calibration Date: 10/13/00 Calibration Date: 9/24/00

Survey Date / Time: 4/29/00 Field Bkg.: 6000 cpm

Surveyor(s): C. Hanner

Comments: Area was surveyed and found to be less than 1.5 times background



LEGEND

• 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

N

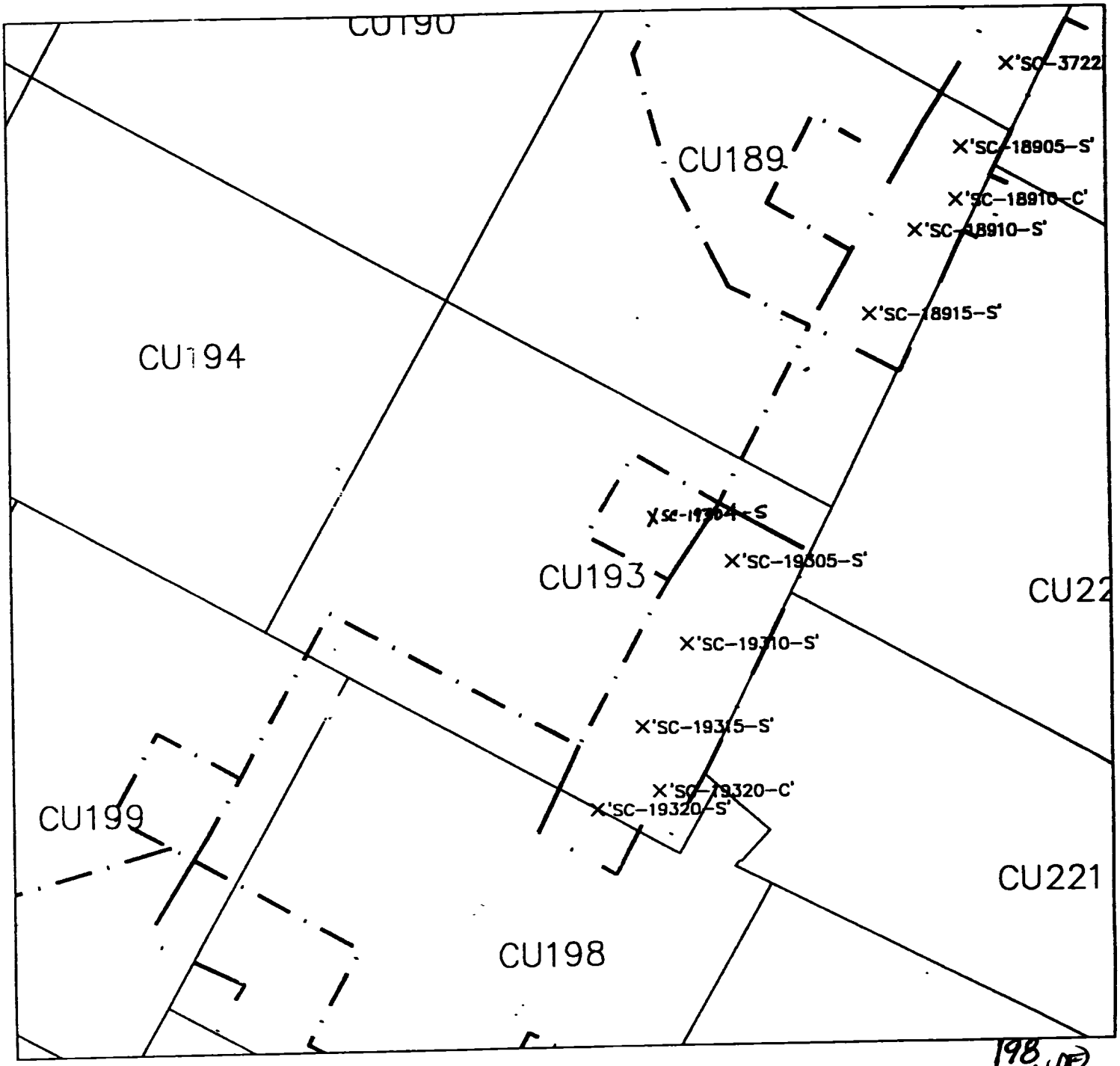
Radiation Survey Form WP 437, RU 22 CU 197

Date Plotted 5/02/00

DBD CAD

Meter Model #:	2221	Detector Model #:	2+2 NaI "M"
Meter Serial #:	117617	Detector Serial #:	130764
Calibration Due:	10/19/00	Calibration Due:	9/24/00
Survey Date / Time:	5/1/00	Field Bkg.:	5000 cpm
Surveyor(s):	S. Hanner		

Comments: Area was surveyed and found to be less than 1.5 times background



LEGEND

'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

N

GRAPHIC SCALE

50 0 50 100

(IN FEET)

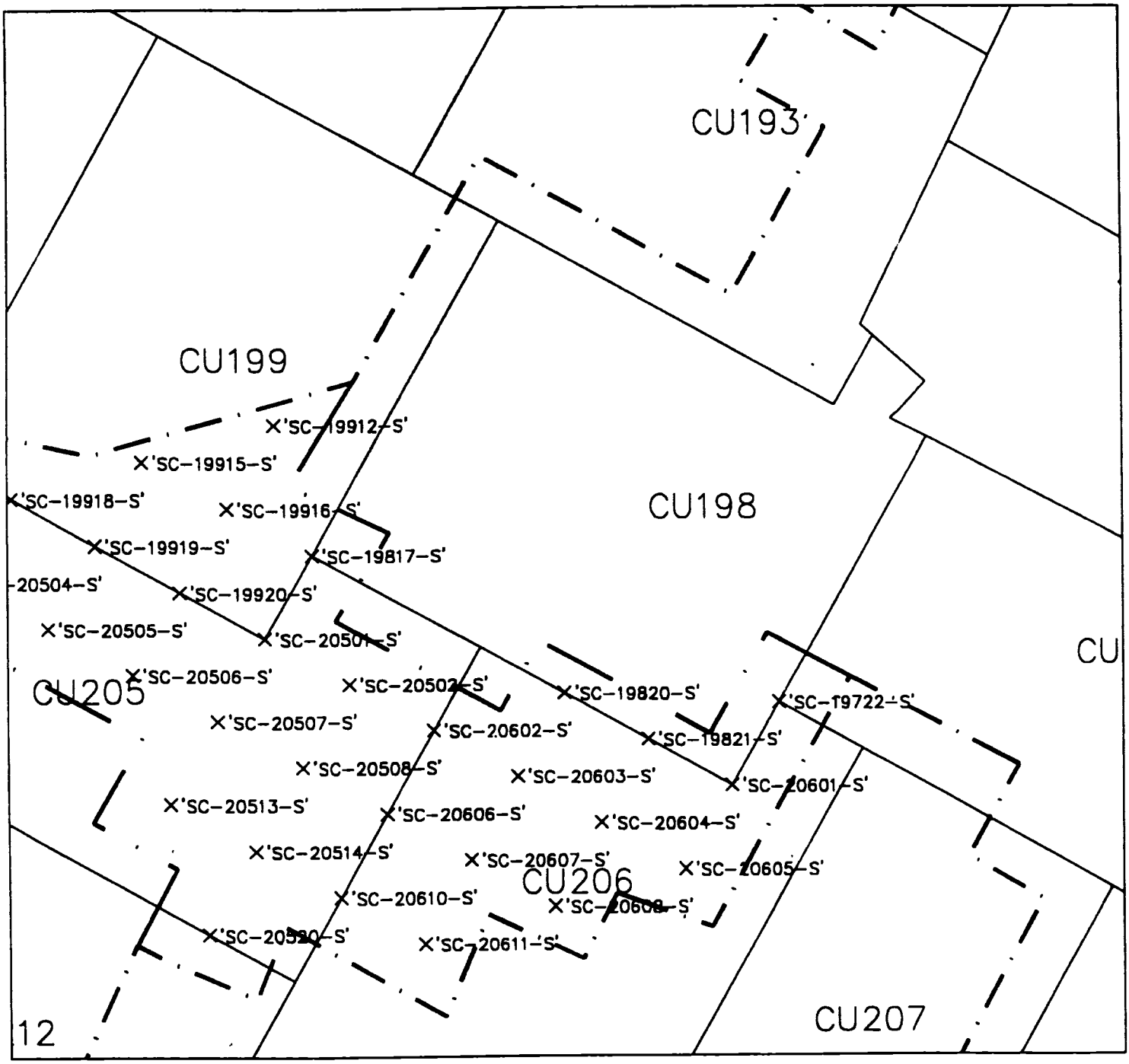
1 inch = 50 ft.

Radiation Survey Form WP 437, RU 22 CU ~~193~~ 198 (DF)

Date Plotted _____ DBD CAD

Meter Model #:	2221	Detector Model #:	2x2 NaI "M"
Meter Serial #:	117617	Detector Serial #:	130764
Calibration Due:	10/13/00	Calibration Due:	9/24/00
Survey Date / Time:	3/30/00	Field Bkg.:	6000 cpm
Surveyor(s):	C. Henner		

Comments: Area was surveyed and found to be less than 1.5 times background



LEGEND

'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

N

GRAPHIC SCALE

50 0 50 100

(IN FEET)

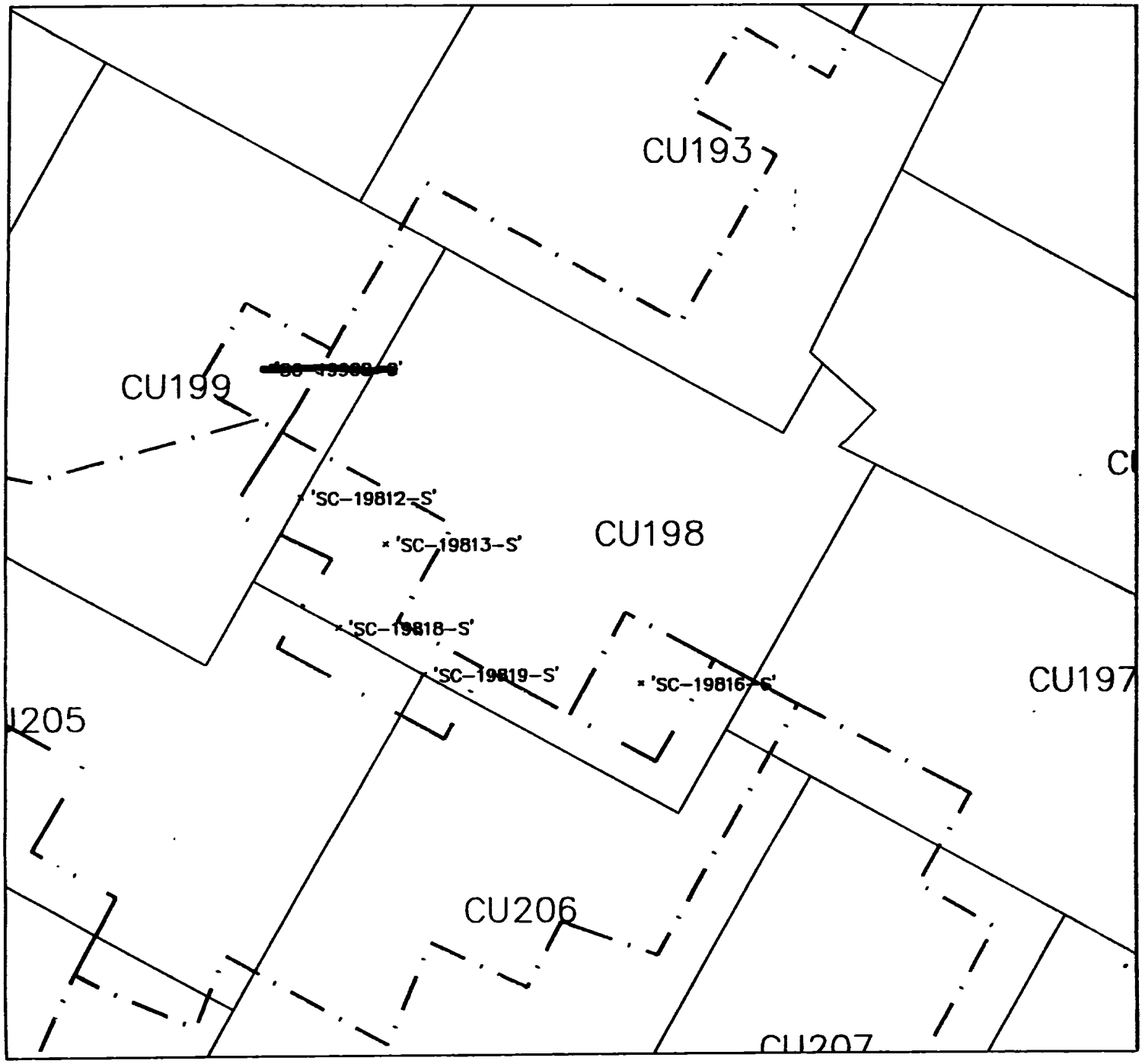
1 inch = 50 ft.

Radiation Survey Form WP 437, RU 22 **CU** 198

Date Plotted 3/31/00 **DBD CAD**

Meter Model #:	2221	**Detector Model #:**	2x2 NaI "n"
Meter Serial #:	117617	**Detector Serial #:**	130764
Calibration Date:	10/13/00	**Calibration Date:**	9/24/00
Survey Date / Time:	3/31/00	**Field Bkg.:**	6000 cpm
Surveyor(s):	S. Hanner		

Comments: Area was surveyed and found to be less than 1.5 times background



LEGEND

'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

N

GRAPHIC SCALE

50 0 50 100

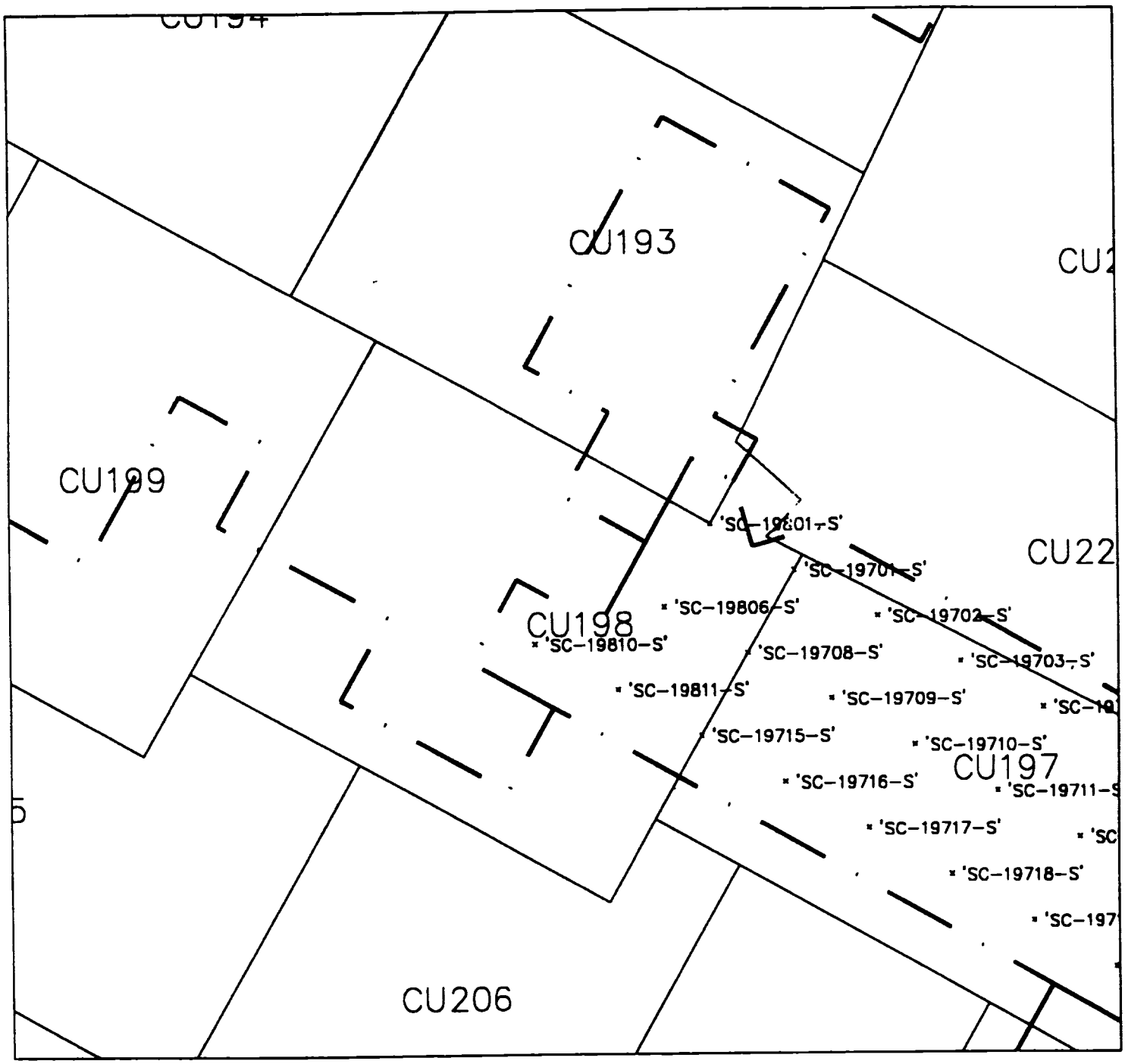
(IN FEET)
1 inch = 50 ft.

Radiation Survey Form WP 437, RU 22 CU 198

Date Plotted 4-3-00

DBO CAD

Meter Model #:	2221	Detector Model #:	3x2 "n"
Meter Serial #:	117617	Detector Serial #:	130764
Calibration Due:	10/13/00	Calibration Due:	9/24/00
Survey Date / Time:	4/3/00	Field Bkg.:	5,000 CPM
Surveyor(s):	T. Brower		
Comments:	All readings <1.5x BKg.		



LEGEND

· 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

N

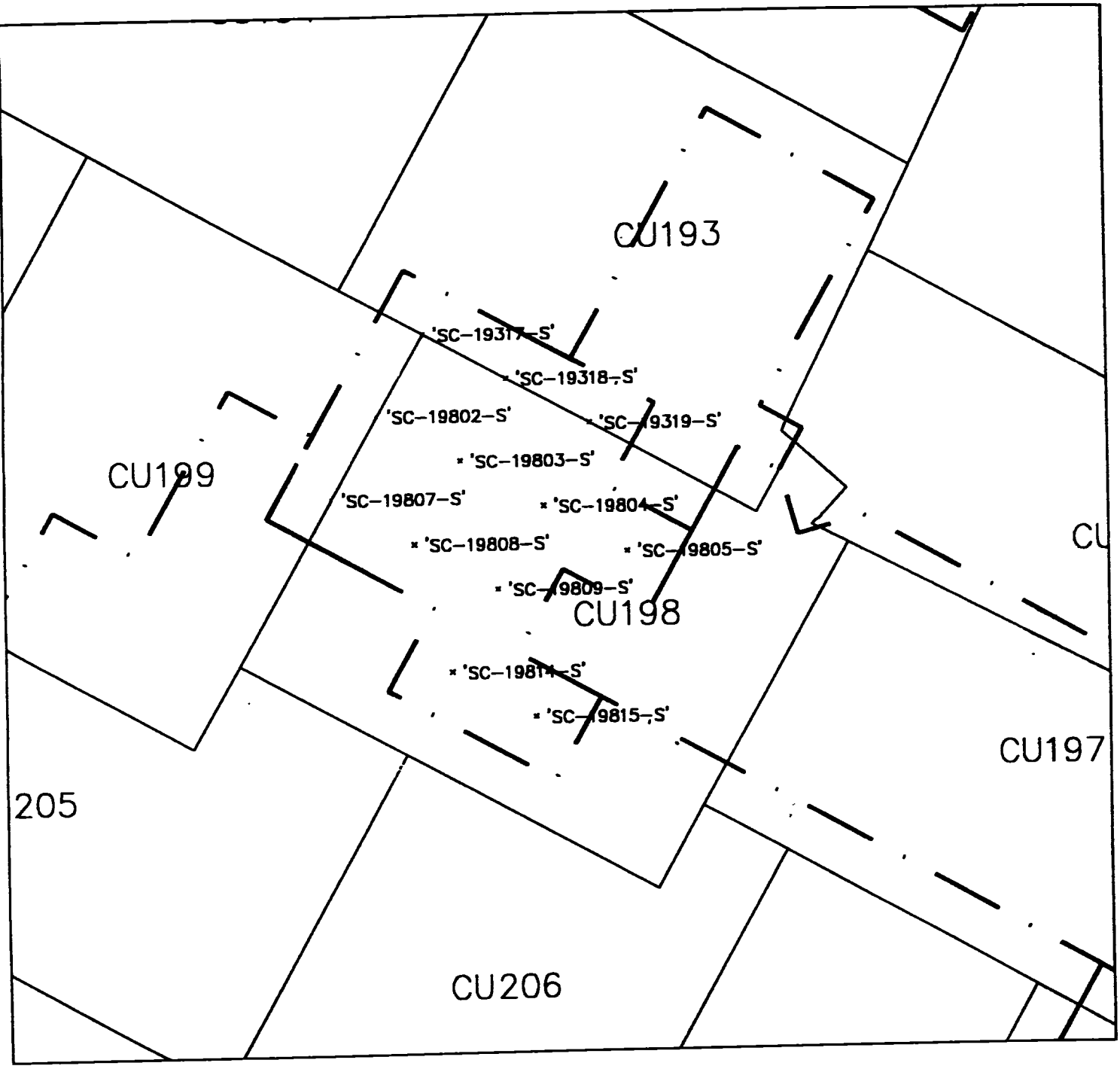
Radiation Survey Form WP 437, RU 22 **CU** 198

Date Plotted 4/30/00

DHO CAD

Meter Model #:	2221	**Detector Model #:**	2x2 NaI "M"
Meter Serial #:	117617	**Detector Serial #:**	130764
Calibration Due:	10/13/00	**Calibration Due:**	9/24/00
Survey Date / Time:	4/29/00	**Field Bkg.:**	6000 cpm
Surveyor(s):	C Hanner		

Comments: Area was surveyed and found to be less than 1.5 times background



LEGEND

· 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

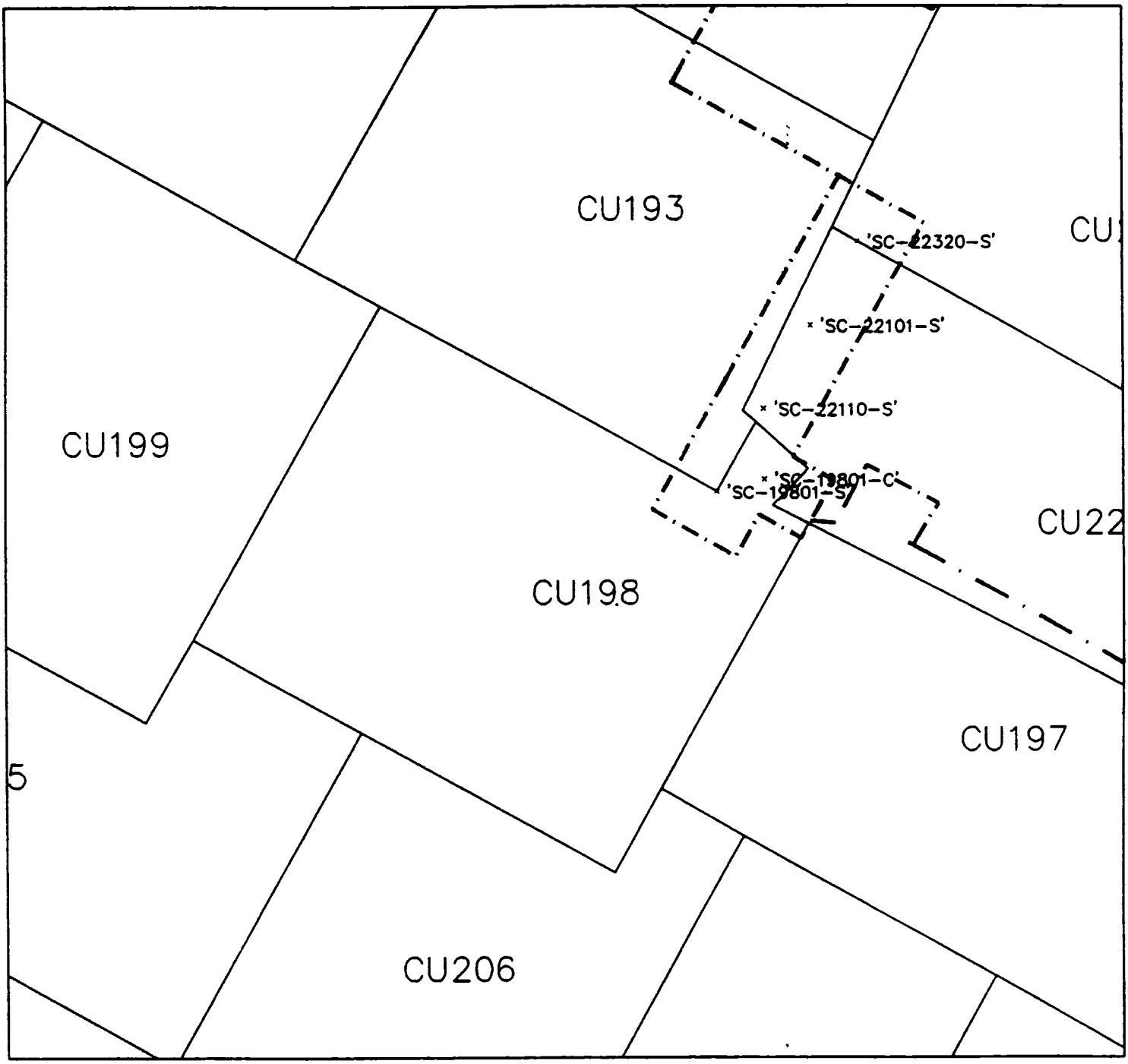
N

Radiation Survey Form WP 437, RU 22 CU 198

Date Plotted 5/02/00 DBO CAD

Meter Model #:	2221	Detector Model #:	2x2 NaI "M"
Meter Serial #:	117617	Detector Serial #:	130764
Calibration Date:	10/13/00	Calibration Date:	9/24/00
Survey Date / Time:	5/1/00	Field Bkg.:	5300 cpm
Surveyor(s):	C. Hanson		

Comments: Area was surveyed and found to be less than 1.5 times background



LEGEND

· 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

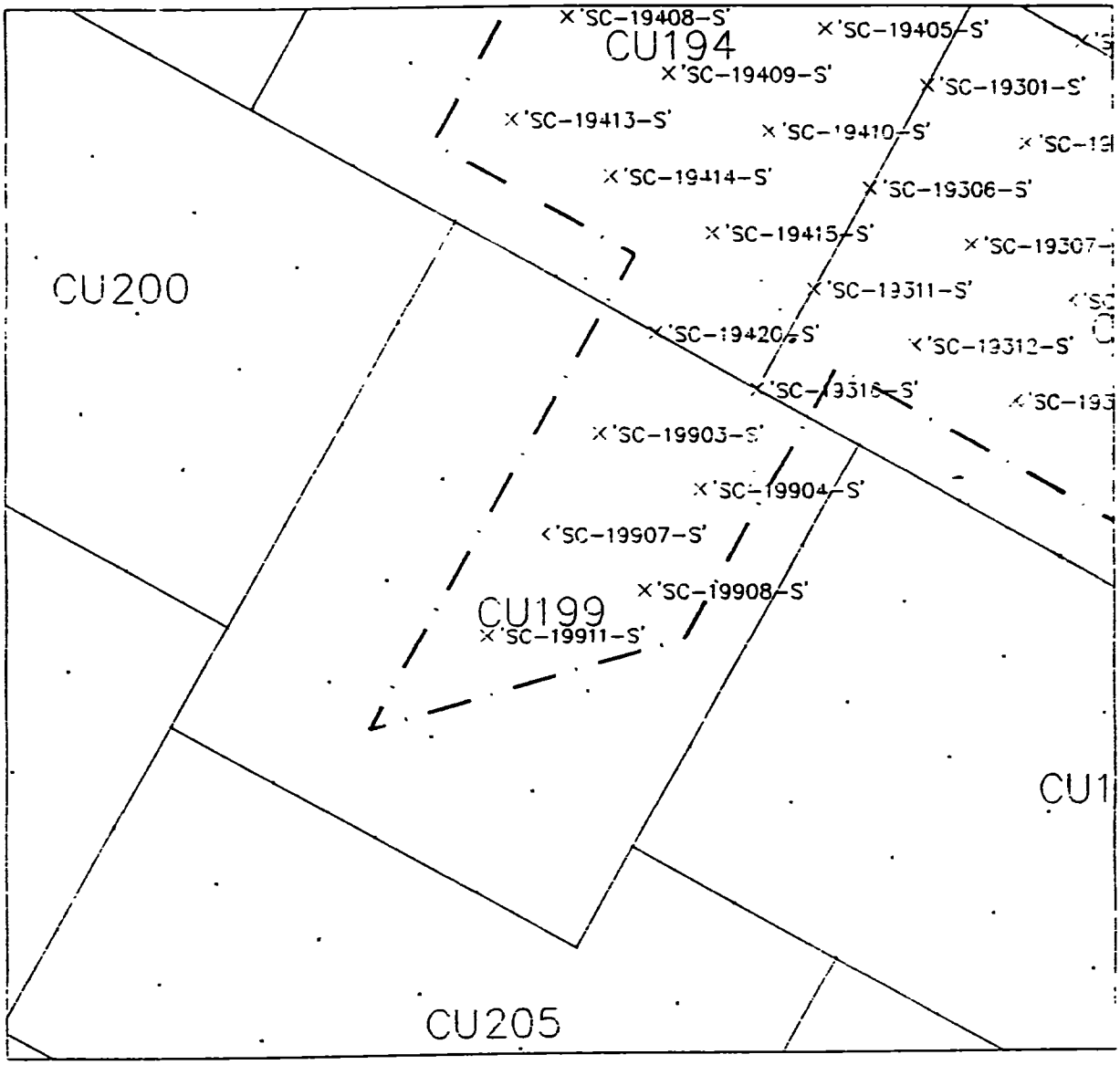
N

Radiation Survey Form WP 437, RU 22 CU 198

Date Plotted 5/10/00

DBO CAD

Meter Model #:	2221	Detector Model #:	2x2 "F"
Meter Serial #:	99158	Detector Serial #:	122191
Calibration Due:	7/24/00	Calibration Due:	9/24/00
Survey Date / Time:	5/5/00	Field Bkg.:	5,000 cpm
Surveyor(s):	C. Hanna, T. Brower		
Comments:	All readings <1.5 Bkg		



LEGEND

SAMPLE POINTS NOT PINNED

SC-32606-S — SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU 199

7-30-99 DHO CAD

Meter Model #:	2221	Detector Model #:	NaI "2x2"
Meter Serial #:	117607	Detector Serial #:	25143
Calibration Due:	12-18-99	Calibration Due:	01-24-00
Survey Date / Time:	07-19-99	Field Bkg.:	12,000 cpm
Surveyor(s):	J. Ross		
Comments:	All areas surveyed < 1.5 BKG.		

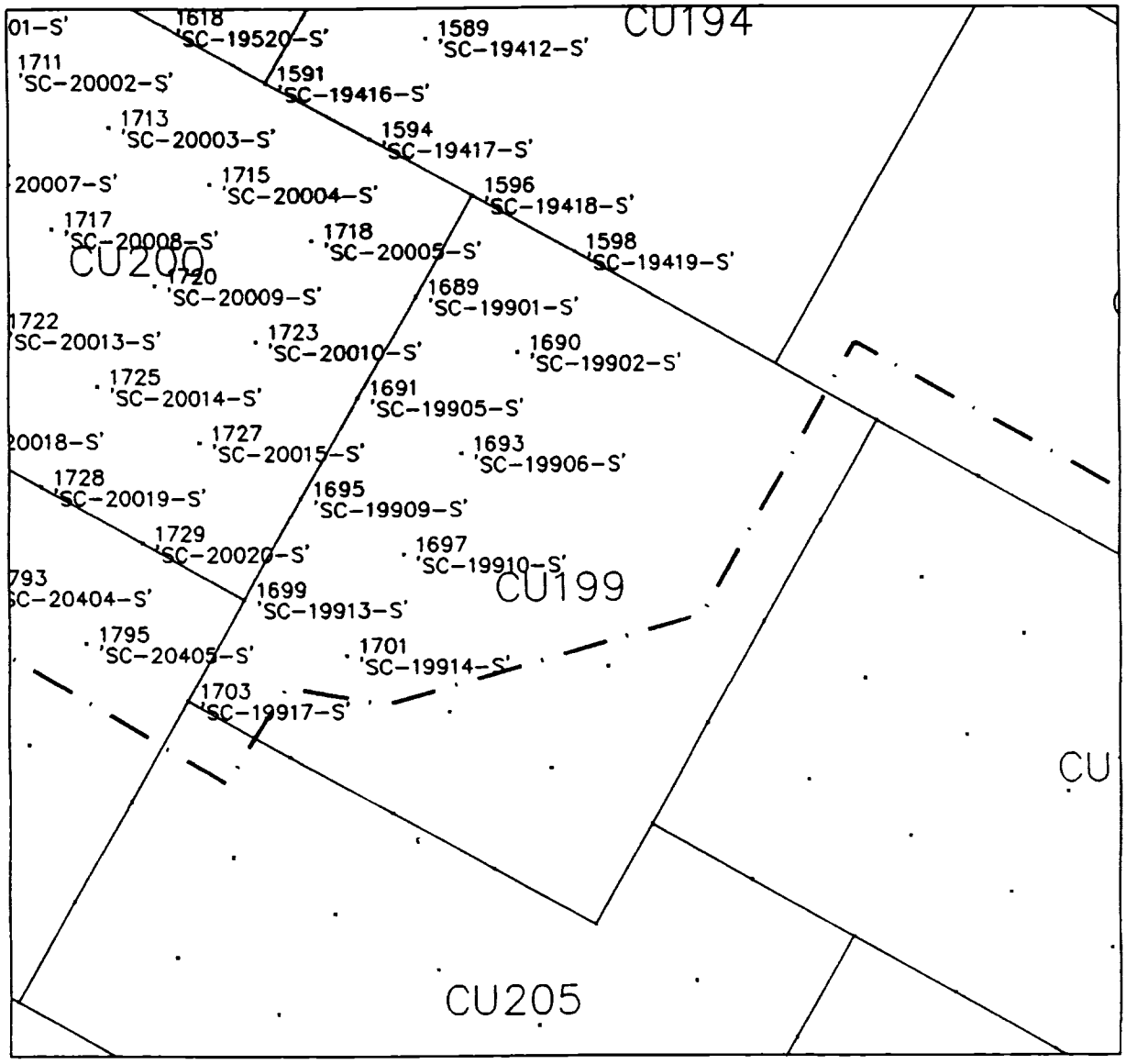
N

GRAPHIC SCALE

50 0 25 50

(IN FEET)

1 inch = 50 ft.



LEGEND

·	SAMPLE POINTS NOT PINNED
× 'SC-32606-S'	SAMPLE POINTS PINNED
— · — · —	PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU 199

7/30/99 DHO CAD

Meter Model #:	2221	Detector Model #:	NaI "2x2"
Meter Serial #:	117607	Detector Serial #:	25143
Calibration Due:	12-18-99	Calibration Due:	01-24-00
Survey Date / Time:	07-20-99	Field Bkg.	12,000 cpm
Surveyor(s)	J. Rankin		
Comments.	All areas surveyed < 1.5 BKG		

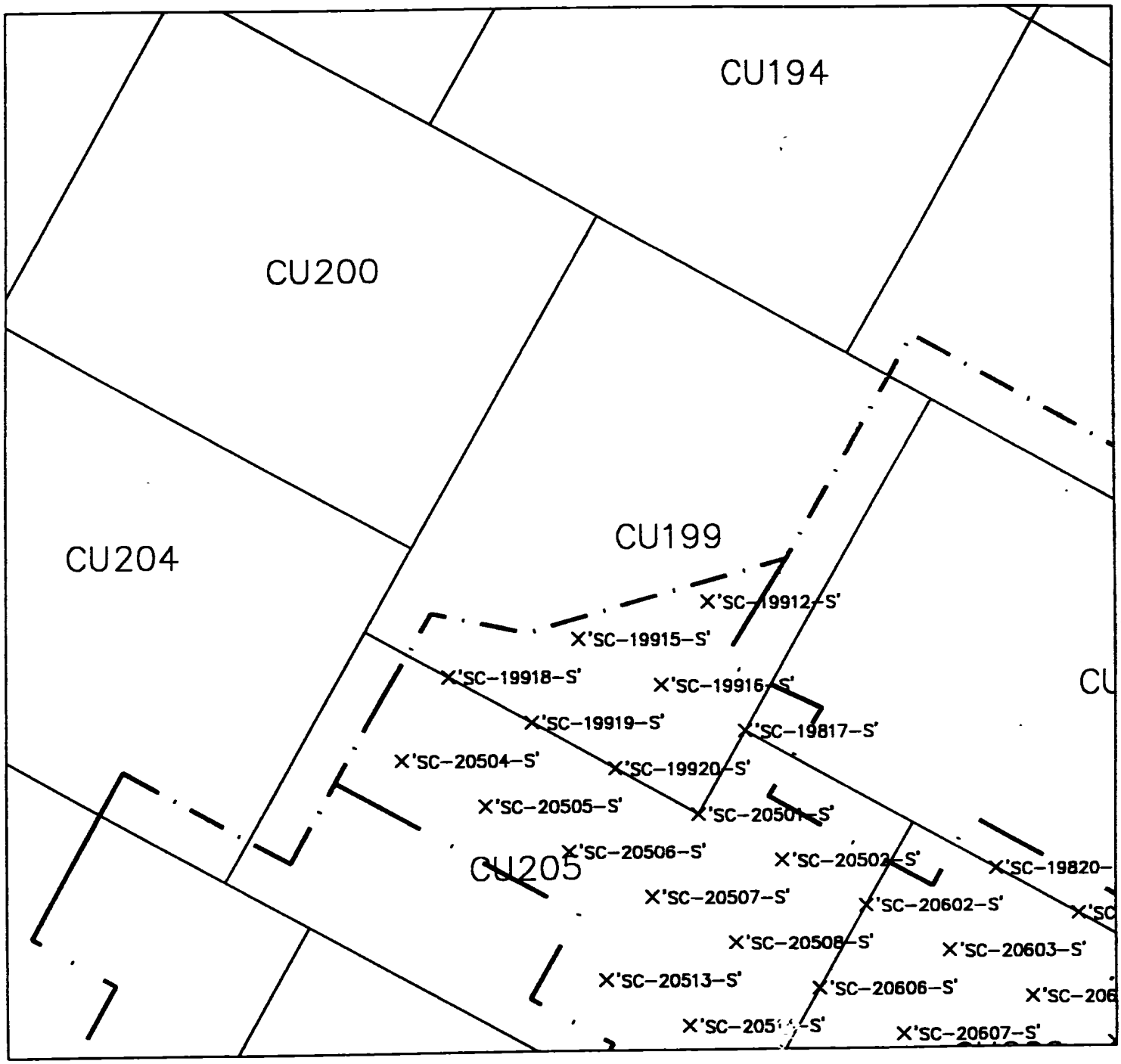
N

GRAPHIC SCALE

50 0 25 50

(IN FEET)

1 inch = 50 ft.



LEGEND

· 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

N

GRAPHIC SCALE

50 0 50 100

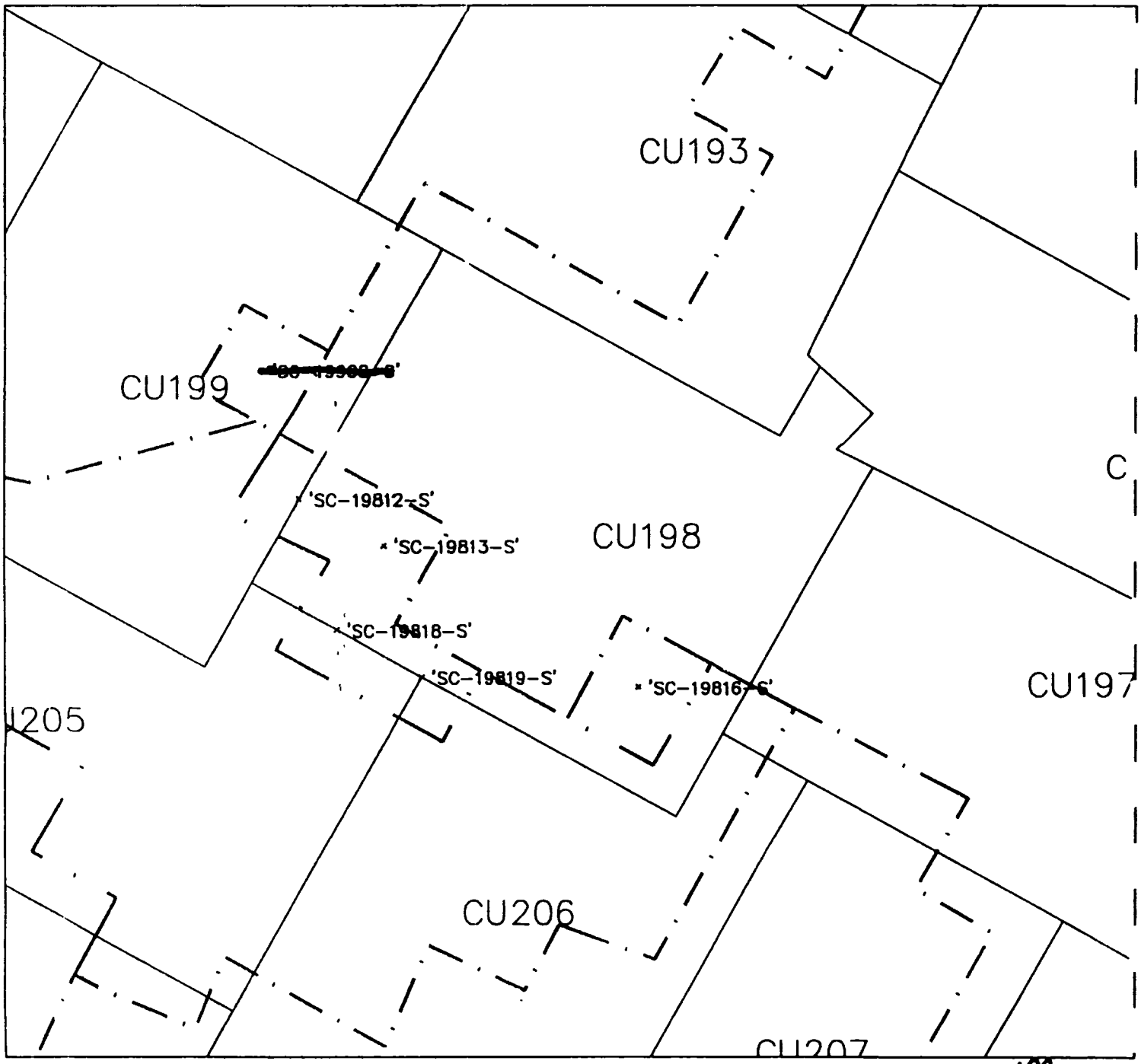
(IN FEET)
1 inch = 50 ft.

Radiation Survey Form WP 437, RU 22 CU 199

Date Plotted 3/31/00 DBD CAD

Meter Model #:	2221	Detector Model #:	2+L NaI 6"
Meter Serial #:	130764 117617	Detector Serial #:	130764
Calibration Date:	10/13/00	Calibration Date:	9/27/00
Survey Date / Time:	3/31/00	Field Bkg.:	6000 cpm
Surveyor(s):	C. Hanner		

Comments: Area was surveyed and found to be less than 1.5 times background



LEGEND

'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

N

GRAPHIC SCALE

50 0 50 100

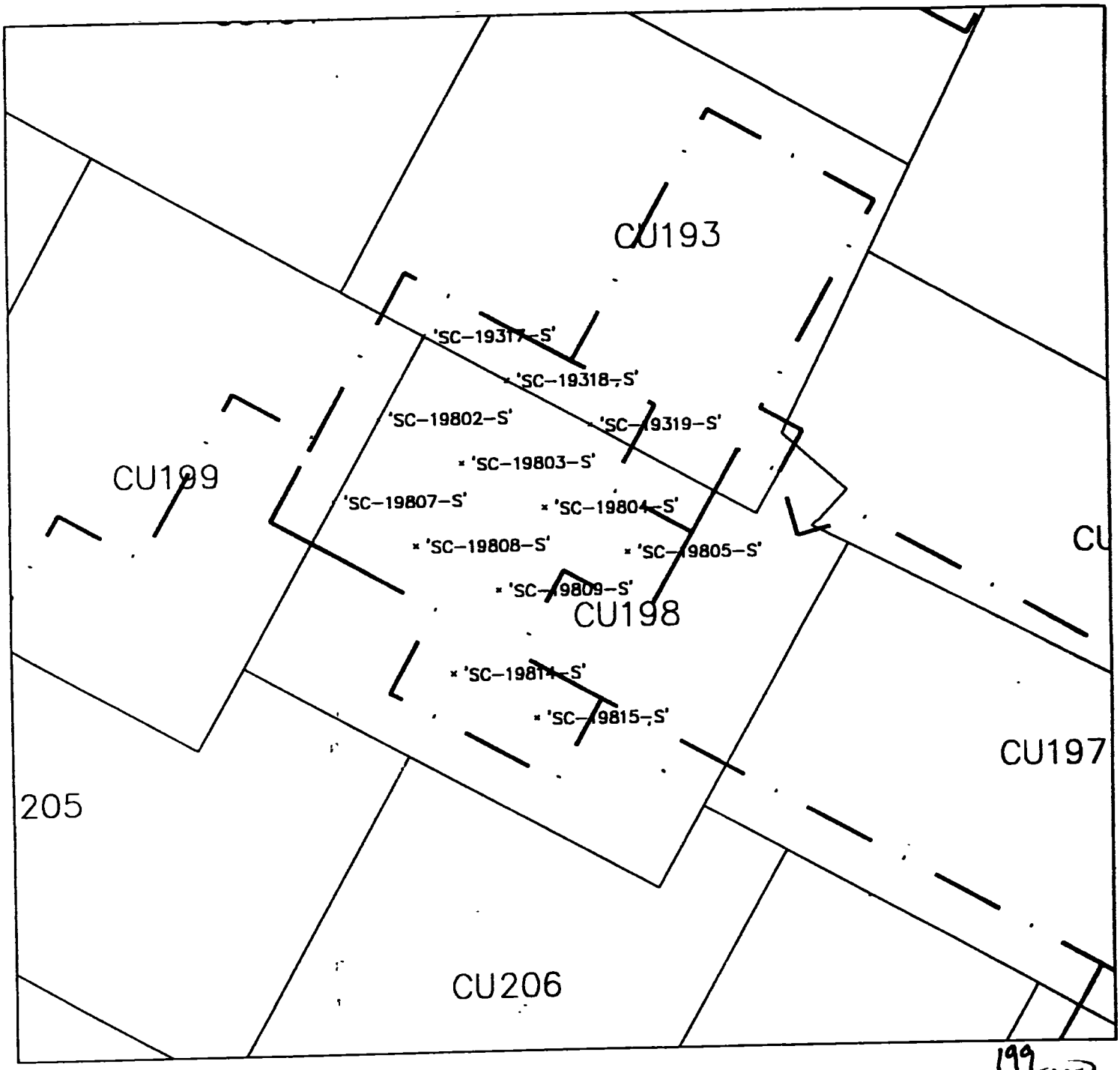
(IN FEET)
1 inch = 50 ft.

Radiation Survey Form WP 437, RU 22 CU ~~190~~ 199 (DP)

Date Plotted 4-3-00

DFIO CAD

Meter Model #:	2221	Detector Model #:	3x2 "n"
Meter Serial #:	117617	Detector Serial #:	130764
Calibration Due:	10/13/00	Calibration Due:	9/24/00
Survey Date / Time:	4/3/00	Field Bkg.:	5,000 cpm
Surveyor(s):	T. Brower		
Comments:	All readings <1.5x BKg.		



LEGEND

· 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

N

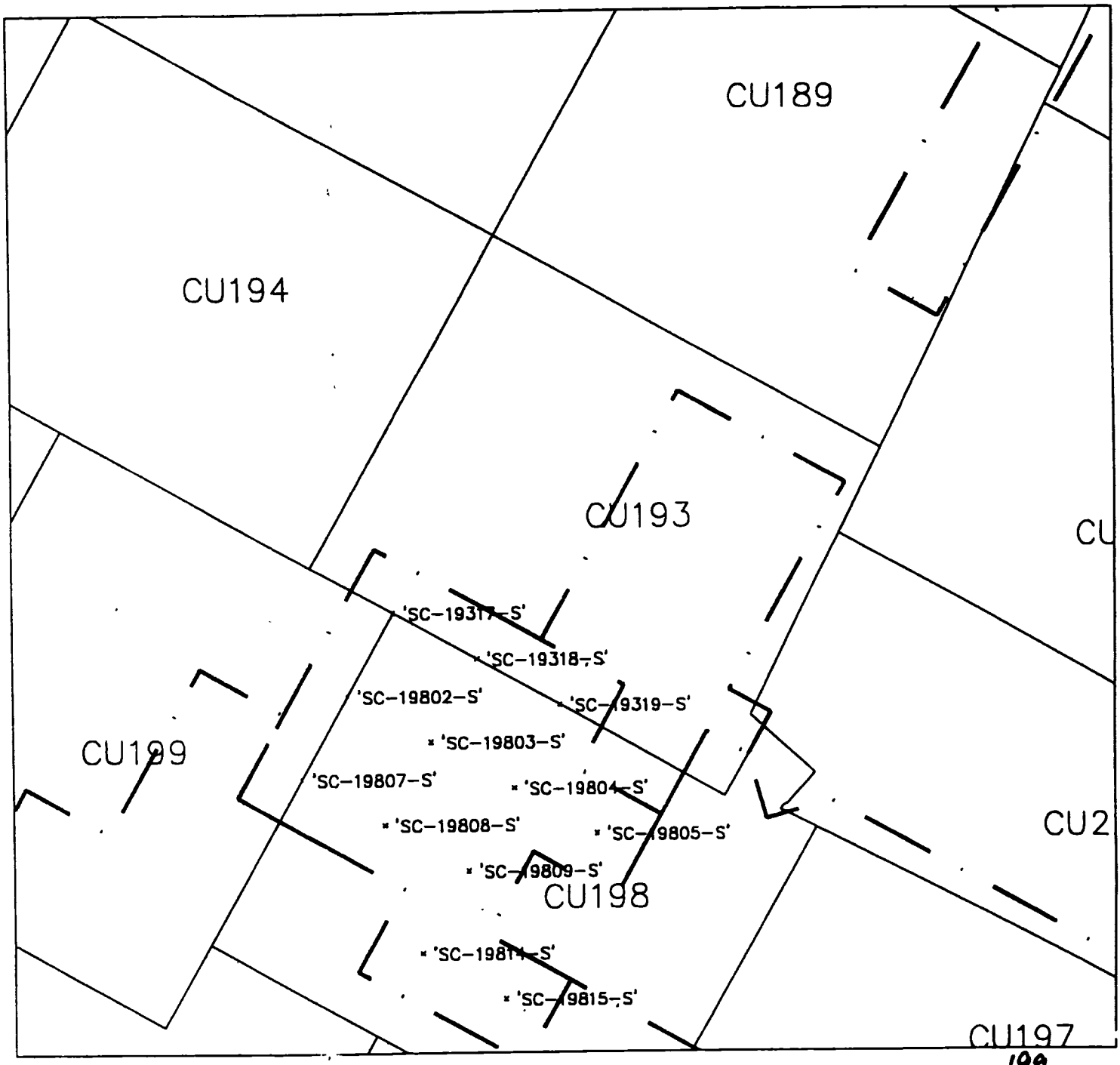
Radiation Survey Form WP 437, RU 22 CU ~~198~~ 199 (DE)

Date Plotted 5/02/00

DEO CAD

Meter Model #:	2221	Detector Model #:	2x2 NaI "M"
Meter Serial #:	117617	Detector Serial #:	130764
Calibration Due:	10/13/00	Calibration Date:	9/24/00
Survey Date / Time:	5/1/00	Field Bkg.:	5300 cpm
Surveyor(s):	C. Hanner		

Comments: Area was surveyed and found to be less than 1.5 times background



LEGEND

• 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

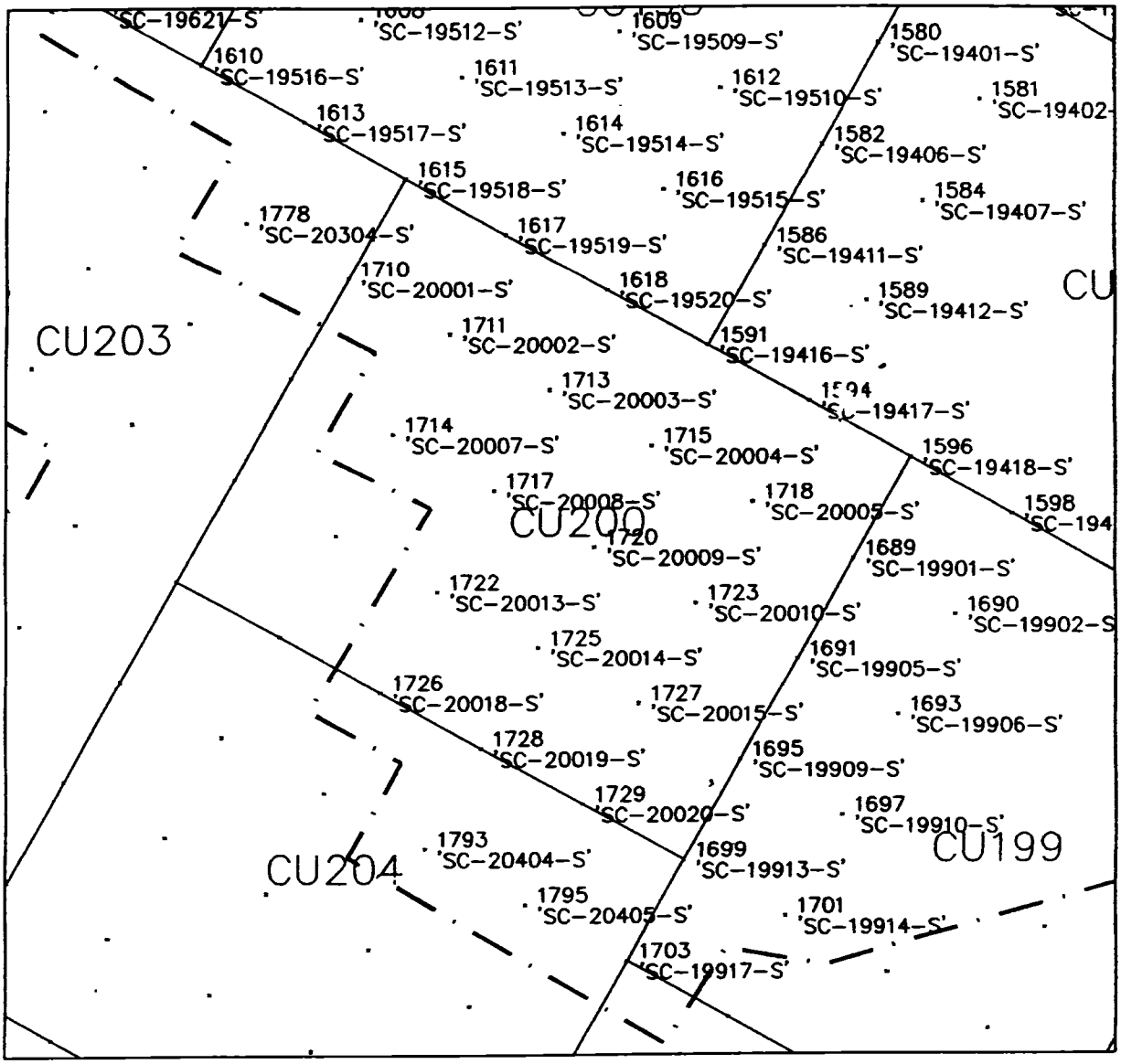
N

Radiation Survey Form WP 437, RU 22 CU ~~193~~ 199 (DF)

Date Plotted 5/02/00 DBO CAD

Meter Model #:	2221	Detector Model #:	2x2 NaI "M"
Meter Serial #:	117617	Detector Serial #:	130764
Calibration Date:	10/13/00	Calibration Date:	9/29/00
Survey Date / Time:	5/1/00	Field Bkg.:	5300 cpm
Surveyor(s):	C. Hanner		

Comments: Area was surveyed and found to be less than 1x time background



LEGEND

. SAMPLE POINTS NOT PINNED

×'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU 200

7/30/99 DHO CAD

Meter Model # :	2221	Detector Model #:	NaI "2x2"
Meter Serial # :	117607	Detector Serial #:	25143
Calibration Due:	12-18-99	Calibration Due:	01-24-00
Survey Date / Time:	07-21-99	Field Bkg.:	12,000 cpm
Surveyor(s):	J. Rankin		
Comments:	All areas surveyed < 1.5 BKG		

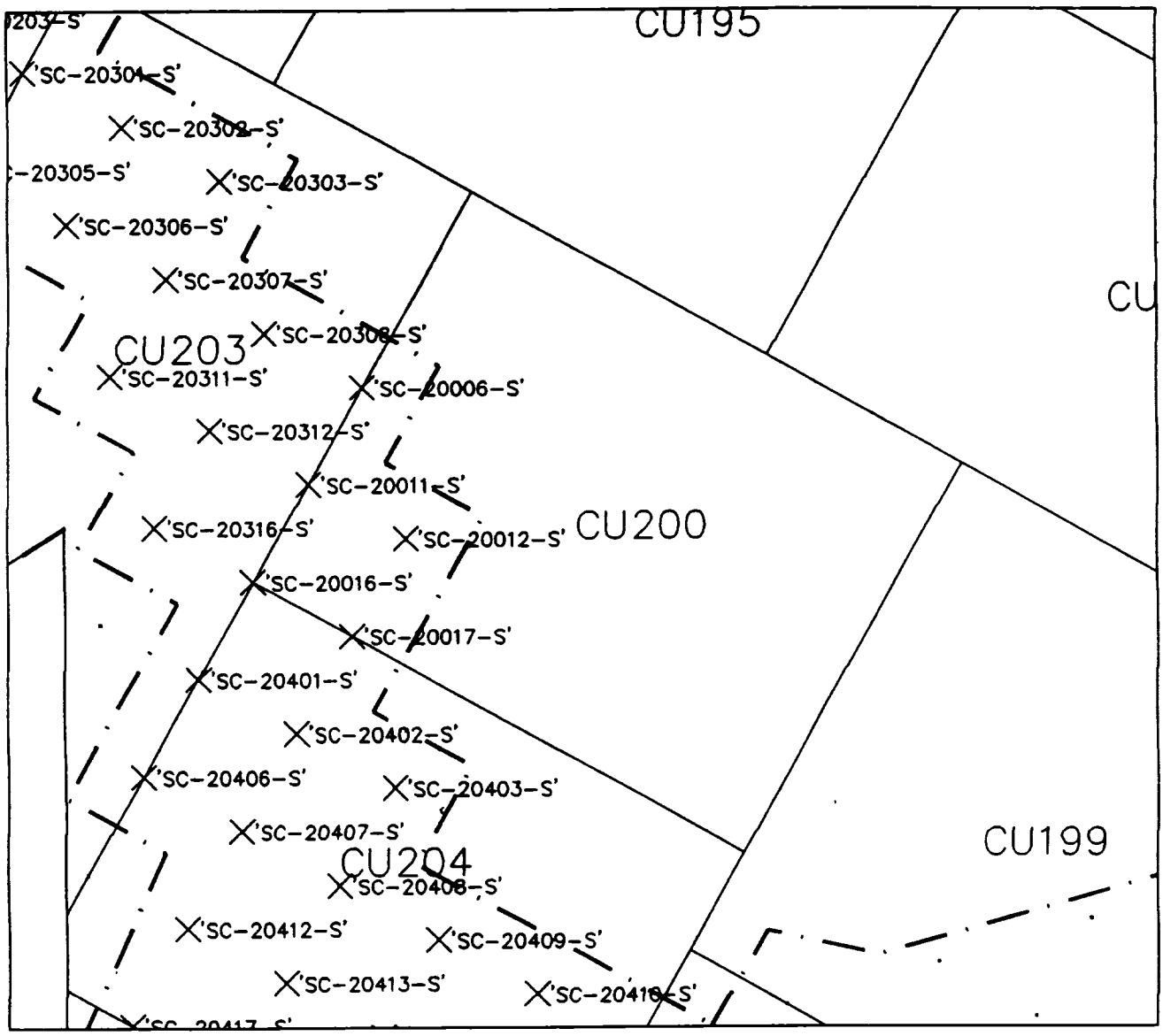
N

GRAPHIC SCALE

50 0 25 50

(IN FEET)

1 inch = 50 ft.



LEGEND

.	SAMPLE POINTS NOT PINNED
×'SC-32606-S'	SAMPLE POINTS PINNED
— · — · —	PINNING LIMITS

Radiation Survey Form WP 437, RU ~~200~~ 22 CU 200

8/25/99

DHO CAD

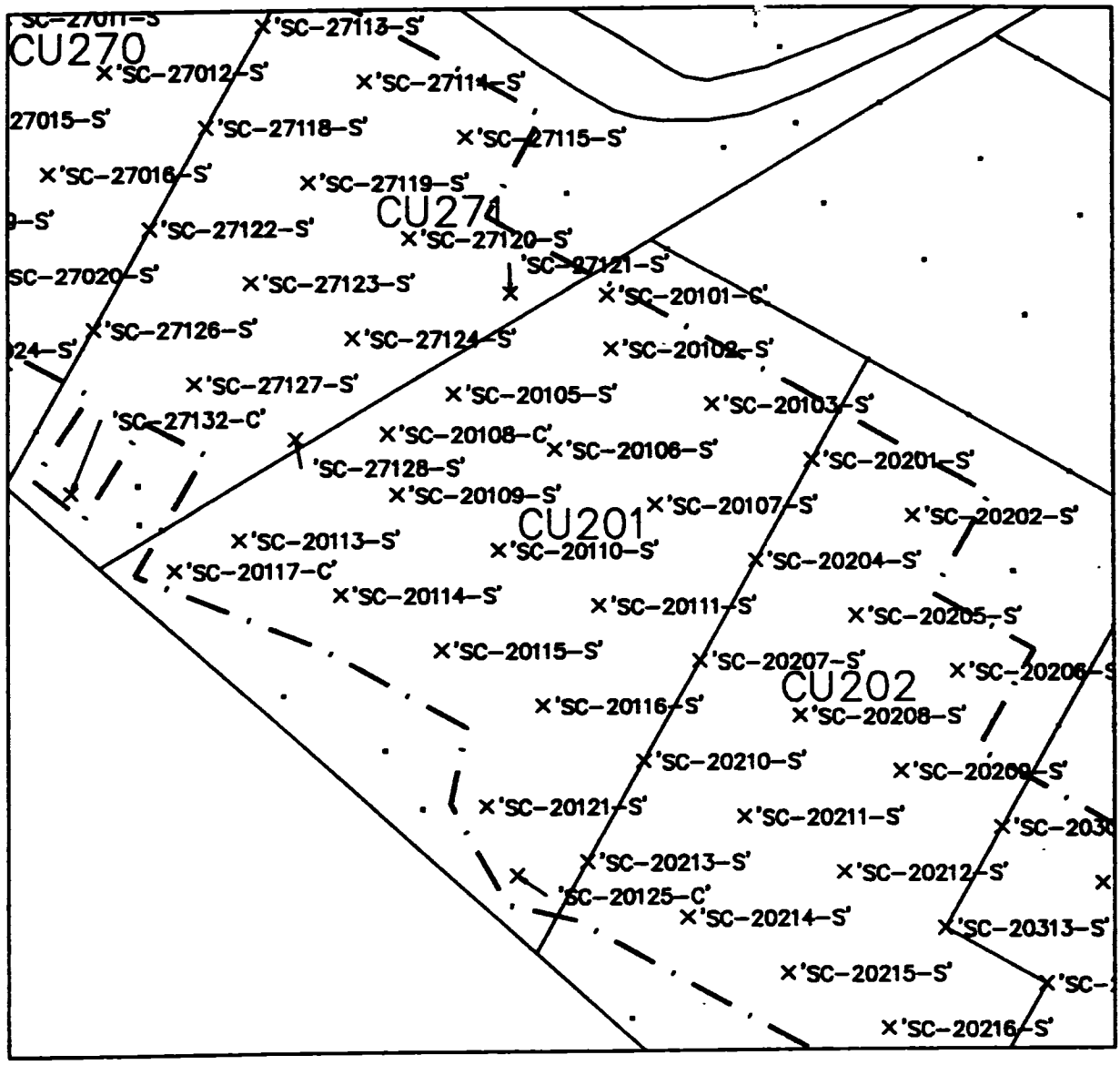
Meter Model #:	2221	Detector Model #:	NaI 2-2
Meter Serial #:	127247	Detector Serial #:	122191
Calibration Due:	09-25-99	Calibration Due:	01-24-00
Survey Date / Time:	08-02-99	Field Bkg.:	12,000 cpm
Surveyor(s):	J. Rankin		
Comments:	Area surveyed < 1.5 Bkg.		

N

GRAPHIC SCALE

50 0 25 50

(IN FEET)
1 inch = 50 ft.



LEGEND

• 'SC-32606-S'	SAMPLE POINTS NOT PINNED
× 'SC-32606-S'	SAMPLE POINTS PINNED
— · — · —	PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU 201

DBO CAD

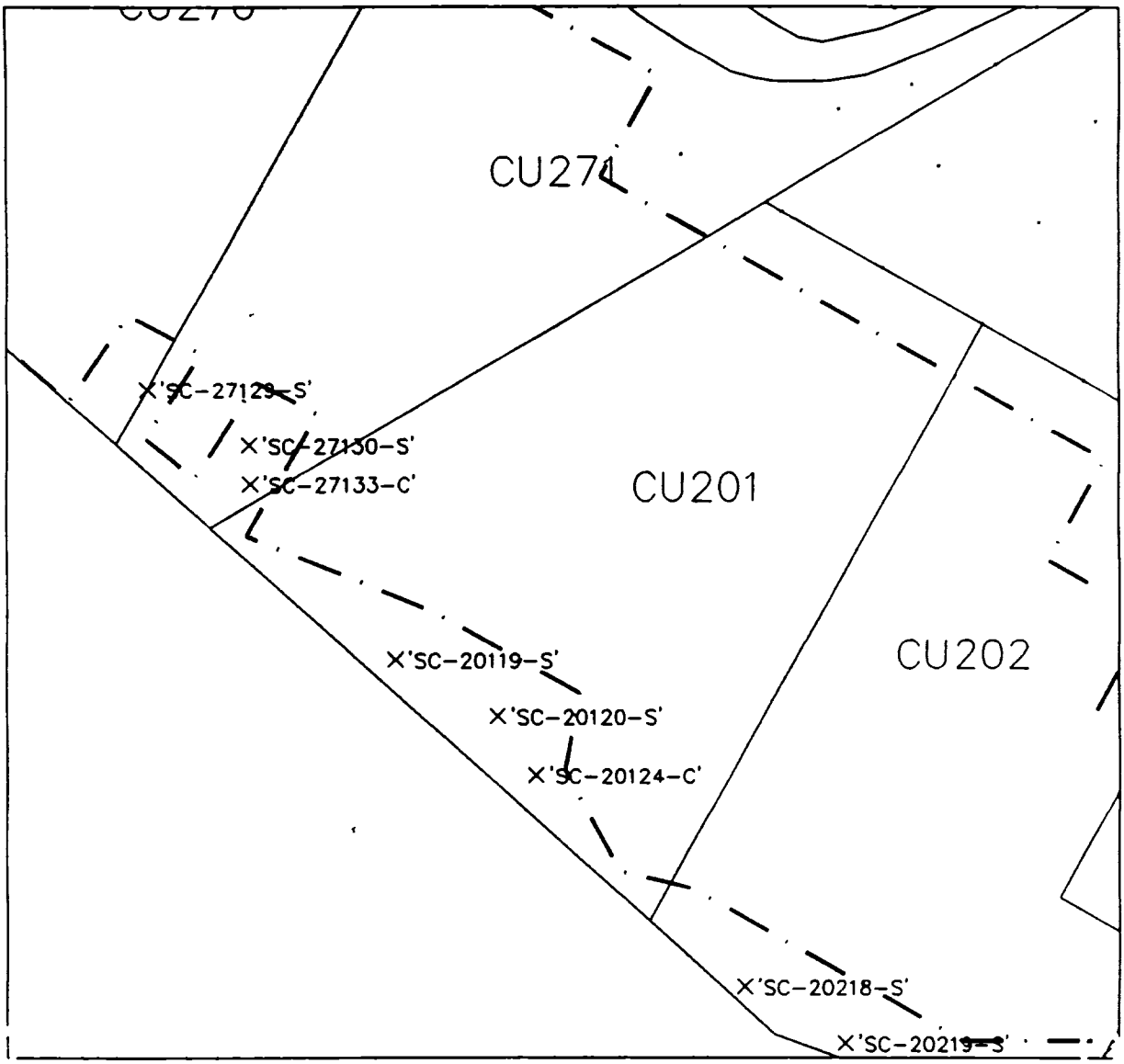
Meter Model #:	2221	Detector Model #:	2x2 NaI "G"
Meter Serial #:	127247	Detector Serial #:	122191
Calibration Due:	9/25/99	Calibration Due:	1/24/00
Survey Date / Time:	6/24/99	Field Bkg.:	10,000 cpm
Surveyor(s):	C. Hanner		
Comments:	Area was surveyed and found to be less than 1.5 times background		

N

GRAPHIC SCALE

50 0 25 50

(IN FEET)
1 inch = 50 ft.



LEGEND

·	SAMPLE POINTS NOT PINNED
X'SC-32606-S'	SAMPLE POINTS PINNED
— · — · —	PINNING LIMITS

Radiation Survey Form WP 437, RU 21 CU 201

DHO CAD

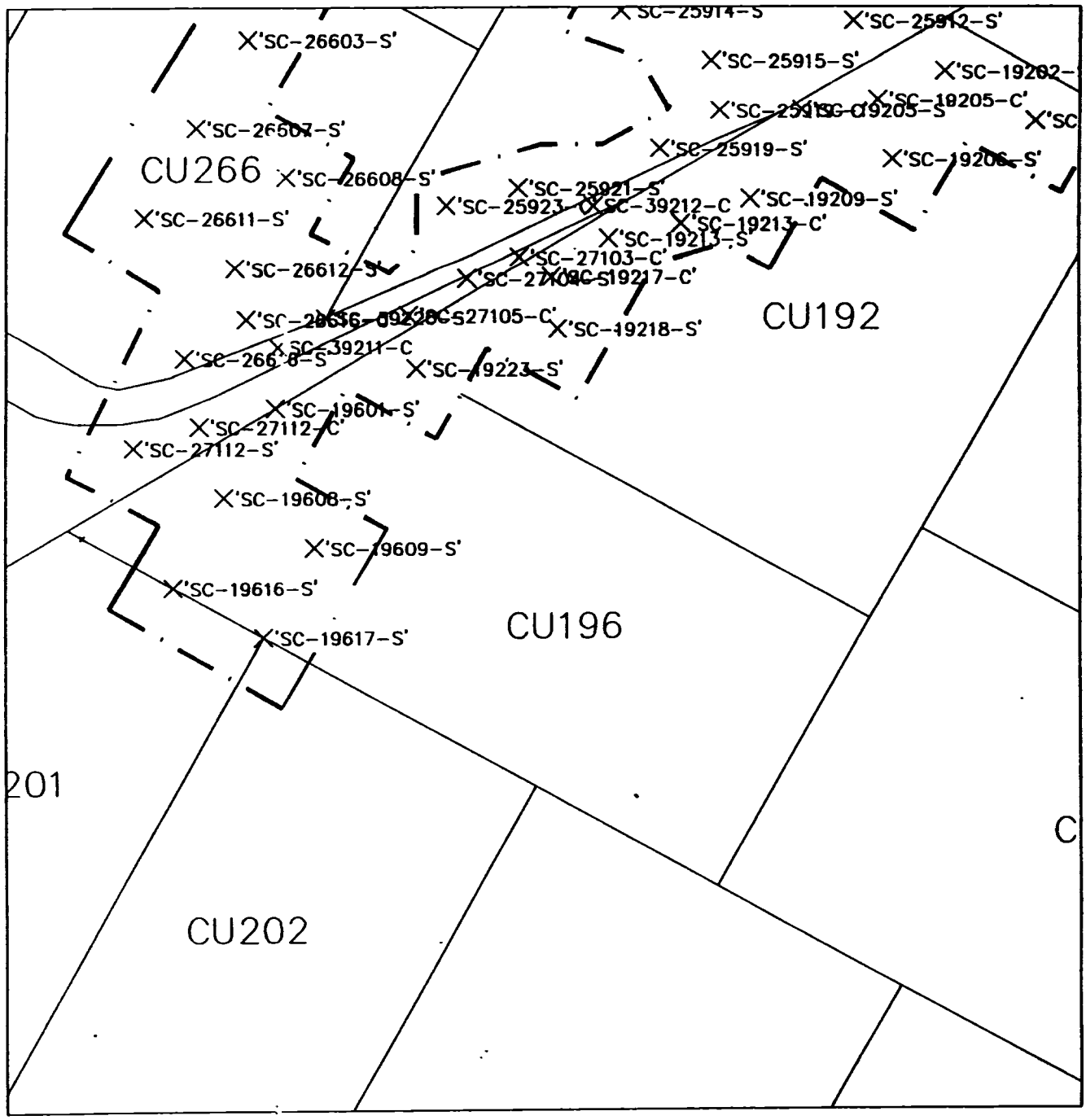
Meter Model #	2221	Detector Model #	NaI "2x2"
Meter Serial #	11766.7	Detector Serial #	25143
Calibration Due:	12-18-99	Calibration Due	01-24-00
Survey Date / Time:	7-12-99	Field Bkg.	8,000 cpm
Surveyor(s)	J. Bowlin		
Comments.	All areas surveyed were <1.5 BK		

N

GRAPHIC SCALE

50 0 25 50

(IN FEET)
1 inch = 50 ft.



LEGEND

SAMPLE POINTS NOT PINNED

X'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

N

GRAPHIC SCALE

50 0 25 50

(IN FEET)

1 inch = 50 ft.

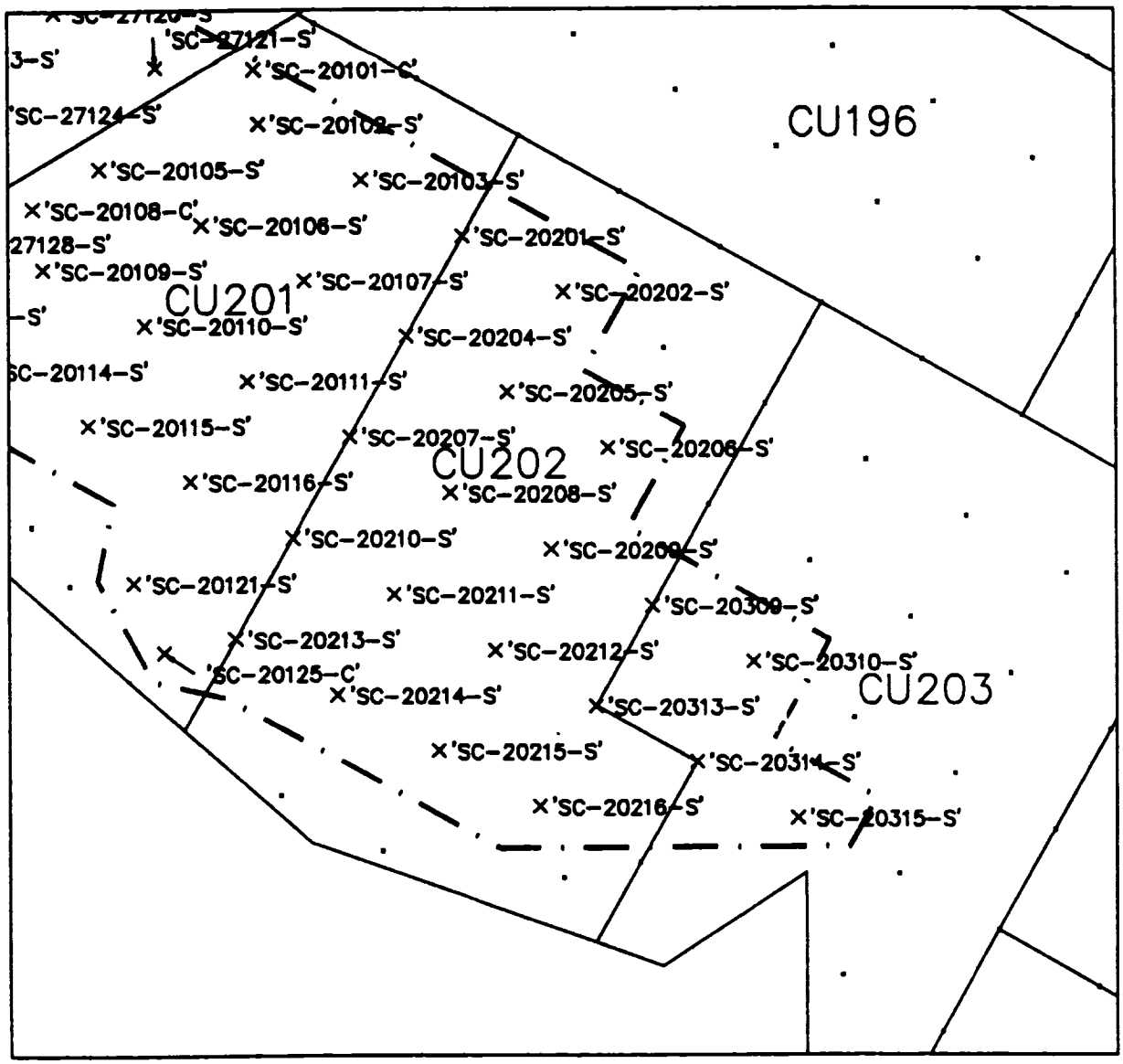
Radiation Survey Form WP 437, RU 22 CU 196 201

10/26/99

DHO CAD

Meter Model #:	2221	Detector Model #:	2x2 NaI "G"
Meter Serial #:	127252	Detector Serial #:	4241
Calibration Due:	9/2/00	Calibration Due:	1/24/00
Survey Date / Time:	10/25/99	Field Bkg.:	8,000 cpm
Surveyor(s):	C. Hanner		

Comments: Area was surveyed and found to be less than 1.5 times background



LEGEND

· 'SC-32606-S' SAMPLE POINTS NOT PINNED

× 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU 202

DEO CAD

Meter Model #:	2221	Detector Model #:	2x2 NaI "G"
Meter Serial #:	127247	Detector Serial #:	122191
Calibration Due:	9/25/99	Calibration Due:	1/29/00
Survey Date / Time:	6/29/99	Field Bkg.:	10,000 cpm
Surveyor(s):	C. Hanner		
Comments:	Area was surveyed and found to be less than 1.5 times background		

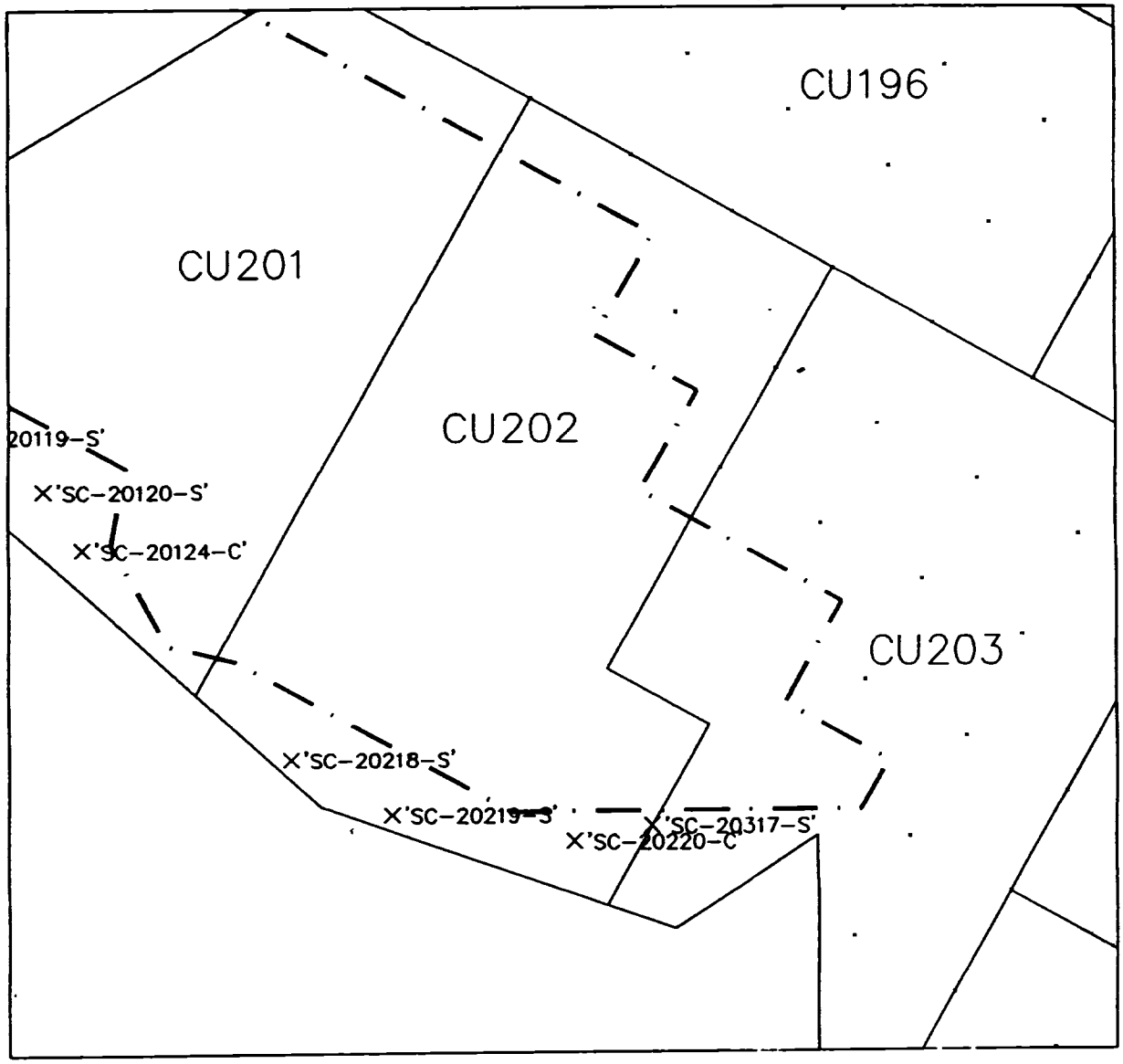
N

GRAPHIC SCALE

50 0 25 50

(IN FEET)

1 inch = 50 ft.



LEGEND

SAMPLE POINTS NOT PINNED

X'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

Radiation Survey Form WP 437, RU 21 CU 202

DHO CAD

Meter Model #:	2221	Detector Model #:	NaI "2x2"
Meter Serial #:	117607	Detector Serial #:	25143
Calibration Due:	12-18-99	Calibration Due:	01-24-00
Survey Date / Time:	7-12-99	Field Bkg.:	8,000 cpm
Surveyor(s):	J. Barker		
Comments:	All areas surveyed were <15 BKG.		

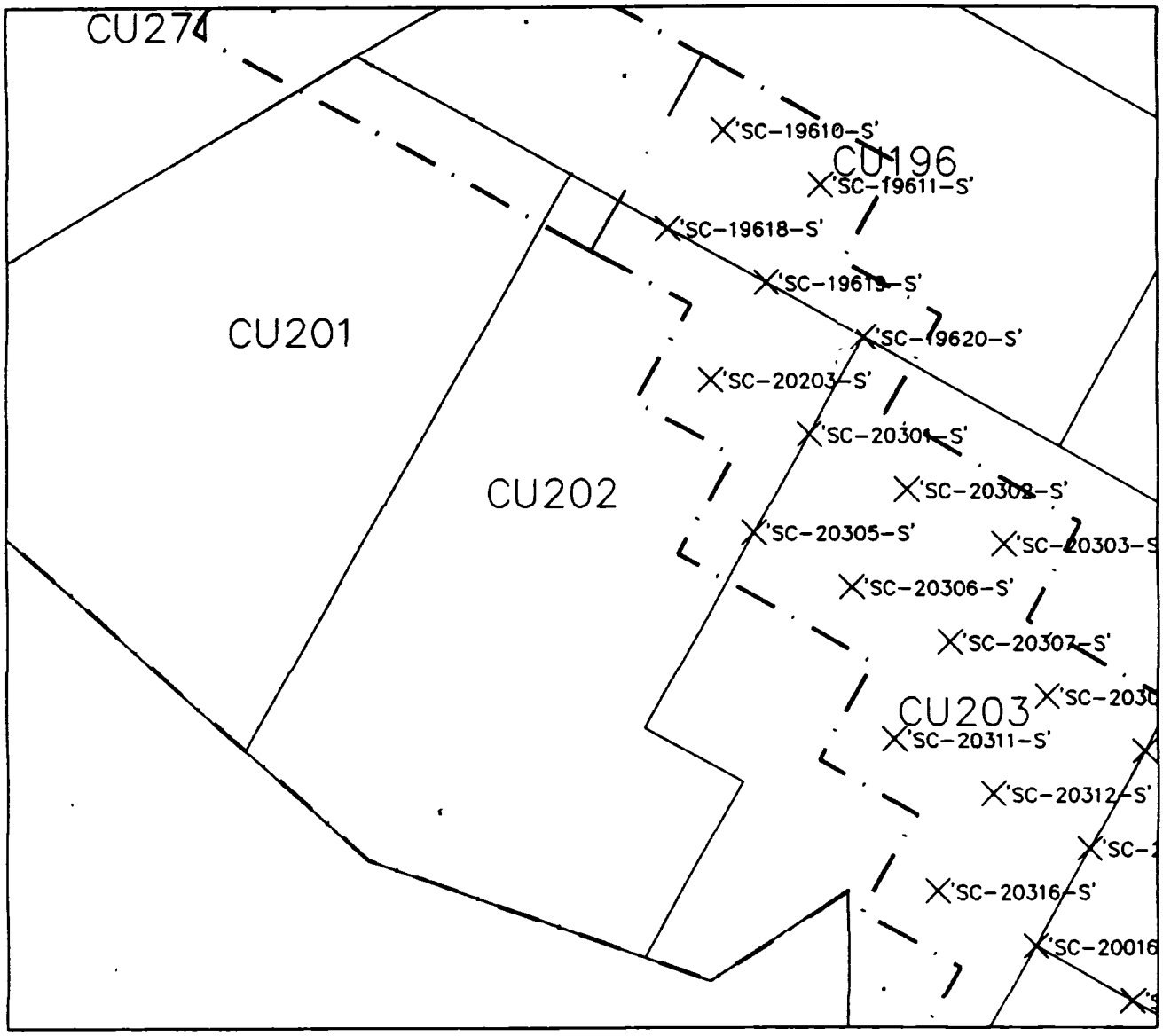
N

GRAPHIC SCALE

50 0 25 50

(IN FEET)

1 inch = 50 ft.



LEGEND

•	SAMPLE POINTS NOT PINNED
×'SC-32606-S'	SAMPLE POINTS PINNED
— · — · —	PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU 202

8/25/99

DBO CAD

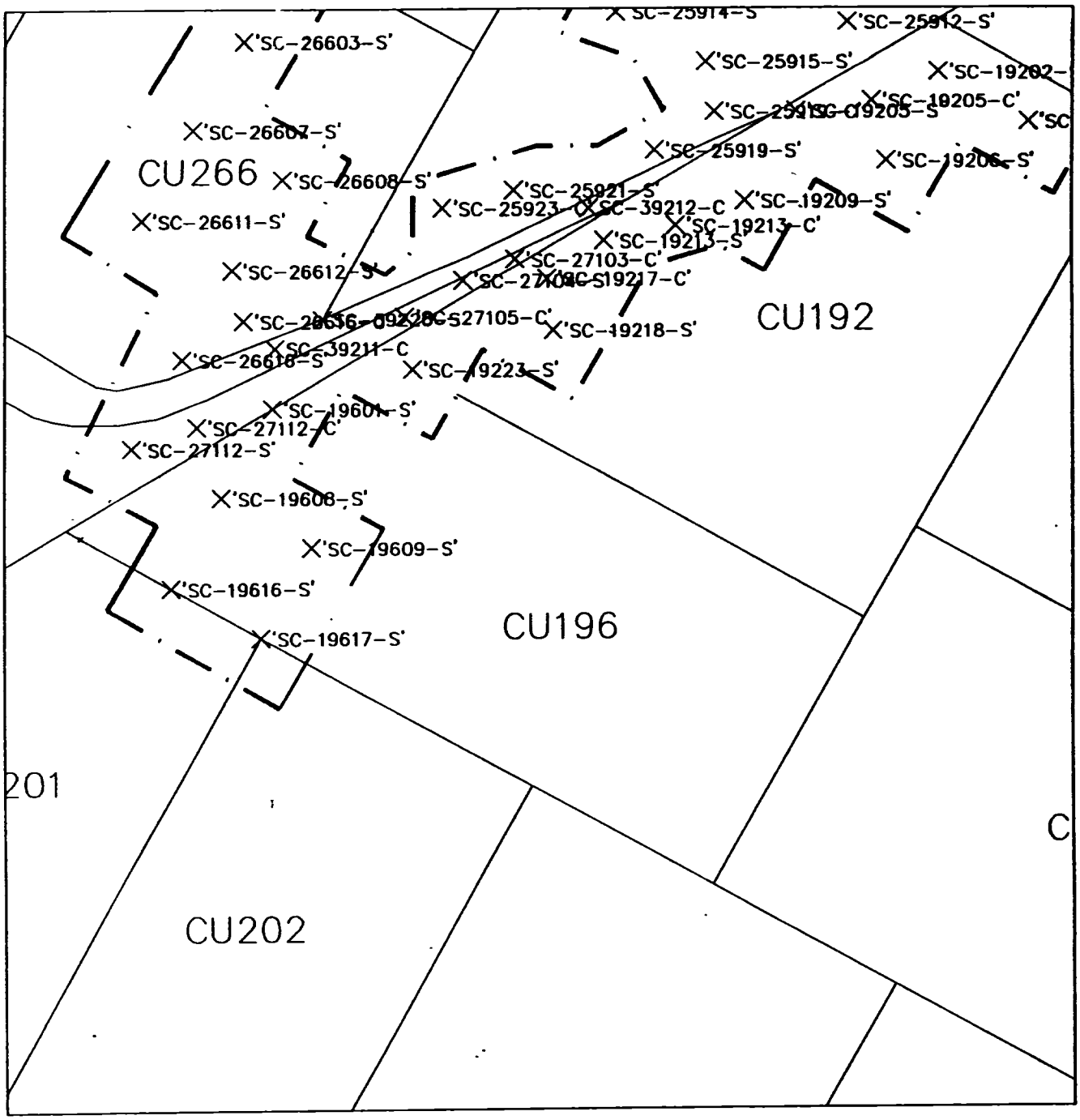
Meter Model #:	2221	Detector Model #:	NaI "2x2
Meter Serial #:	127427	Detector Serial #:	122191
Calibration Due:	09-25-99	Calibration Due:	01-24-00
Survey Date / Time:	08-02-99	Field Bkg.:	12,000 cpm
Surveyor(s):	J. Rankin		
Comments:	Area surveyed < 1.5 BKG.		

N

GRAPHIC SCALE

50 0 25 50

(IN FEET)
1 inch = 50 ft.



LEGEND

SAMPLE POINTS NOT PINNED

X'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

N

GRAPHIC SCALE

50 0 25 50

(IN FEET)
1 inch = 50 ft.

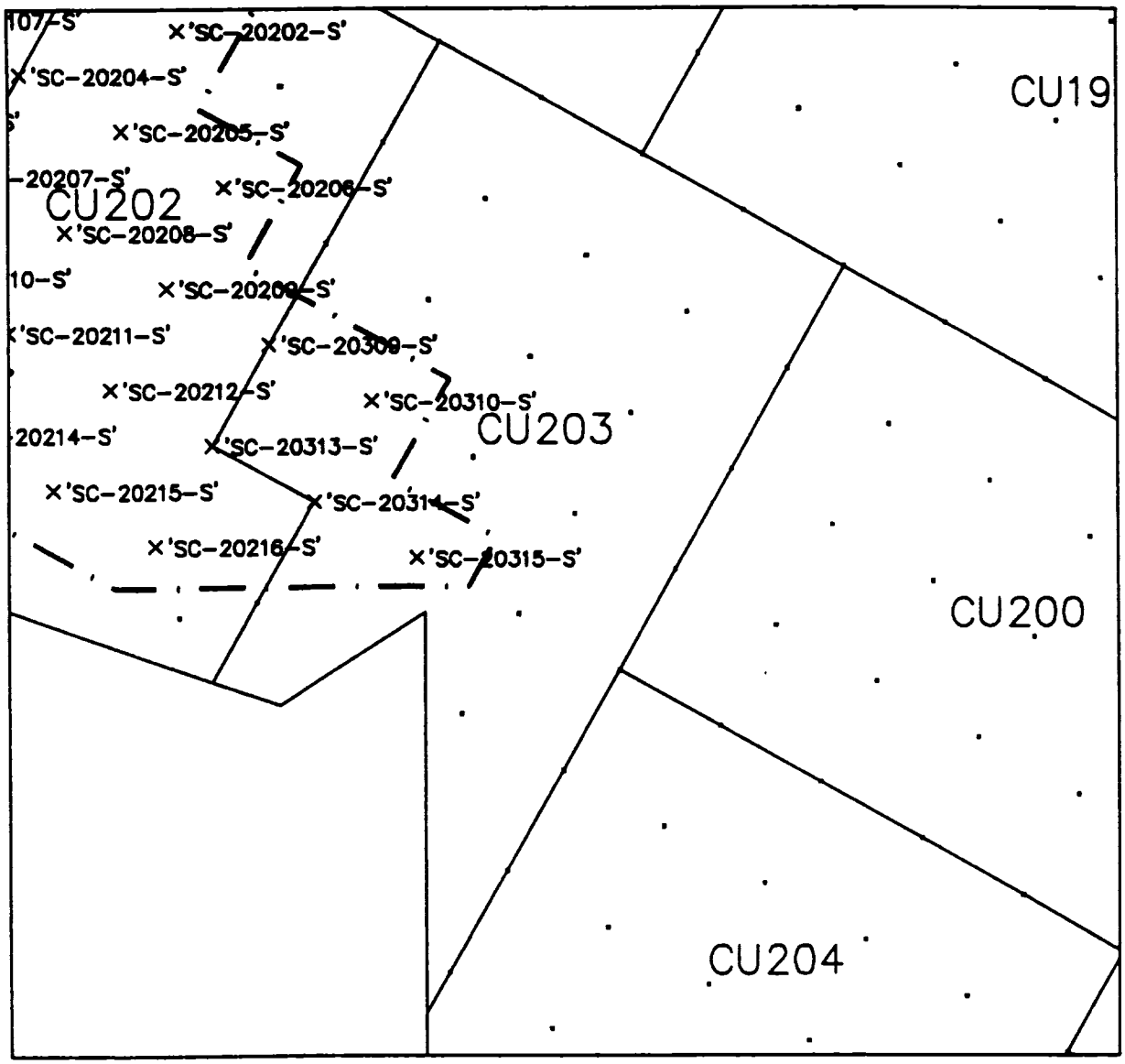
Radiation Survey Form WP 437, RU 22 **CU** ~~190~~ 202

10/26/99

DEO CAD

Meter Model #:	2221	Detector Model #:	2x2 NaI "G"
Meter Serial #:	127252	Detector Serial #:	4241
Calibration Due:	9/2/00	Calibration Due:	1/24/00
Survey Date / Time:	10/25/99	Field Bkg.:	8,000 cpm
Surveyor(s):	C. Hanner		

Comments: Area was surveyed and found to be less than 1.5 times background



LEGEND

· 'SC-32606-S' SAMPLE POINTS NOT PINNED
× 'SC-32606-S' SAMPLE POINTS PINNED
— · — · — PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU 203

DEO CAD

Meter Model #:	2221	Detector Model #:	2x2 NaI "G"
Meter Serial #:	127247	Detector Serial #:	122191
Calibration Date:	9/25/99	Calibration Date:	1/29/00
Survey Date / Time:	6/24/99	Field Bkg.:	10,000 cpm
Surveyor(s):	C. Hanner		

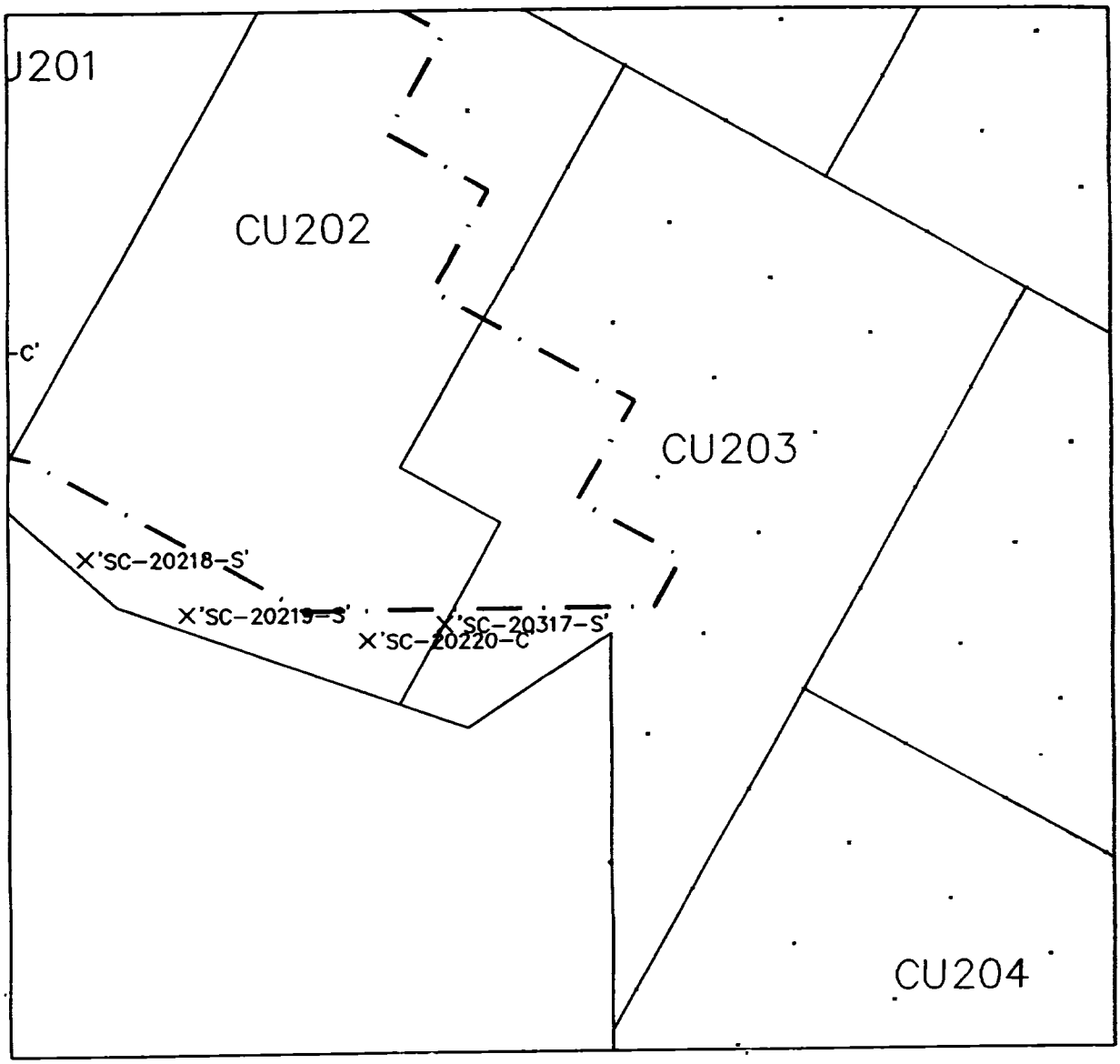
Comments: Area was surveyed and found to be less than 1.5 times background

N

GRAPHIC SCALE

50 0 25 50

(IN FEET)
1 inch = 50 ft.



LEGEND

.	SAMPLE POINTS NOT PINNED
X'SC-32606-S'	SAMPLE POINTS PINNED
— · — · —	PINNING LIMITS

Radiation Survey Form WP 437, RU 21 CU 203

DHO CAD

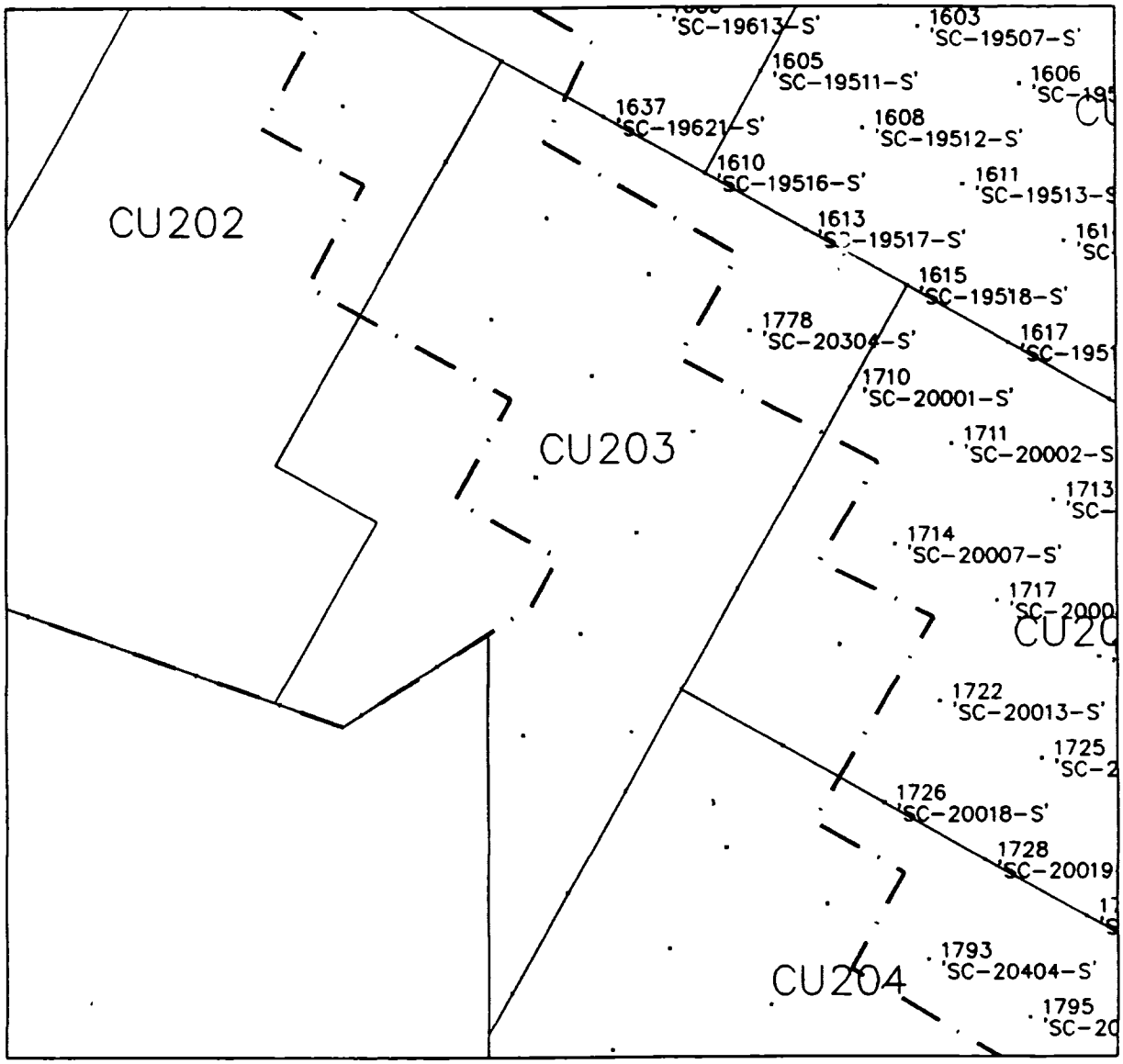
Meter Model #:	2221	Detector Model #:	NaI "2-2"
Meter Serial #:	117607	Detector Serial #:	25143
Calibration Due:	12-18-99	Calibration Due:	01-24-00
Survey Date / Time:	7-12-99	Field Bkg.:	8,000 cpm
Surveyor(s):	J. Rankin		
Comments:	All areas surveyed were <1.5 bk		

N

GRAPHIC SCALE

50 0 25 50

(IN FEET)
1 inch = 50 ft.



LEGEND

·	SAMPLE POINTS NOT PINNED
×'SC-32606-S'	SAMPLE POINTS PINNED
— · — · —	PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU 203

7/30/99 DHO CAI

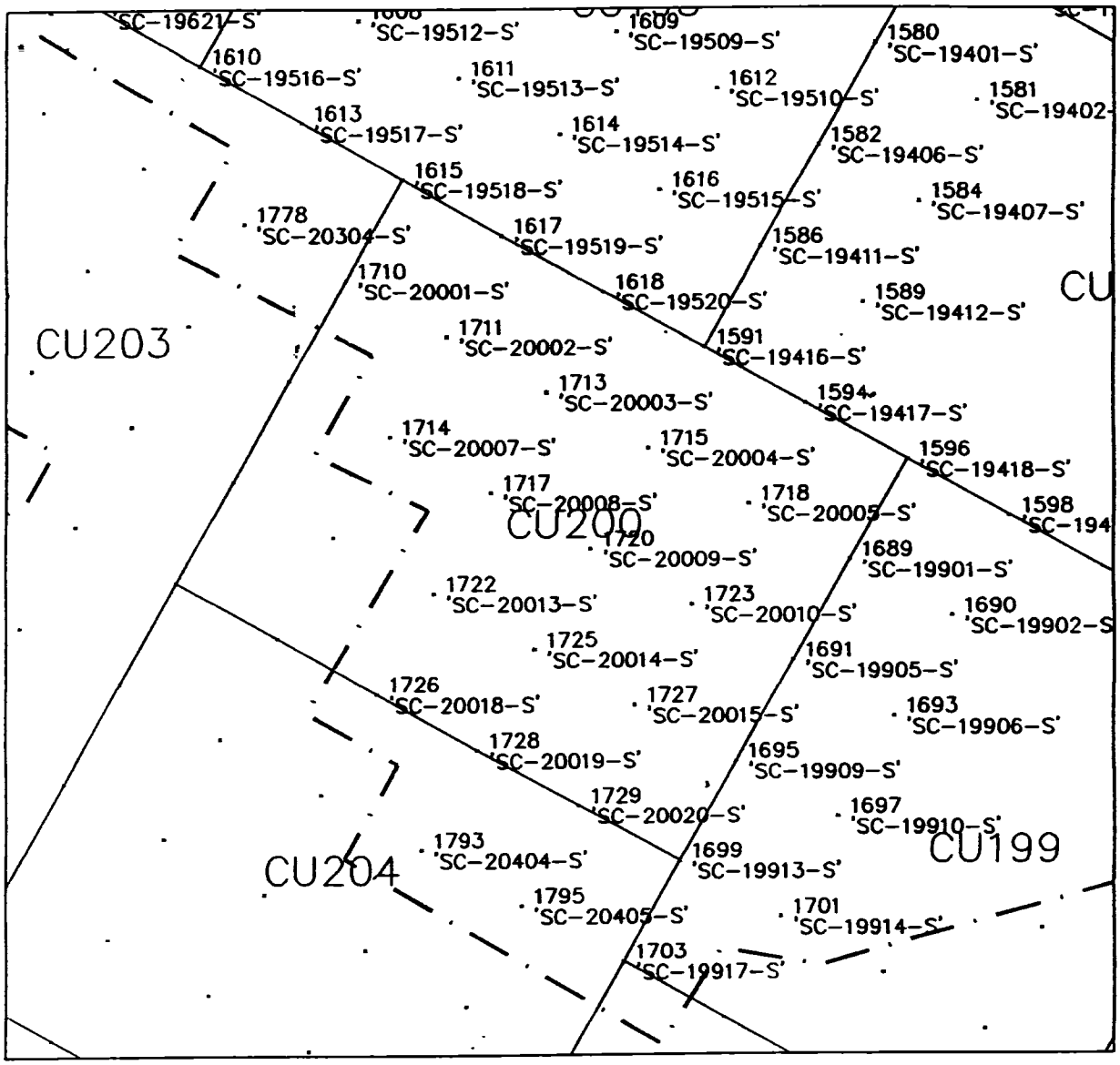
Meter Model #:	2221	Detector Model #:	NaI "2x2"
Meter Serial #:	117607	Detector Serial #:	25143
Calibration Due:	12-18-99	Calibration Due:	01-24-00
Survey Date / Time:	07-21-99	Field Bkg.:	12,000 cpm
Surveyor(s):	J. Rambling		
Comments:	All areas surveyed < 1.5 BKG.		

N

GRAPHIC SCALE

50 0 25 50

(IN FEET)
1 inch = 50 ft.



LEGEND

SAMPLE POINTS NOT PINNED

× 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU ~~200~~ 203 DF

7/30/99 DHO CAD

Meter Model #:	2221	Detector Model #:	NaI 2x2"
Meter Serial #:	117607	Detector Serial #:	25143
Calibration Due:	12-18-99	Calibration Due:	01-24-00
Survey Date / Time:	07-21-99	Field Bkg.:	12,000 cpm
Surveyor(s):	J. Rankin		
Comments:	All areas surveyed <1.5 BKG		

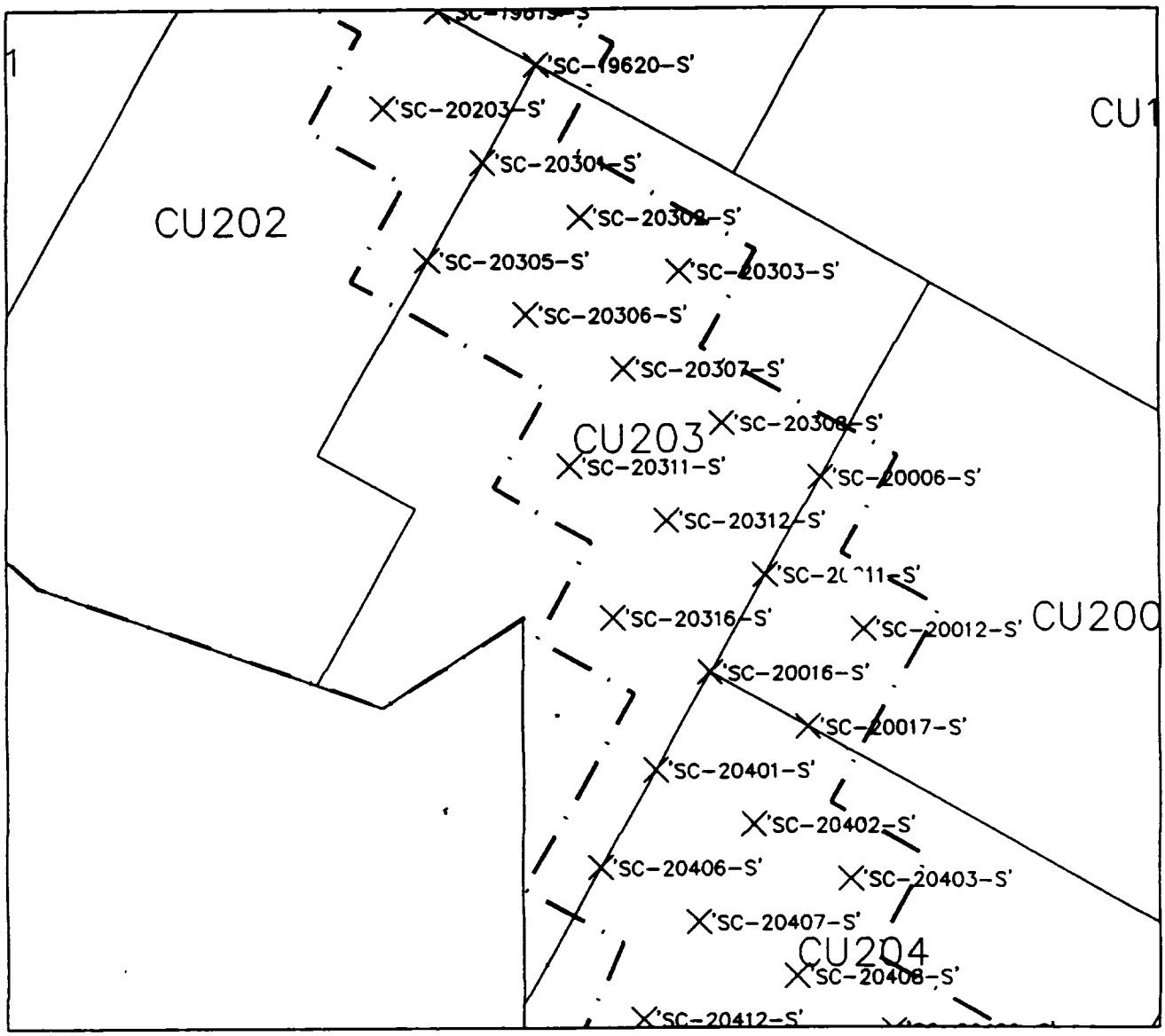
N

GRAPHIC SCALE

50 0 25 50

(IN FEET)

1 inch = 50 ft.



LEGEND

•	SAMPLE POINTS NOT PINNED
×'SC-32606-S'	SAMPLE POINTS PINNED
— · — · —	PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU 203

8/25/99

DBO CAD

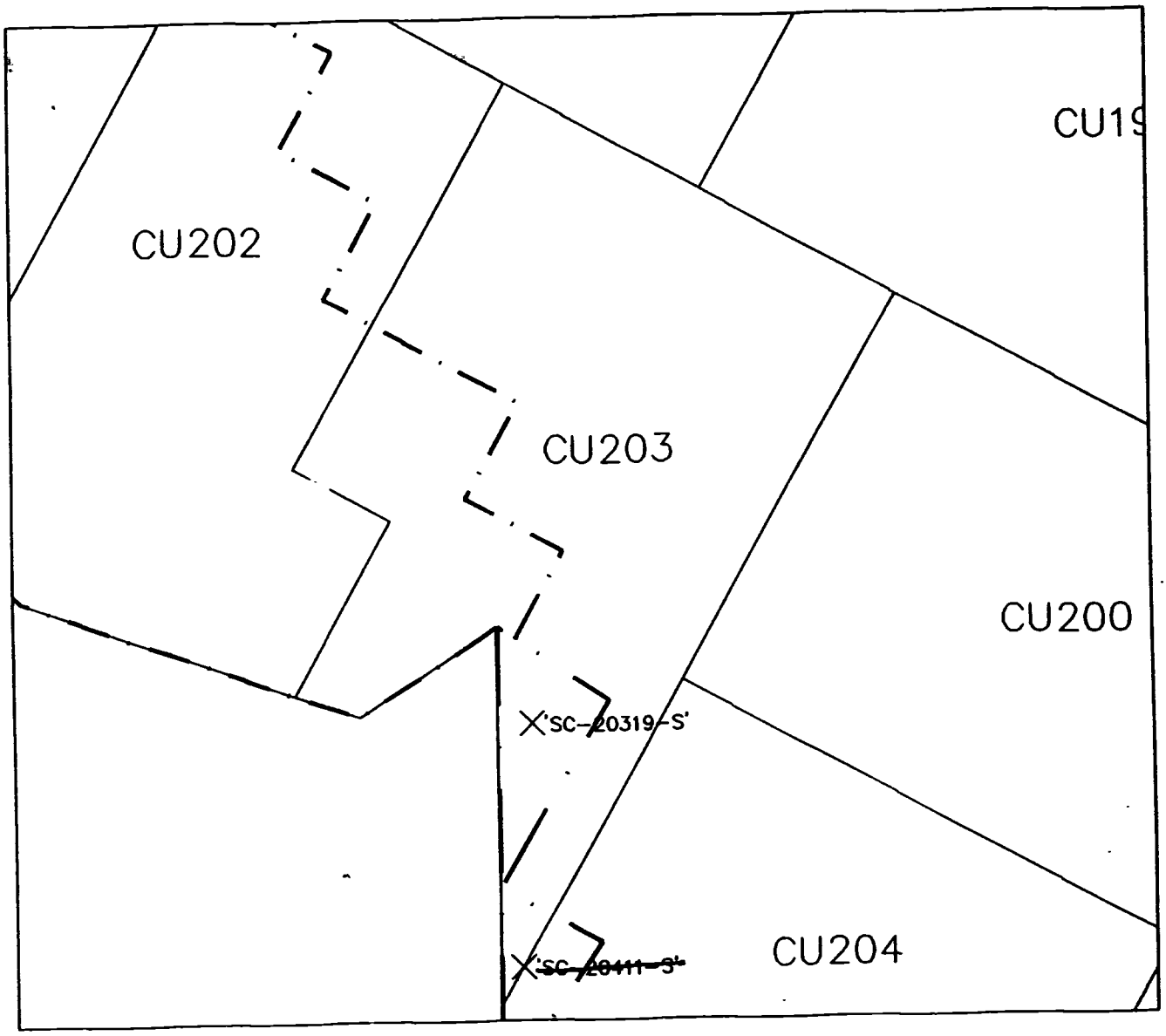
Meter Model #:	2221	Detector Model #:	2x2 NaI 6"
Meter Serial #:	127247	Detector Serial #:	122191
Calibration Due:	9-25-99	Calibration Due:	01-24-00
Survey Date / Time:	8-02-99	Field Bkg.:	12,000 cpm
Surveyor(s):	J. Rankins		
Comments:	Area surveyed < 1.5 BKG.		

N

GRAPHIC SCALE

50 0 25 50

(IN FEET)
1 inch = 50 ft.



LEGEND

SAMPLE POINTS NOT PINNED

X'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU 203

8/27/99 DHO CAD

Meter Model #:	2221	Detector Model #:	2x2 "6"
Meter Serial #:	127247	Detector Serial #:	122192
Calibration Due:	9/25/99	Calibration Due:	1/24/00
Survey Date / Time:	8/25/99	Field Bkg.:	10,000 CPM
Surveyor(s):	T. Brown		
Comments:	All readings 4.5 BKg		

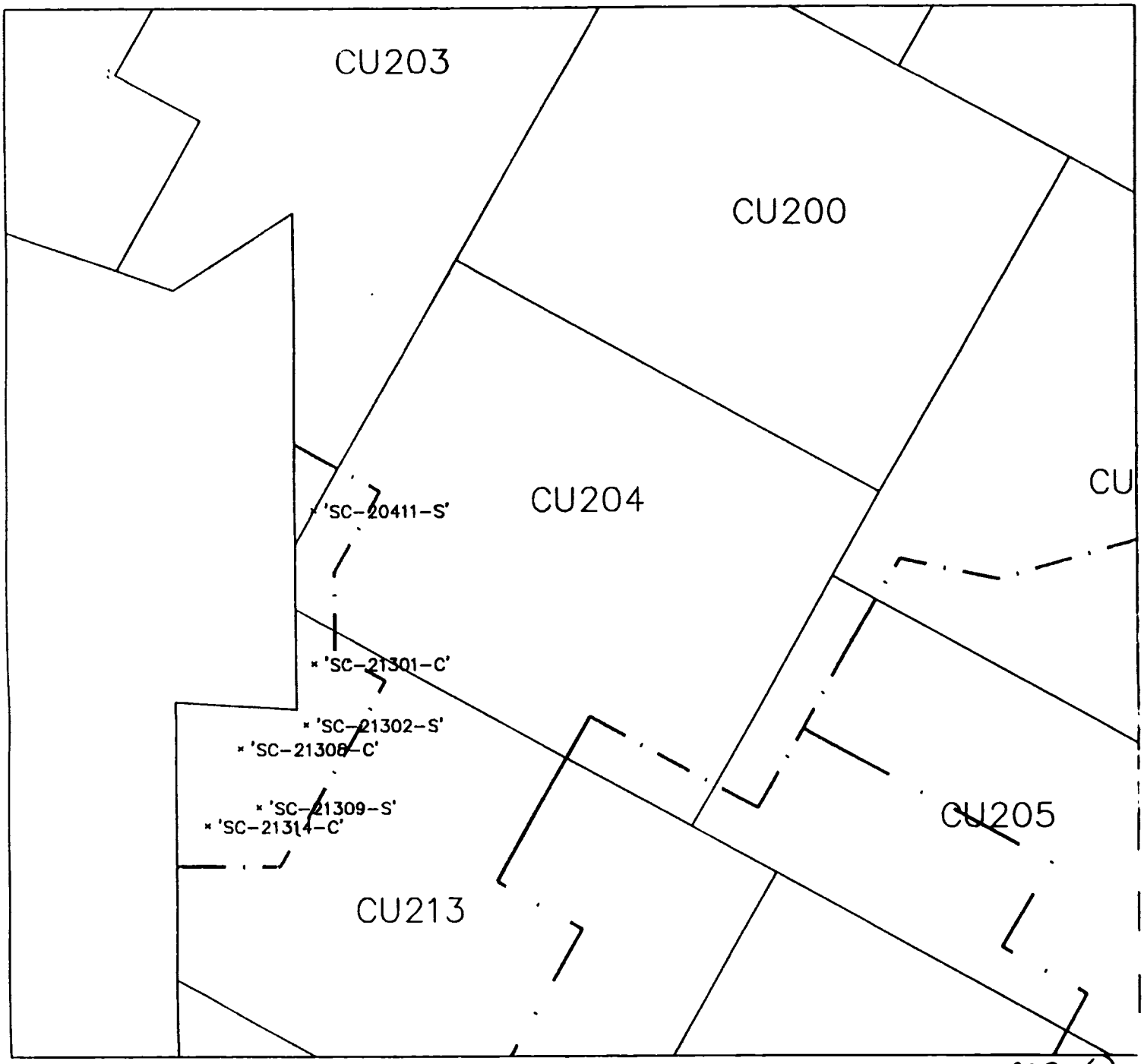
N

GRAPHIC SCALE

50 0 25 50

(IN FEET)

1 inch = 50 ft.



LEGEND

• 'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

N

GRAPHIC SCALE

50 0 50 100

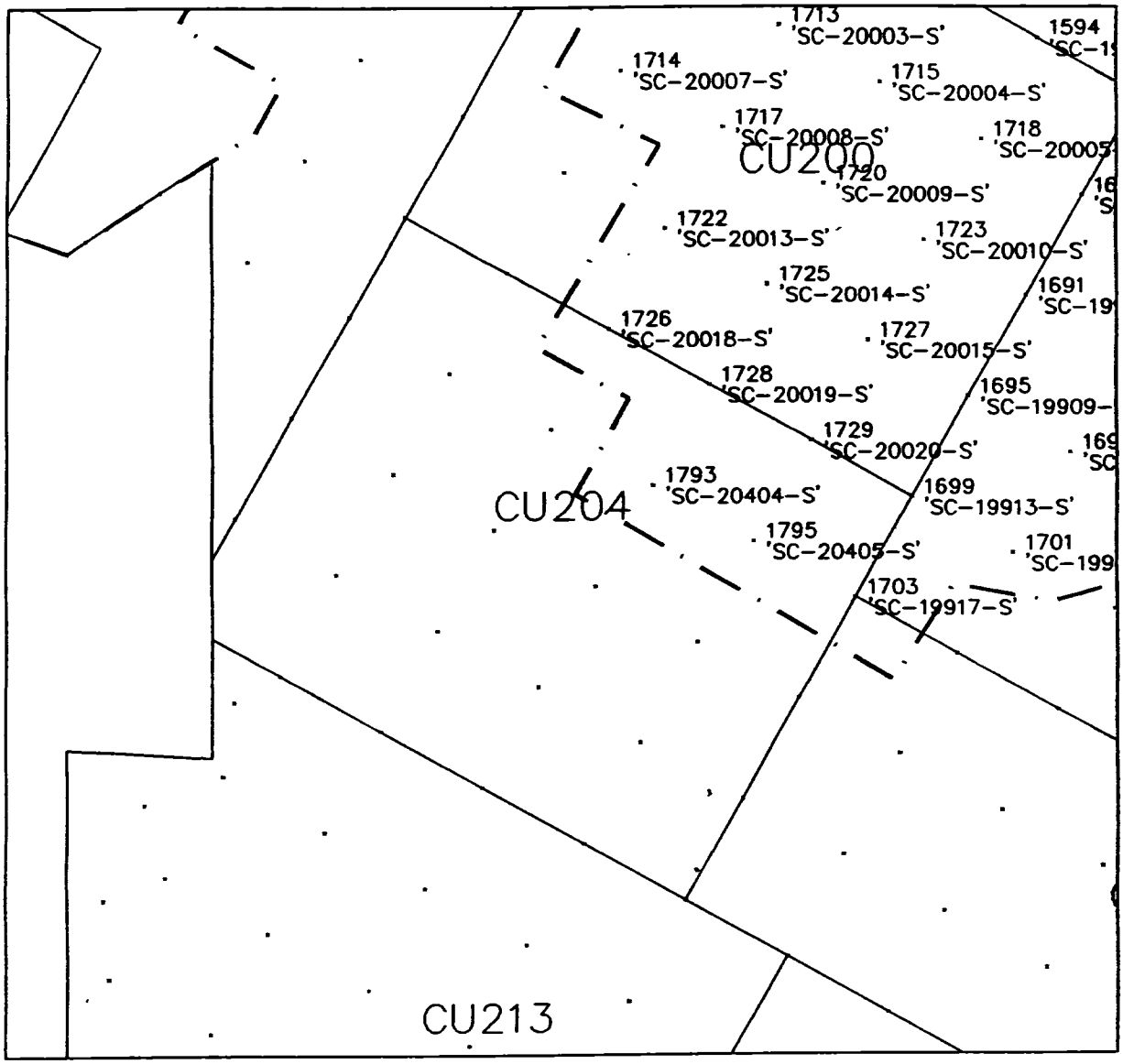
(IN FEET)
1 inch = 50 ft.

Radiation Survey Form WP 437, RU 22 CU ~~204~~ 203 (D)

Date Plotted 4-3-00

DHO CAD

Meter Model #:	2221	Detector Model #:	44-10 "L"
Meter Serial #:	125434	Detector Serial #:	130763
Calibration Due:	11-12-00	Calibration Due:	9-24-00
Survey Date / Time:	4-3-00 1600	Field Bkg.:	6400 cpm
Surveyor(s):	Eric Hurtt		
Comments:	The area walkover was found to be <1.5x background.		



LEGEND

SAMPLE POINTS NOT PINNED

×'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU 204

7/30/99 DHO CAD

Meter Model # :	2221	Detector Model #:	NaI "2×2"
Meter Serial # :	117607	Detector Serial #:	25143
Calibration Due:	12-18-99	Calibration Due:	01-24-00
Survey Date / Time:	07-21-99	Field Bkg.:	12,000 cpm
Surveyor(s):	J. Rankin		
Comments:	All area is averaged <1.5 BKG		

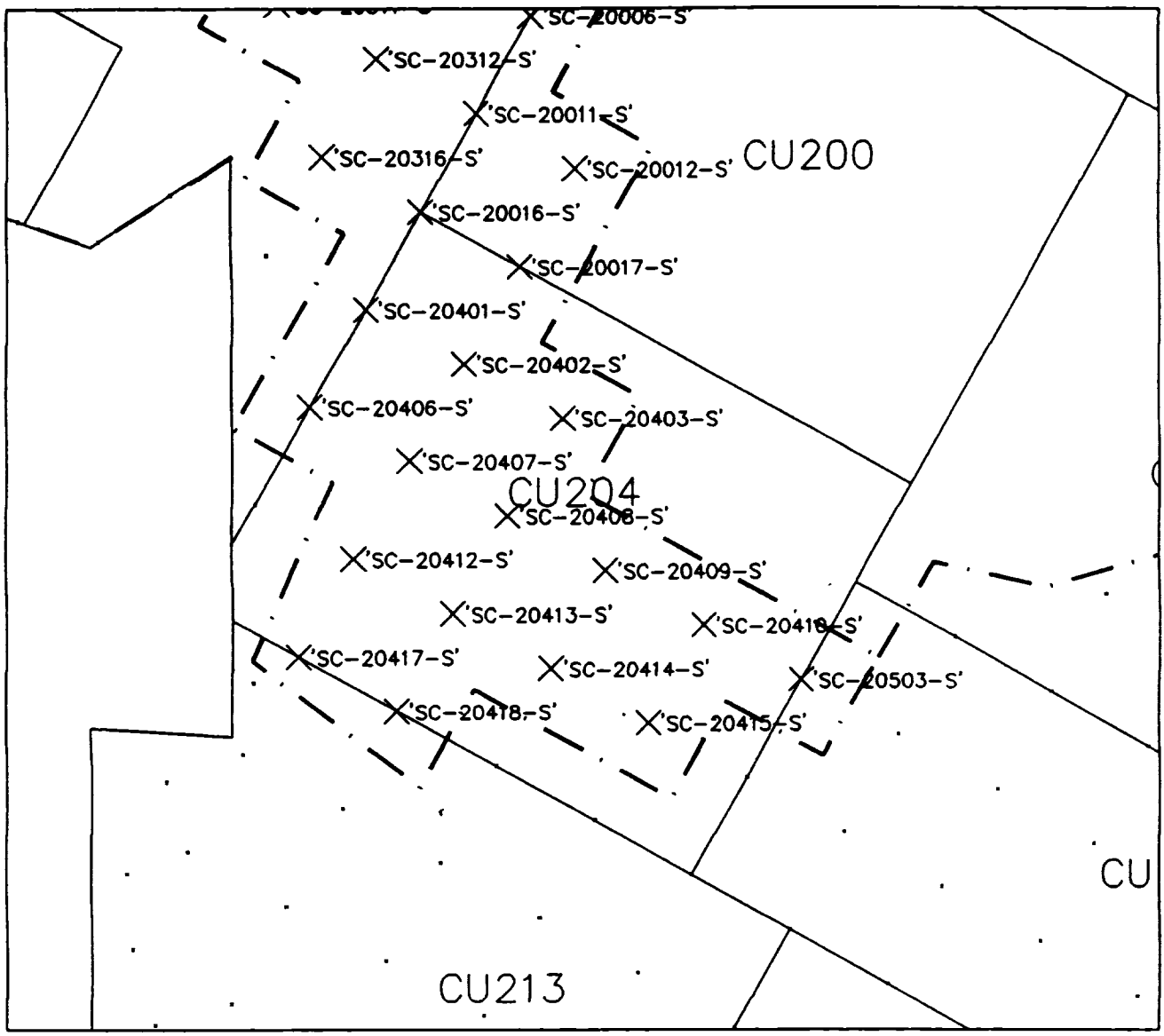
N

GRAPHIC SCALE

50 0 25 50

(IN FEET)

1 inch = 50 ft.



LEGEND

·	SAMPLE POINTS NOT PINNED
×'SC-32606-S'	SAMPLE POINTS PINNED
— · — · —	PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU 204

8/25/99

DBO CAD

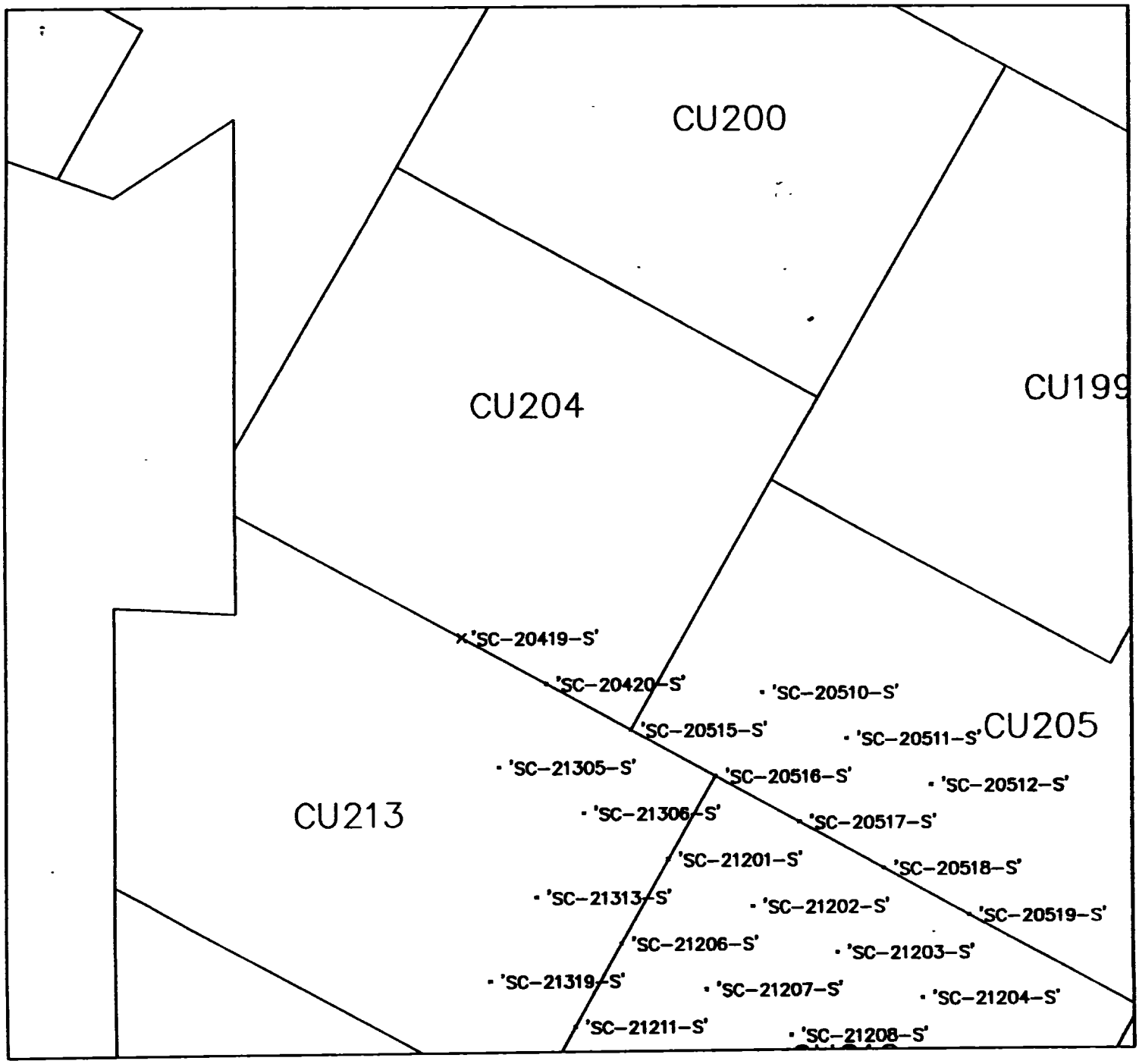
Meter Model #:	2221	Detector Model #:	NaI "2x2"
Meter Serial #:	127247	Detector Serial #:	122191
Calibration Due:	09-25-99	Calibration Due:	01-24-00
Survey Date / Time:	08-02-99	Field Blg.:	12,000 cpm
Surveyor(s):	J. Bankin		
Comments:	Area surveyed is 1.5 acre		

N

GRAPHIC SCALE

50 0 25 50

(IN FEET)
1 inch = 50 ft.



Radiation Survey Form WP 437, RU 22 CU 204

3/17/00

DHO CAD

Meter Model #:	2221	Detector Model #:	2x2 N-I "F"
Meter Serial #:	99158	Detector Serial #:	122191
Calibration Due:	7/24/00	Calibration Due:	9/24/00
Survey Date / Time:	3/17/00	Field Bkg.:	5900
Surveyor(s):	C. Hanner		

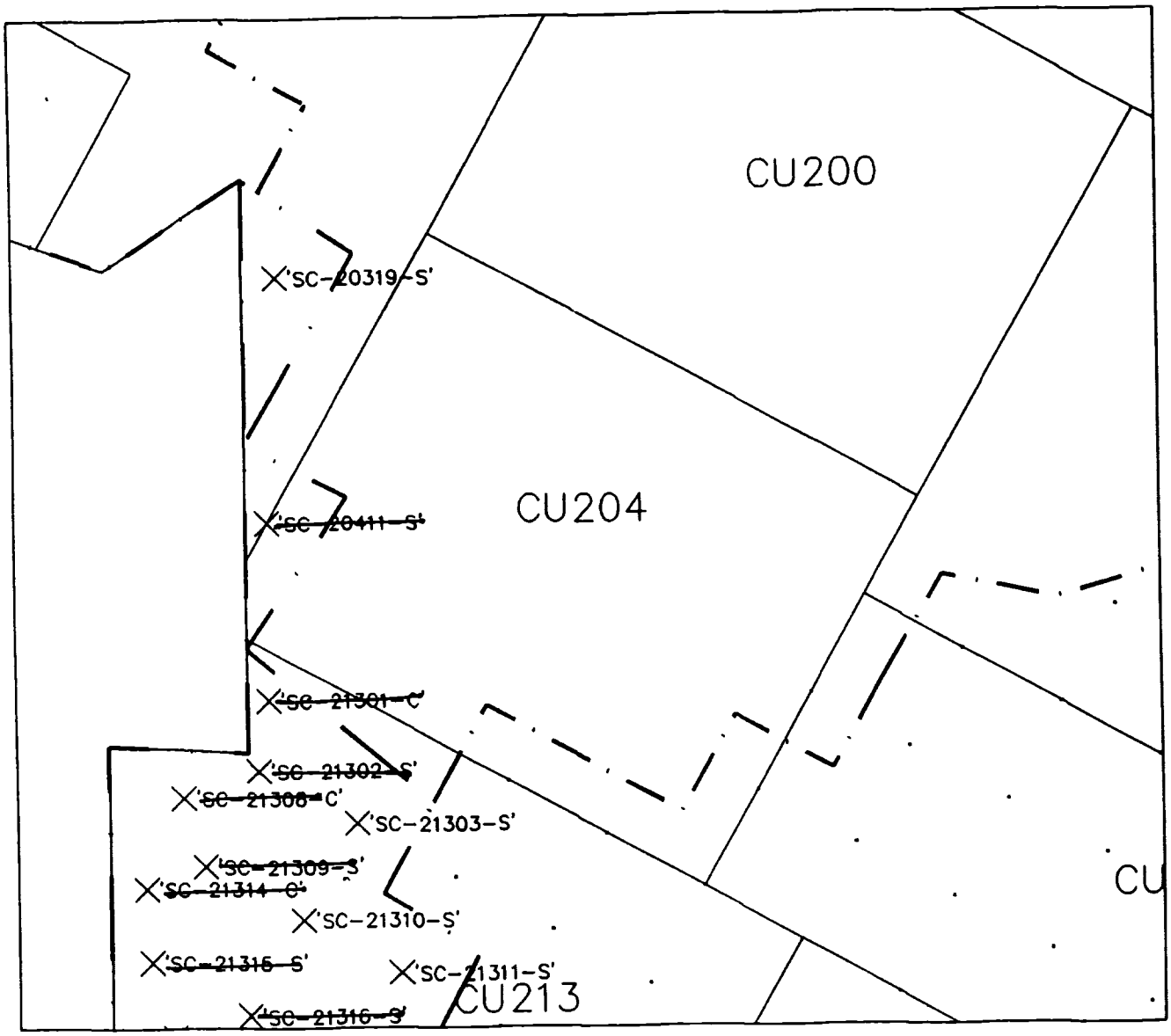
Comments: Area was surveyed and found to be less than 1.5 times background

N

GRAPHIC SCALE

50 0 50 100

(IN FEET)
1 inch = 50 ft.



LEGEND

SAMPLE POINTS NOT PINNED

×'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU 204

8/27/99 DBO CAD

Meter Model # :	2221	Detector Model #::	2x2 "6"
Meter Serial # :	127247	Detector Serial #:	122192
Calibration Due.	9/25/99	Calibration Due:	1/24/00
Survey Date / Time:	8/25/99	Field Bkg .	10,000 CPM
Surveyor(s):	T. Brown		
Comments:	All readings <1.5 Bkg		

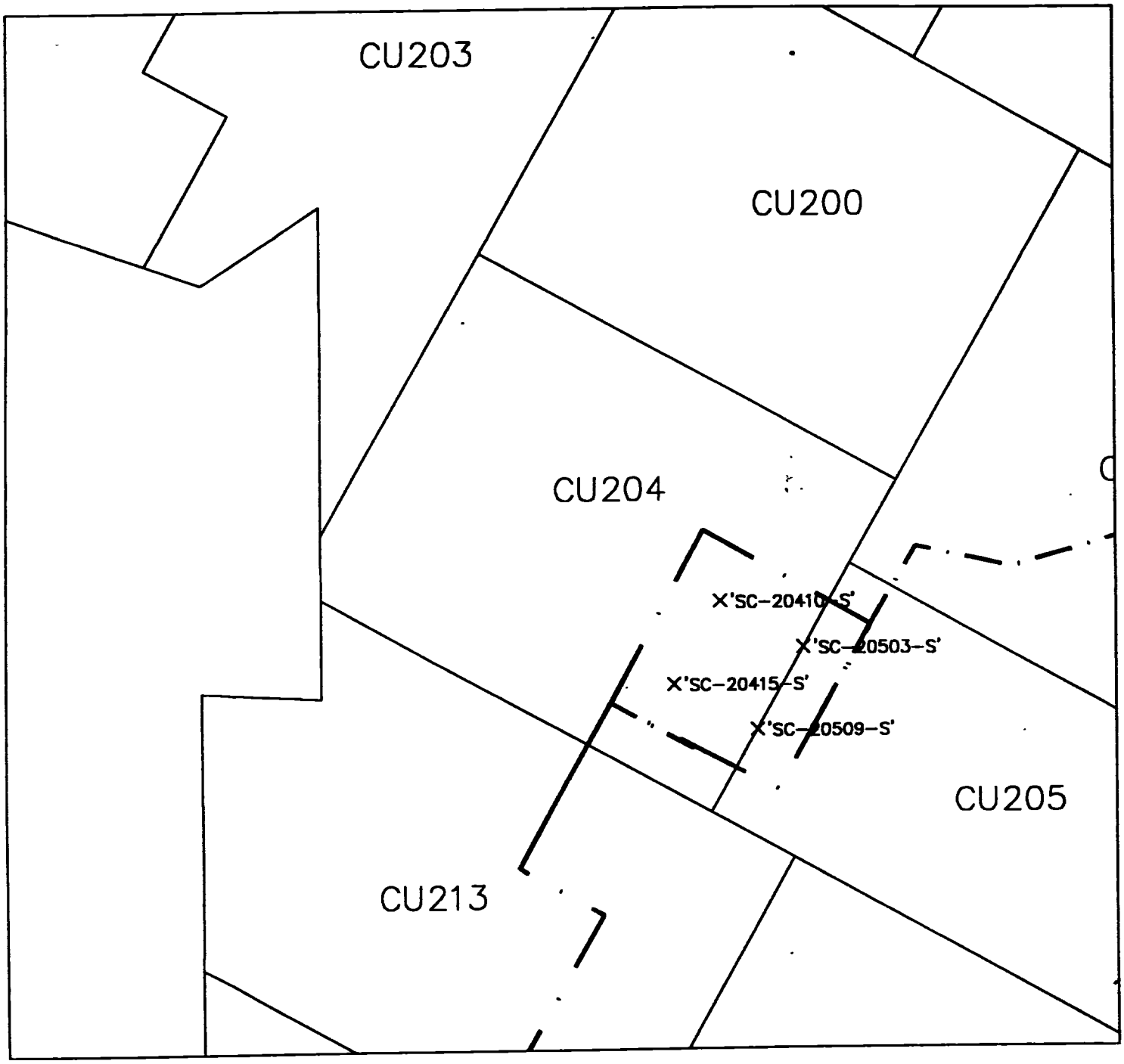
N

GRAPHIC SCALE

50 0 25 50

(IN FEET)

1 inch = 50 ft.



LEGEND

• 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

N

GRAPHIC SCALE

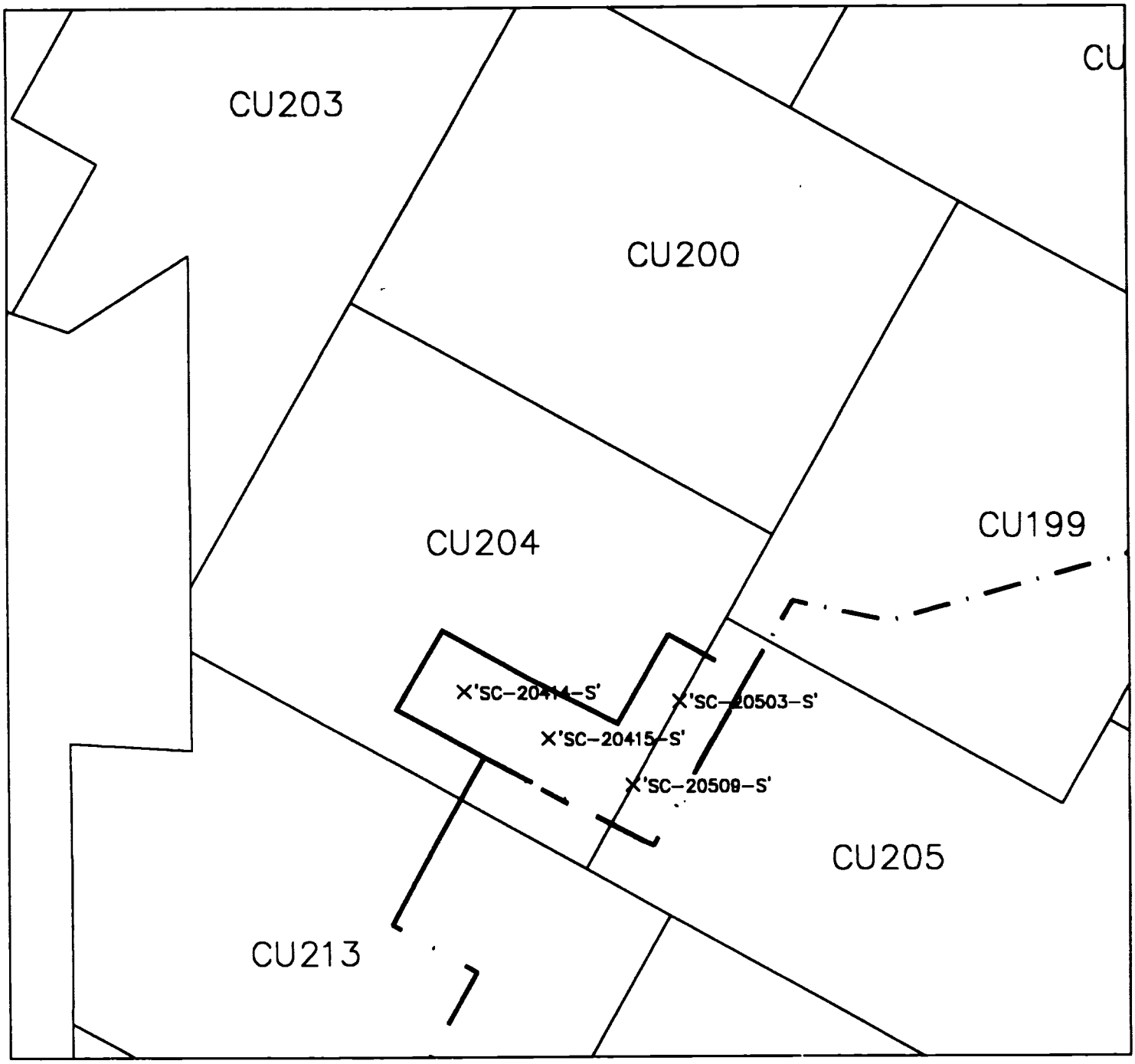
50 0 50 100

(IN FEET)
1 inch = 50 ft.

Radiation Survey Form WP 437, RU 22 CU 204

DEID CAD

Meter Model #:	2221	Detector Model #:	2-2 NaI
Meter Serial #:	99158	Detector Serial #:	122191
Calibration Due:	07/24/00	Calibration Due:	09-24-00
Survey Date / Time:	03/23/00	Field Bkg.:	5800 cpm
Surveyor(s):	C. Hanner		
Comments:	All areas <15 RKB		



LEGEND

• 'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

N

GRAPHIC SCALE

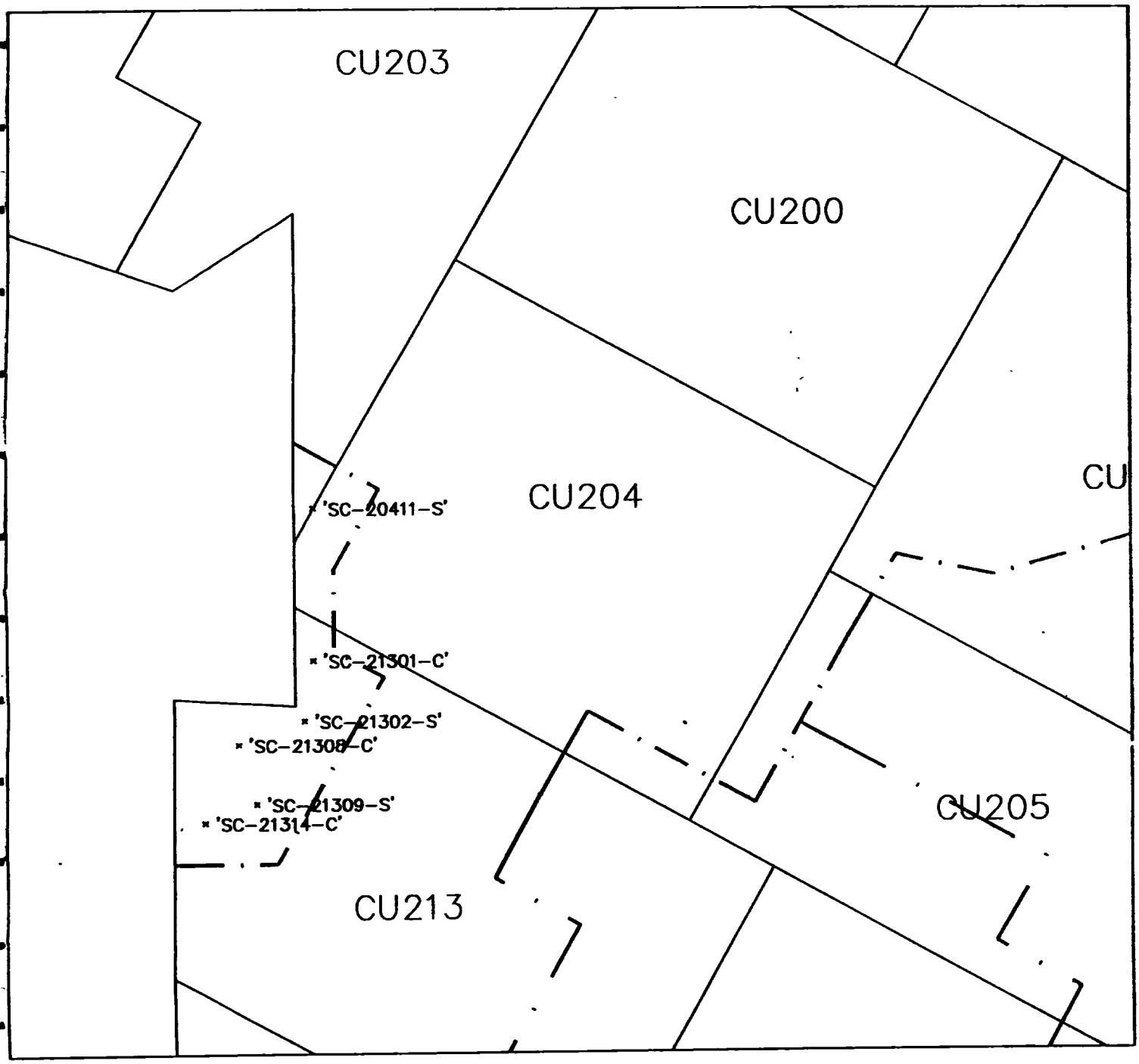
50 0 50 100

(IN FEET)
1 inch = 50 ft.

Radiation Survey Form WP 437, RU 22 CU 204

DBO CAD

Meter Model #:	2221	Detector Model #:	2x2 "N.I
Meter Serial #:	99158	Detector Serial #:	122191
Calibration Due:	07-24-00	Calibration Due:	09-24-00
Survey Date / Time:	03-23-00	Field Bkg.:	5800cpm
Surveyor(s):	Coltanner		
Comments:	All areas < 1.5 Bkground.		



LEGEND

'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

N

GRAPHIC SCALE

50 0 50 100

(IN FEET)
1 inch = 50 ft.

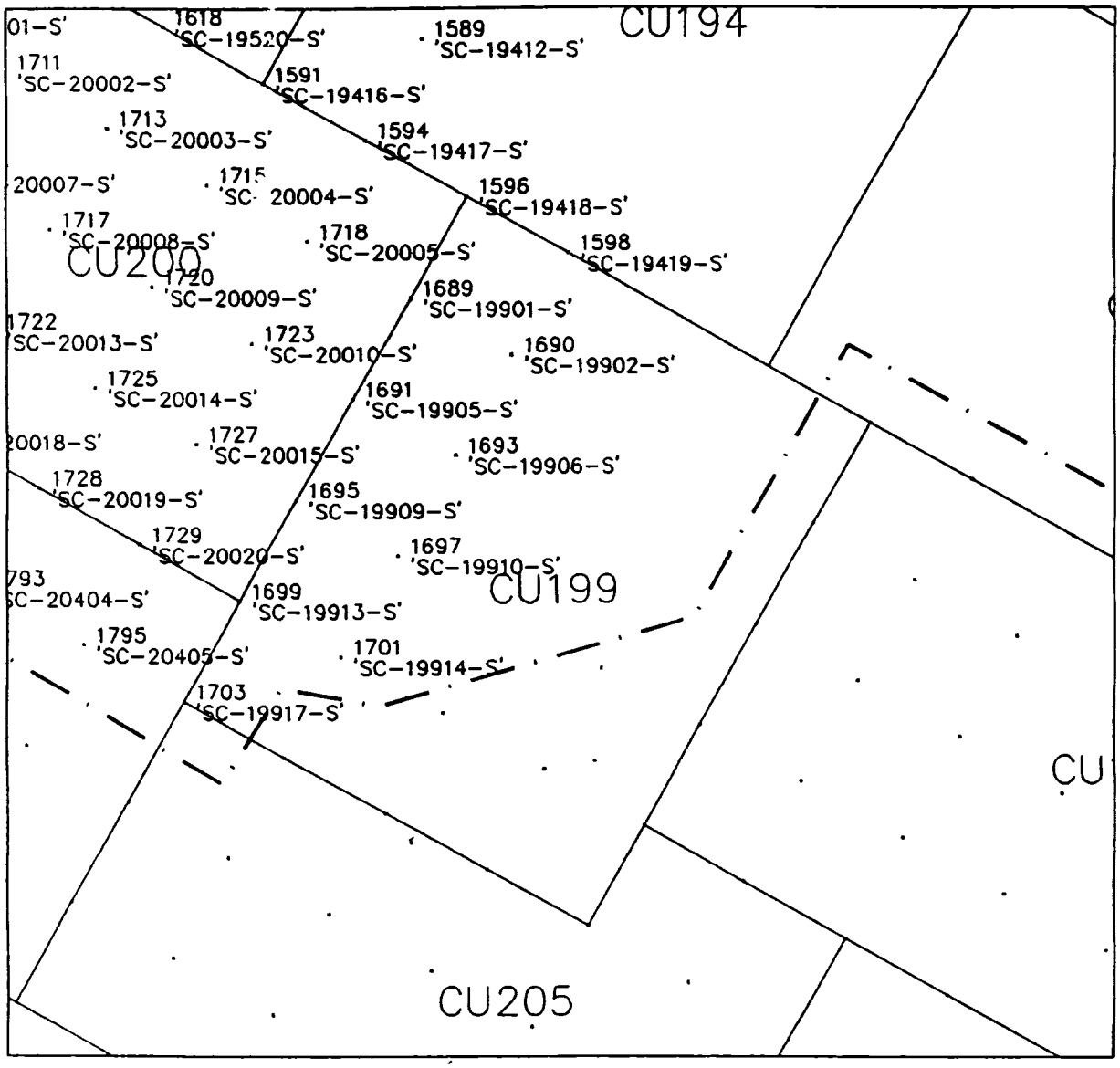
Radiation Survey Form WP 437, RU 22 CU 204

Date Plotted 4-3-00

DBO CAD

Meter Model #:	2221	Detector Model #:	44-10 "L"
Meter Serial #:	125434	Detector Serial #:	130763
Calibration Due:	11-12-00	Calibration Due:	9-24-00
Survey Date / Time:	4-3-00 1600	Field Bkg.:	6400 cpm
Surveyor(s):	Eric Hurtt		

Comments: The area walkover was found to be <1.5x background.



LEGEND

SAMPLE POINTS NOT PINNED

×'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU ~~199~~ 205 (BP)

7/30/99 DHO CAD

Meter Model #:	2221	Detector Model #:	NaI "2x2"
Meter Serial #:	117607	Detector Serial #:	25143
Calibration Due:	12-18-99	Calibration Due:	01-24-00
Survey Date / Time:	07-20-99	Field Bkg.:	12,000 cpm
Surveyor(s):	J. Rankin		
Comments:	All areas surveyed < 1.5 BKG		

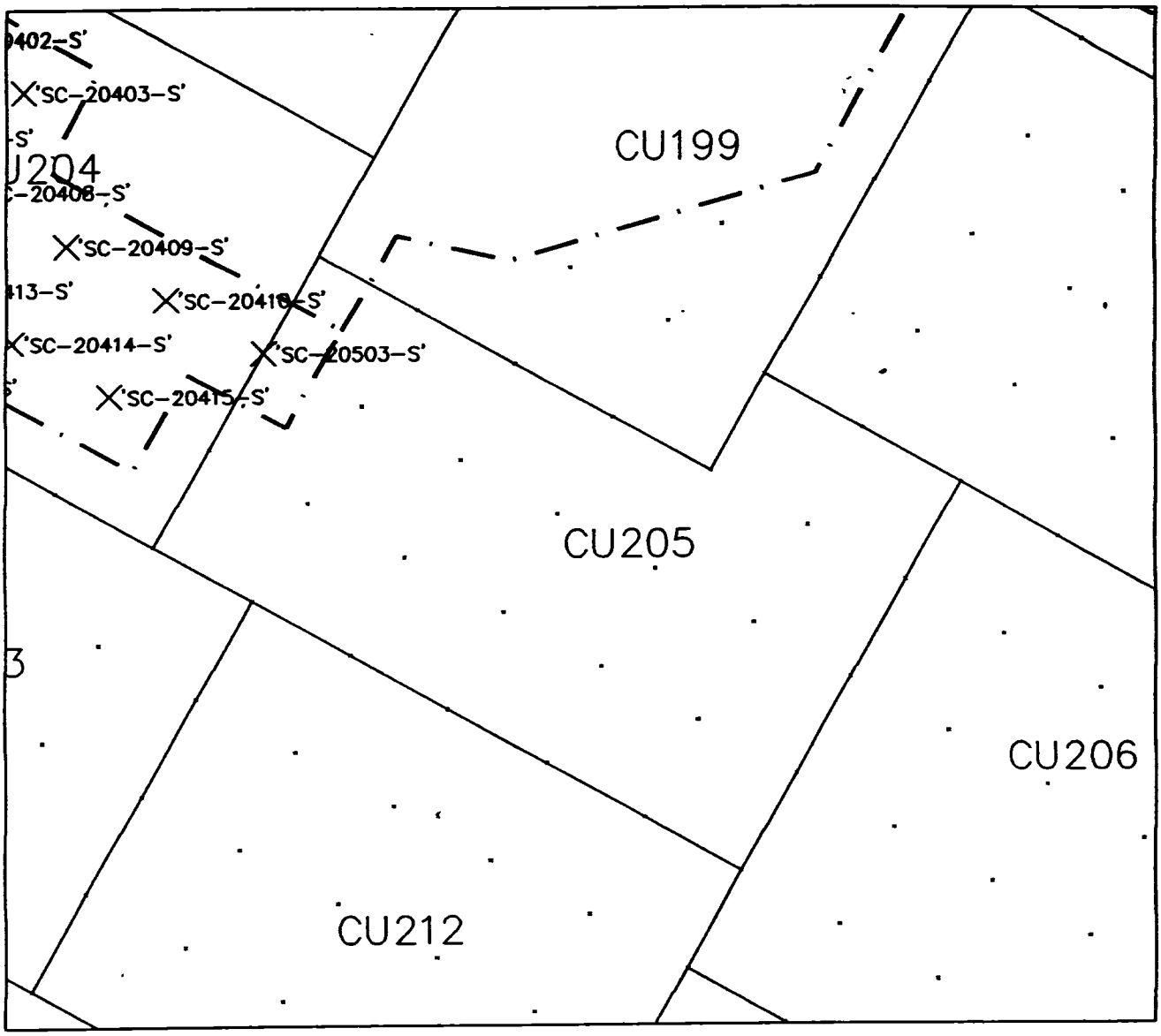
N

GRAPHIC SCALE

50 0 25 50

(IN FEET)

1 inch = 50 ft.



LEGEND

SAMPLE POINTS NOT PINNED

×'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU 205

8/25/99

DEIO CAD

Meter Model #:	2221	Detector Model #:	NaI 42.2"
Meter Serial #:	127247	Detector Serial #:	122191
Calibration Due:	09-25-99	Calibration Due:	01-24-00
Survey Date / Time:	08-02-99	Field Bkg.:	12,000 cpm
Surveyor(s):	J. Rambo		
Comments:	Area surveyed < 1.5 BKG.		

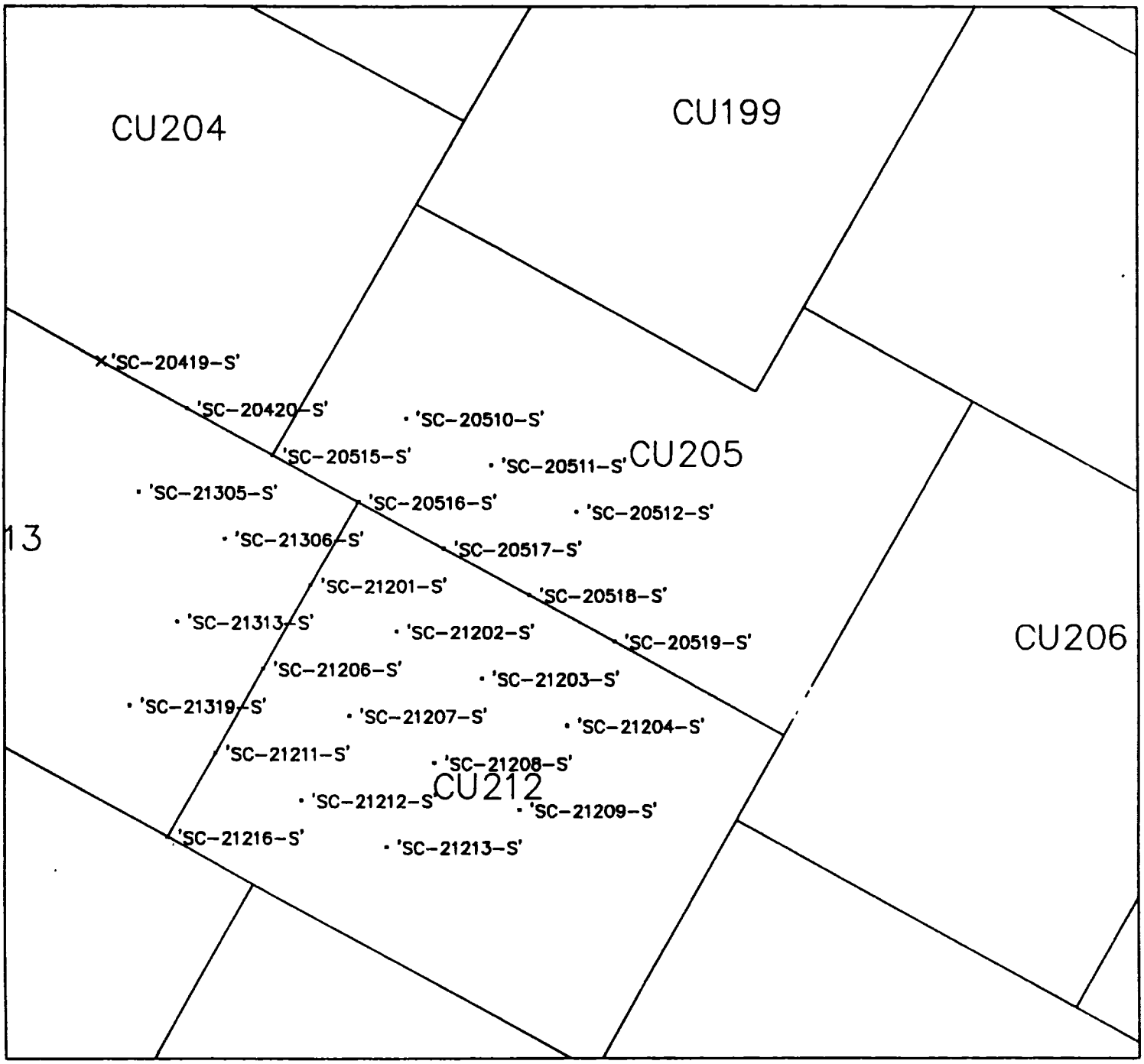
N

GRAPHIC SCALE

50 0 25 50

(IN FEET)

1 inch = 50 ft.



Radiation Survey Form WP 437, RU 22 CU 205

3/17/00

DHO CAD

Meter Model #:	2221	Detector Model #:	2x2 NaI "F"
Meter Serial #:	99159	Detector Serial #:	122191
Calibration Due:	7/24/00	Calibration Due:	9/24/00
Survey Date / Time:	3/17/00	Field Bkg.:	5900
Surveyor(s):	C. Hanner		

Comments: Area was surveyed and found to be less than 1.5 times background

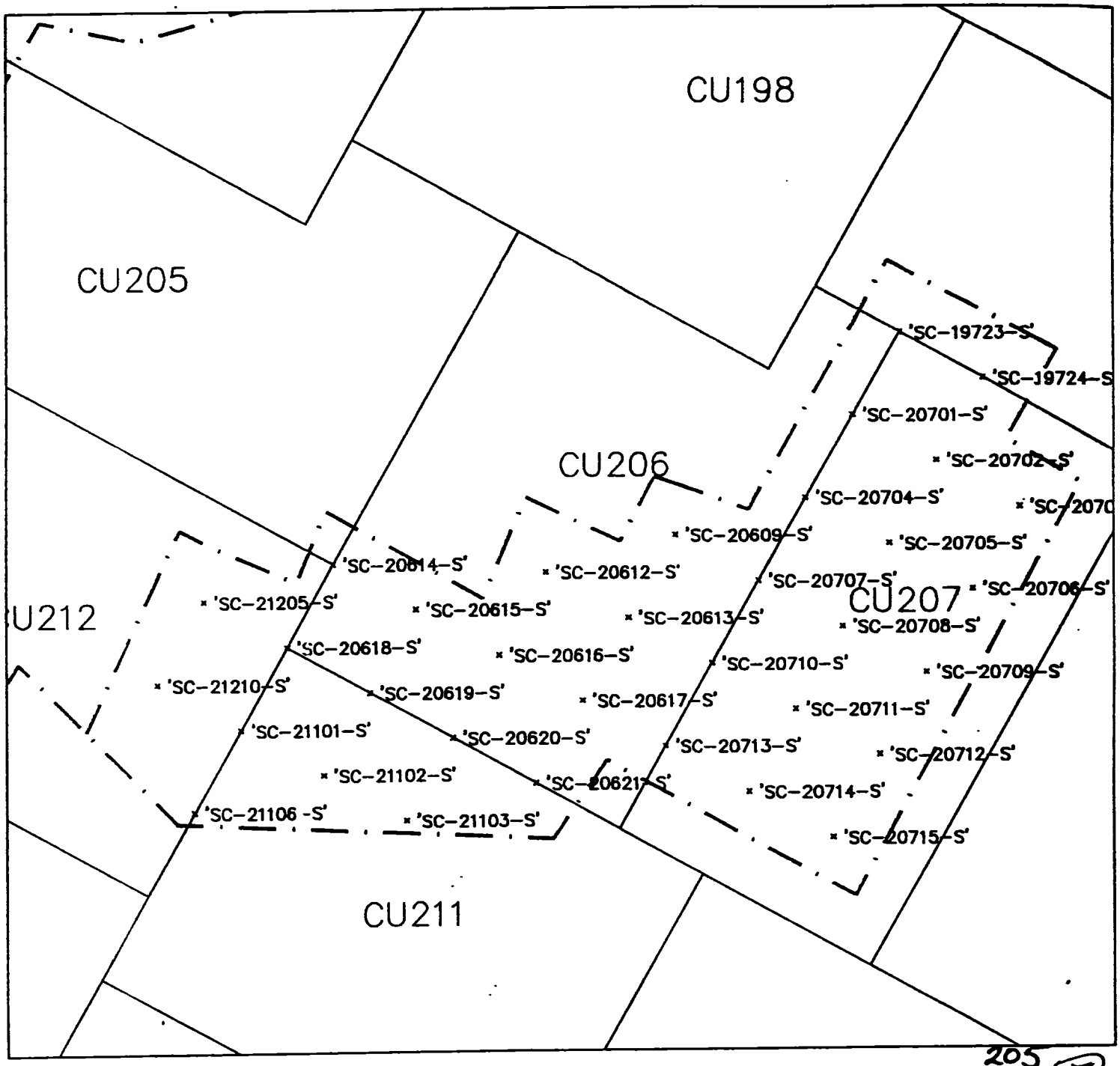
N

GRAPHIC SCALE

50 0 50 100

(IN FEET)

1 inch = 50 ft.



LEGEND

· 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

N

GRAPHIC SCALE

50 0 50 100

(IN FEET)

1 inch = 50 ft.

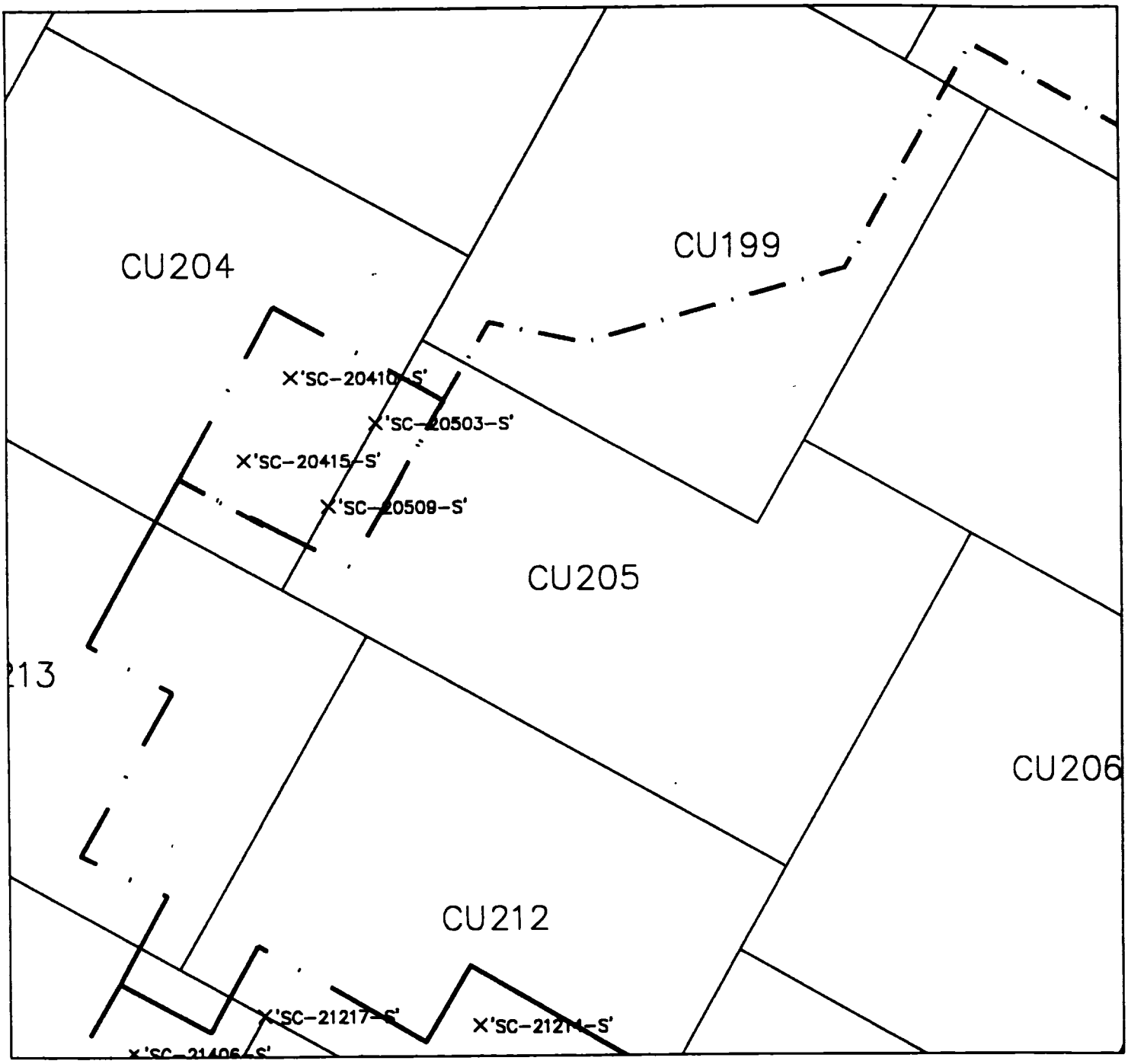
Radiation Survey Form WP 437, RU 23 CU ~~200~~ 205 DN

Date Plotted 3/29/00

DHO CAD

Meter Model #:	2221	Detector Model #:	2x2 NaI "M"
Meter Serial #:	117617	Detector Serial #:	130764
Calibration Due:	10/13/00	Calibration Due:	9/24/00
Survey Date / Time:	3/28/00	Field Bkg.:	6000 cpm
Surveyor(s):	C. Hanner		

Comments: Area was surveyed and found to be less than 1.5 times background



LEGEND

· 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

N

GRAPHIC SCALE

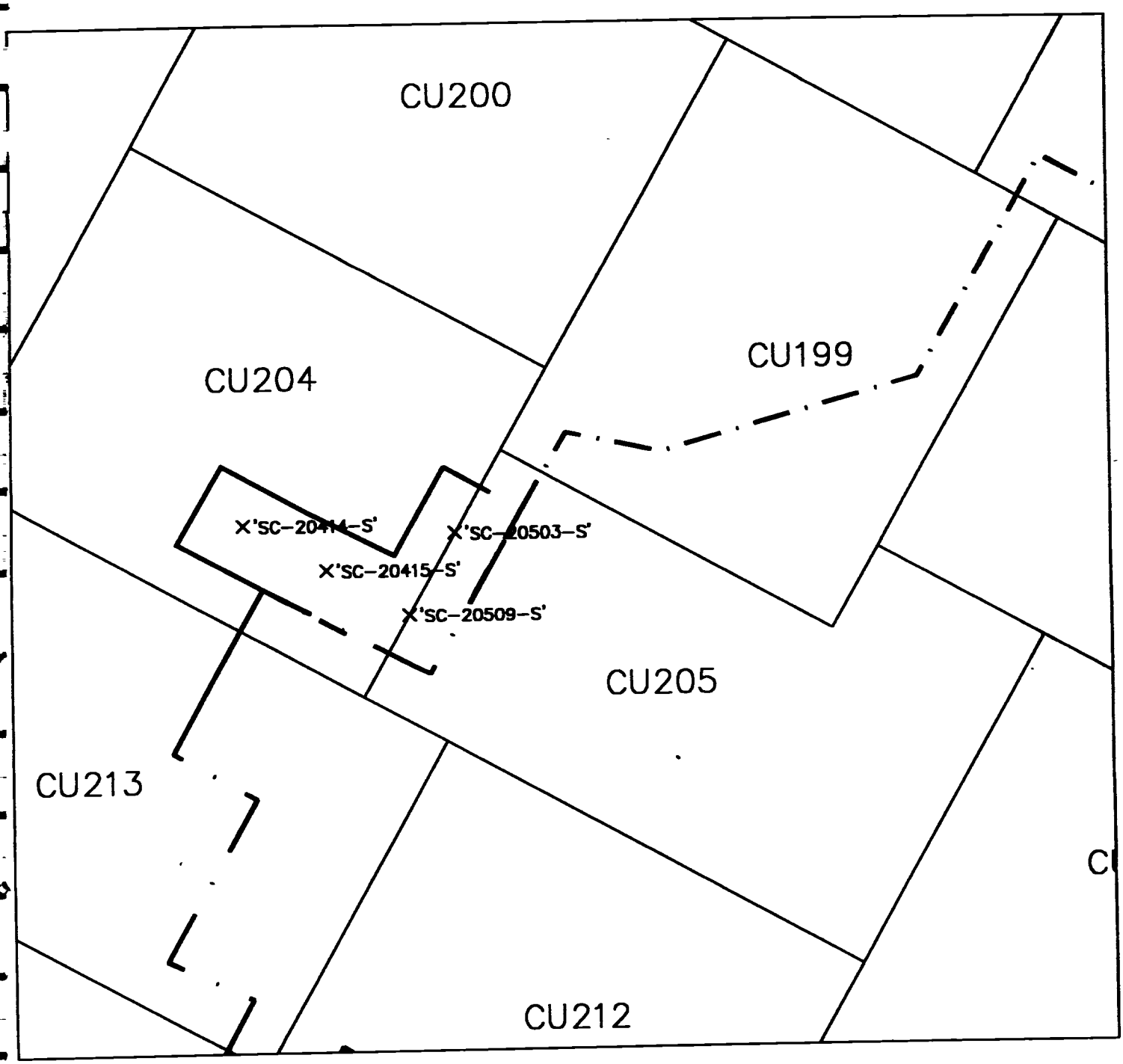
50 0 50 100

(IN FEET)
1 inch = 50 ft.

Radiation Survey Form WP 437, RU 22 CU 205

DEO CAD

Meter Model #:	2221	Detector Model #:	2x2 NaI
Meter Serial #:	99158	Detector Serial #:	122191
Calibration Due:	07-24-00	Calibration Date:	09-24-00
Survey Date / Time:	03-23-00	Field Bkg.:	5800 cpm
Surveyor(s):	Catherman		
Comments:	All areas < 1.5 Background.		



LEGEND

· 'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

N

GRAPHIC SCALE

50 0 50 100

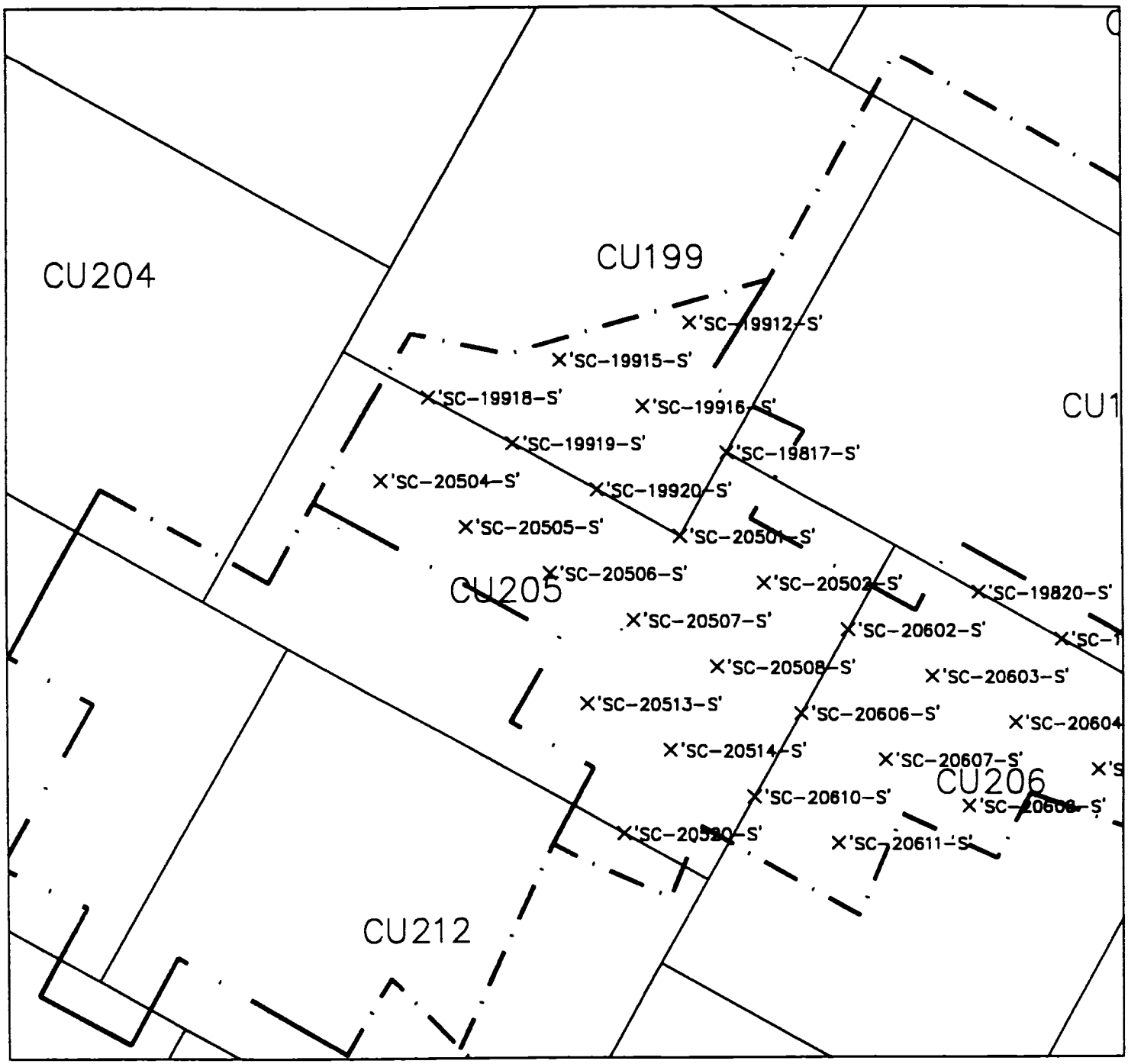
(IN FEET)

1 inch = 50 ft.

Radiation Survey Form WP 437, RU 22 **CU** 205

DBO CAD

Meter Model #:	2221	Detector Model #:	"2x2" NaI
Meter Serial #:	99158	Detector Serial #:	122191
Calibration Date:	07-24-00	Calibration Date:	09-24-00
Survey Date / Time:	03-23-00	Field Bkg.:	5800 cpm
Surveyor(s):	C. Hanson		
Comments:	All meas < 1.5 Bkground		



LEGEND

• 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

N

GRAPHIC SCALE

50 0 50 100

(IN FEET)
1 inch = 50 ft.

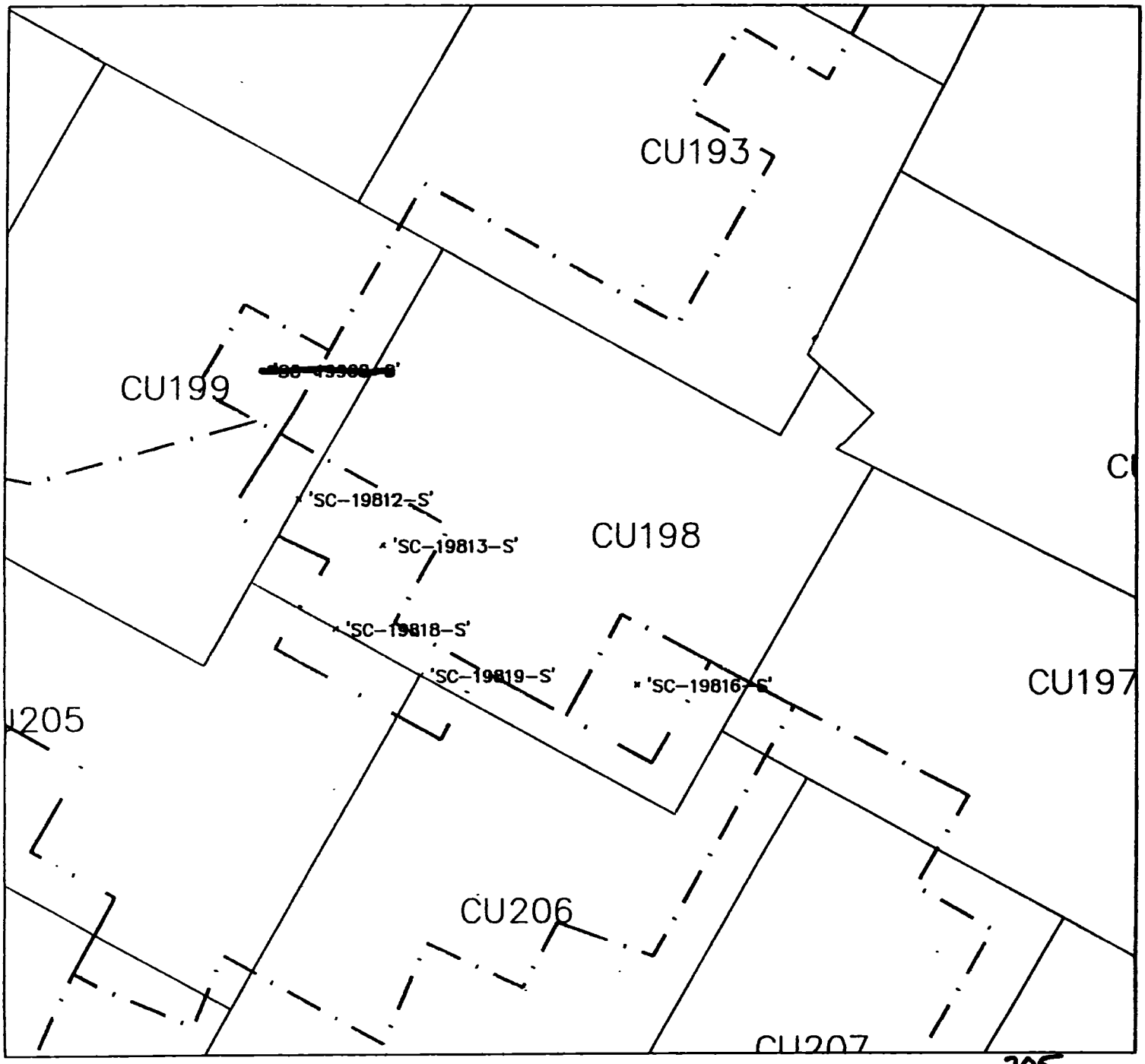
Radiation Survey Form WP 437, RU 22 **CU** 205

Date Plotted 3/31/00

DBD CAD

Meter Model #:	2221	**Detector Model #:**	2+2 NaI "M"
Meter Serial #:	117617	**Detector Serial #:**	130764
Calibration Date:	10/13/00	**Calibration Date:**	9/24/00
Survey Date / Time:	3/31/00	**Field Bkg.:**	6000 cpm
Surveyor(s):	C. Hanner		

Comments: Area was surveyed and found to be less than background



LEGEND

'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

N

GRAPHIC SCALE

50 0 50 100

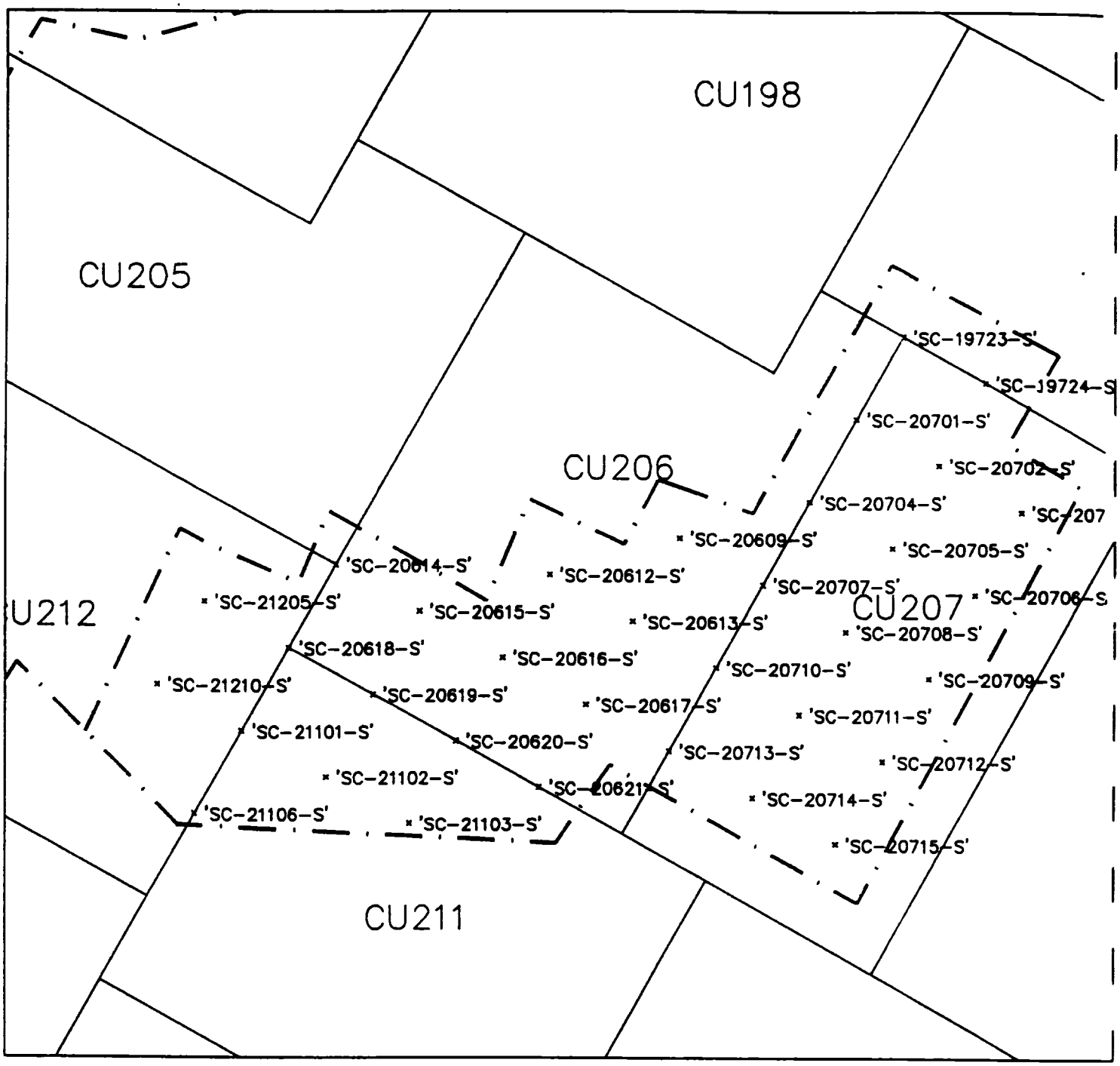
(IN FEET)
1 inch = 50 ft.

Radiation Survey Form WP 437, RU 22 CU ~~190~~ 205

Date Plotted 4-3-00

DBO CAD

Meter Model #:	2221	Detector Model #:	2x2 "n"
Meter Serial #:	117617	Detector Serial #:	130769
Calibration Due:	10/13/00	Calibration Due:	9/24/00
Survey Date / Time:	4/3/00	Field Bkg.:	5,000 cpm
Surveyor(s):	T. Brewer		
Comments:	All readings <1.5x BKg.		



LEGEND

• 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

N

GRAPHIC SCALE

50 0 50 100

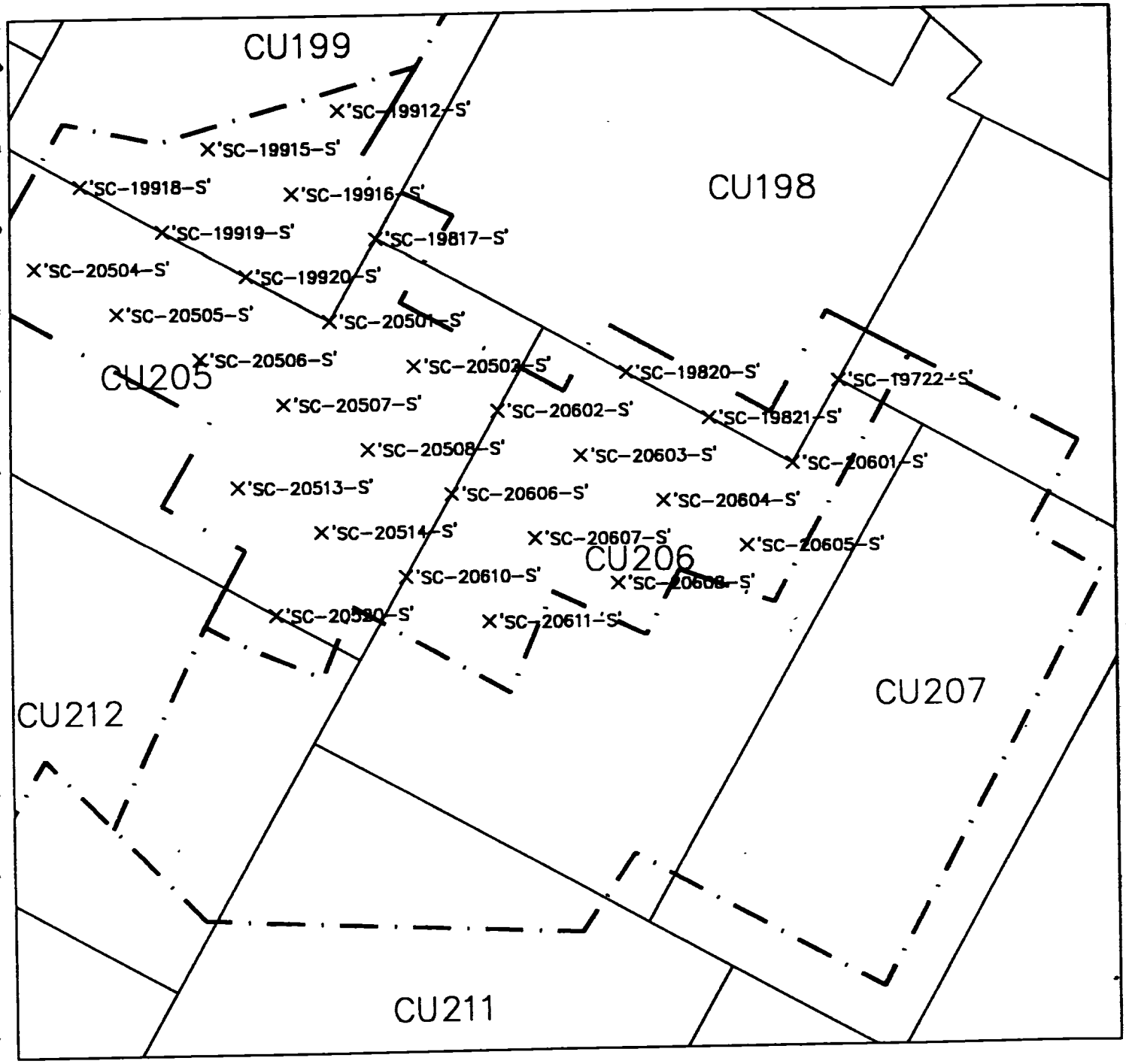
(IN FEET)
1 inch = 50 ft.

Radiation Survey Form WP 437, RU 23 CU 206
Date Plotted 3/29/00

DBO CAD

Meter Model #:	2221	Detector Model #:	2+2 NaI "M"
Meter Serial #:	117617	Detector Serial #:	134764
Calibration Due:	10/13/00	Calibration Due:	9/24/00
Survey Date / Time:	3/29/00	Field Bkg.:	6000 cpm
Surveyor(s):	C. Hanner		

Comments: Area was surveyed and found to be less than 1.5 times background



LEGEND

· 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

N

GRAPHIC SCALE

50 0 50 100

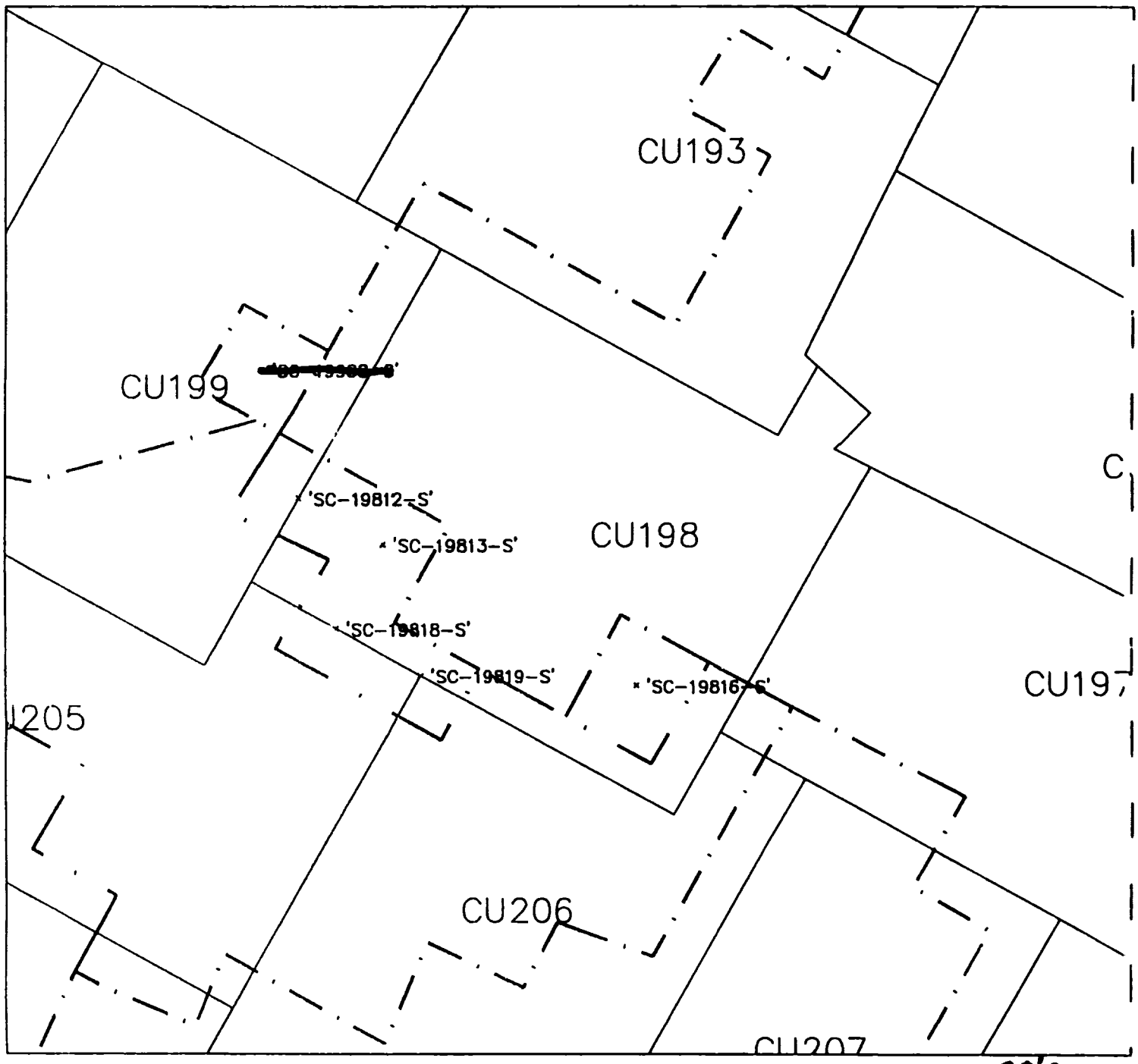
(IN FEET)
1 inch = 50 ft.

Radiation Survey Form WP 437, RU 22 CU 206

Date Plotted 3/31/00 DBD CAD

Meter Model #:	2221	Detector Model #:	2+2 NaI "M"
Meter Serial #:	117617	Detector Serial #:	150764
Calibration Due:	10/13/00	Calibration Due:	9/24/00
Survey Date / Time:	3/31/00	Field Bkg.:	6000 cpm
Surveyor(s):	C. Hanner		

Comments: Area was surveyed and found to be less than 1.5 times background



LEGEND

'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

N

GRAPHIC SCALE

50 0 50 100

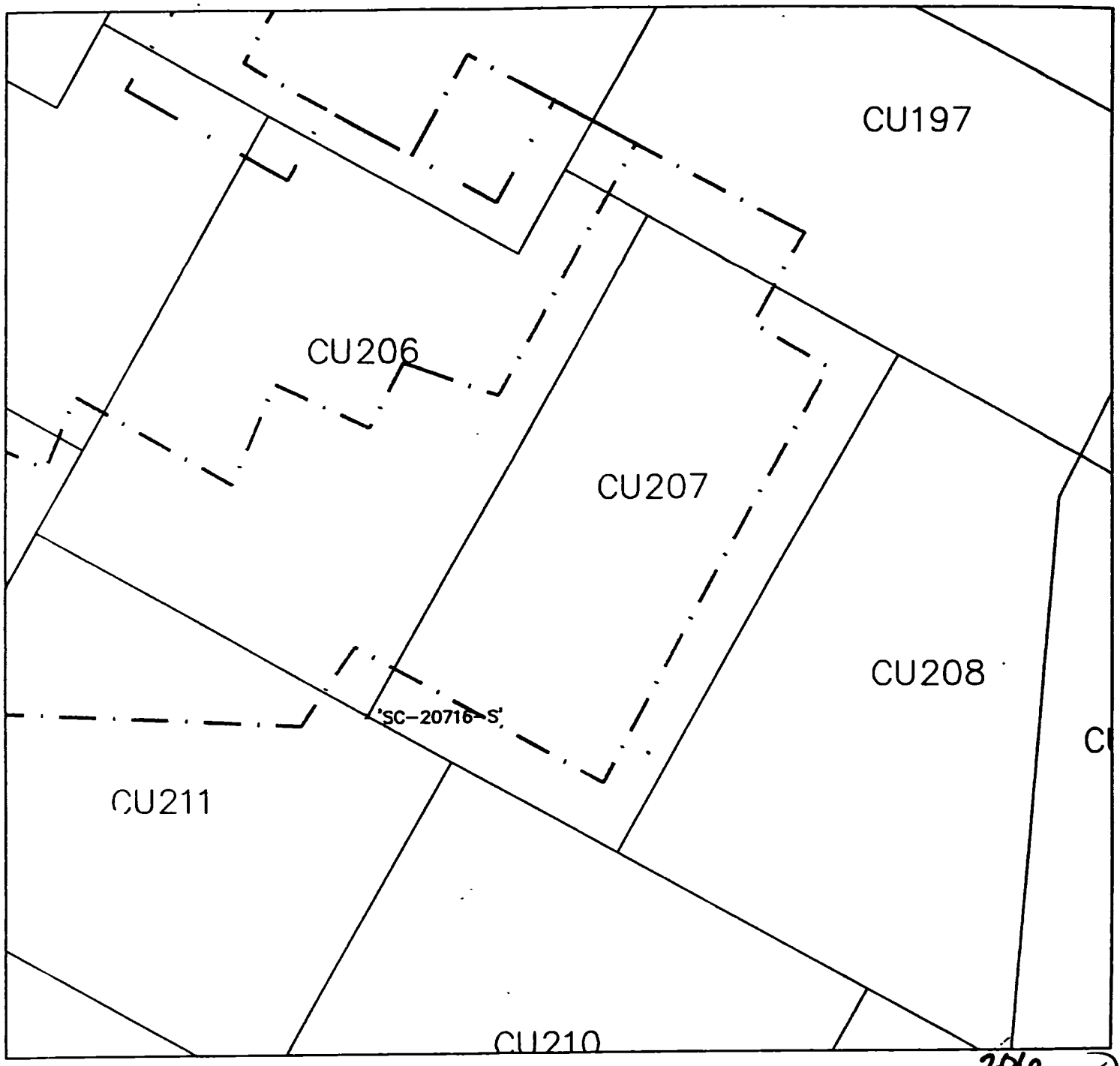
(IN FEET)
1 inch = 50 ft.

Radiation Survey Form WP 437, RU 22 CU ~~196~~ 206

Date Plotted 4-3-00

DBO CAD

Meter Model #:	2221	Detector Model #:	3x2 "n"
Meter Serial #:	117617	Detector Serial #:	130764
Calibration Due:	10/13/00	Calibration Due:	9/24/00
Survey Date / Time:	4/3/00	Field Bkg.:	5,000 cpm
Surveyor(s):	T. Brewer		
Comments:	All readings <1.5x BKg.		



LEGEND

Radiation Survey Form WP 437, RU 22 CU ~~207~~ 206 (DF)

Date Plotted 4-6-00

DBO CAD

· 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

N

GRAPHIC SCALE

50 0 50 100

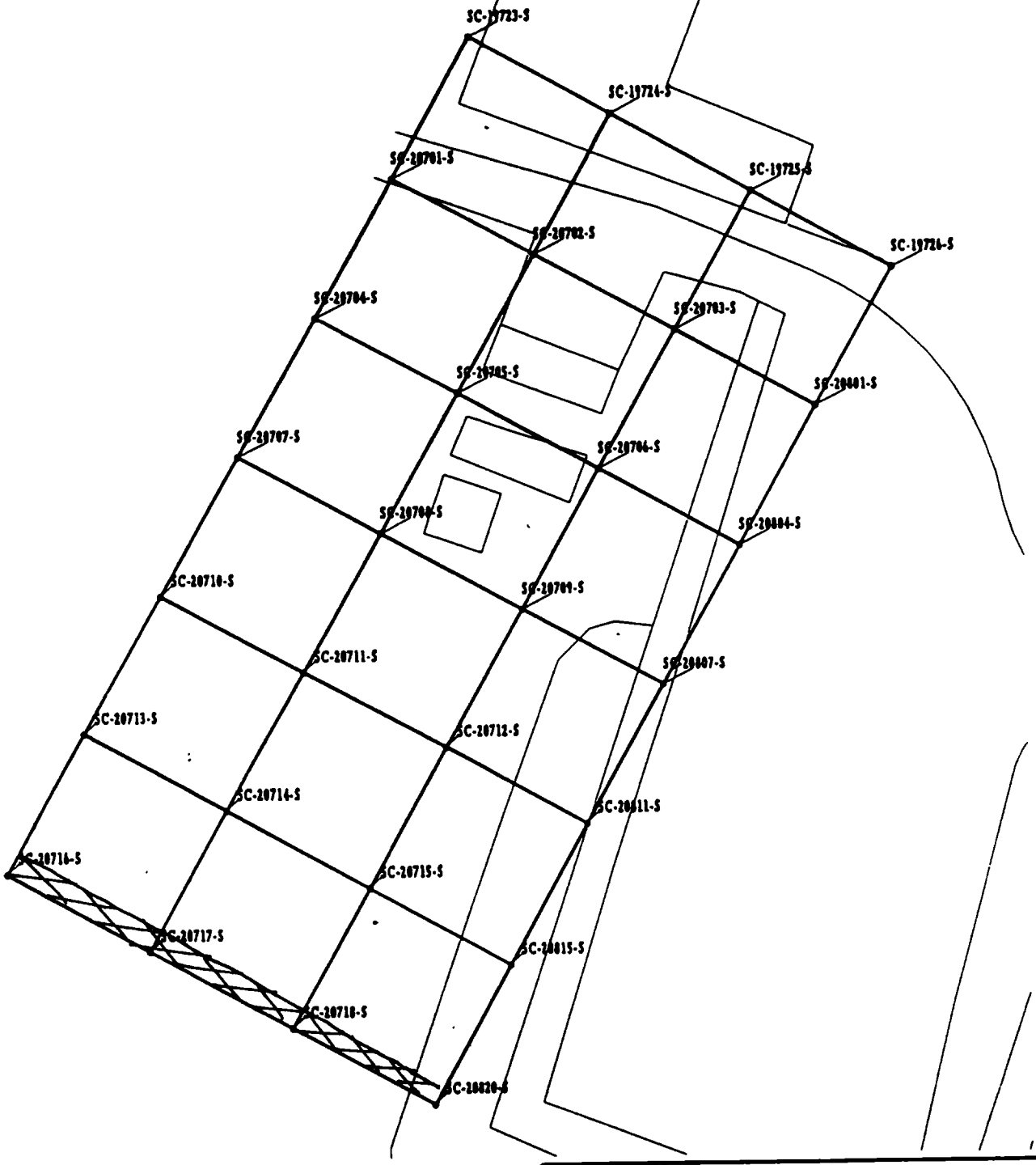
(IN FEET)

1 inch = 50 ft.

Meter Model #:	2221	Detector Model #:	44-10-2
Meter Serial #:	117617	Detector Serial #:	130764
Calibration Due:	10-13-00	Calibration Due:	9-24-00
Survey Date / Time:	4-6-00 / 1430	Field Bkg.:	4800 cpm
Surveyor(s):	D FLEMING		

Comments: ALL READINGS < 1.5 X BKG (SURROUNDING OF SC-20716-S)

Radiation Survey Form WP 437, RU022 CL207



WSSRAP GIS

15 7.5 0 METERS

45 22.5 0 FEET

N E S

Meter Model#: 2221

Meter Serial#: 127252

Calibration Due: 8-27-99

Survey Date/Time: 4/1/99

Detector Model#: 2x2 F

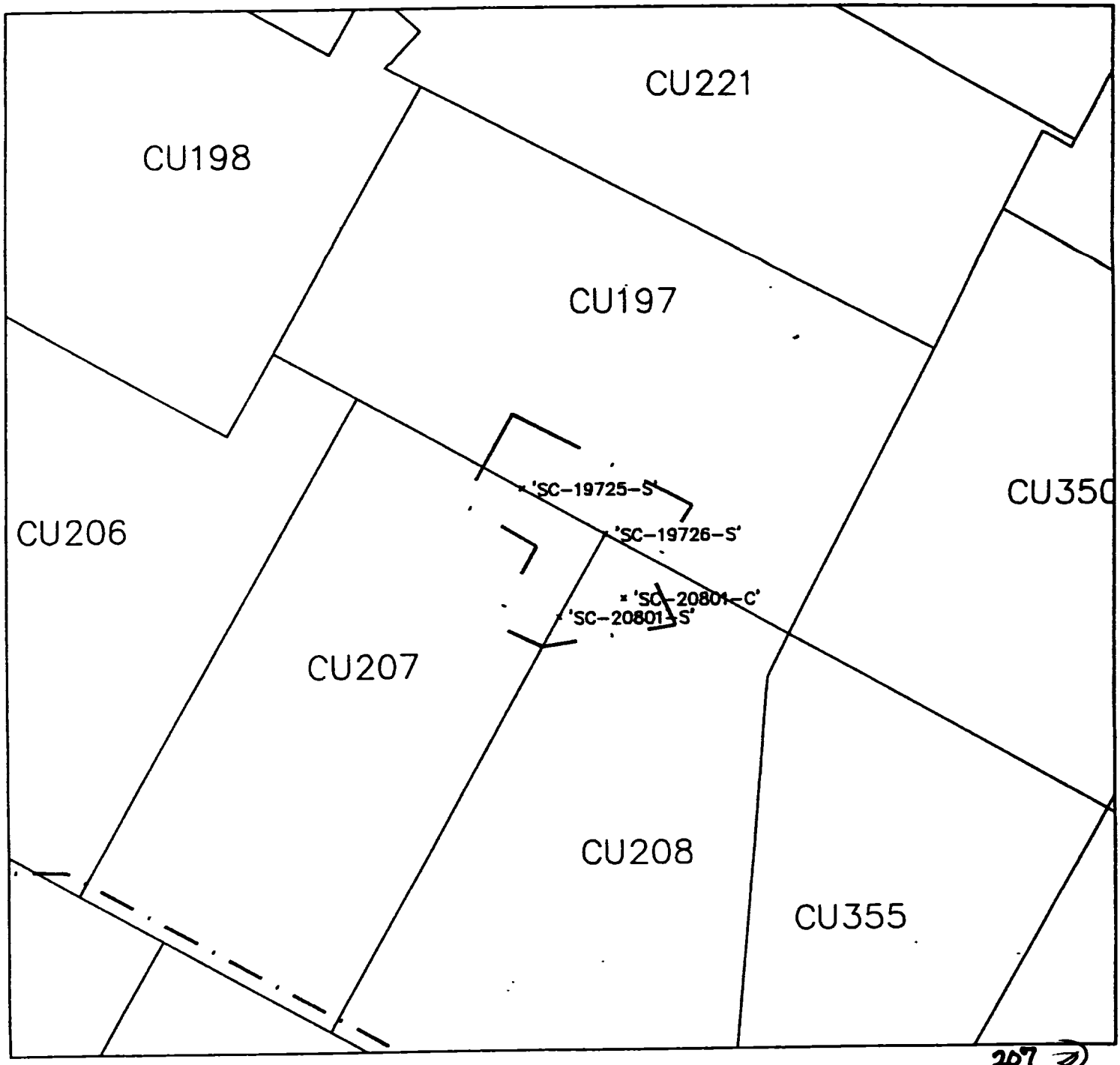
Detector Serial#: 122191

Calibration Due: 8-11-99

Field Bkg.: 5,000

Surveyor(s): C. Hanner & T. Brower

Comments: Area was surveyed and found to be less than 1.5 times background



LEGEND

Radiation Survey Form WP 437, RU 22 CU ~~197~~ 207

DBD CAD

• 'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

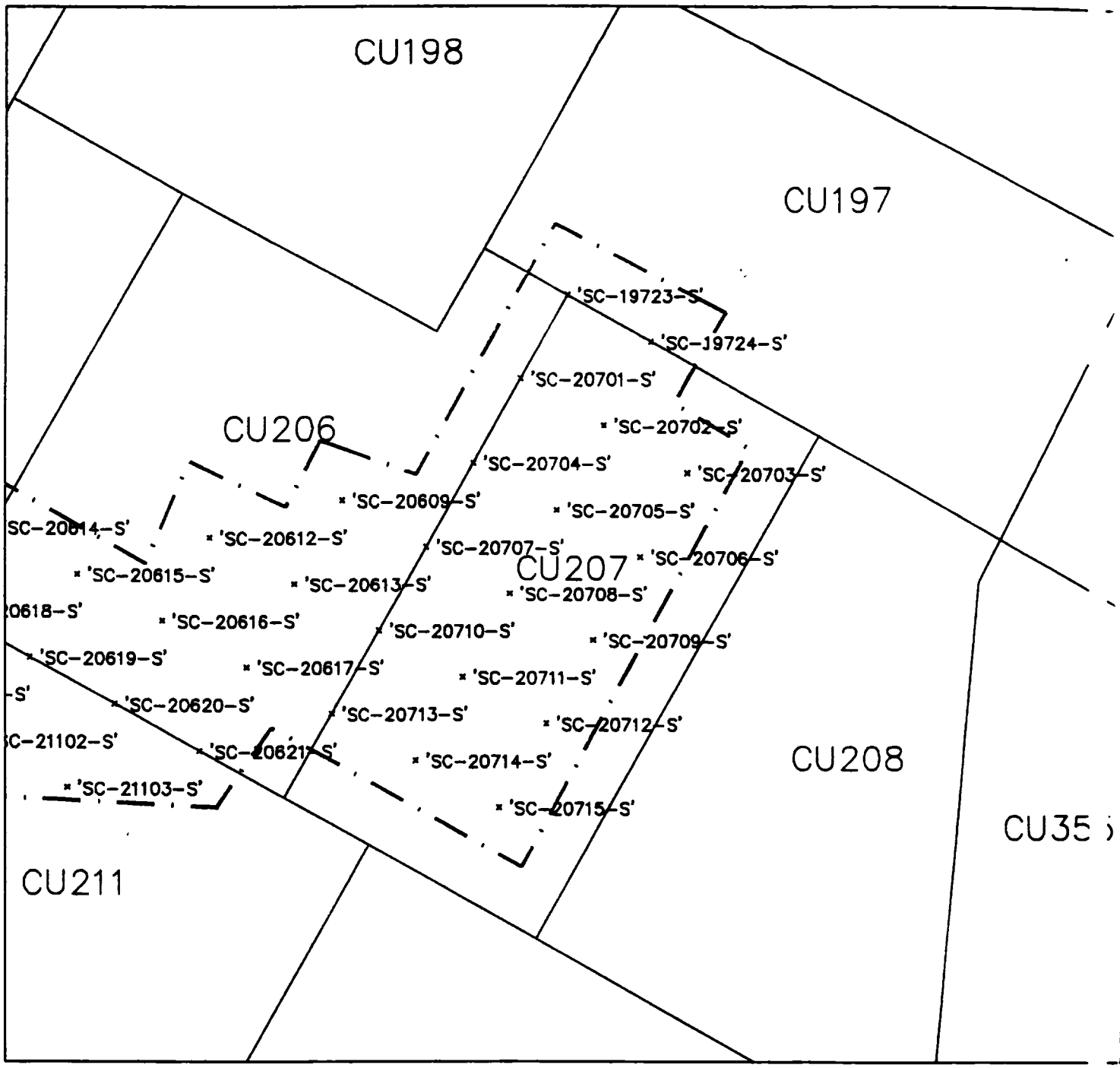
N

GRAPHIC SCALE

50 0 50 100

(IN FEET)
1 inch = 50 ft.

Meter Model #:	2221	Detector Model #:	NaI "2.2"
Meter Serial #:	117617	Detector Serial #:	130764
Calibration Due:	10-13-00	Calibration Due:	09-24-00
Survey Date / Time:	03-01-00	Field Bkg.:	4500 cpm
Surveyor(s):	J. Rank		
Comments:	All areas < 1.5 BK background.		



LEGEND

'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

N

GRAPHIC SCALE

50 0 50 100

(IN FEET)
1 inch = 50 ft.

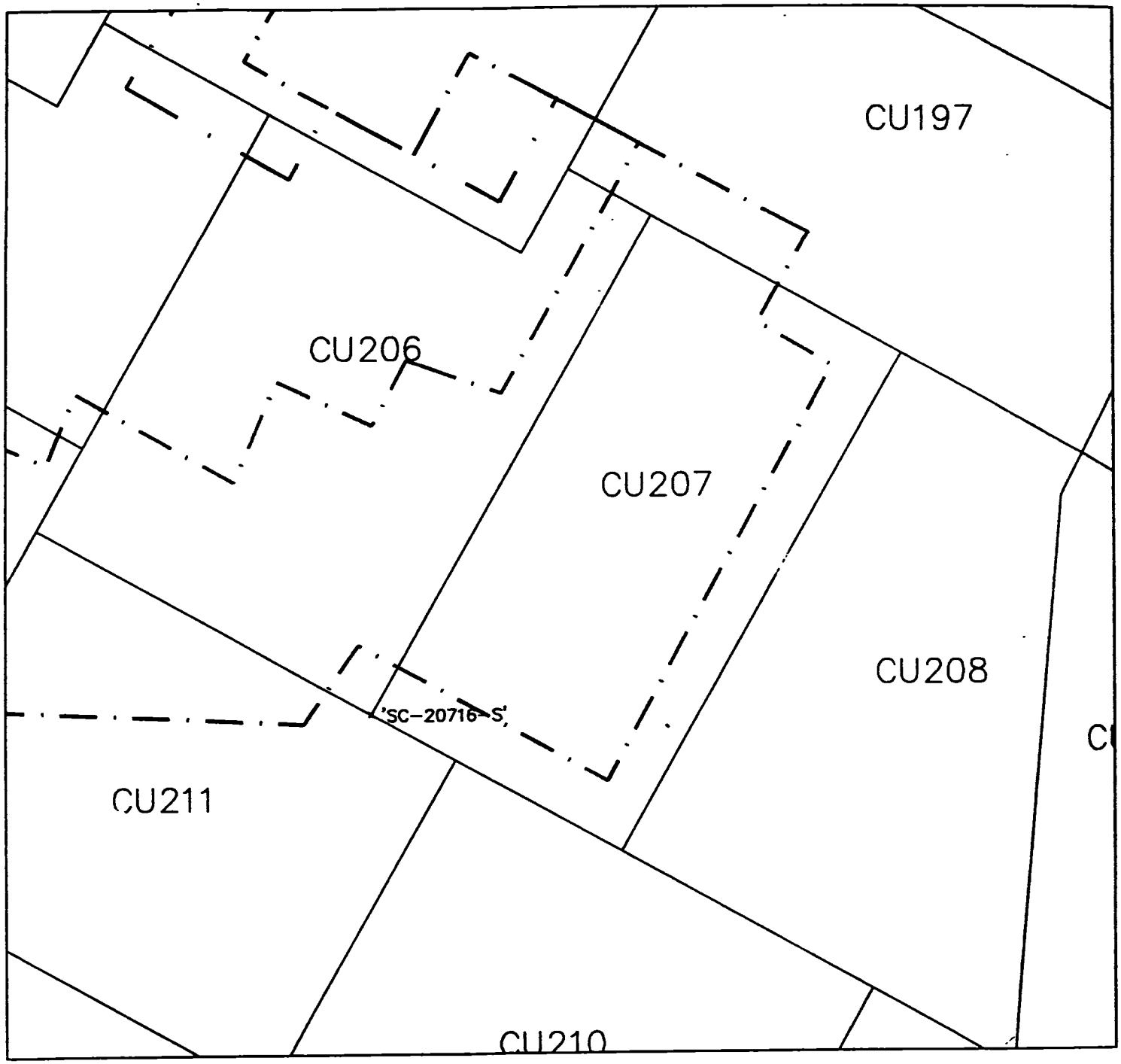
Radiation Survey Form WP 437, RU 23 CU 207

Date Plotted 3/29/00

DBO CAD

Meter Model #:	2221	Detector Model #:	2+2 Nat
Meter Serial #:	117617	Detector Serial #:	130764
Calibration Due:	10/15/00	Calibration Due:	9/24/00
Survey Date / Time:	3/28/00	Field Bkg.:	6000 cpm
Surveyor(s):	C. Hanner		

Comments: Area was surveyed and found to be less than 1.5 times background



LEGEND

· 'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

N

GRAPHIC SCALE

50 0 50 100

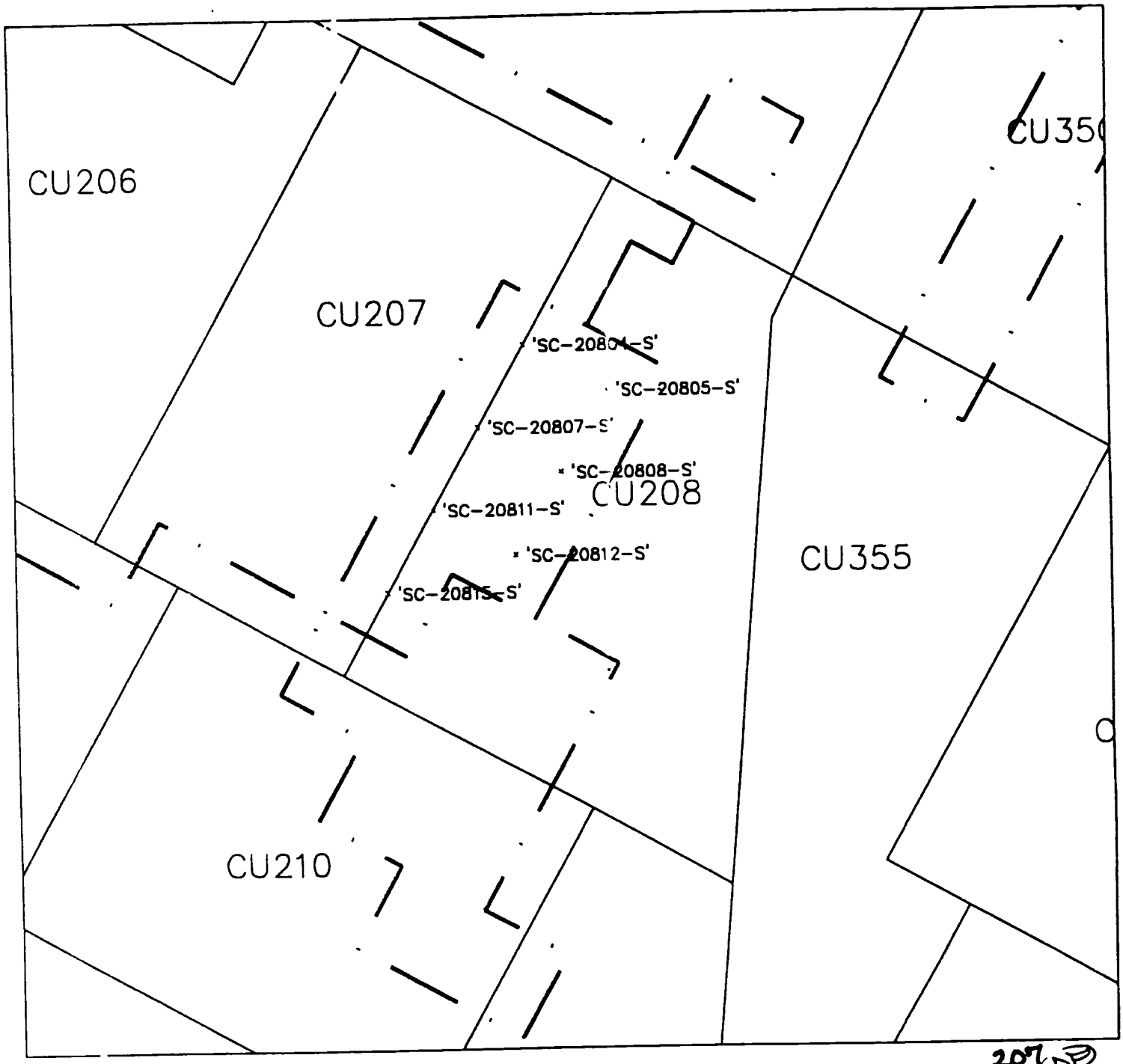
(IN FEET)
1 inch = 50 ft.

Radiation Survey Form WP 437, RU 22 CU 207

Date Plotted 4-6-00

DBO CAD

Meter Model #:	2221	Detector Model #:	44-10-2
Meter Serial #:	117617	Detector Serial #:	130764
Calibration Due:	10-13-00	Calibration Due:	9-24-00
Survey Date / Time:	4-6-00 / 1430	Field Bkg.:	4800 cpm
Surveyor(s):	D FLEMING		
Comments:	ALL READINGS < 1.5 X BKG (SURROUNDINGS OF SC-20716-S)		



LEGEND

• 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

N

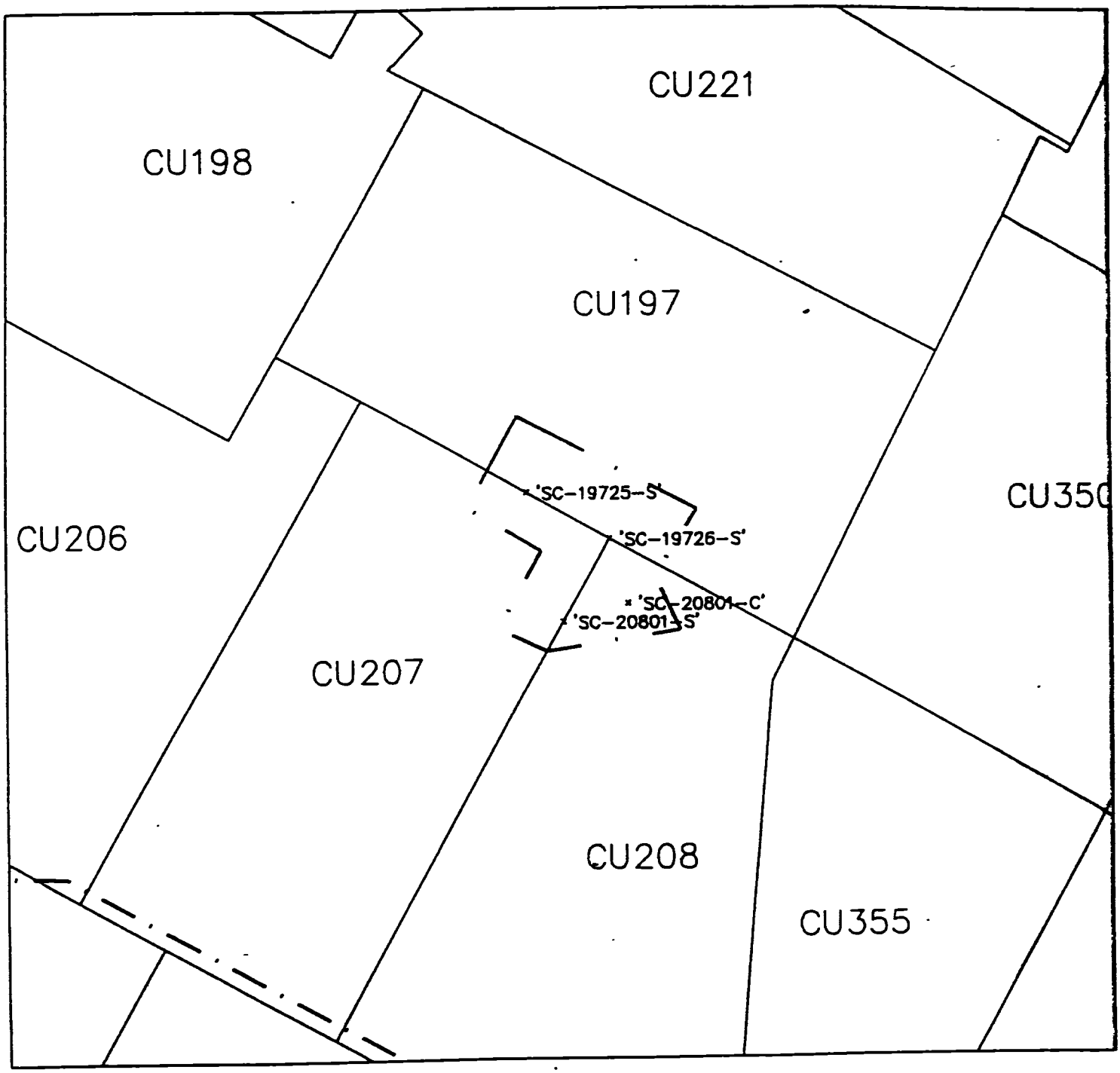
Radiation Survey Form WP 437, RU 22 CU ~~208~~ 207 (DP)

Date Plotted 4/14/00

DBD CAD

Meter Model #:	2221	Detector Model #:	44-10 "L"
Meter Serial #:	125434	Detector Serial #:	130763
Calibration Date:	11/12/00	Calibration Date:	9/24/00
Survey Date / Time:	4/13/00	Field Bkg.:	4000 cpm
Surveyor(s):	E. Hurtt		

Comments: Area was found to be less than 1.5 times background



LEGEND

Radiation Survey Form WP 437, RU 22 CU 208

DEO CAD

· 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

N

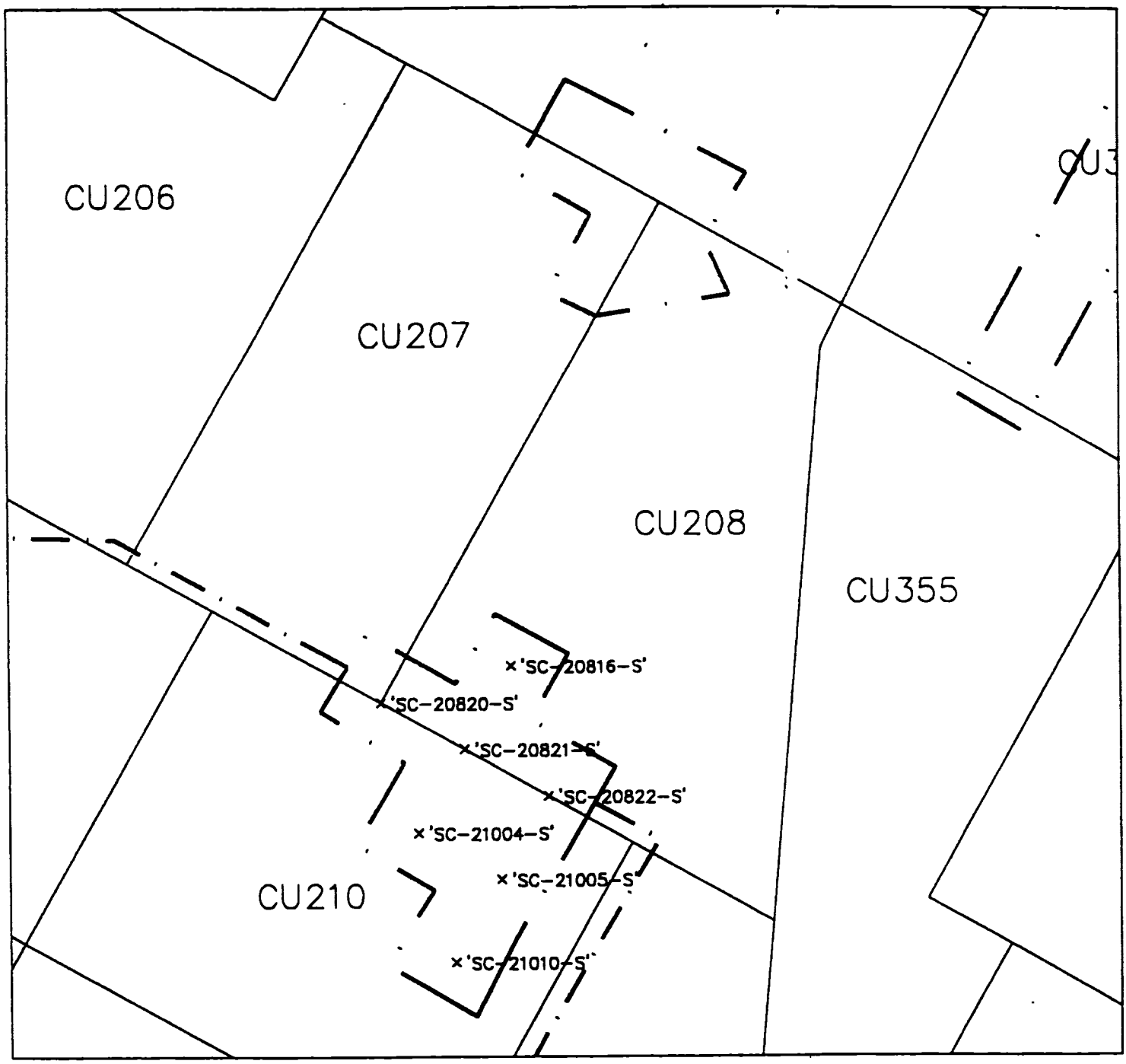
GRAPHIC SCALE

50 0 50 100

(IN FEET)

1 inch = 50 ft.

Meter Model #:	2221	Detector Model #:	NaI "2-2"
Meter Serial #:	117617	Detector Serial #:	130764
Calibration Due:	10-13-00	Calibration Due:	09-24-00
Survey Date / Time:	03-01-00	Field Bkg.:	4500 cpm
Surveyor(s):	J. Bankin		
Comments:	All areas < 2.5 BKGround.		



LEGEND

• 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

N

GRAPHIC SCALE

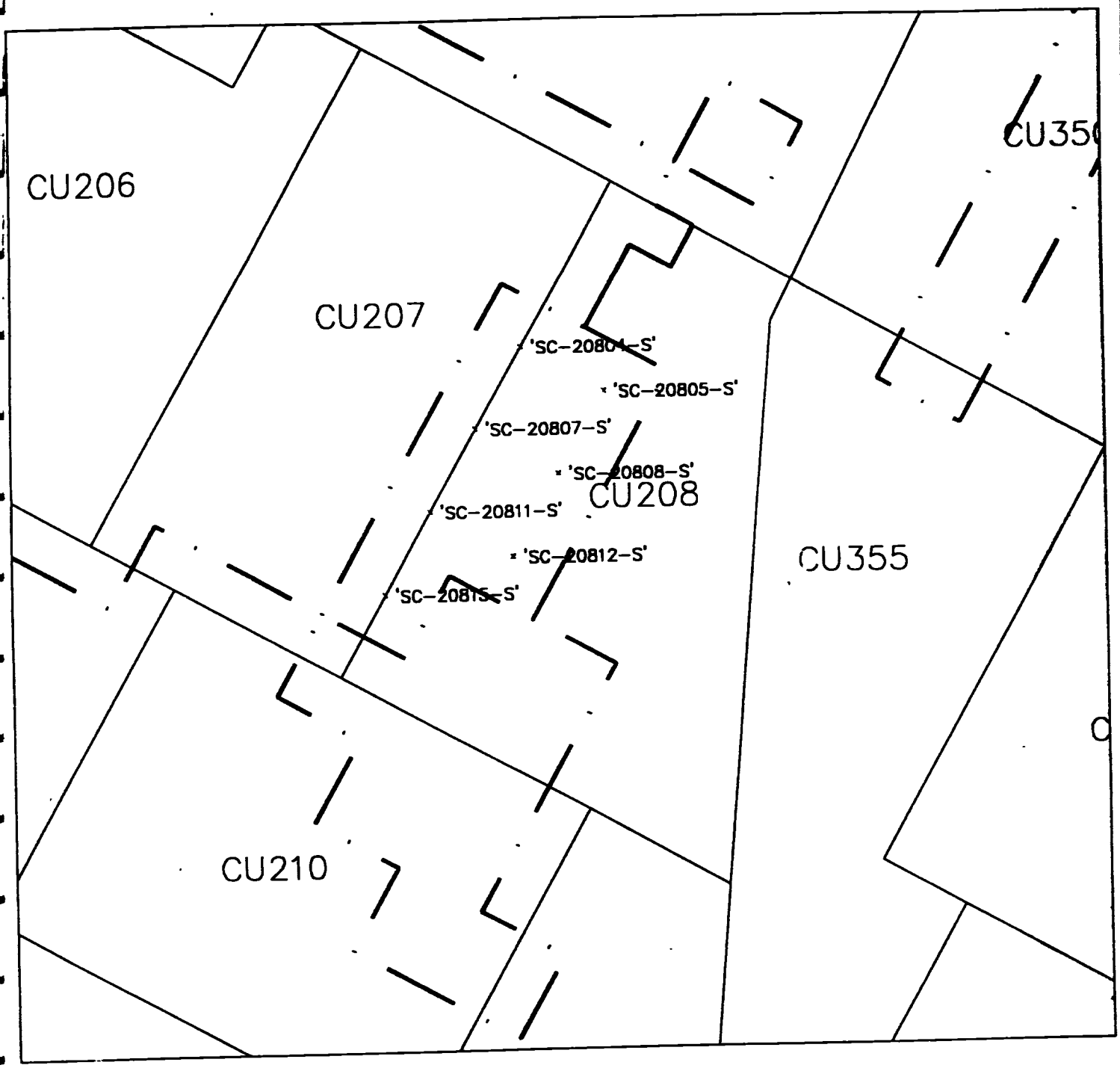
50 0 50 100

(IN FEET)
1 inch = 50 ft.

Radiation Survey Form WP 437, RU 22 CU 208

DEO CAD

Meter Model #:	2221	Detector Model #:	NaI "2-2" m
Meter Serial #:	117617	Detector Serial #:	130764
Calibration Date:	10-13-00	Calibration Date:	09-24-00
Survey Date / Time:	03-13-00	Field Bkg.:	9500 cpm
Surveyor(s):	[illegible]		
Comments:	All areas < 1.5 Background		



LEGEND

• 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

N

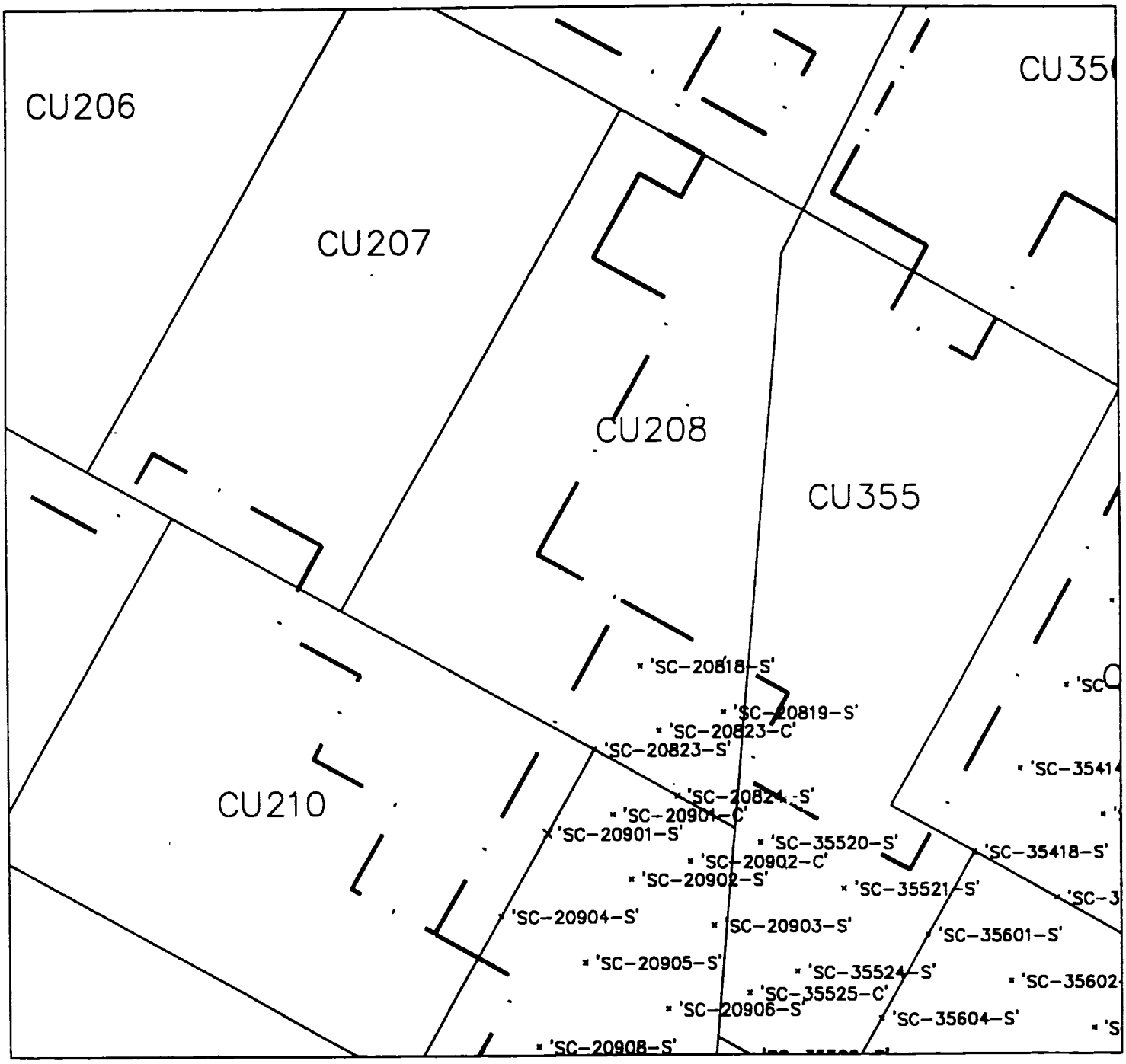
Radiation Survey Form WP 437, RU 22 CU 208

Date Plotted 4/14/00

DHD CAD

Meter Model #:	2221	Detector Model #:	44-10 "L"
Meter Serial #:	125434	Detector Serial #:	130763
Calibration Due:	11/12/00	Calibration Date:	9/24/00
Survey Date / Time:	4/13/00	Field Bkg.:	4000 cpm
Surveyor(s):	E. Hurtt		

Comments: Area was found to be less than 1.5 times background



LEGEND

• 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

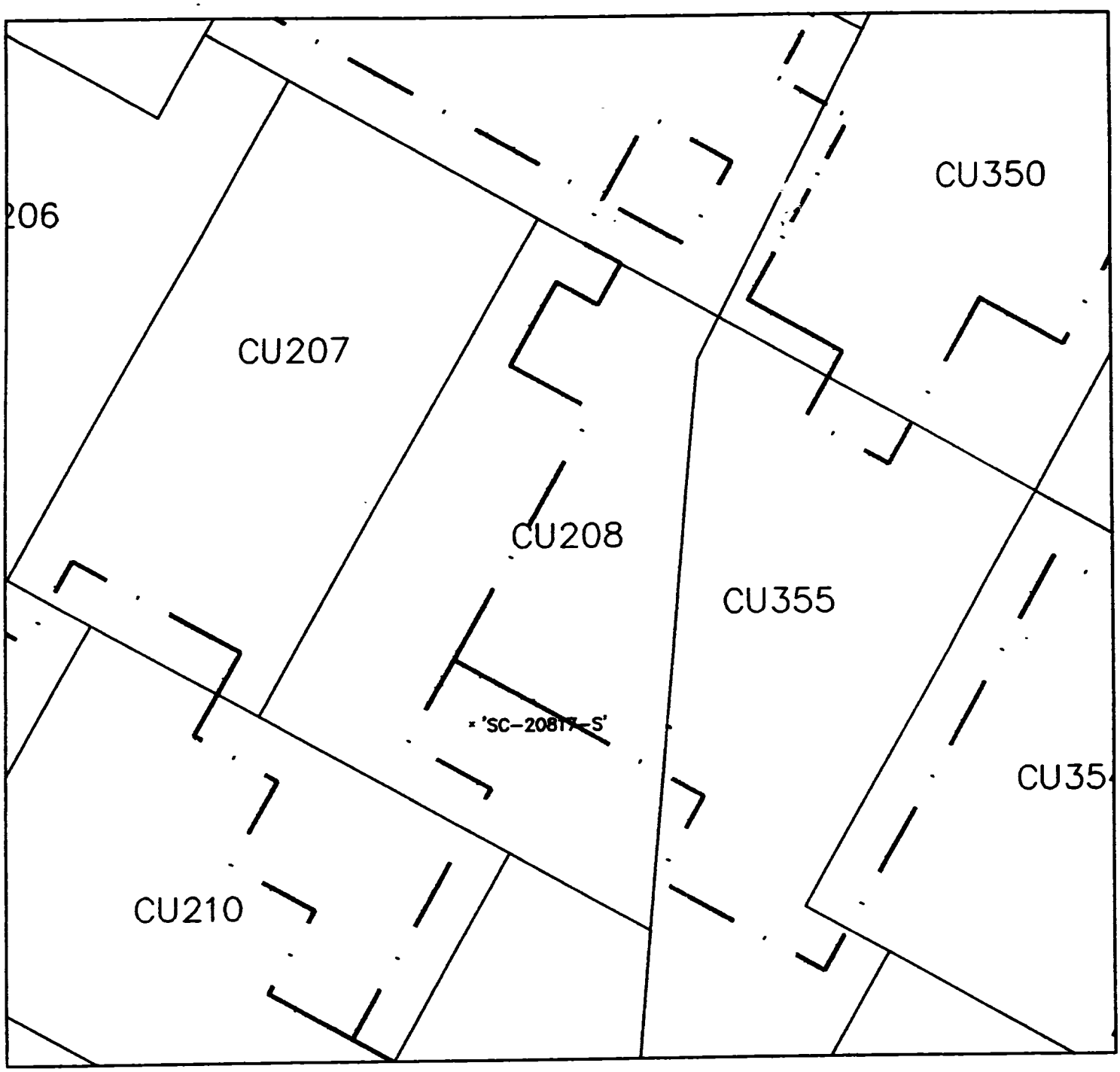
N

Radiation Survey Form WP 437, RU 22 CU 208

Date Plotted 4/20/00 DBO CAD

Meter Model #:	2221	Detector Model #:	2x2 NaI "M"
Meter Serial #:	117647	Detector Serial #:	130764
Calibration Date:	10/13/00	Calibration Date:	9/24/00
Survey Date / Time:	4/19/00	Field Bkg.:	6000 cpm
Surveyor(s):	C. Hanner		

Comments: Area was surveyed and found to be less than 1.5 times background



LEGEND

· 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

N

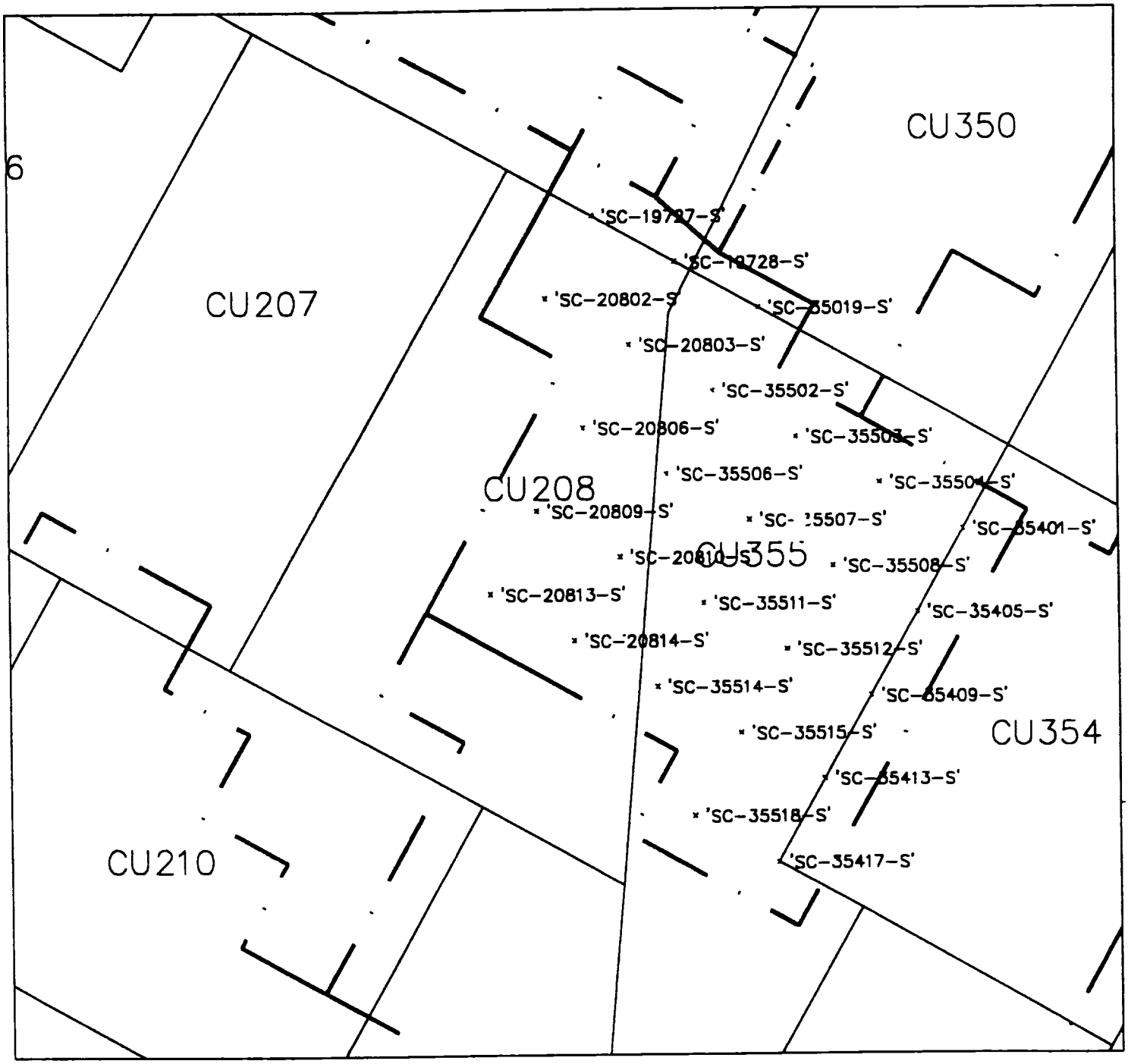
Radiation Survey Form W - 437, RU 22 CU 208

Date Plotted 4/21/00

DBD CAD

Meter Model #:	2221	Detector Model #:	2x2 NaI "M"
Meter Serial #:	117617	Detector Serial #:	130764
Calibration Due:	10/13/00	Calibration Due:	9/24/00
Survey Date / Time:	4/20/00	Field Bkg.:	6000 cpm
Surveyor(s):	C. Hamm		

Comments: Area was surveyed and found to be less than 1.5 times background



LEGEND

'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

N

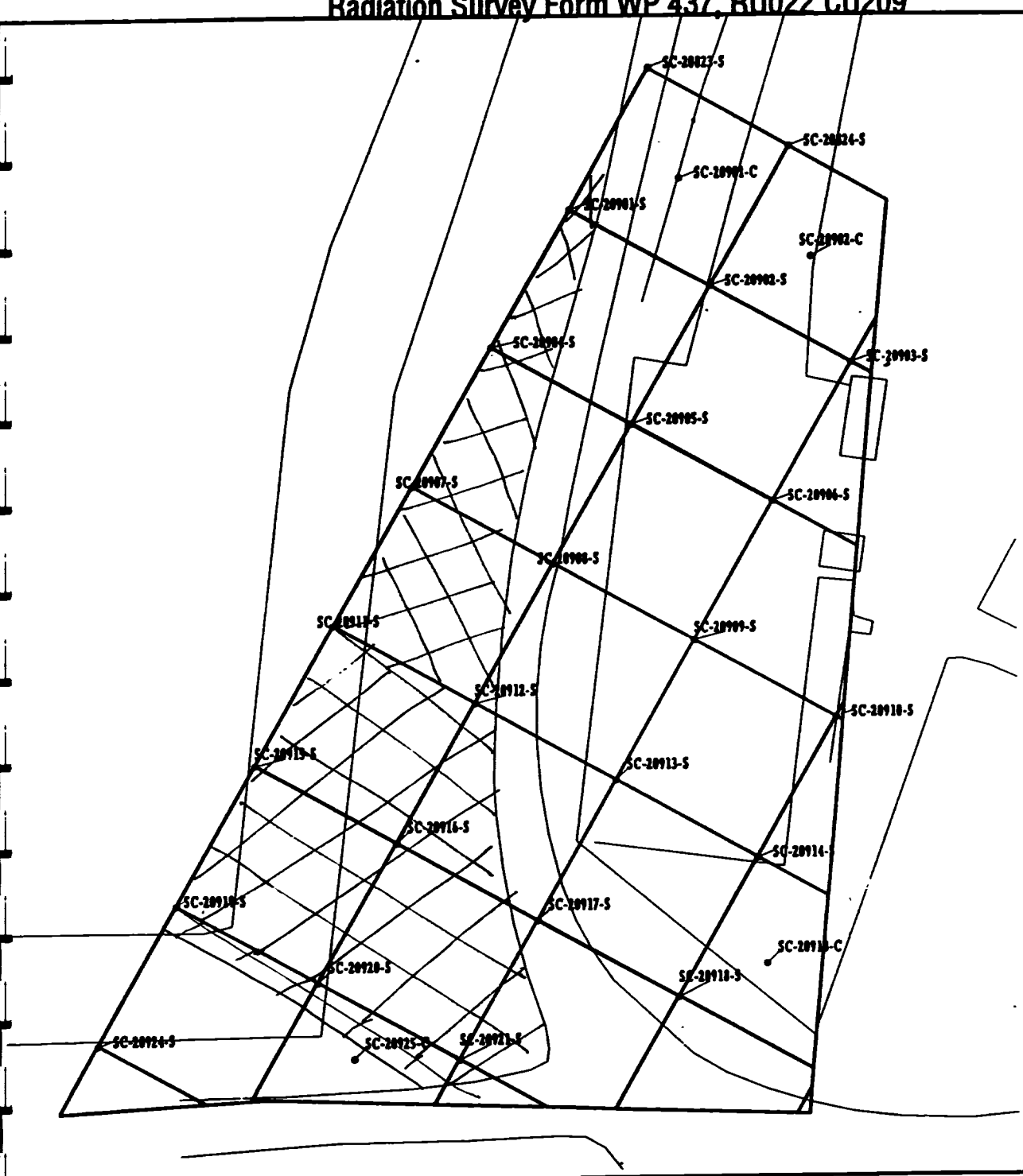
Radiation Survey Form WP 437, RU 22 CU 208

Date Plotted 4/28/00 DBO CAD

Meter Model #:	2221	Detector Model #:	2+2 NaI 4 m²
Meter Serial #:	117617	Detector Serial #:	130764
Calibration Due:	10/13/00	Calibration Due:	9/24/00
Survey Date / Time:	4/27/00	Field Bkg.:	5700 cpm
Surveyor(s):	C. Hanner		

Comments: Area was surveyed and found to be less than 1.5 times background

Radiation Survey Form WP 437, BU022 CU209



WSSRAP GIS

Meter Model#: 2221 / 2221

Meter Serial#: 117607 / 125435

Calibration Due: 12-18-99 / 12-20-99

Survey Date/Time: 2-2-99

Surveyor(s): C. Hanner & J. Rankins

Detector Model#: NaI "O" & "L"

Detector Serial#: 5779 / 130673

Calibration Due: 5-6-99 / 8-11-99

Field Bkg.: 10,000 & 4500

Comments: Area Surveyed and found to be below 1.5 times background

15 7.5 0 METERS

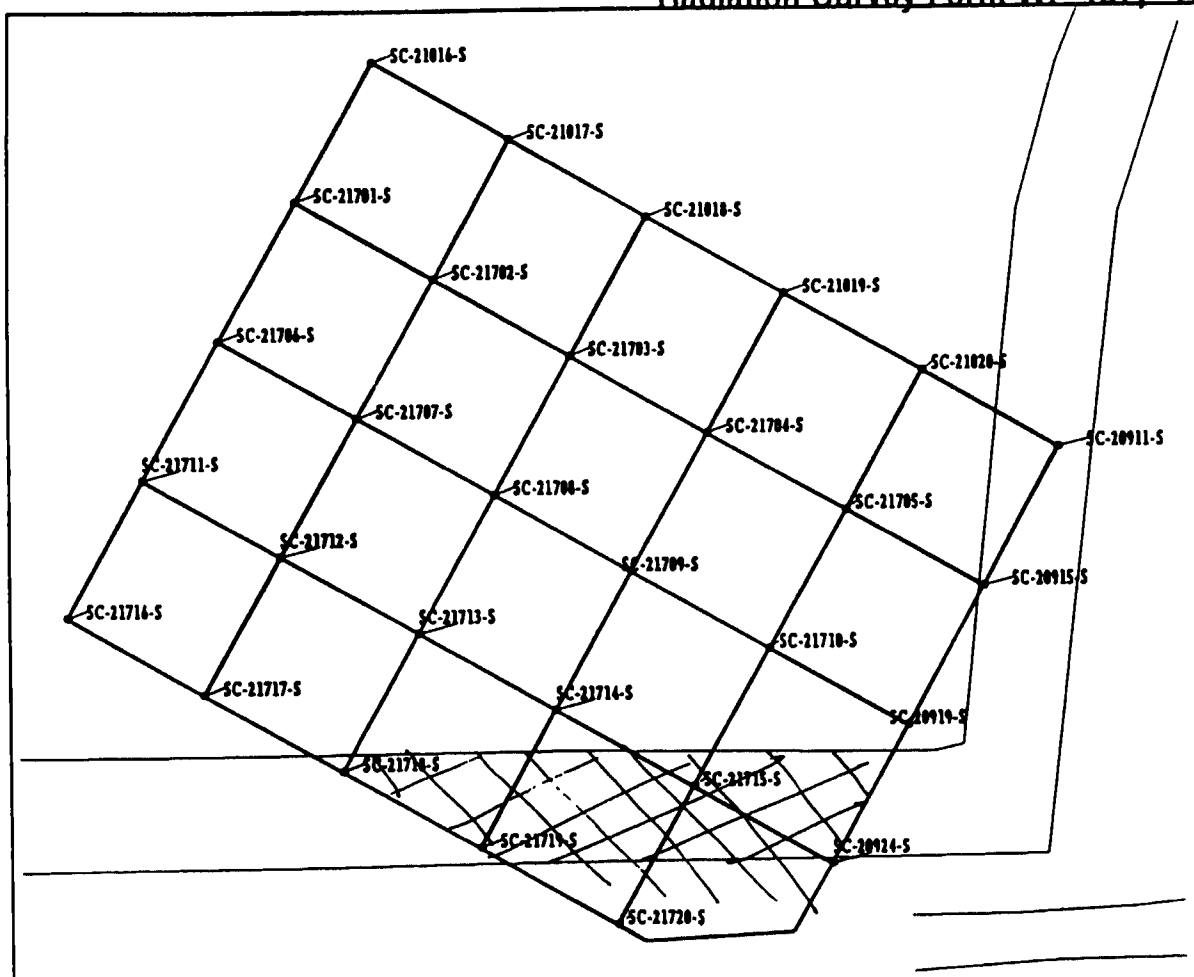
45 22.5 0 FEET

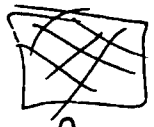
N

S

209

Radiation Survey Form WP 437, RU022CU217

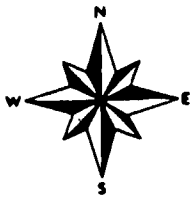




Area Surveyed

15 7.5 0 15 METERS

45 22.5 0 45 FEET



WSSRAP G

Meter Model#: 2221 / 2221 Detector Model#: NaI "O" & "L"

Meter Serial#: 117607 / 125435 Detector Serial#: 5779 / 130673

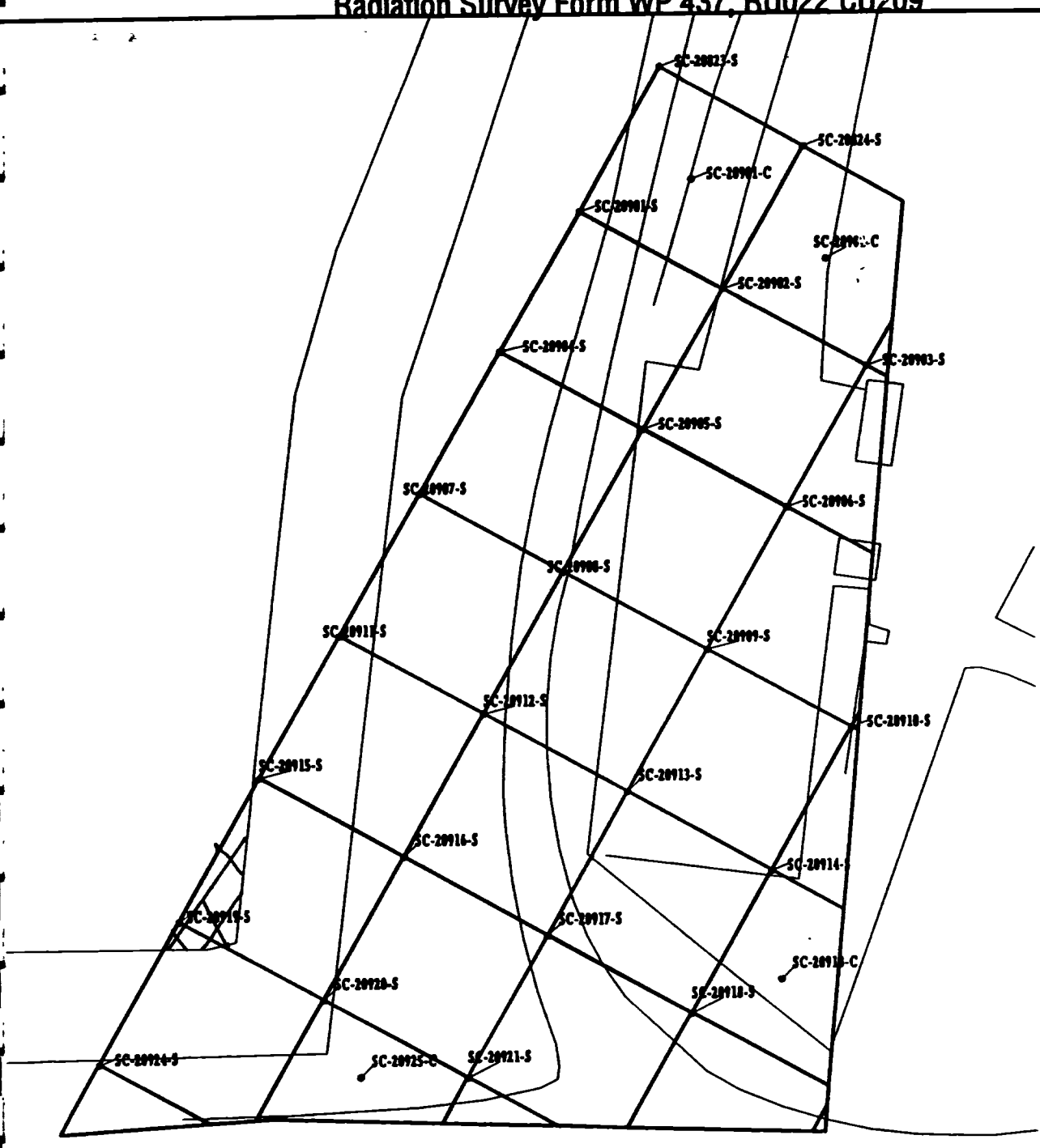
Calibration Due: 12-18-99 / 12-20-99 Calibration Due: 5-6-99 / 8-11-99

Survey Date/Time: 2-4-99 Field Bkg.: 10,000 & 5000

Surveyor(s): C Hanner & J. Rankins

Comments: Area surveyed & found to be below 1.5 times background

Radiation Survey Form WP 437, BU022 CU209



WSSRAP GIS

15 7.5 0 METERS

45 22.5 0 FEET

N

S

Meter Model#: 2221

Meter Serial#: 127252

Calibration Due: 8-27-99

Survey Date/Time: 3-30-99

Surveyor(s): T. Brown

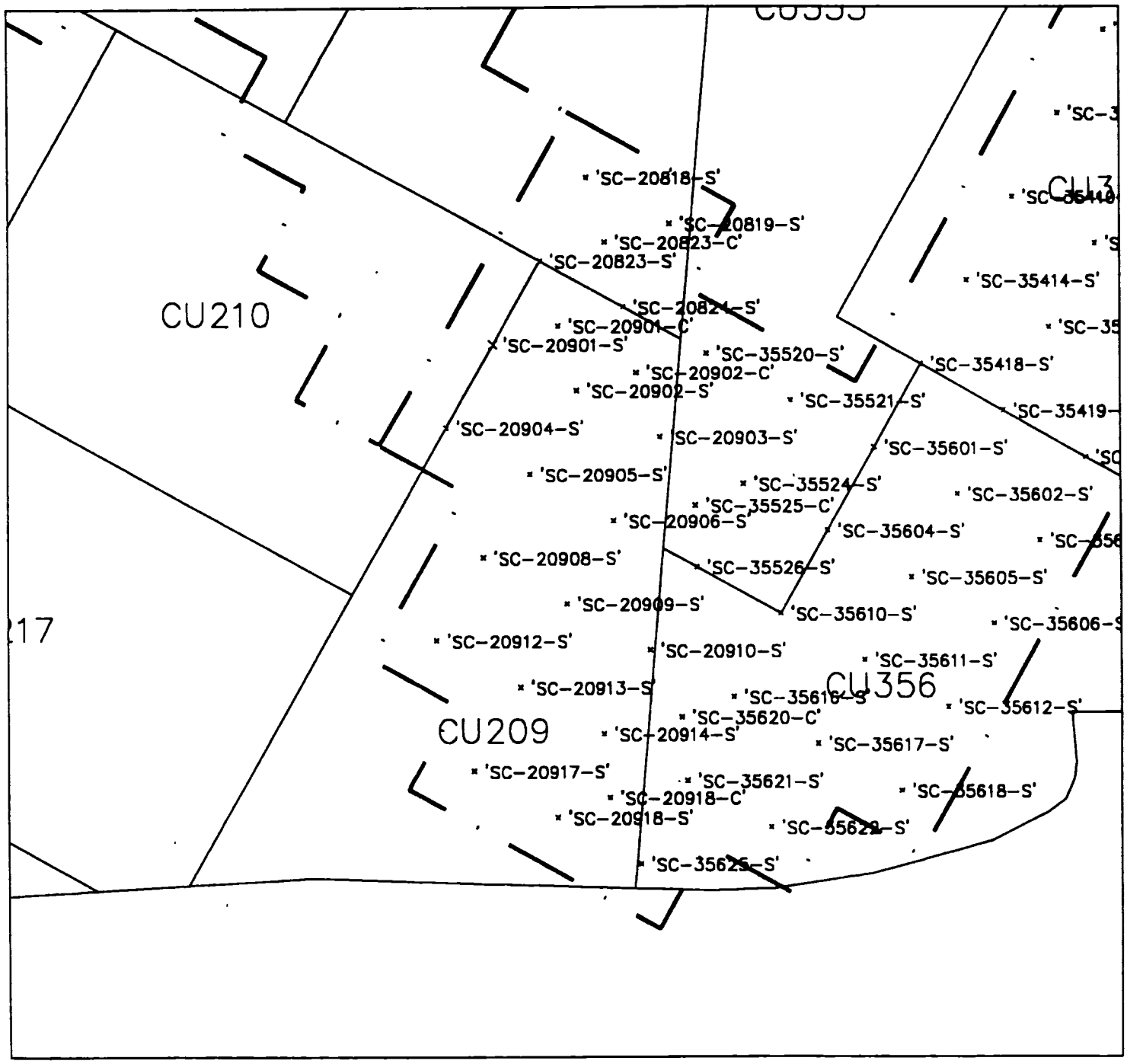
Comments: All readings <1.5 times background

Detector Model#: 2x2 F

Detector Serial#: 122191

Calibration Due: 8-11-99

Field Bkg.: 5,000 cPM



LEGEND

'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

N

Radiation Survey Form WP 437, RU 22 **CU** 209

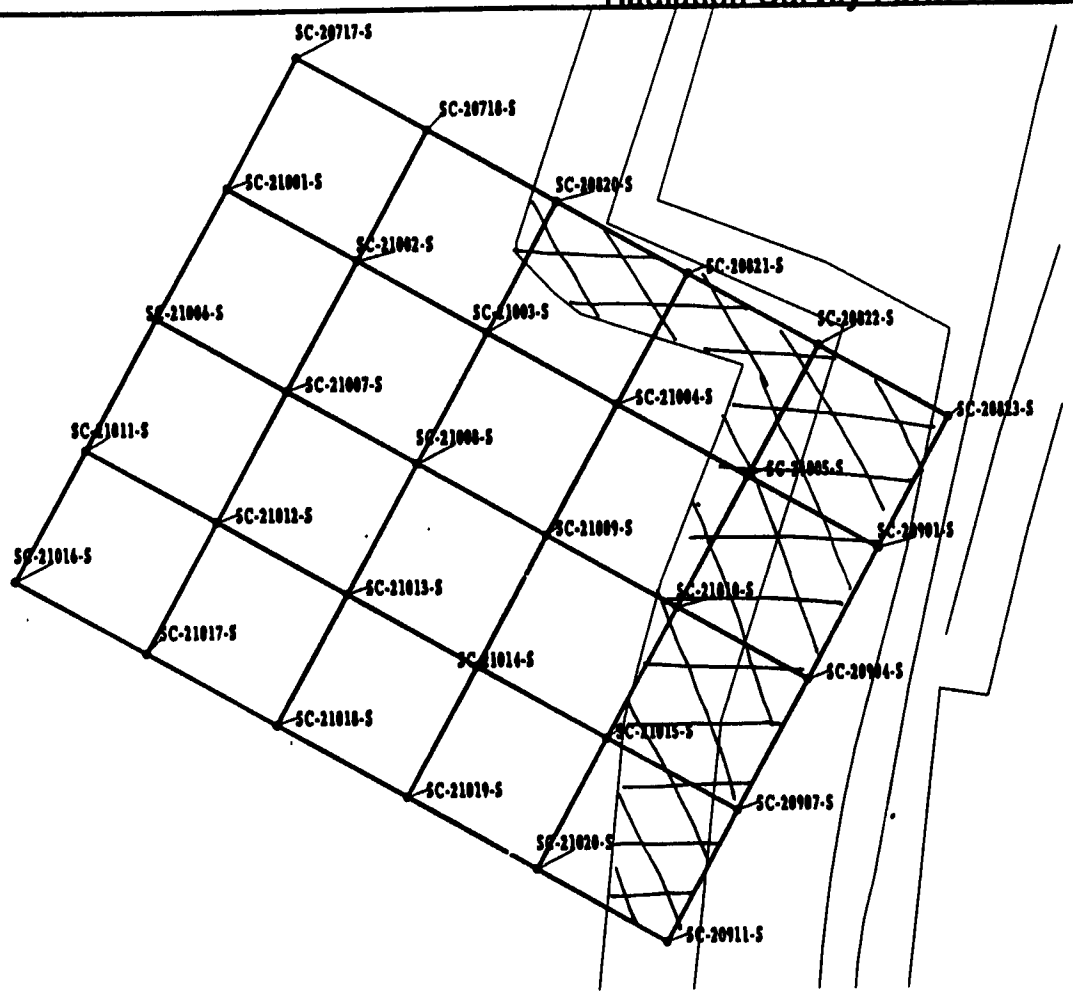
Date Plotted 4/20/00

DBD CAD

Meter Model #:	2221	**Detector Model #:**	2x2 NaI "M"
Meter Serial #:	117617	**Detector Serial #:**	130764
Calibration Date:	10/13/00	**Calibration Date:**	9/24/00
Survey Date / Time:	4/19/00	**Field Bkg.:**	6000 cpm
Surveyor(s):	C. Hanner		

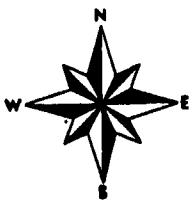
Comments: Area was surveyed and found to be less than 1.5 times background

Radiation Survey Form WP 437, BU022CU210



15 7.5 0 15 METERS

45 22.5 0 45 FEET



WSSRAP GIS

Meter Model#: 2221 / 2221 Detector Model#: NaI "O" & "L"

Meter Serial#: 117607 / 125435 Detector Serial#: 5779 / 130673

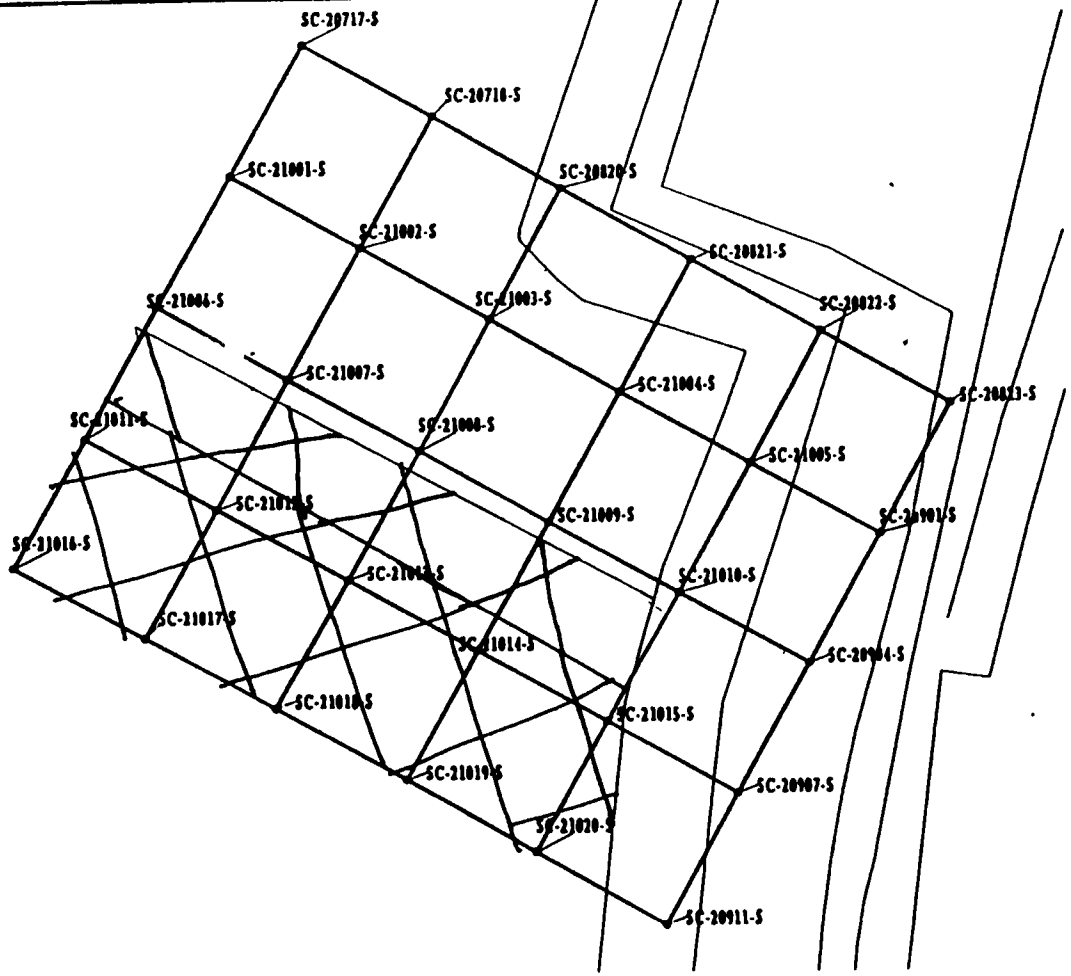
Calibration Due: 12-18-99 / 12-20-99 Calibration Due: 5-6-99 / 8-11-99

Survey Date/Time: 2-2-99 Field Bkg.: 10,000 & 4,500

Surveyor(s): C. Hanner & J. Rankins

Comments: Area Surveyed and found to be below 1.5 times background

Radiation Survey Form WP 437, RU022CU210



15 7.5 0 15 METERS

45 22.5 0 45 FEET

N
W E
S

WSSRAP GI

Meter Model#: 2221 Detector Model#: 2x2 "F"

Meter Serial#: 127252 Detector Serial#: 122191

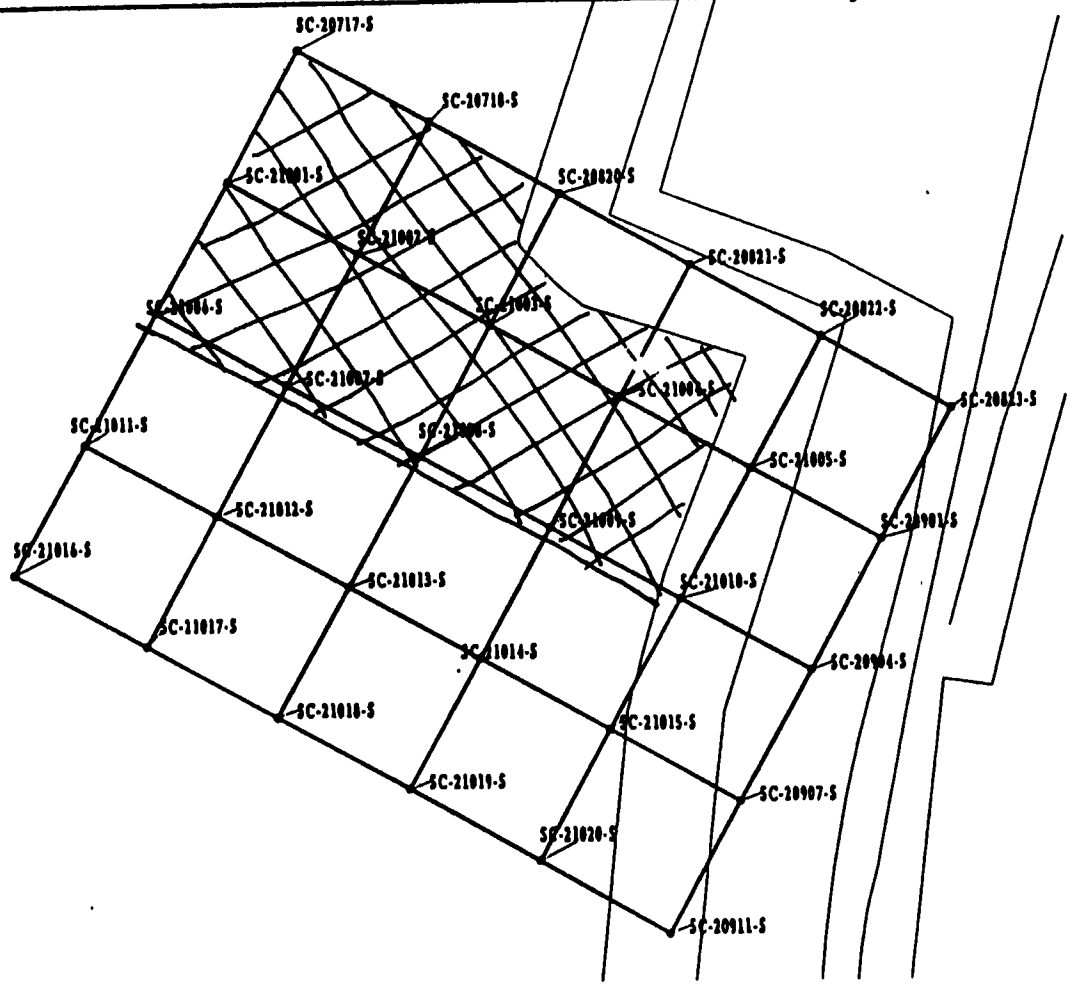
Calibration Due: 8-27-99 Calibration Due: 8-11-99

Survey Date/Time: 3/30/99 Field Bkg.: 5,000 CPM

Surveyor(s): T Brewer

Comments: All readings <1.5 times background

Radiation Survey Form WP 437, RU022CU210



WSSRAP GIS

15 7.5 0 15 METERS

45 22.5 0 45 FEET

N W E S

Meter Model#: 2221 Detector Model#: 2x2 F

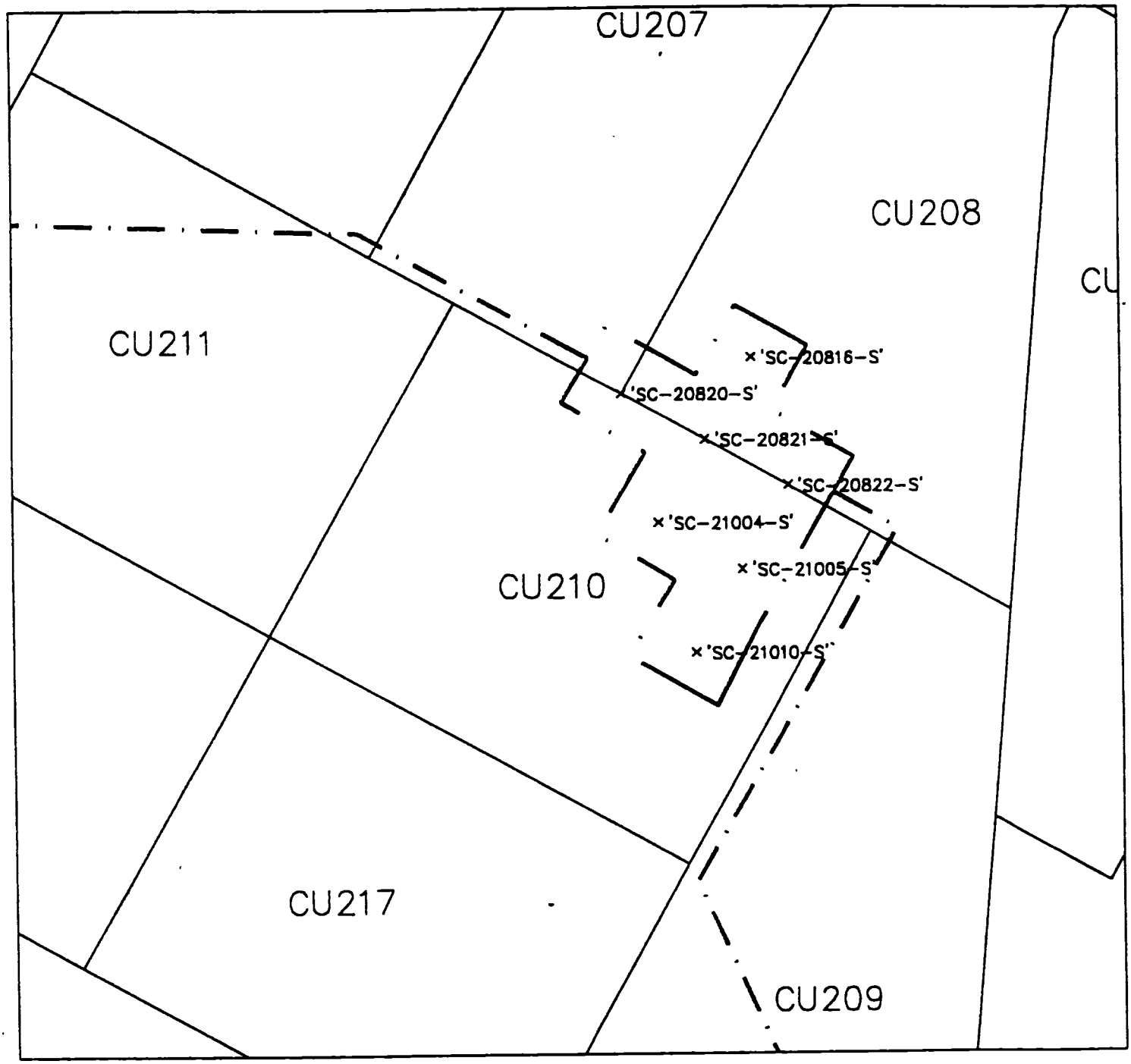
Meter Serial#: 127252 Detector Serial#: 122191

Calibration Due: 8-27-99 Calibration Due: 8-11-99

Survey Date/Time: 4/1/99 Field Bkg.: 5,000

Surveyor(s): C. Hanner & T. Brown

Comments: Area was surveyed and found to be less than 1.5 times background



LEGEND

· 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

N

GRAPHIC SCALE

50 0 50 100

(IN FEET)

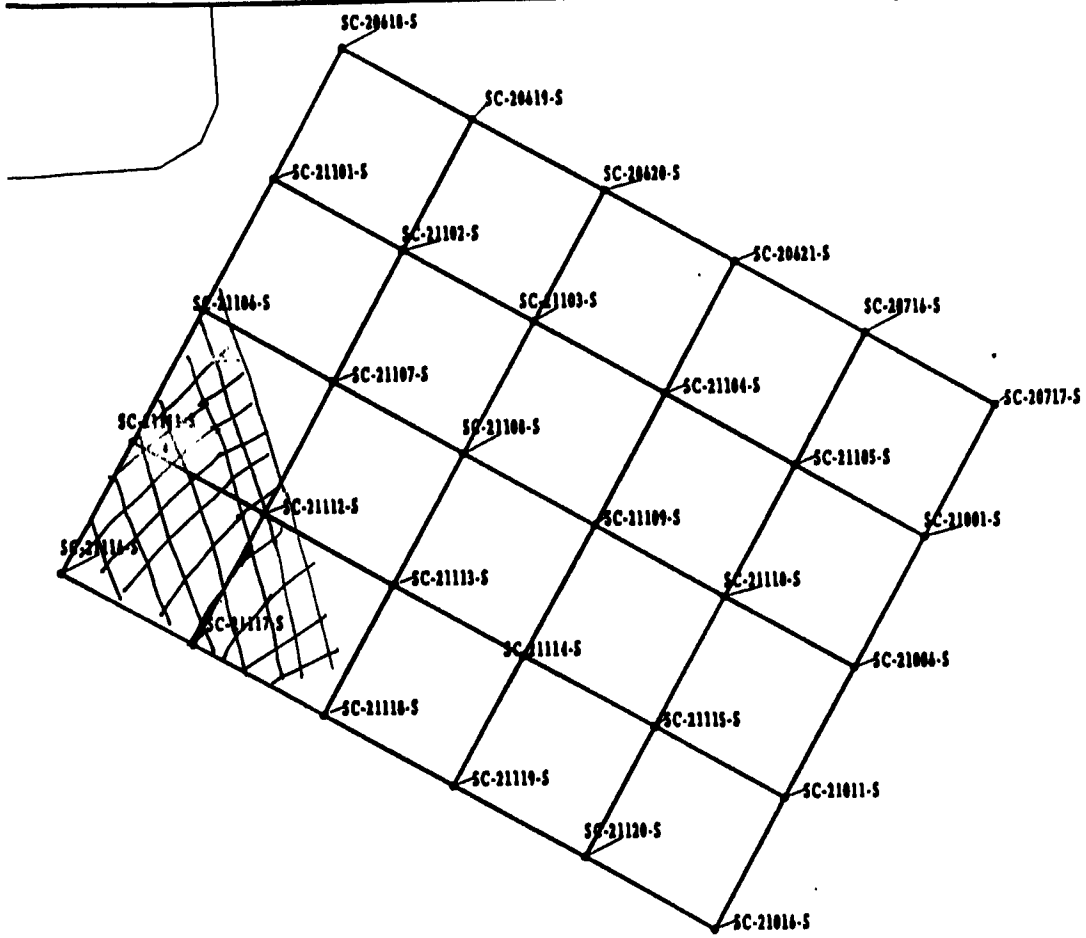
1 inch = 50 ft.

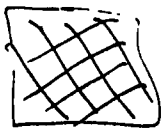
Radiation Survey Form WP 437, RU 22 **CU** 210

DHO CAD

Meter Model #:	2221	Detector Model #:	NaI "2×2"
Meter Serial #:	117617	Detector Serial #:	130764
Calibration Due:	10-13-00	Calibration Due:	09-24-00
Survey Date / Time:	03-13-00	Field Bkg.:	4500 cpm
Surveyor(s):	J. Banks		
Comments:	All areas < 1.5 Bkground		

Radiation Survey Form WP 437, RU022CU211



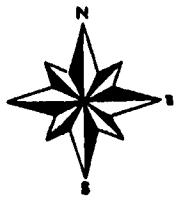


Area Surveyed

WSSRAP GIS

15 7.5 0 15 METERS

45 22.5 0 45 FEET



Meter Model#: 2221 | 2221 Detector Model#: 44-10 | 44-10

Meter Serial#: 127252 | 117607 Detector Serial#: 14517 | 122191

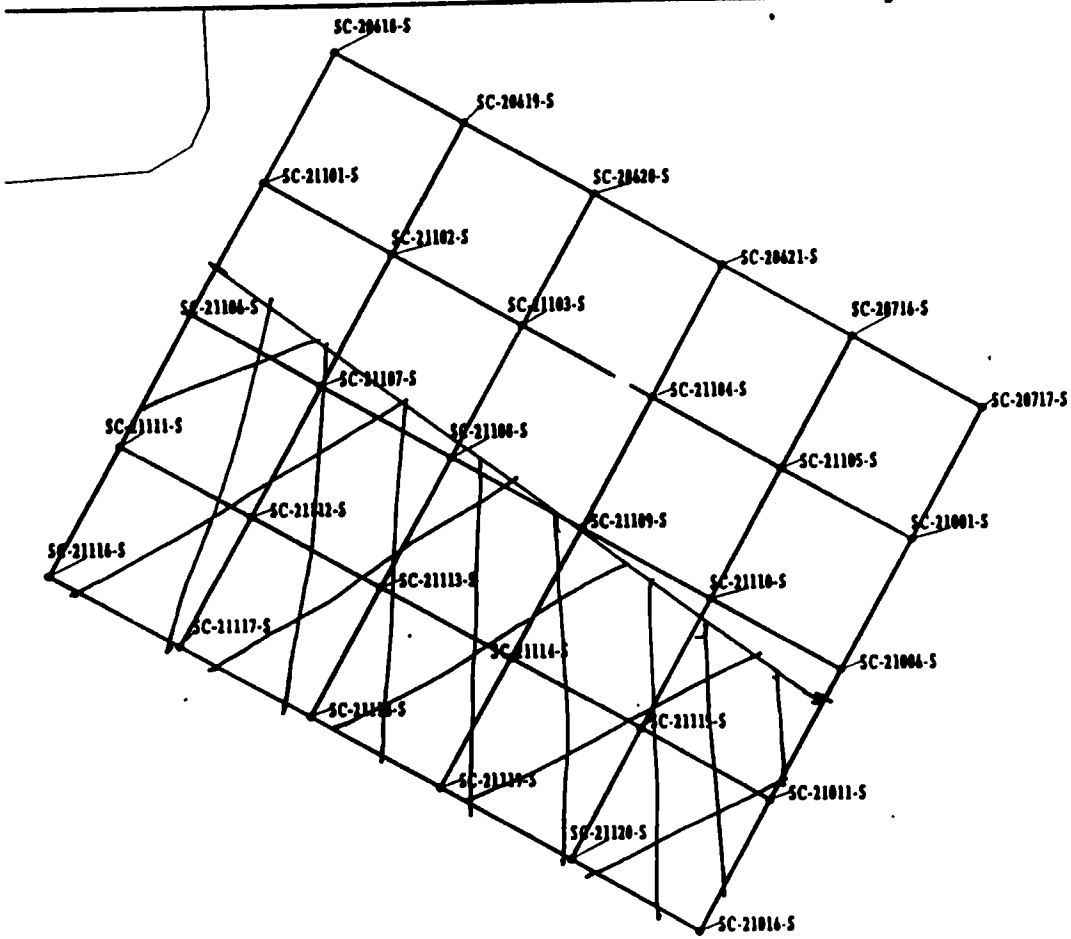
Calibration Due: 8-27-99 | 12-18-99 Calibration Due: 8-11-99 | 5-6-99

Survey Date/Time: 3-26-99 Field Bkg.: 4500 cpm

Surveyor(s): C. Hanner & T. Brower

Comments: Area was surveyed and found to be less than 1.5 times background

Radiation Survey Form WP 437, RU022CU211



WSSRAP GIS

15 7.5 0 15 METERS

45 22.5 0 45 FEET

N
S

Meter Model#: 2221 Detector Model#: 2x2F

Meter Serial#: 127252 Detector Serial#: 122191

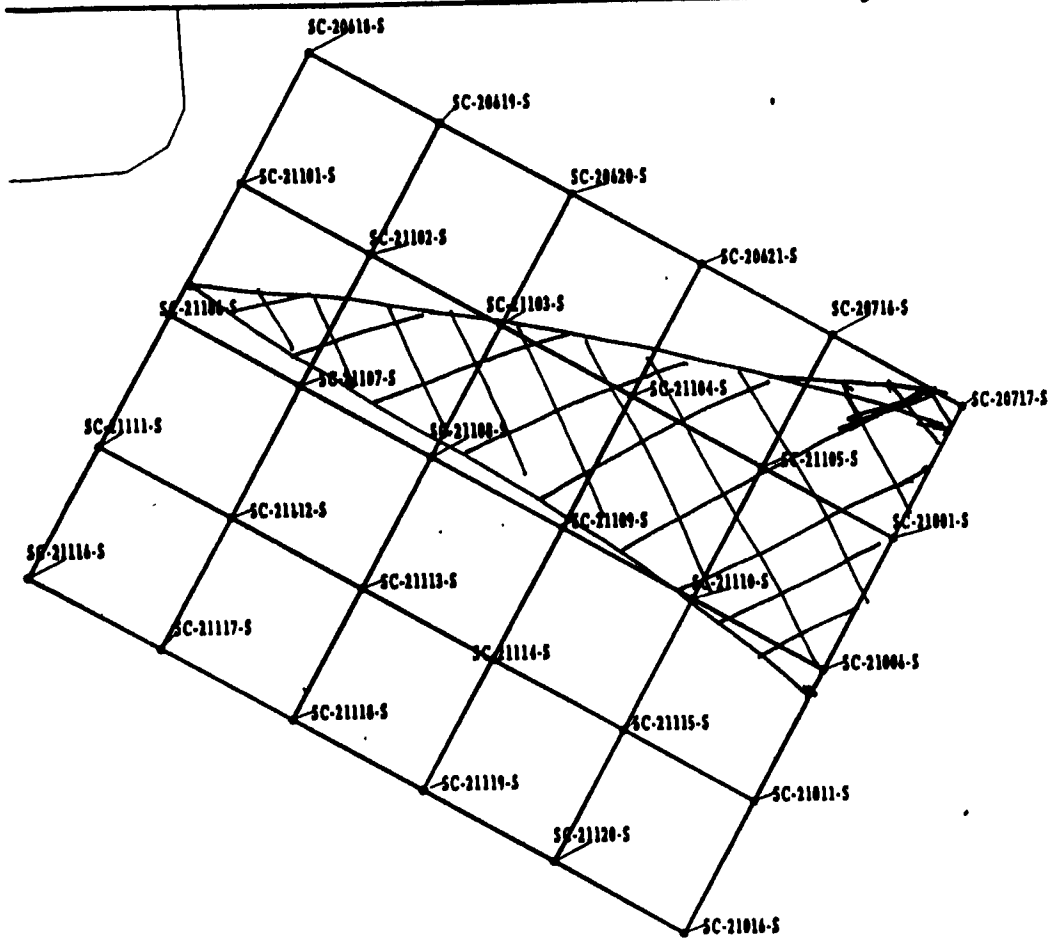
Calibration Due: 8-27-99 Calibration Due: 8-11-99

Survey Date/Time: 3/30/99 Field Bkg.: 5,000 CPM

Surveyor(s): T. Brewer

Comments: All readings <1.5 times background

Radiation Survey Form WP 437, BU022CU211



WSSRAP GIS

15 7.5 0 15 METERS

45 22.5 0 45 FEET

N
S

Meter Model#: 2221 Detector Model#: 2x2 F

Meter Serial#: 127252 Detector Serial#: 122191

Calibration Due: 8-27-99 Calibration Due: 8-11-99

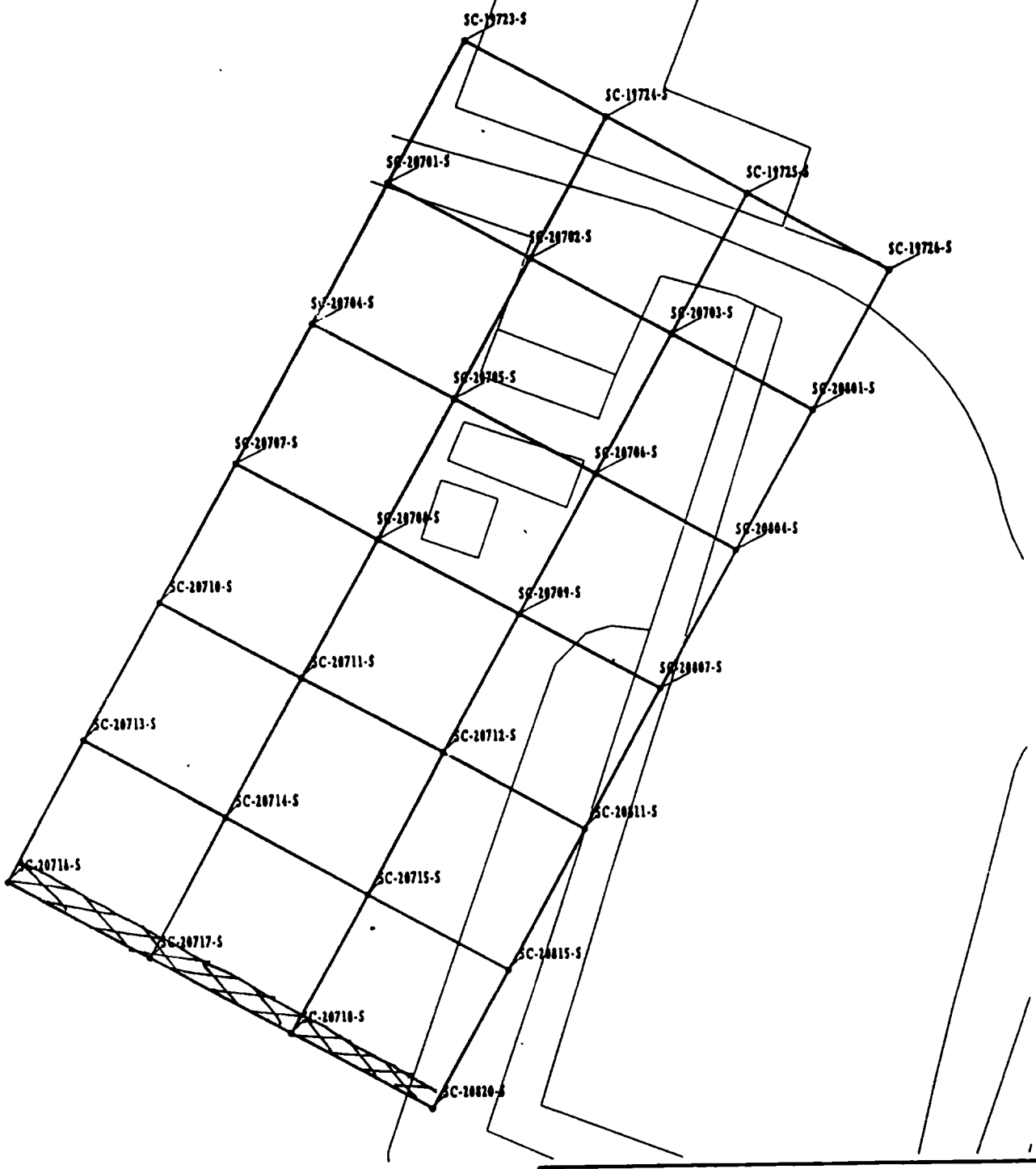
Survey Date/Time: 4/1/99 Field Bkg.: 5,000

Surveyor(s): C. Hanner

Comments: Area was surveyed and found to be less than 1.5 times background

211 ΔF

Radiation Survey Form WP 437, BU022 CU~~207~~



WSSRAP GIS

15 7.5 0 METERS

45 22.5 0 FEET

Meter Model#: 2221

Meter Serial#: 127252

Calibration Due: 8-27-99

Survey Date/Time: 41.199

Surveyor(s): C. Hanner & T. Brower

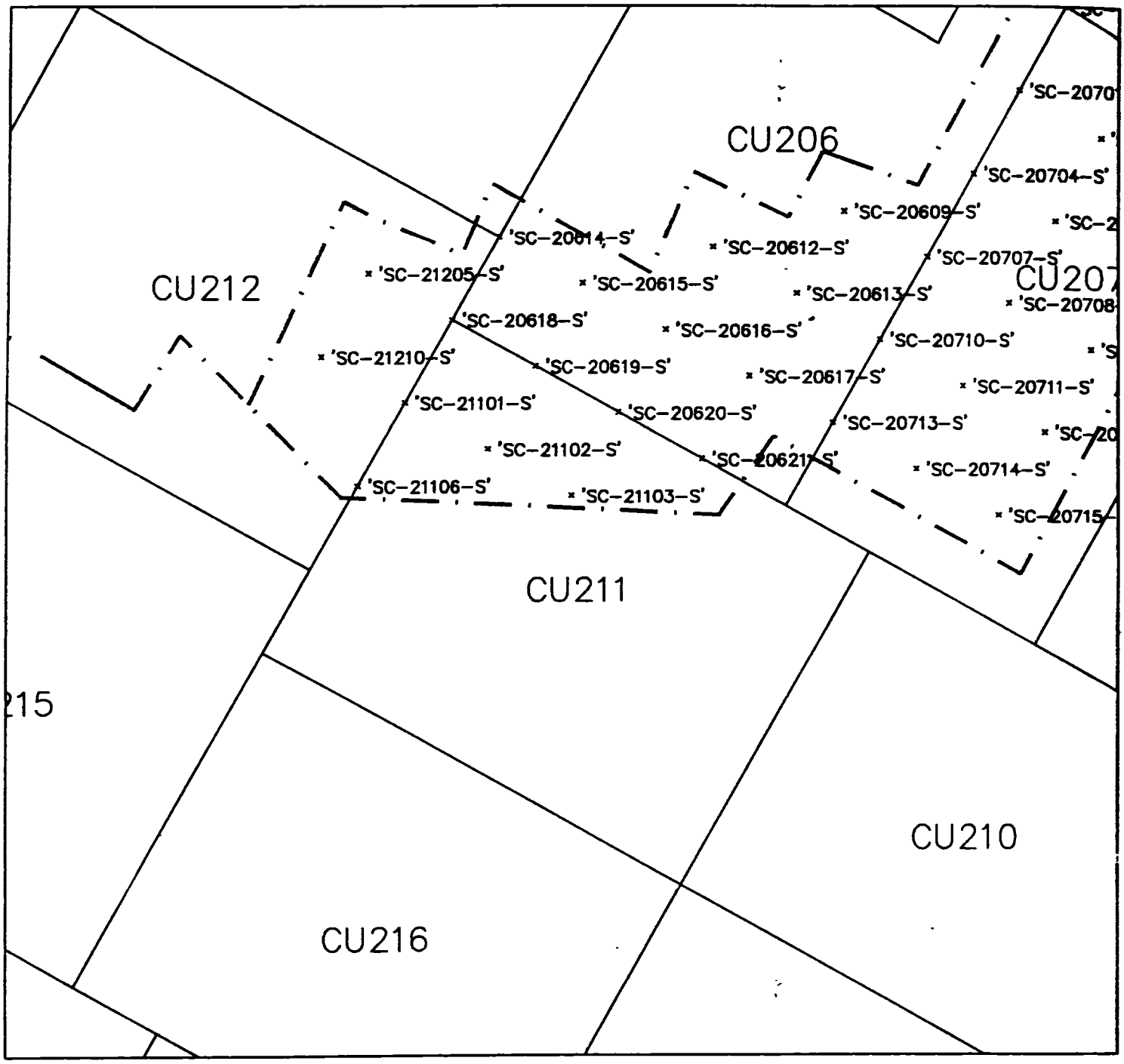
Detector Model#: 2x2 F

Detector Serial#: 12191

Calibration Due: 8-11-99

Field Bkg.: 5,000

Comments: Area was surveyed and found to be less than 1.5 times background



LEGEND

• 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

N

GRAPHIC SCALE

50 0 50 100

(IN FEET)

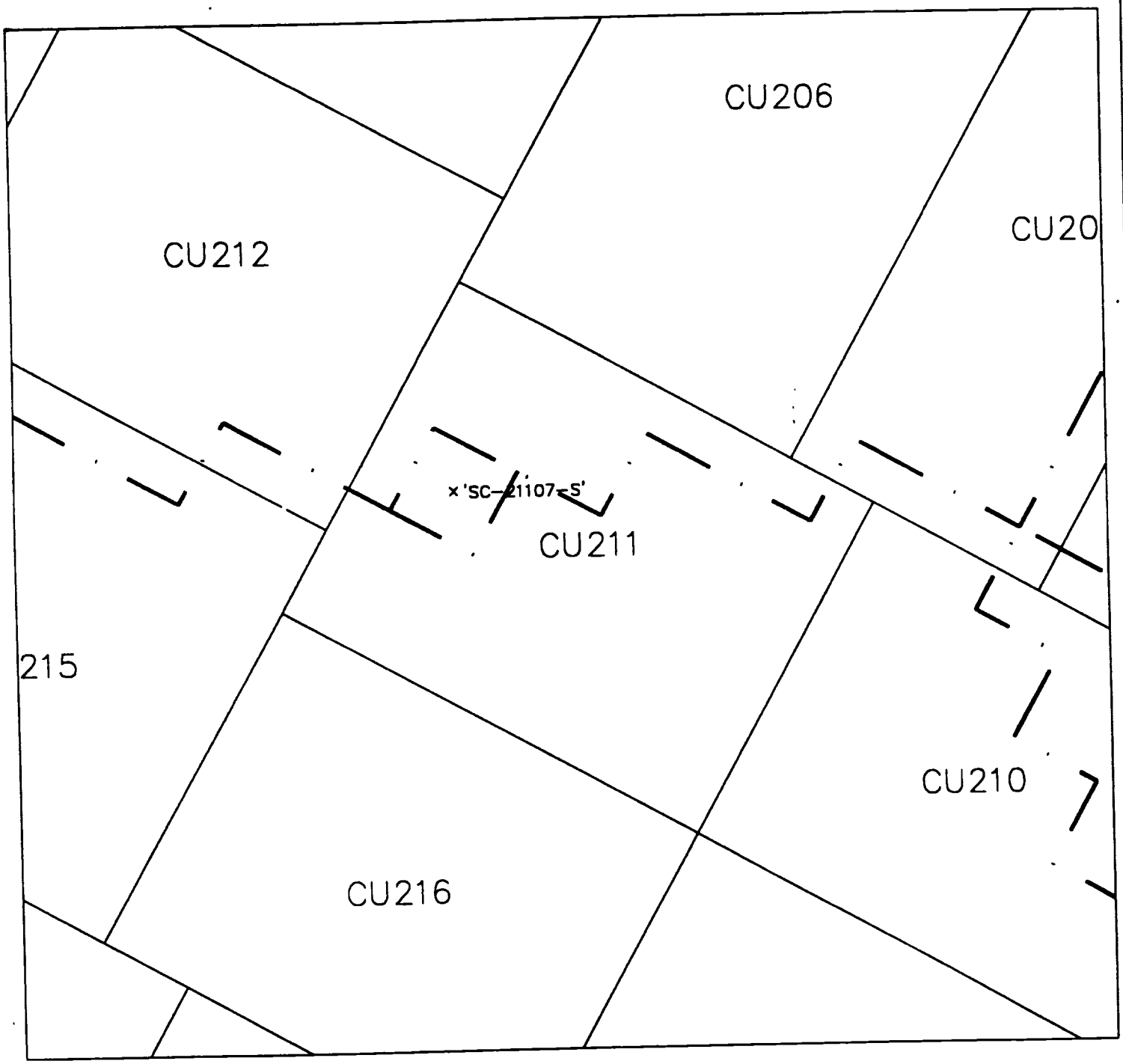
1 inch = 50 ft.

Radiation Survey Form WP 437, RU 23 CU 211

Date Plotted 3/29/00

DHO CAD

Meter Model #:	2221	Detector Model #:	2x2 NaI "M"
Meter Serial #:	117617	Detector Serial #:	130764
Calibration Due:	10/13/00	Calibration Due:	9/24/00
Survey Date / Time:	3/28/00	Field Bkg.:	6000 cpm
Surveyor(s):	C. Hanner		
Comments:	Area was surveyed and found to be less than 1.5 times background.		



LEGEND

· 'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

N

Radiation Survey Form WP 437, RU 22 **CU** 211

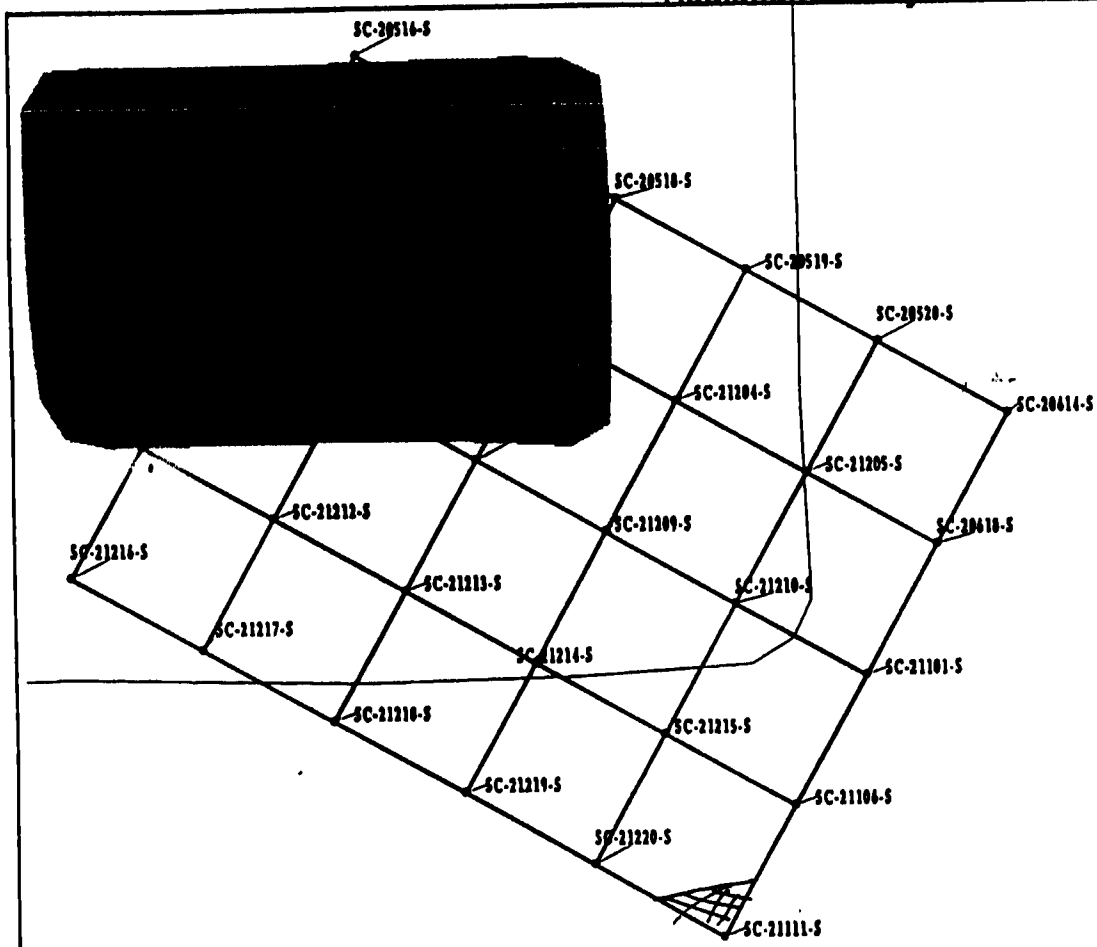
Date Plotted 4/11/00

DBD CAD

Meter Model #:	2221	**Detector Model #:**	2x2 NaI "M"
Meter Serial #:	117617	**Detector Serial #:**	130764
Calibration Date:	10/13/00	**Calibration Date:**	9/29/00
Survey Date / Time:	4/11/00	**Field Bkg.**	6000 cpm
Surveyor(s):	C. Hanner		

Comments: Area was surveyed and found to be less than 1.5 times background

Radiation Survey Form WP 437, BU022CU212



WSSRAP GIS

Meter Model#: 2221 | 2221 Detector Model#: 44-10 | 44-10

Meter Serial#: 127252 | 117607 Detector Serial#: 14517 | 122191

Calibration Due: 8-27-99 | 12-18-99 Calibration Due: 8-11-99 | 5-6-99

Survey Date/Time: 3-26-99 Field Bkg.: 4500 cpm

Surveyor(s): C. Hamm & T. Brown

Comments: Area was surveyed & found to be less than 1.5 times background

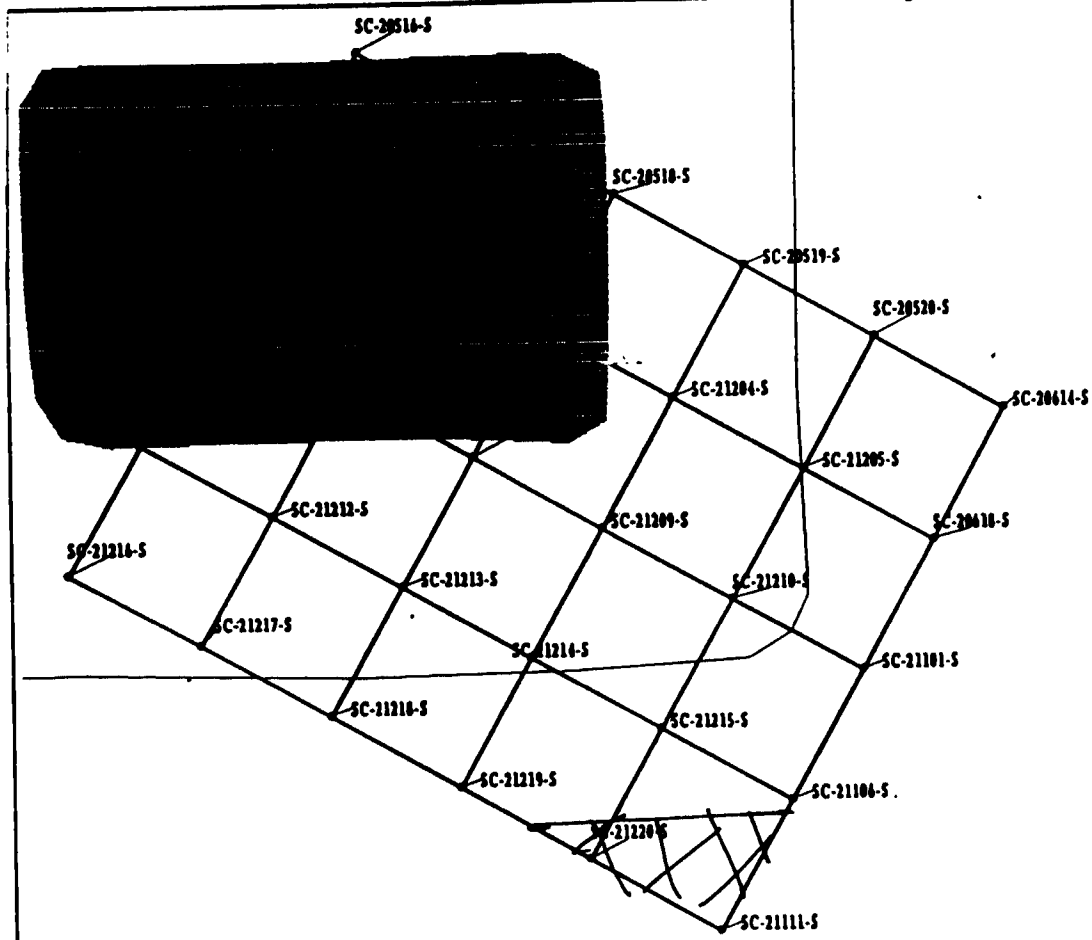
15 7.5 0 15 METERS

45 22.5 0 45 FEET

N

S

Radiation Survey Form WP 437, RU022CU212



WSSRAP GIS

15 7.5 0 15 METERS

45 22.5 0 45 FEET

N S

Meter Model#: 2221 Detector Model#: 2x2 F

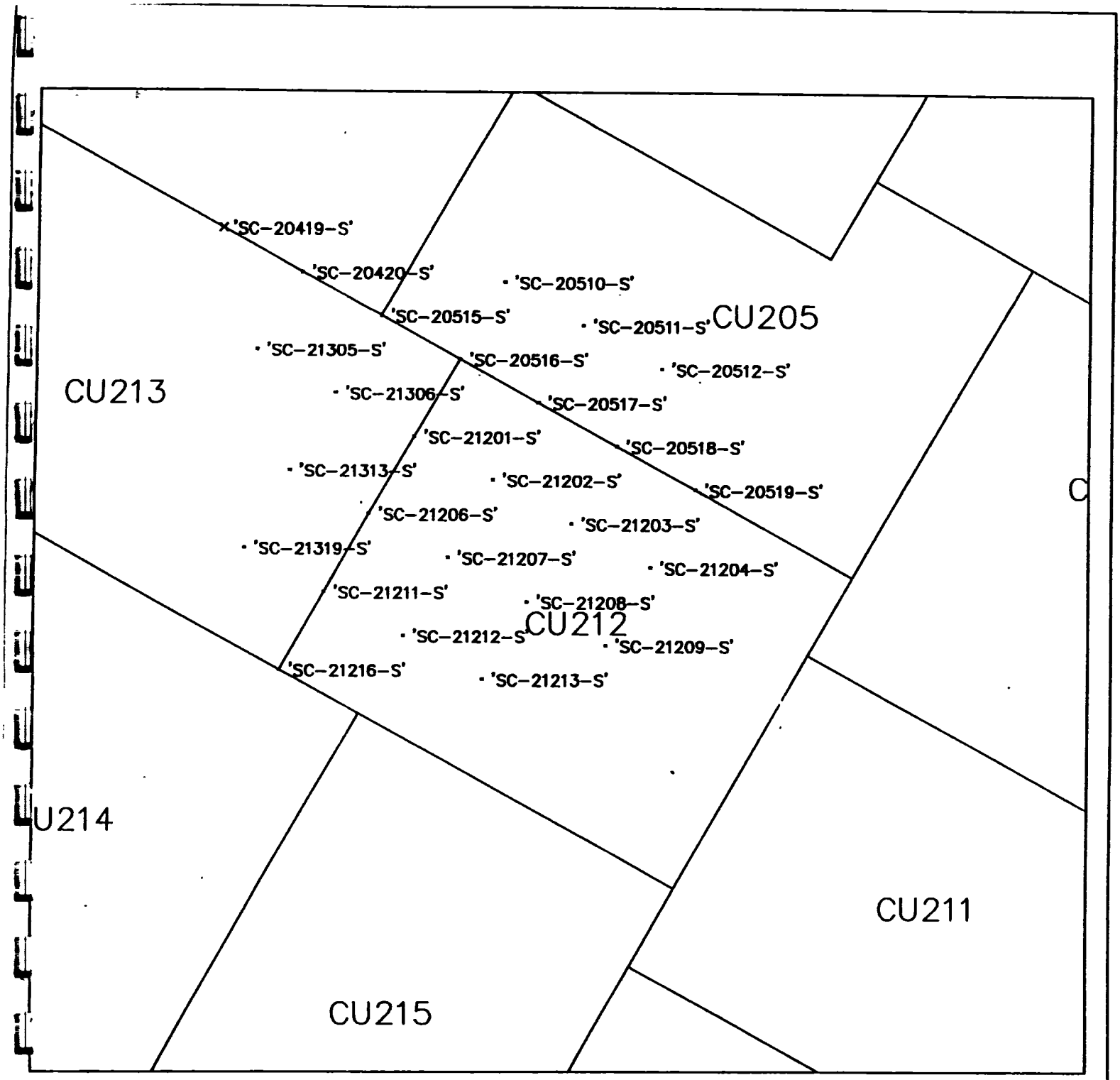
Meter Serial#: 127252 Detector Serial#: 122191

Calibration Due: 8-27-99 Calibration Due: 8-11-99

Survey Date/Time: 3/30/99 Field Bkg.: 5,000 CPM

Surveyor(s): T. Brewer

Comments: All reading <1.5 times background



Radiation Survey Form WP 437, RU 22 CU 212

3/17/00

DBO CAD

Meter Model #:	2221	Detector Model #:	2x2 NaI "F"
Meter Serial #:	99158	Detector Serial #:	122191
Calibration Due:	7/24/00	Calibration Due:	9/24/00
Survey Date / Time:	3/17/00	Field Bkg.:	5900
Surveyor(s):	C. Hanner		

Comments: Area was surveyed and found to be less than 1.5 times background

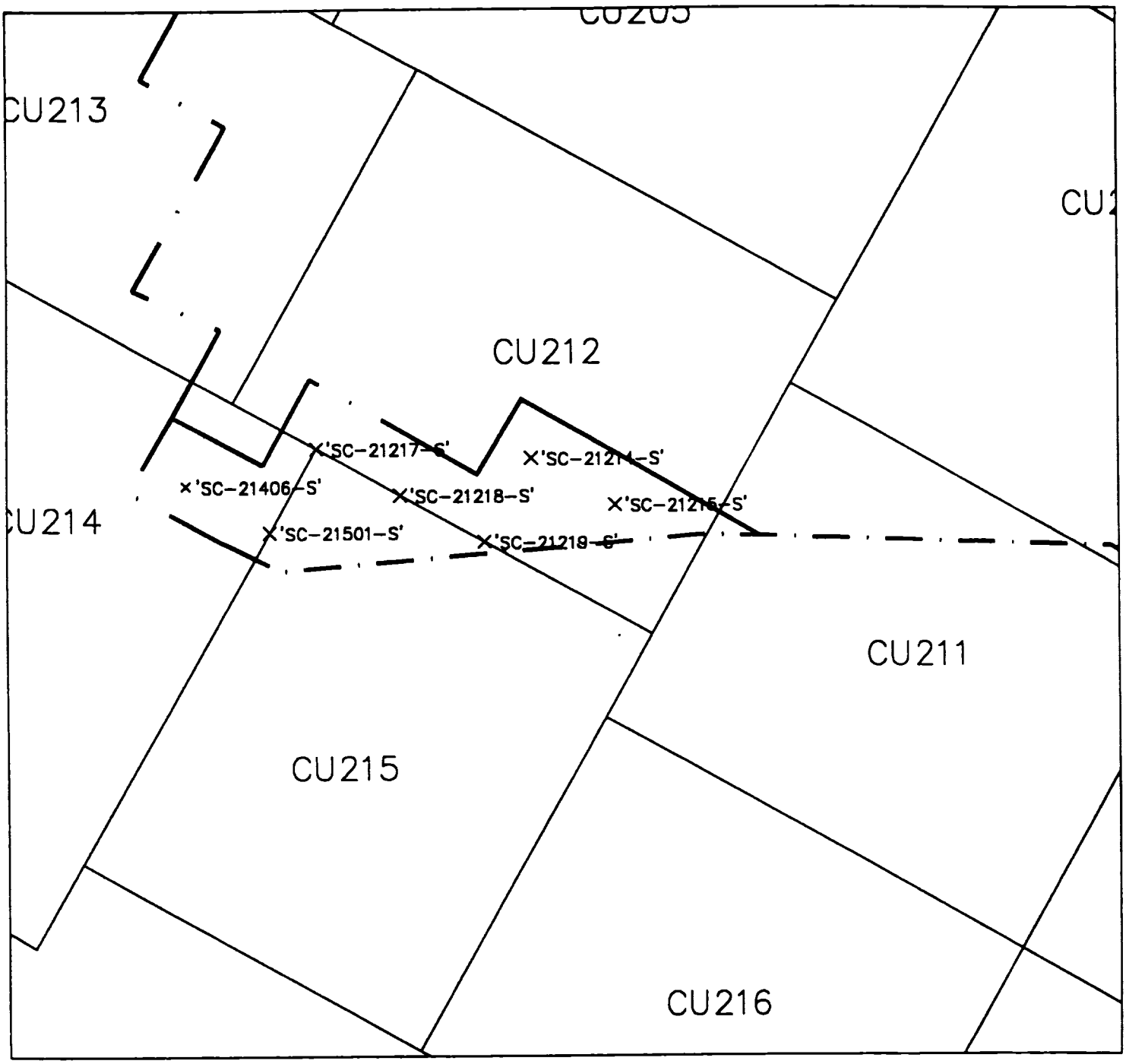
N

GRAPHIC SCALE

50 0 50 100

(IN FEET)

1 inch = 50 ft.



LEGEND

· 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

N

GRAPHIC SCALE

50 0 50 100

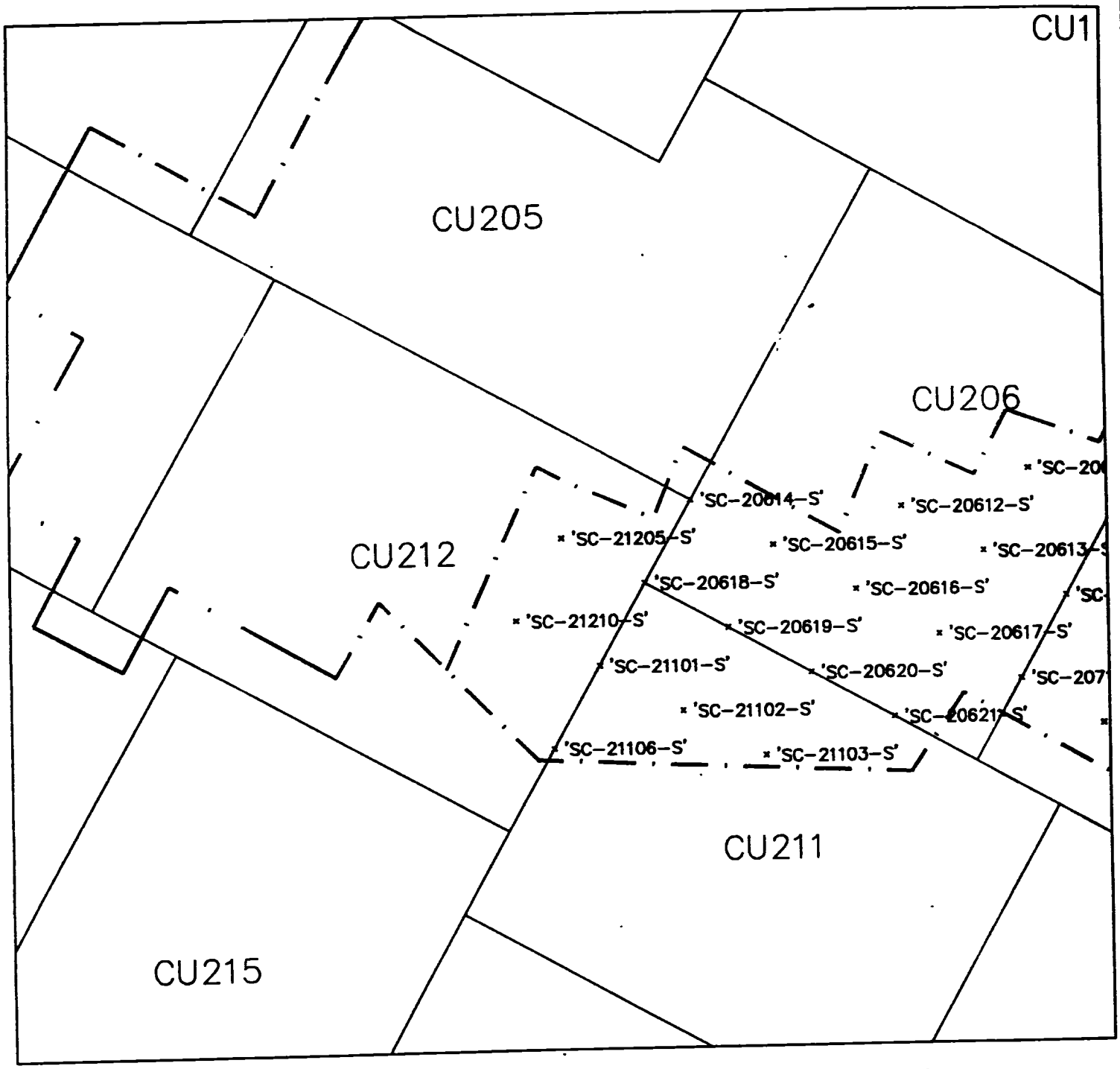
(IN FEET)

1 inch = 50 ft.

Radiation Survey Form WP 437, RU 22 **CU** 212

DHO CAD

Meter Model #:	2221	Detector Model #:	"2x2" NaI
Meter Serial #:	9915B	Detector Serial #:	122191
Calibration Due:	07-24-00	Calibration Due:	09-24-00
Survey Date / Time:	03-23-00	Field Bkg.:	5800 cpm
Surveyor(s):	C. Hamm		
Comments:	All areas <1.5 Bkground.		



LEGEND

'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

N

GRAPHIC SCALE

30 0 50 100

(IN FEET)

1 inch = 50 ft.

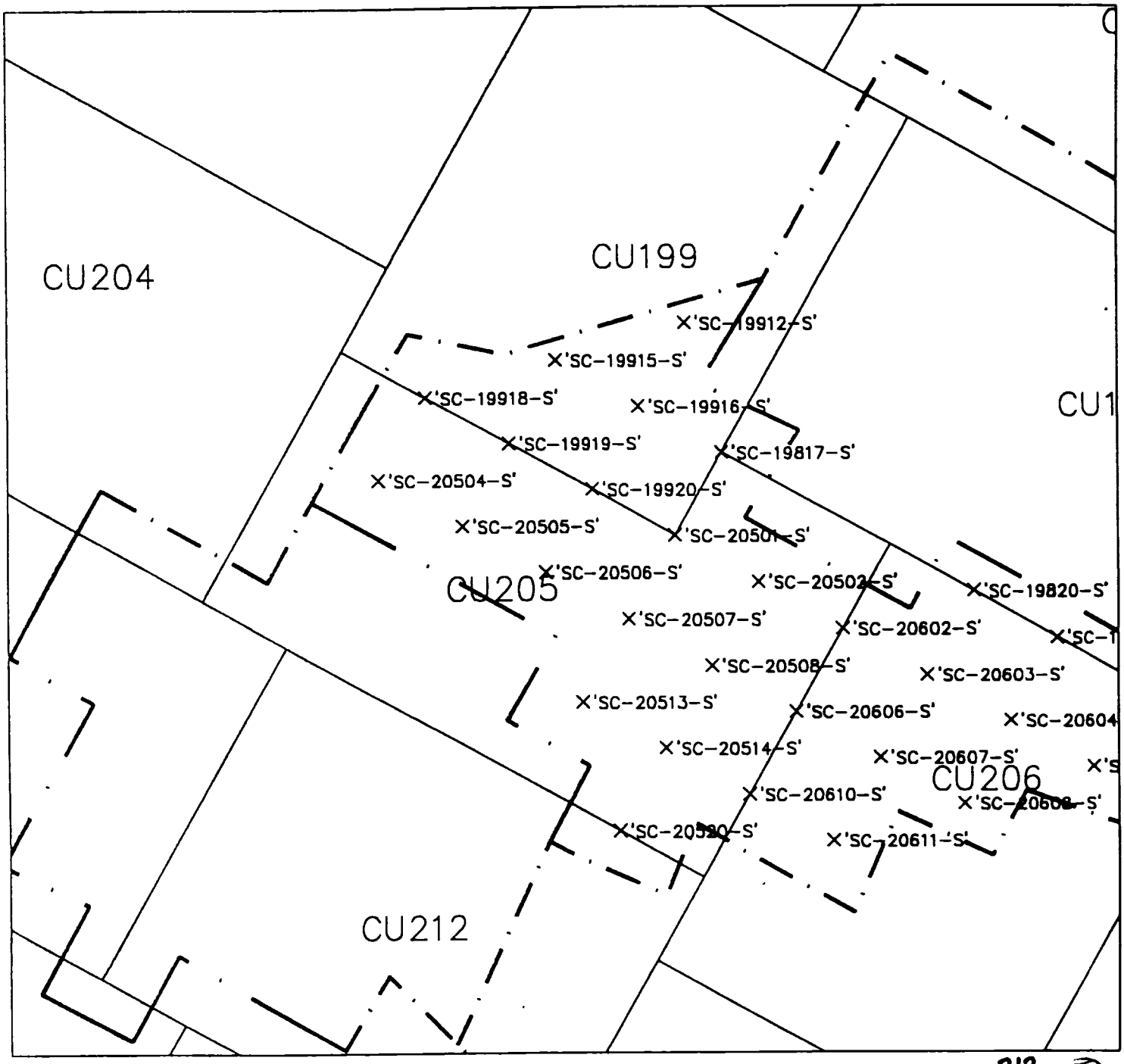
Radiation Survey Form WP 437, RU 23 CU 212

Date Plotted 3/29/00

DBD CAD

Meter Model #:	2221	Detector Model #:	2x2 NaI "n"
Meter Serial #:	117617	Detector Serial #:	130764
Calibration Due:	10/19/00	Calibration Due:	9/24/00
Survey Date / Time:	3/28/00	Field Bkg.:	6000 cpm
Surveyor(s):	C. Hanner		

Comments: Area was surveyed and found to be less than 1.5 times background



LEGEND

· 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

N

GRAPHIC SCALE

50 0 50 100

(IN FEET)
1 inch = 50 ft.

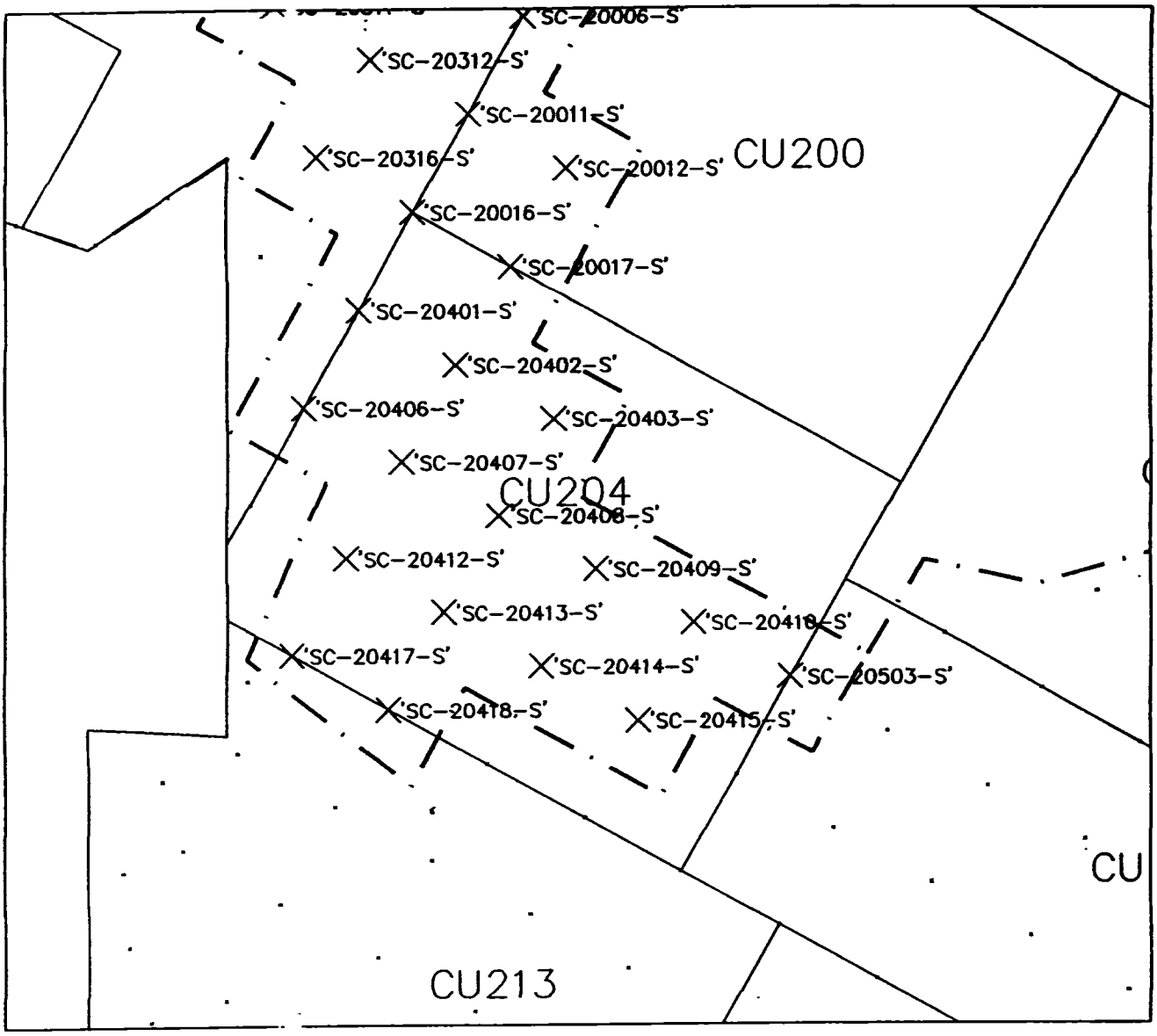
Radiation Survey Form WP 437, RU 22 CU ~~205~~ 212 (DF)

Date Plotted 3/31/00

DEO CAD

Meter Model #:	2221	Detector Model #:	2x2 NaI "M"
Meter Serial #:	117617	Detector Serial #:	130764
Calibration Due:	10/13/00	Calibration Due:	9/24/00
Survey Date / Time:	3/31/00	Field Bkg.:	6000 cpm
Surveyor(s):	C. Hanner		

Comments: Area was surveyed and found to be less than background



LEGEND

SAMPLE POINTS NOT PINNED

×'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU ~~204~~ 213

8/25/99

DBO CAD

Meter Model #:	2221	Detector Model #:	NaI "2x2"
Meter Serial #:	127247	Detector Serial #:	122191
Calibration Due:	09-25-99	Calibration Due:	01-24-00
Survey Date / Time:	08-02-99	Field Bkg.:	12,000 cpm
Surveyor(s):	J. Bankin		
Comments:	Area surveyed ≈ 1.5 acre		

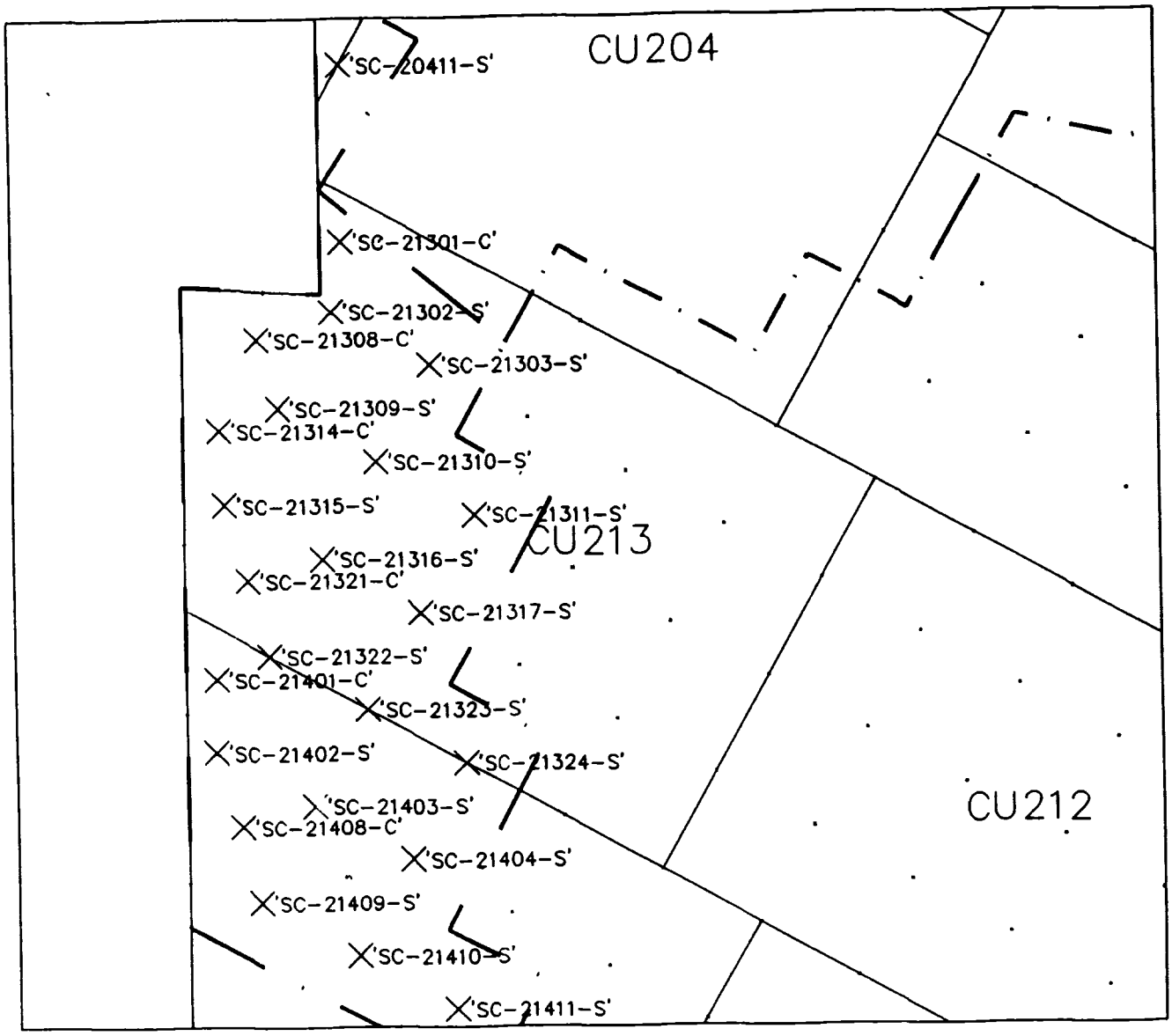
N

GRAPHIC SCALE

50 0 25 50

(IN FEET)

1 inch = 50 ft.



LEGEND

SAMPLE POINTS NOT PINNED

×'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU 213

8/27/99

DHO CAD

Meter Model #	2221	Detector Model #:	2x2 6"
Meter Serial # :	127247	Detector Serial #.	122-192
Calibration Due:	9/25/99	Calibration Due:	1/24/00
Survey Date / Time:	8/25/99	Field Bkg .	10,000 CPM
Surveyor(s).	J. Brower		
Comments.	All readings <1.5 BKg		

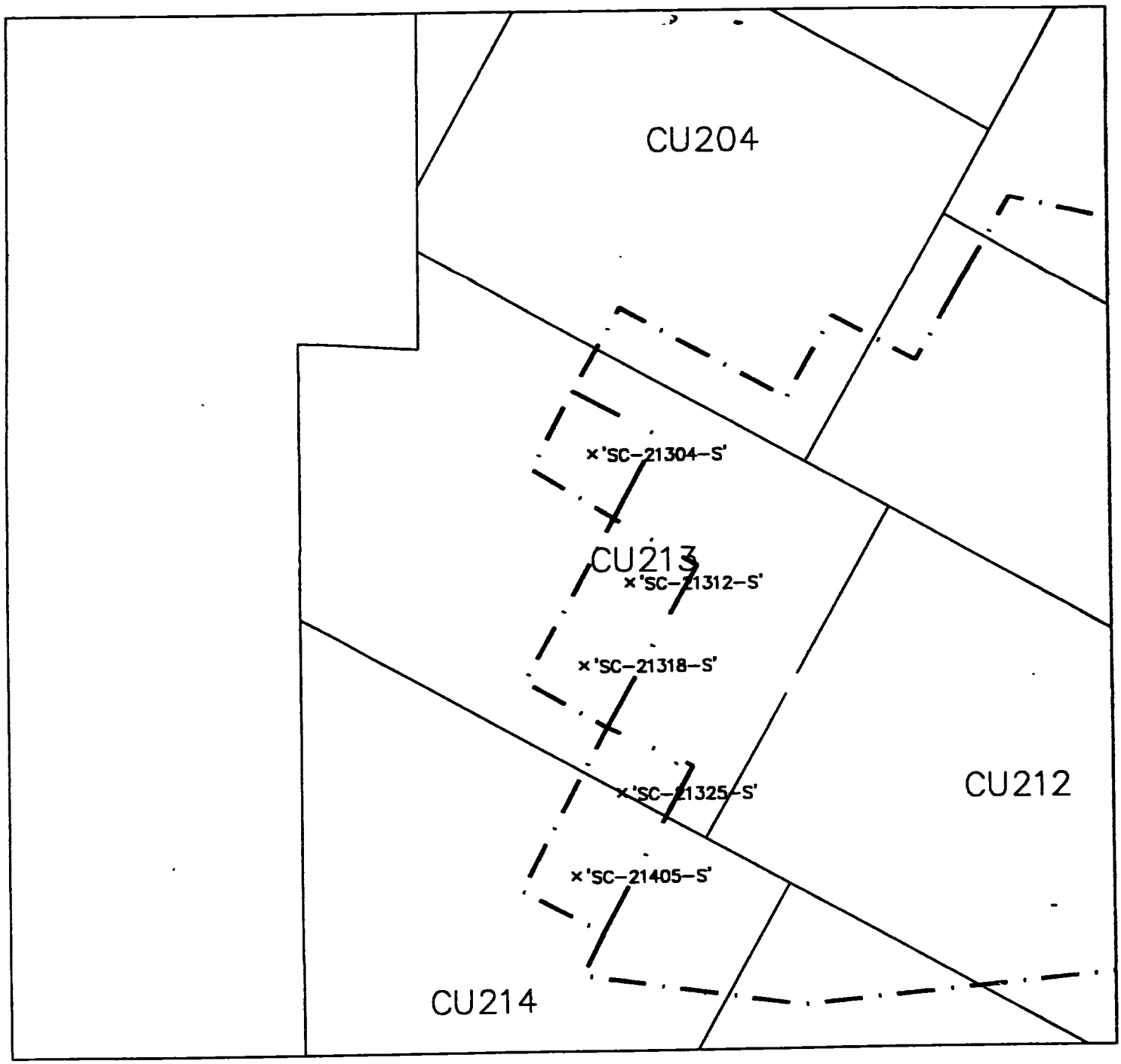
N

GRAPHIC SCALE

50 0 25 50

(IN FEET)

1 inch = 50 ft.



LEGEND

· 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

N

GRAPHIC SCALE

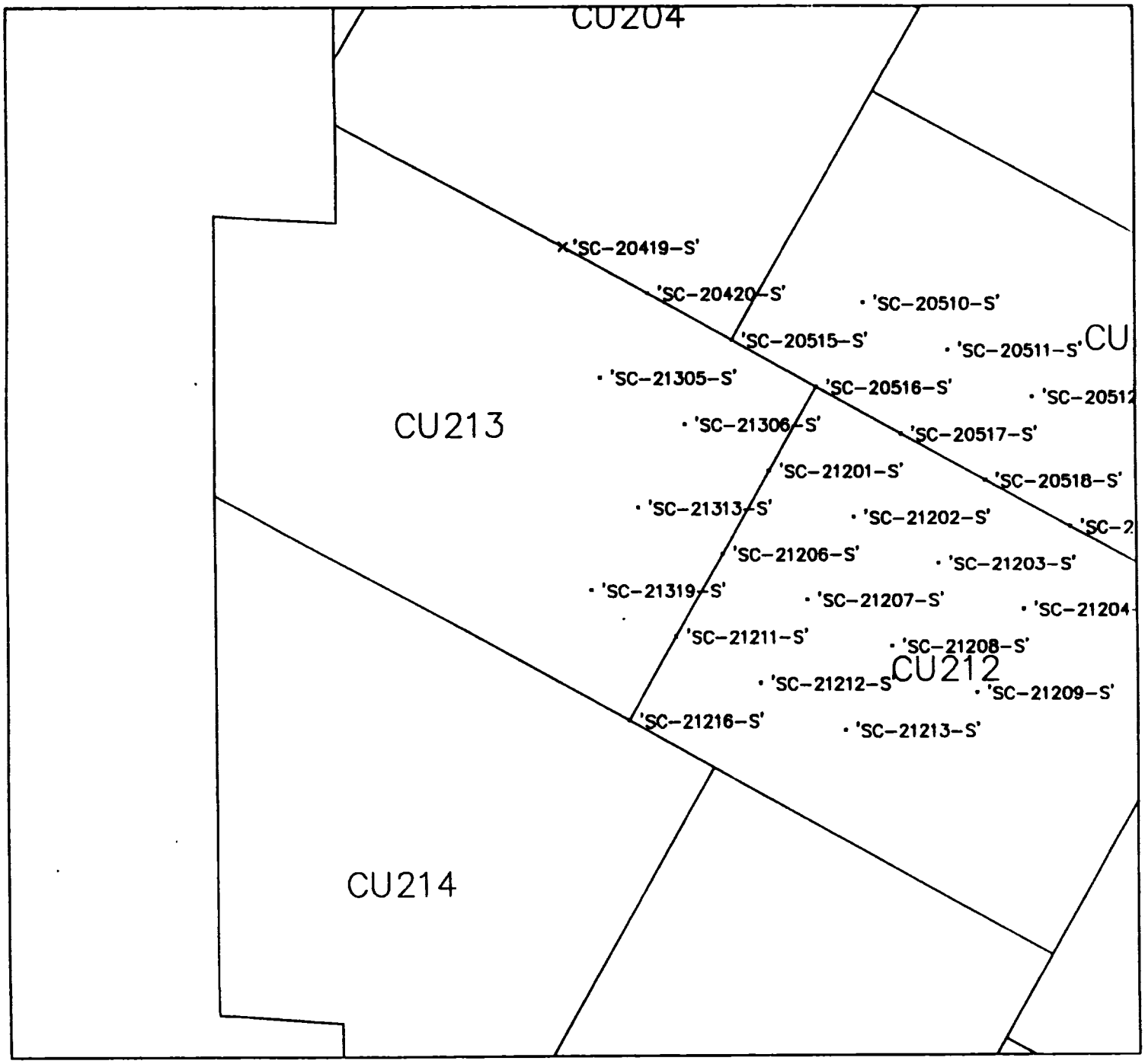
50 0 50 100

(IN FEET)
1 inch = 50 ft.

Radiation Survey Form WP 437, RU 22 CU 213

DBD CAD

Meter Model #:	2221	Detector Model #:	NaI "2x2"
Meter Serial #:	117617	Detector Serial #:	130764
Calibration Date:	10-13-00	Calibration Date:	09-24-00
Survey Date / Time:	03-01-00	Field Bkg.:	4500 cpm
Surveyor(s):	J. Rankin		
Comments:	All areas < 1.5 BKGround		



Radiation Survey Form WP 437, RU 22 CU 213

3/17/00

DHO CAD

Meter Model #:	2221	Detector Model #:	2x2 NaI "F"
Meter Serial #:	99158	Detector Serial #:	122191
Calibration Due:	7/29/00	Calibration Due:	9/24/00
Survey Date / Time:	3/17/00	Field Bkg.:	5900
Surveyor(s):	C. Hanner		
Comments:	Area was surveyed and found to be less than 1.5 times background		

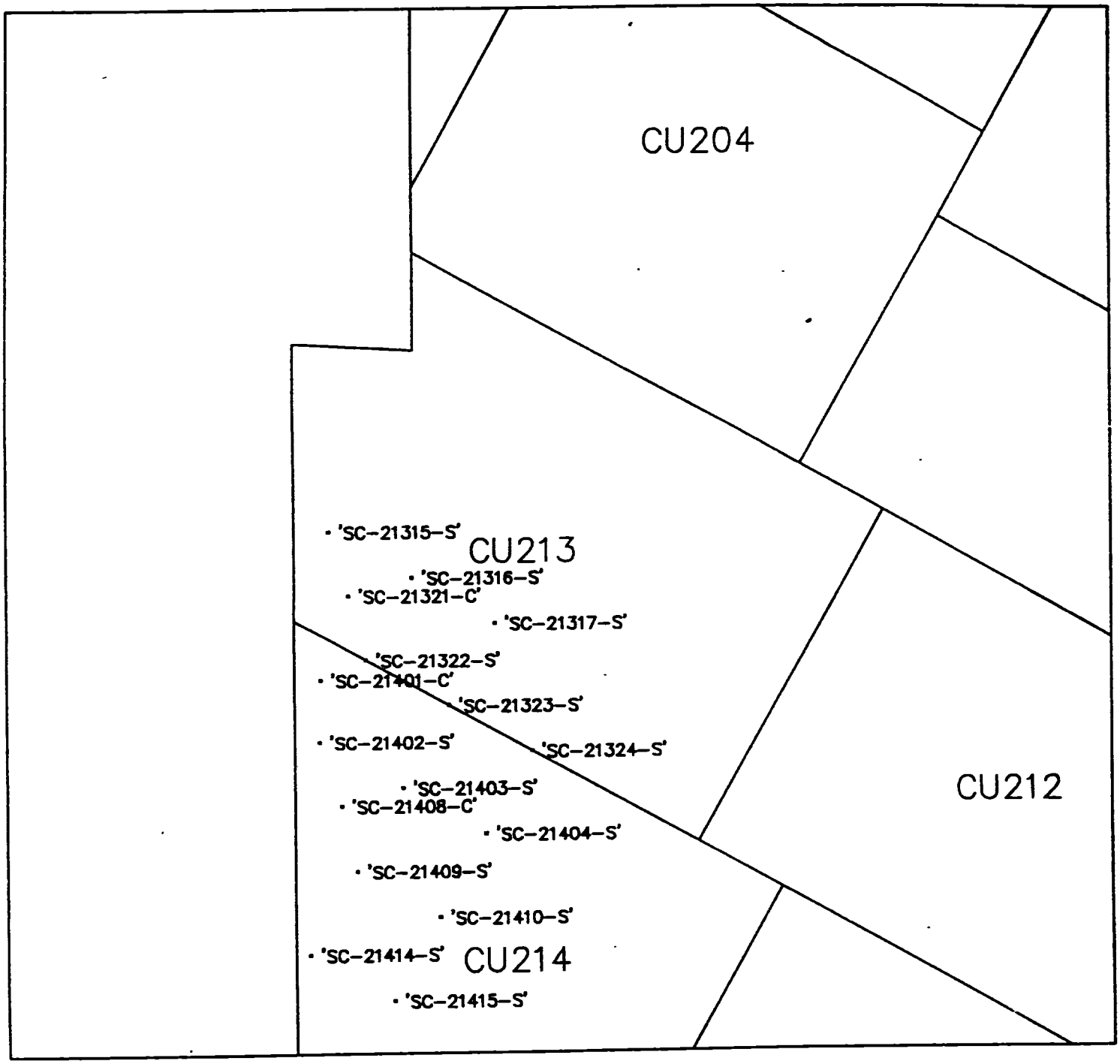
N

GRAPHIC SCALE

50 0 50 100

(IN FEET)

1 inch = 50 ft.



Radiation Survey Form WP 437, RU 22 CU 213

3/22/00

DBO CAD

Meter Model #:	2221	Detector Model #:	Nat "2-2"
Meter Serial #:	125434	Detector Serial #:	130763
Calibration Due:	11-12-00	Calibration Due:	09-28-00
Survey Date / Time:	03-22-00	Field Bkg.:	4,000cpm
Surveyor(s):	J. Rankin		
Comments:	All meas < 1.5 Bkground		

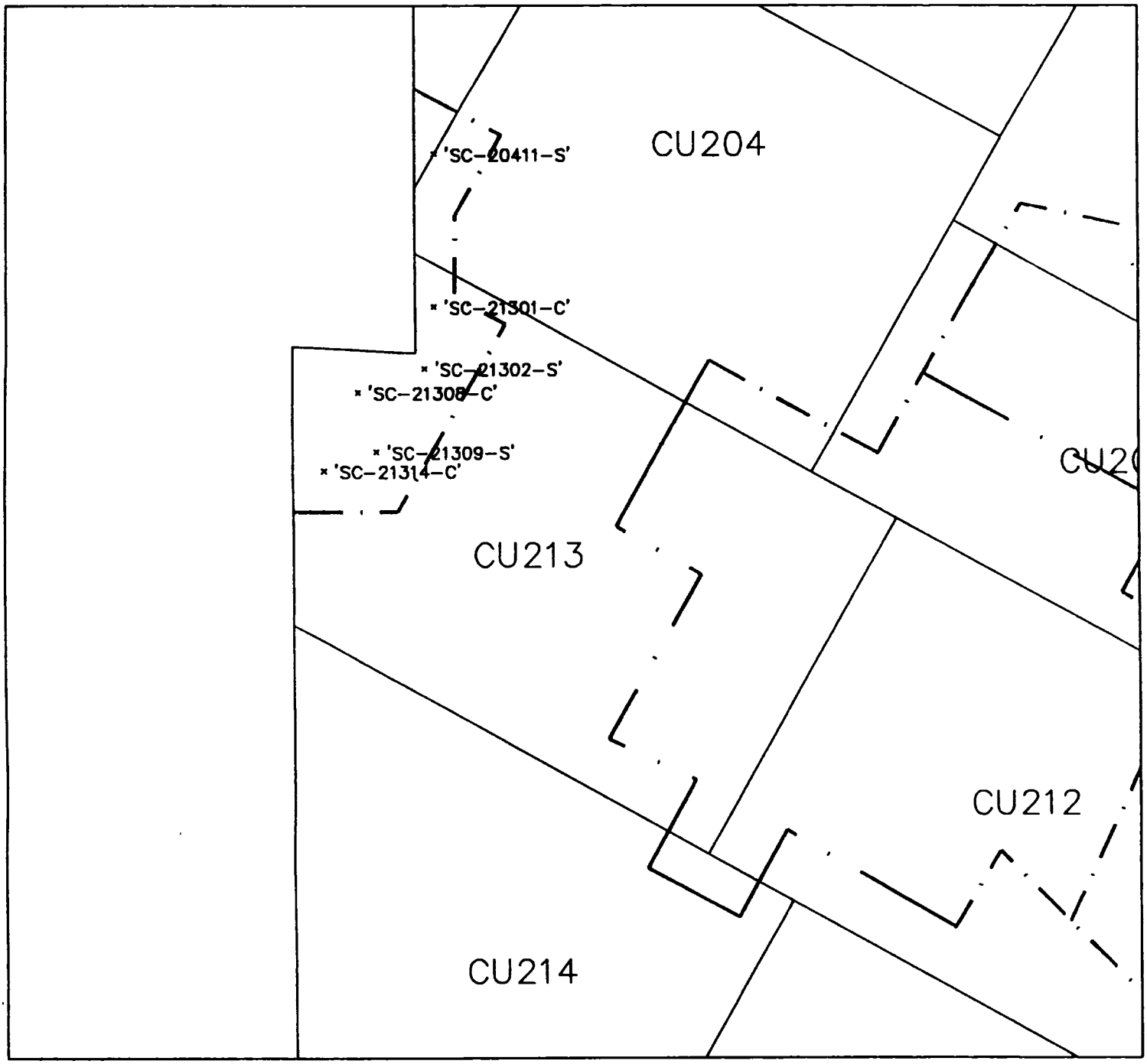
N

GRAPHIC SCALE

50 0 50 100

(IN FEET)

1 inch = 50 ft.



LEGEND

'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

N

GRAPHIC SCALE

50 0 50 100

(IN FEET)
1 inch = 50 ft.

Radiation Survey Form WP 437, RU 22 CU 213

Date Plotted 4-3-00

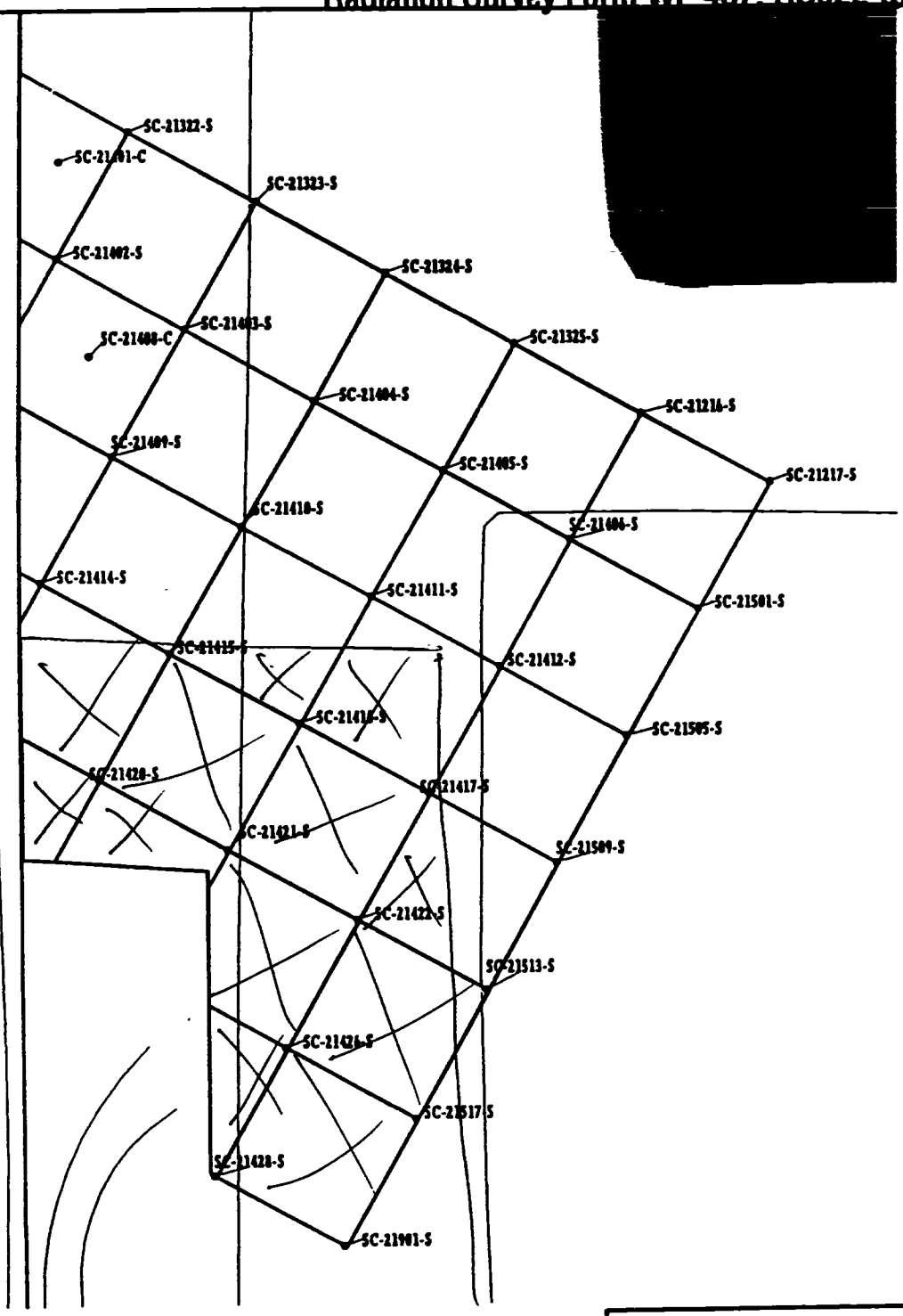
DHO CAD

Meter Model #:	2221	Detector Model #:	44-10 "L"
Meter Serial #:	125434	Detector Serial #:	130763
Calibration Due:	11-12-00	Calibration Due:	9-24-00
Survey Date / Time:	4-3-00 1600	Field Bkg.:	6400 cpm
Surveyor(s):	Eric Hurtt		

Comments: The area walkover was found to be < 1.5 x background

Radiation Survey Form WP 437, BU022 CU214

[redacted]



WSSRAP GIS

15 7.5 0 METERS

45 22.5 0 FEET

N W E S

Meter Model#: 2221

Meter Serial#: 117607

Calibration Due: 12/18/99

Survey Date/Time: 2/23/99

Surveyor(s): M. MEDINA

Detector Model#: NaI 2x2

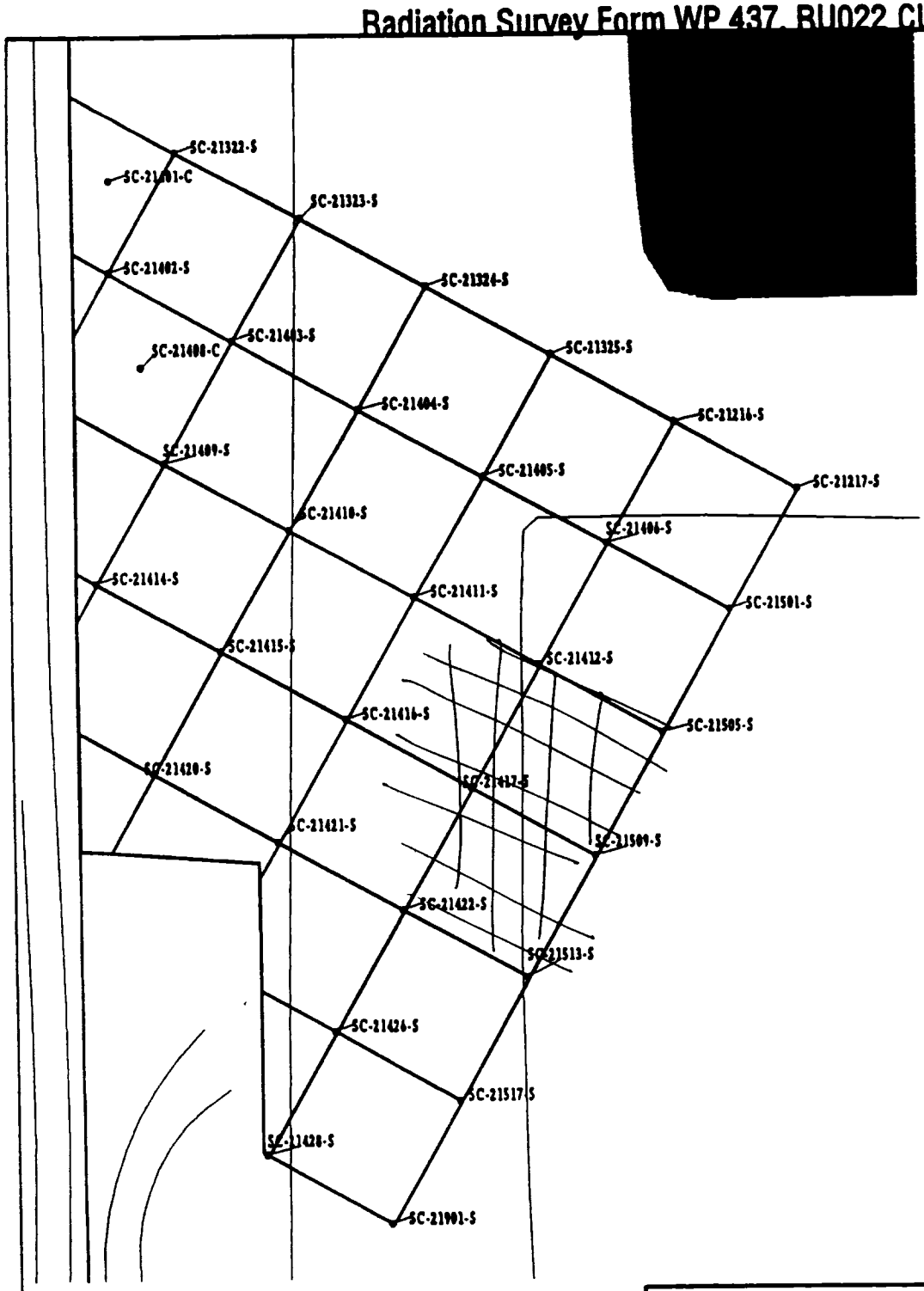
Detector Serial#: 14517

Calibration Due: 5/6/99

Field Bkg.: 4,000 CPTM Δ

Comments: ≈Area bkg. was 4,000 CPTM Δ. Area surveyed <1.5 x BKG.

Radiation Survey Form WP 437, BU022 CU214



[redacted]

Area Surveyed

WSSRAP GIS

15 7.5 0 METERS

45 22.5 0 FEET

Meter Model#: 2221 | 2221

Meter Serial#: 127252 | 117601

Calibration Due: 8-27-99 | 12-18-99

Survey Date/Time: 3-26-99

Surveyor(s): C. Hanner & T. Brower

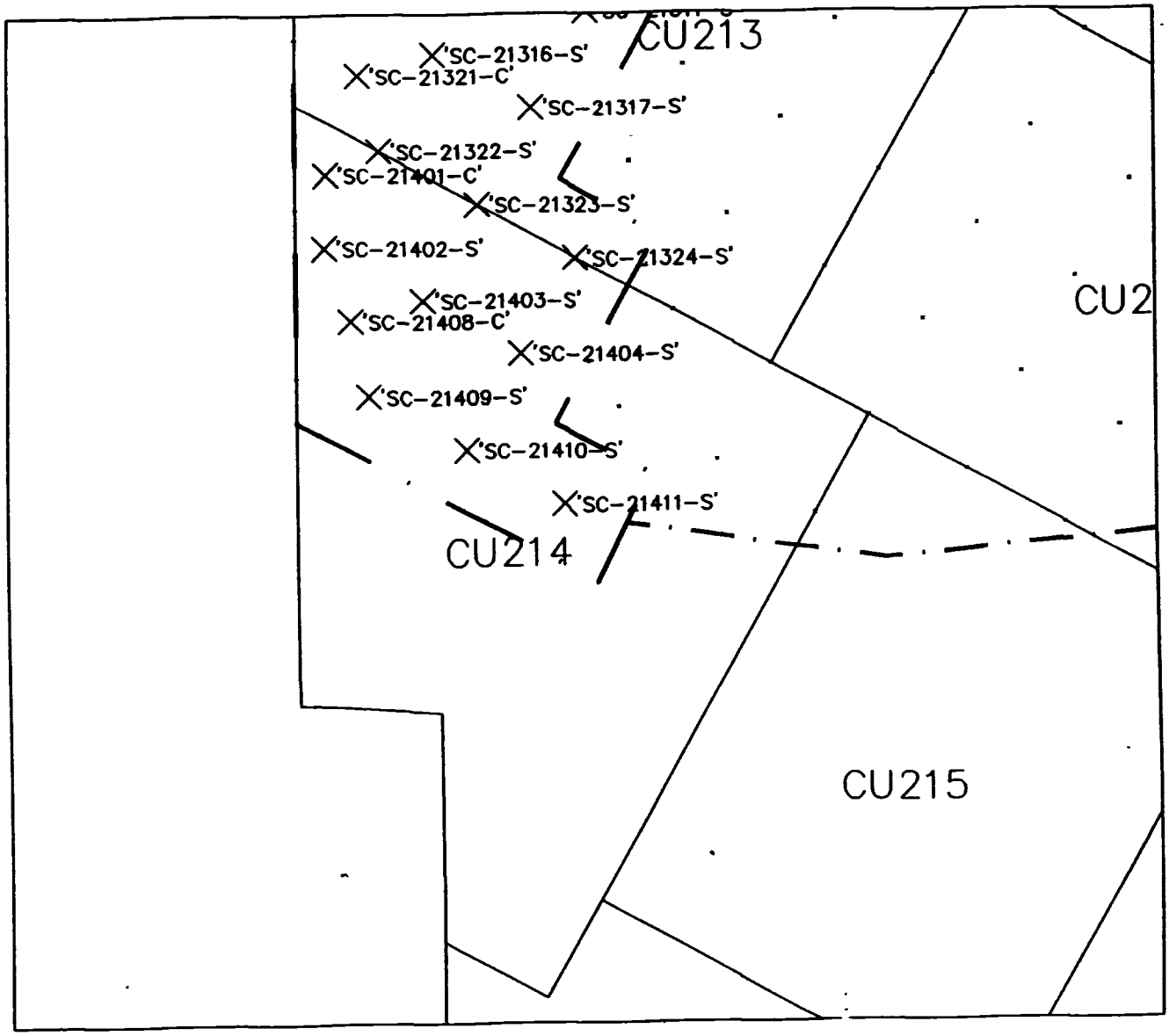
Detector Model#: 44-10 | 44-10

Detector Serial#: 122191 | 14517

Calibration Due: 8-11-99 | 5-6-99

Field Bkg.: 4500 cpm

Comments: Area was surveyed and found to be less than 1.5 times background



LEGEND

SAMPLE POINTS NOT PINNED

×'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

Radiation Survey Form WP 437, RU 22 CU 214

8/27/99

DHO CAD

Meter Model #:	2221	Detector Model #:	2x2 "6"
Meter Serial #:	127247	Detector Serial #:	122192
Calibration Due:	9/25/99	Calibration Due:	~~12/~~ 1/24/00
Survey Date / Time:	8/25/99	Field Bkg.:	10,000 cpm
Surveyor(s):	T. Brouwer		
Comments:	All readings <1.5 BKg		

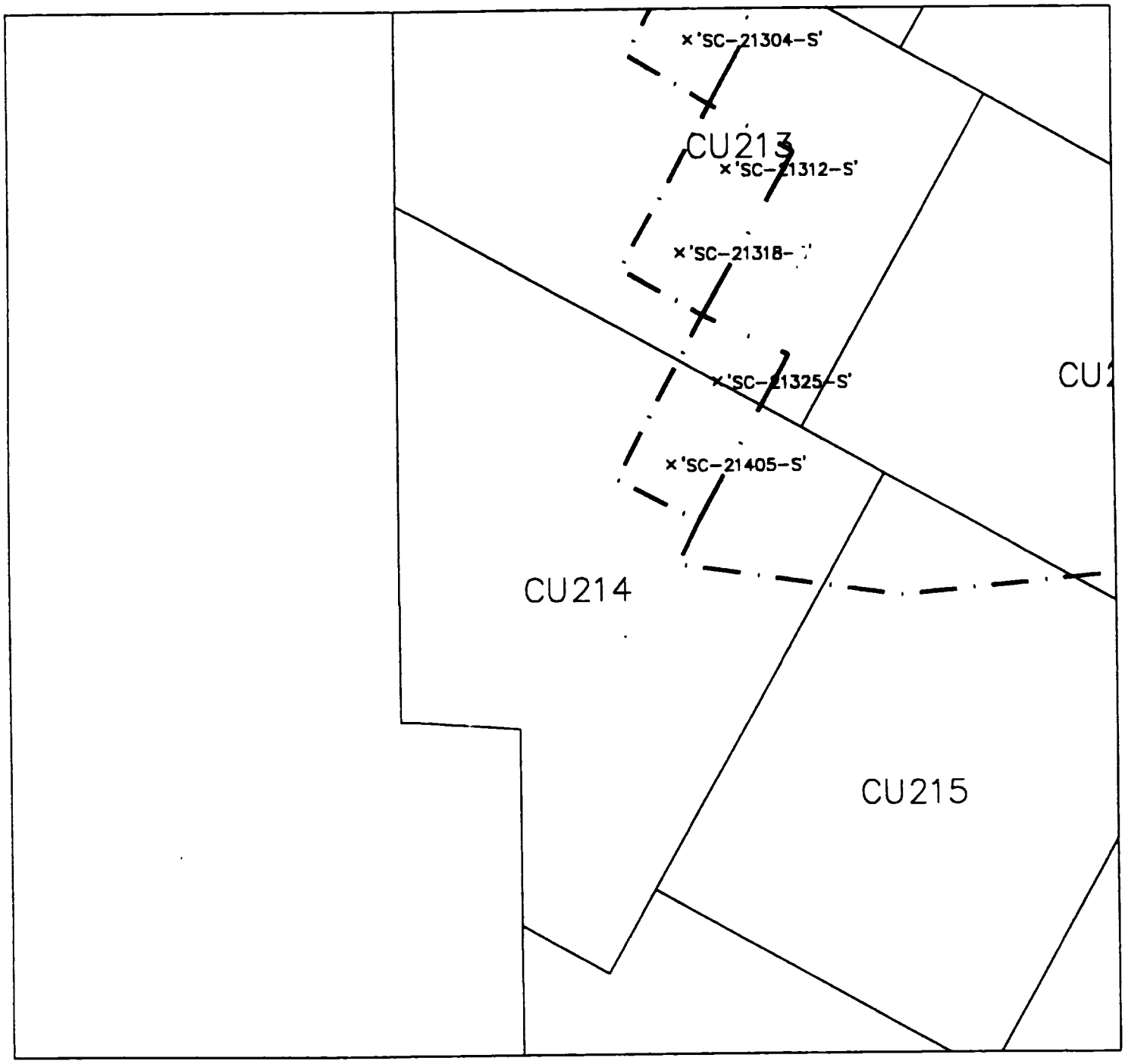
N

GRAPHIC SCALE

50 0 25 50

(IN FEET)

1 inch = 50 ft.



LEGEND

· 'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

N

GRAPHIC SCALE

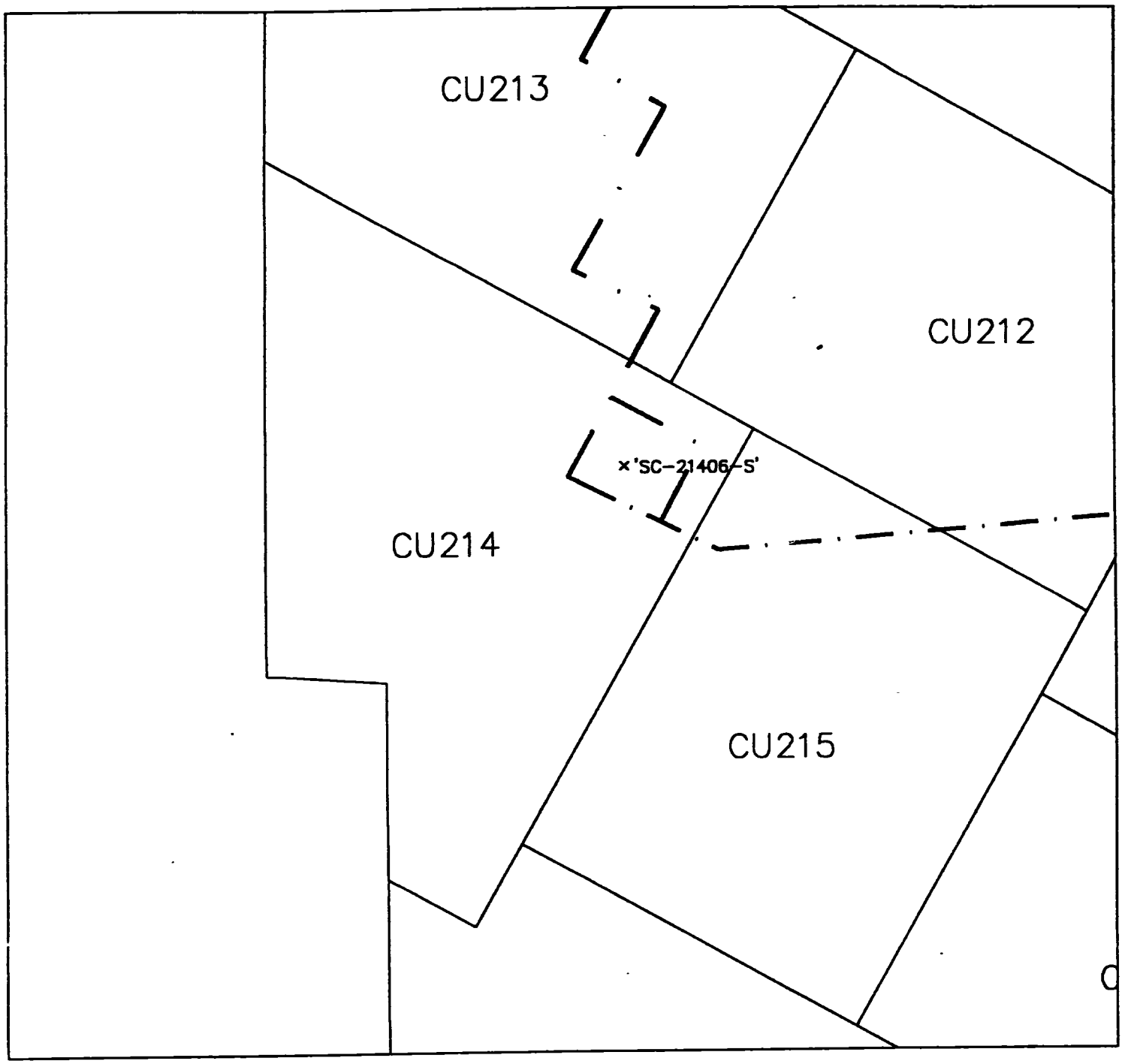
50 0 50 100

(IN FEET)
1 inch = 50 ft.

Radiation Survey Form WP 437, RU 22 CU 214

DEO CAD

Meter Model #:	2221	Detector Model #:	NaI "Z-2"
Meter Serial #:	117617	Detector Serial #:	130764
Calibration Due:	10-13-00	Calibration Date:	09-24-00
Survey Date / Time:	03-01-00	Field Bkg.:	4500 cpm
Surveyor(s):	J. Rankins		
Comments:	All meas < 1.5 BKGround.		



LEGEND

· 'SC-32606-S' SAMPLE POINTS PINNED

PINNING LIMITS

N

GRAPHIC SCALE

50 0 50 100

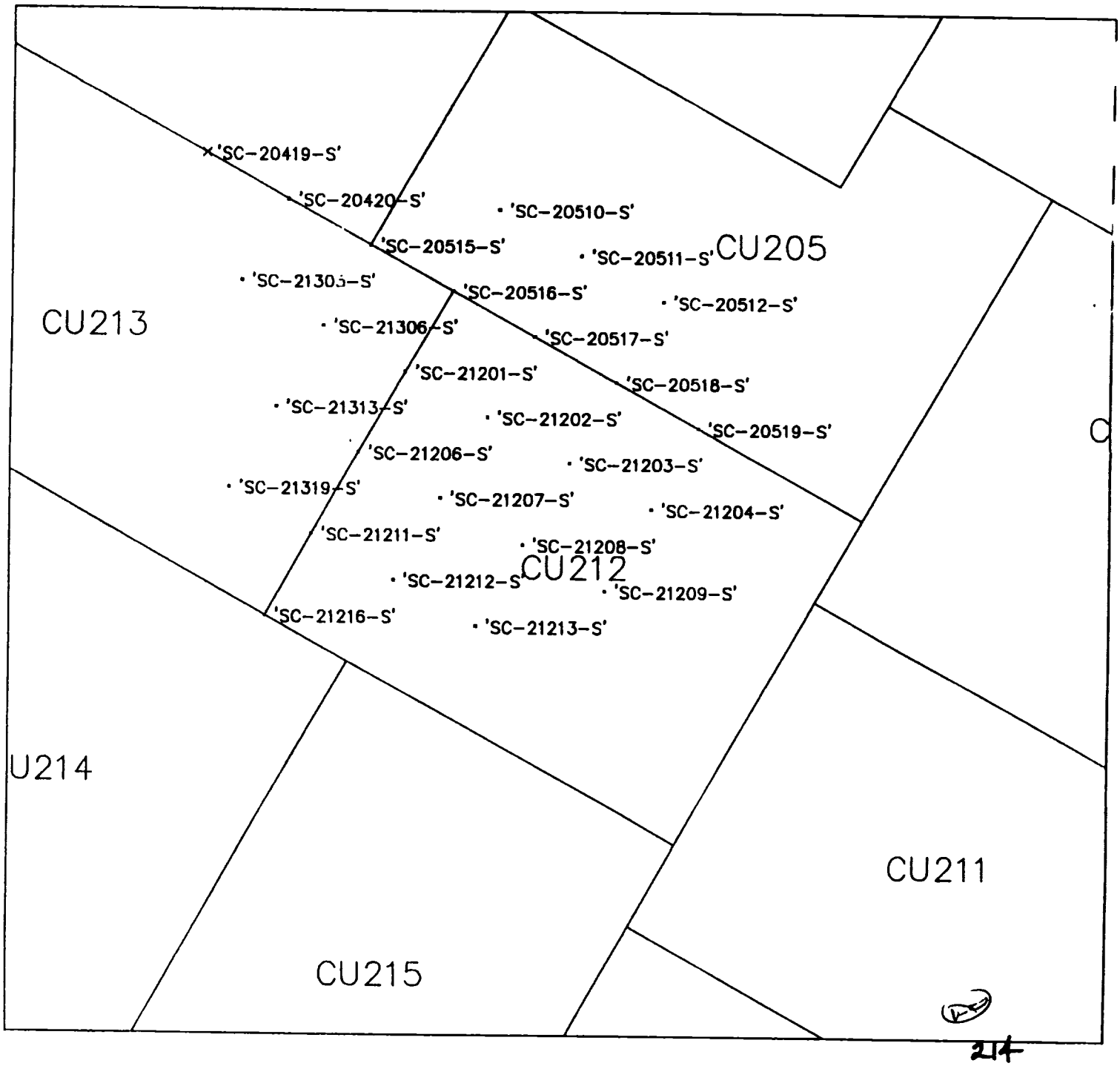
(IN FEET)
1 inch = 50 ft.

· Radiation Survey Form WP 437, RU 22 CU 214

DEO CAD

Meter Model #:	2221	Detector Model #:	44-10 "L"
Meter Serial #:	125434	Detector Serial #:	130763
Calibration Date:	11-12-00	Calibration Date:	9-24-00
Survey Date / Time:	1400 / 3-9-00	Field Bkg.:	4700 cpm
Surveyor(s):	Eric Hurtt		

Comments: All AREA(S) SURVEYED WAS found to be <1.5 x bkg.



Radiation Survey Form WP 437, RU 22 CU 214

3/17/00

DBO CAD

Meter Model #:	2221	Detector Model #:	2+2 NaI "F"
Meter Serial #:	99158	Detector Serial #:	122191
Calibration Due:	7/24/00	Calibration Due:	9/24/00
Survey Date / Time:	3/17/00	Field Bkg.:	5900
Surveyor(s):	C. Hanner		

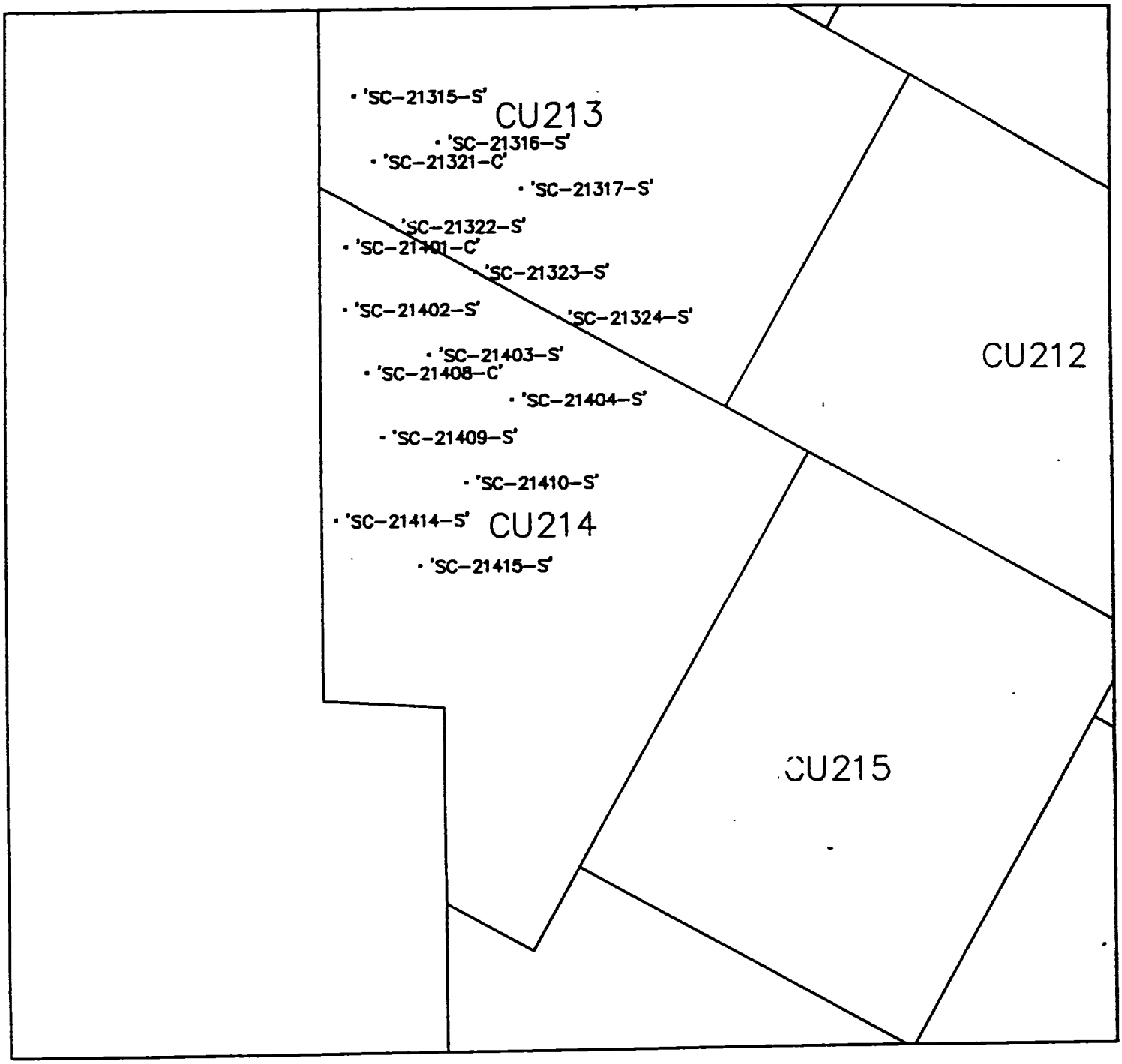
Comments: Area was surveyed and found to be less than 1.5 times background

N

GRAPHIC SCALE

50 0 50 100

(IN FEET)
1 inch = 50 ft.



Radiation Survey Form WP 437, RU 22 CU 214

3/22/00

DHO CAD

Meter Model #:	2221	Detector Model #:	NaI "2x2"
Meter Serial #:	125434	Detector Serial #:	130763
Calibration Due:	11-12-00	Calibration Due:	09-24-00
Survey Date / Time:	03-22-00	Field Bkg.:	4,000 cpm
Surveyor(s):	J Rankin		
Comments:	All areas <1.5 BK ground		

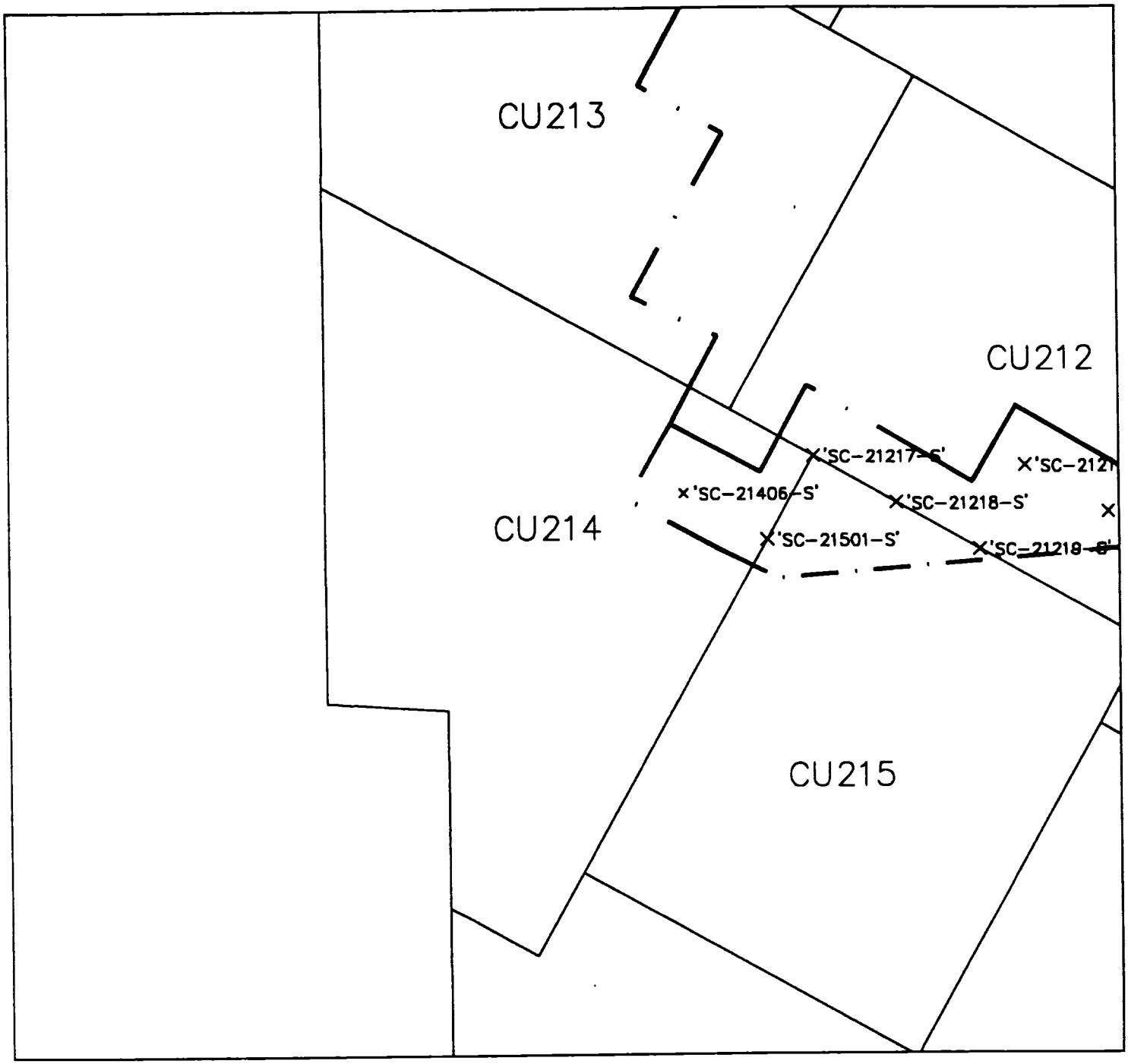
N

GRAPHIC SCALE

50 0 50 100

(IN FEET)

1 inch = 50 ft.



LEGEND

Radiation Survey Form W 437, RU 22 CU 214

DHO CAD

· 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

N

GRAPHIC SCALE

50 0 50 100

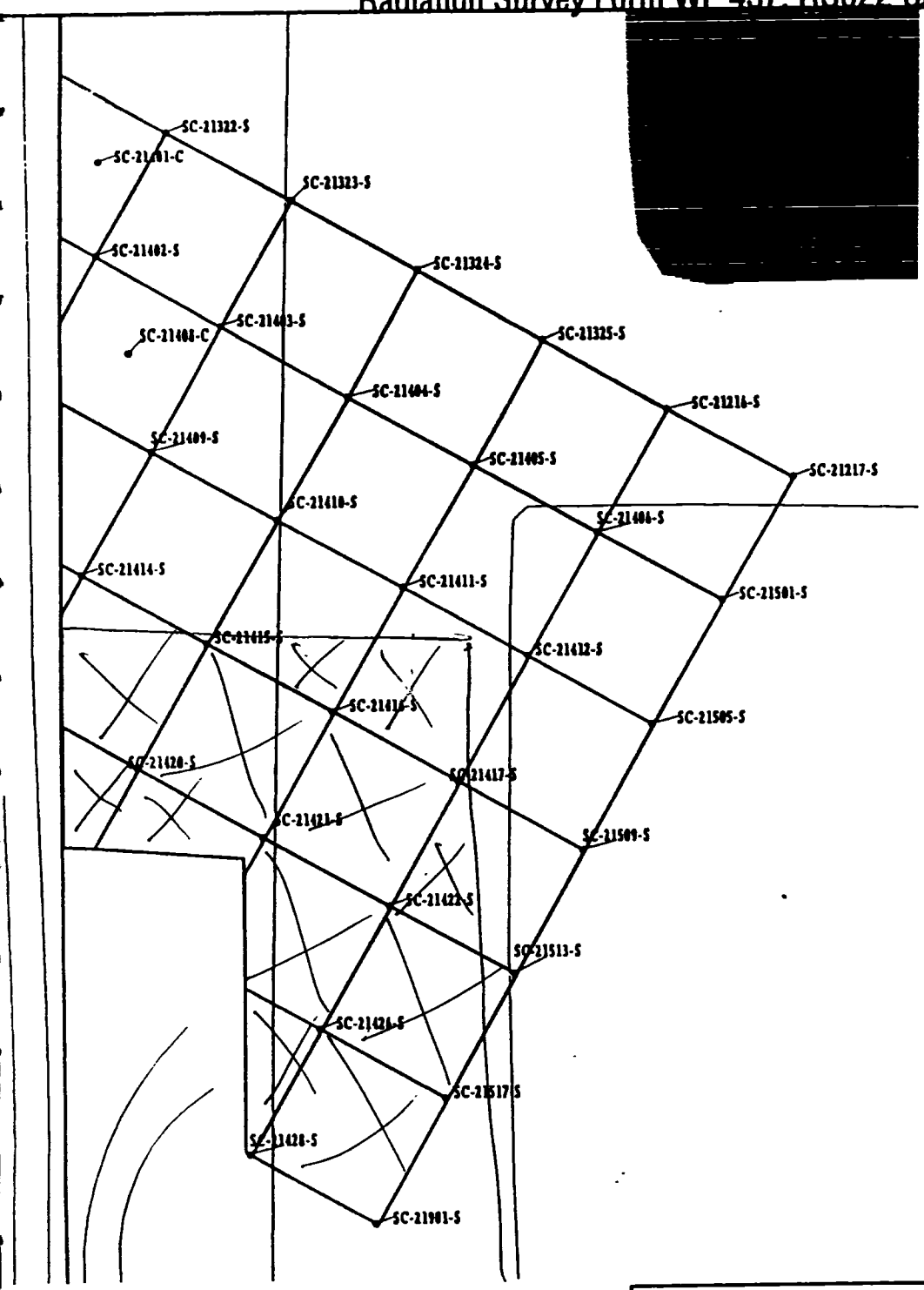
(IN FEET)

1 inch = 50 ft.

Meter Model #:	2221	Detector Model #:	2x2 NaI
Meter Serial #:	99158	Detector Serial #:	122191
Calibration Due:	07-24-00	Calibration Due:	09-24-00
Survey Date / Time:	03-23-00	Field Bkg.:	5800 cpm
Surveyor(s):	Ruttamer		
Comments:	All areas < 1.5 Bkground		

Radiation Survey Form WP 437, BU022 CU214

215



WSSRAP 638

15 7.5 0 METERS

45 22.5 0 FEET

N W E S

Meter Model#: 2221

Meter Serial#: 117607

Calibration Due: 12/18/99

Survey Date/Time: 2/23/99

Detector Model#: NaI 2x2

Detector Serial#: 14517

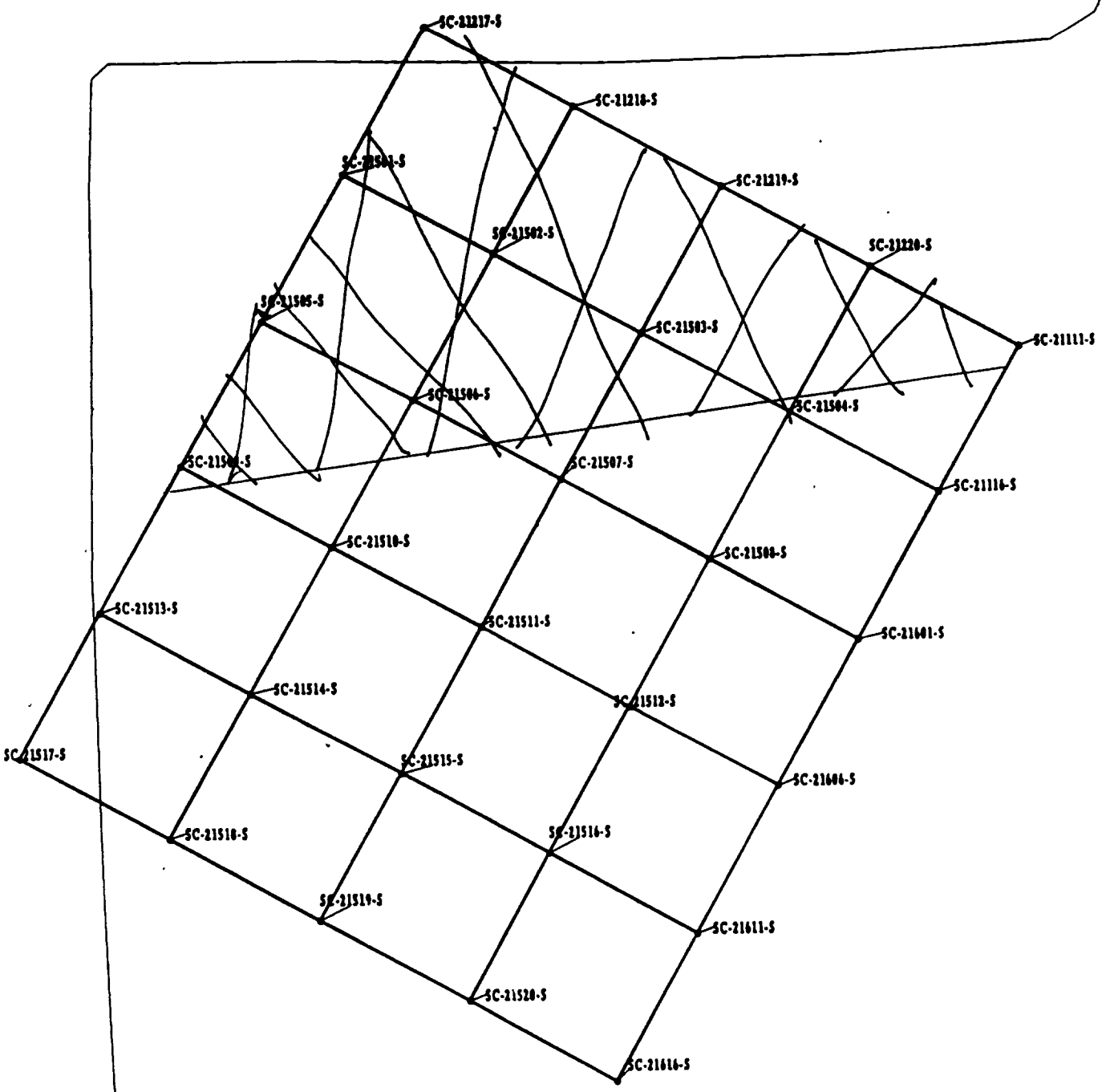
Calibration Due: 5/6/99

Field Bkg.: 4,000 CPTM Δ

Surveyor(s): M. MEDINA

Comments: ≈ Area bkg. was 4,000 CPTM Δ. Area surveyed <1.5 x BKG.

Radiation Survey Form WP 437, BU022 CU215



WSSRAP GIS

15 7.5 0 METERS

45 22.5 0 FEET

N W E S

Meter Model#: 2221

Meter Serial#: 127252

Calibration Due: 8-27-99

Survey Date/Time: 3/30/99

Surveyor(s): T. Brown

Detector Model#: 2x2 "F"

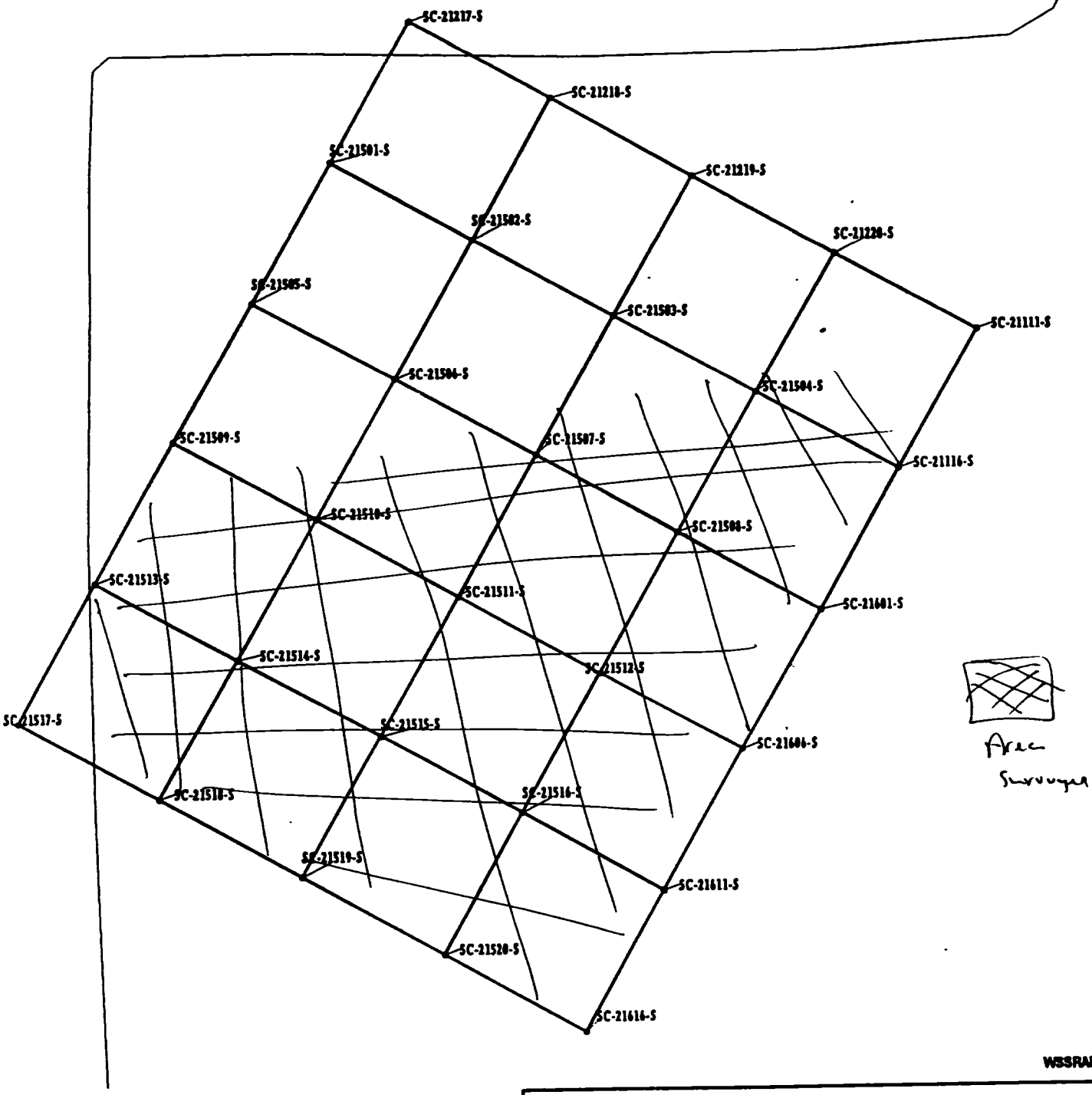
Detector Serial#: 122191

Calibration Due: 8-11-99

Field Bkg.: 5,000 CPM

Comments: All readings <1.5 times background

Radiation Survey Form WP 437, BU022 CU215



WSSRAP GIS

15 7.5 0 METERS

45 22.5 0 FEET

N W E S

Meter Model#: 2221 | 2221

Meter Serial#: 127252 | 117601

Calibration Due: 8-27-99 | 12-18-99

Survey Date/Time: 3-26-99

Surveyor(s): C. Hanner & T. Brower

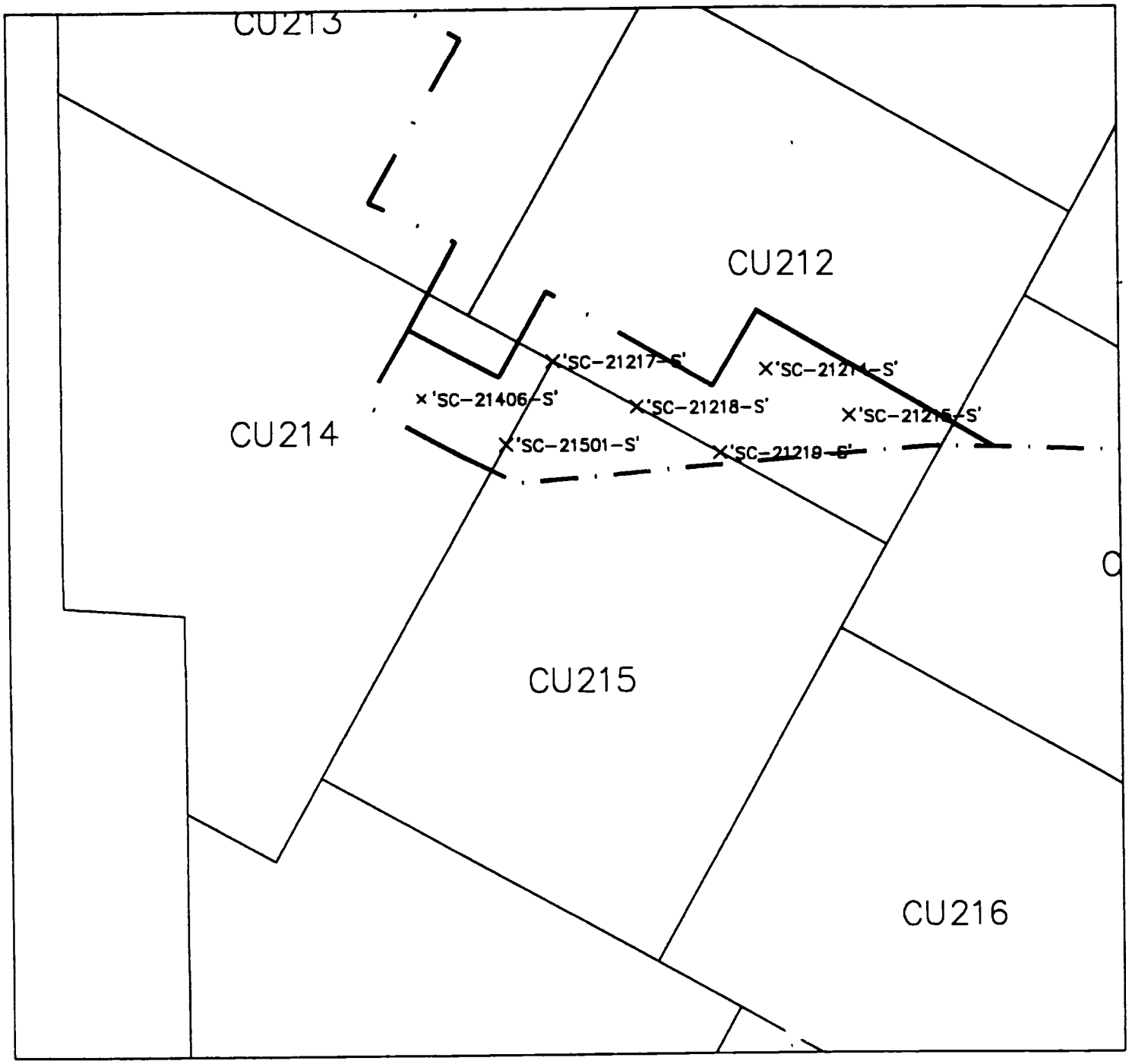
Detector Model#: 44-10 | 44-10

Detector Serial#: 122191 | 14517

Calibration Due: 8-11-99 | 5-6-99

Field Bkg.: 4500 cpm

Comments: Area was surveyed & found to be less than 1.5 times background



LEGEND

· 'SC-32606-S' SAMPLE POINTS PINNED

— · — · — PINNING LIMITS

N

GRAPHIC SCALE

50 0 50 100

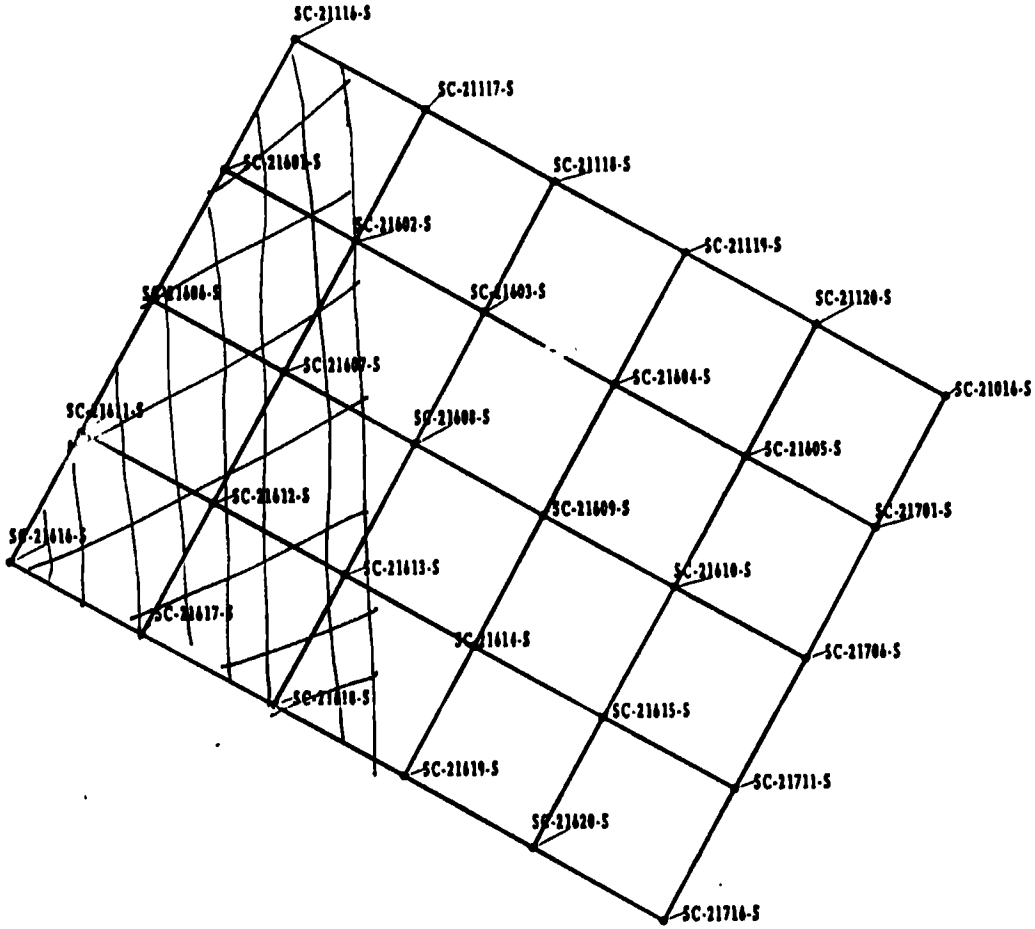
(IN FEET)
1 inch = 50 ft.

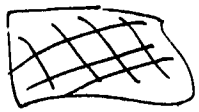
Radiation Survey Form WP 437, RU 22 CU 215

DEO CAD

Meter Model #:	2221	Detector Model #:	2.2 NaI
Meter Serial #:	99158	Detector Serial #:	122191
Calibration Due:	07-24-00	Calibration Due:	09-24-00
Survey Date / Time:	03-23-00	Field Bkg.:	5800 cpm
Surveyor(s):	C. Henry		
Comments:	All areas < 1.5 BKground		

Radiation Survey Form WP 437, RU022CU216

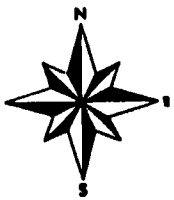




Area Surveyed

15 7.5 0 15 METERS

45 22.5 0 45 FEET



WSSRAP G

Meter Model#: 2221 | 2221 Detector Model#: 44-10 | 44-10

Meter Serial#: 127252 | 117607 Detector Serial#: 122191 | 14517

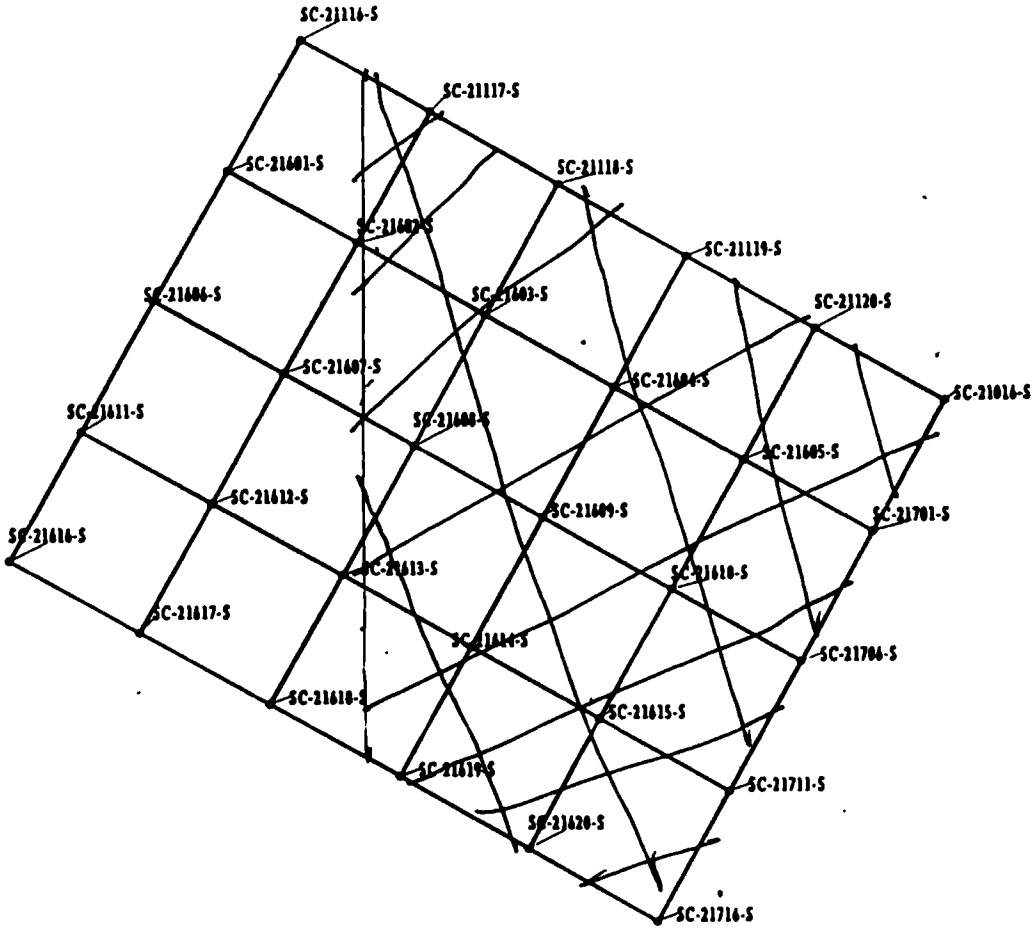
Calibration Due: 8-27-99 | 12-18-99 Calibration Due: 8-11-99 | 5-6-99

Survey Date/Time: 3-26-99 Field Bkg.: 4500 cpm

Surveyor(s): C. Hanner & T. Brower

Comments: Area was surveyed and found to be less than 1.5 times background

Radiation Survey Form WP 437, RU022CU216



WSSRAP GIS

15 7.5 0 15 METERS

45 22.5 0 45 FEET

N
S

Meter Model#: 2221 Detector Model#: 2x2 F

Meter Serial#: 127252 Detector Serial#: 122191

Calibration Due: 8-27-99 Calibration Due: 8-11-99

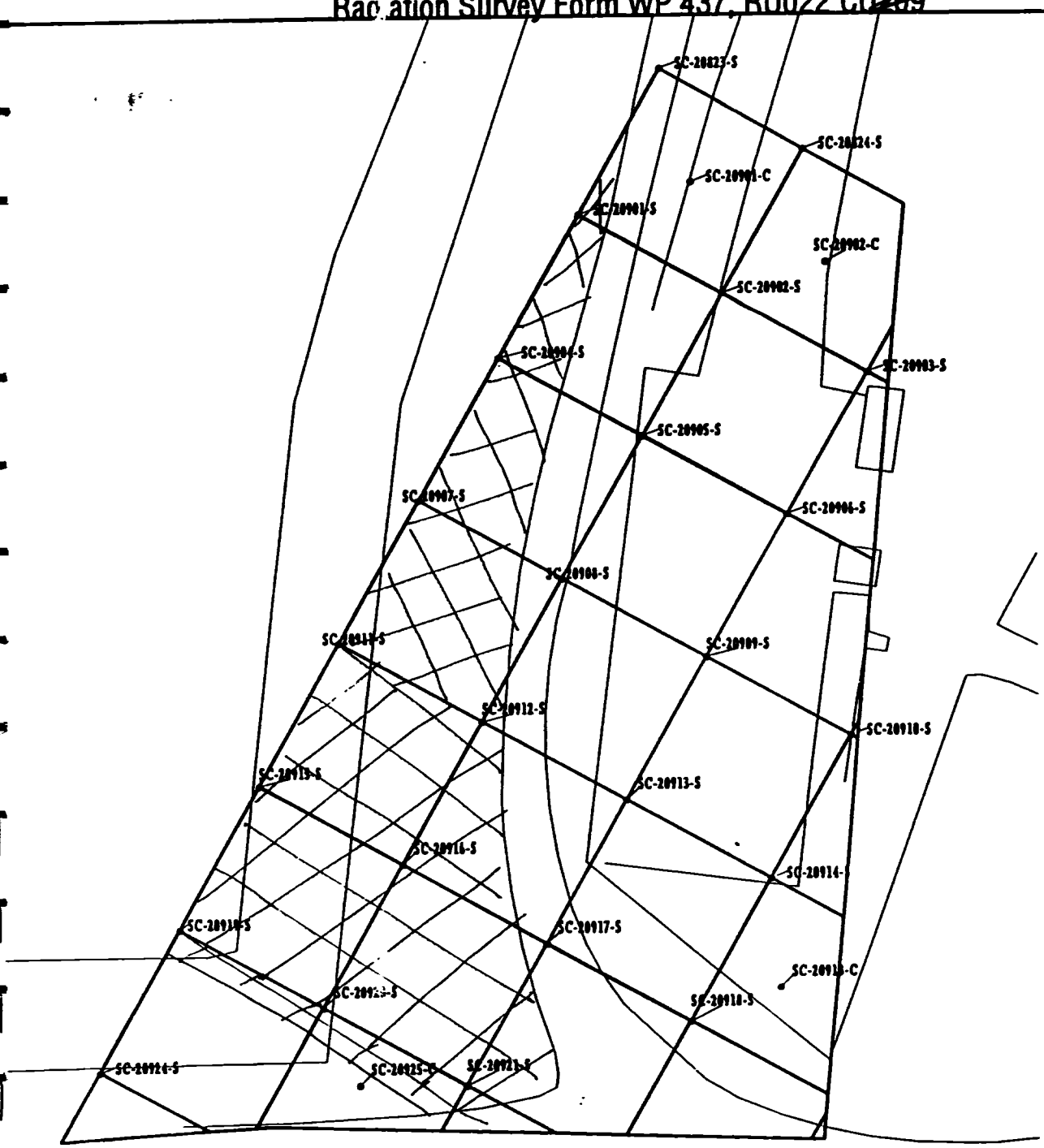
Survey Date/Time: 3/30/99 Field Bkg.: 5,000 CPM

Surveyor(s): T. Brown

Comments: All readings <1.5 times background

217

Radiation Survey Form WP 437, RU022 CU209



WSSRAP GIS

15 7.5 0 METERS

45 22.5 0 FEET

N

S

Meter Model#: 2221 / 2221

Meter Serial#: 117607 / 125435

Calibration Due: 12-18-99 / 12-20-99

Survey Date/Time: 2-2-99

Surveyor(s): C. Hanner & J. Rankins

Detector Model#: NaI "O" & "L"

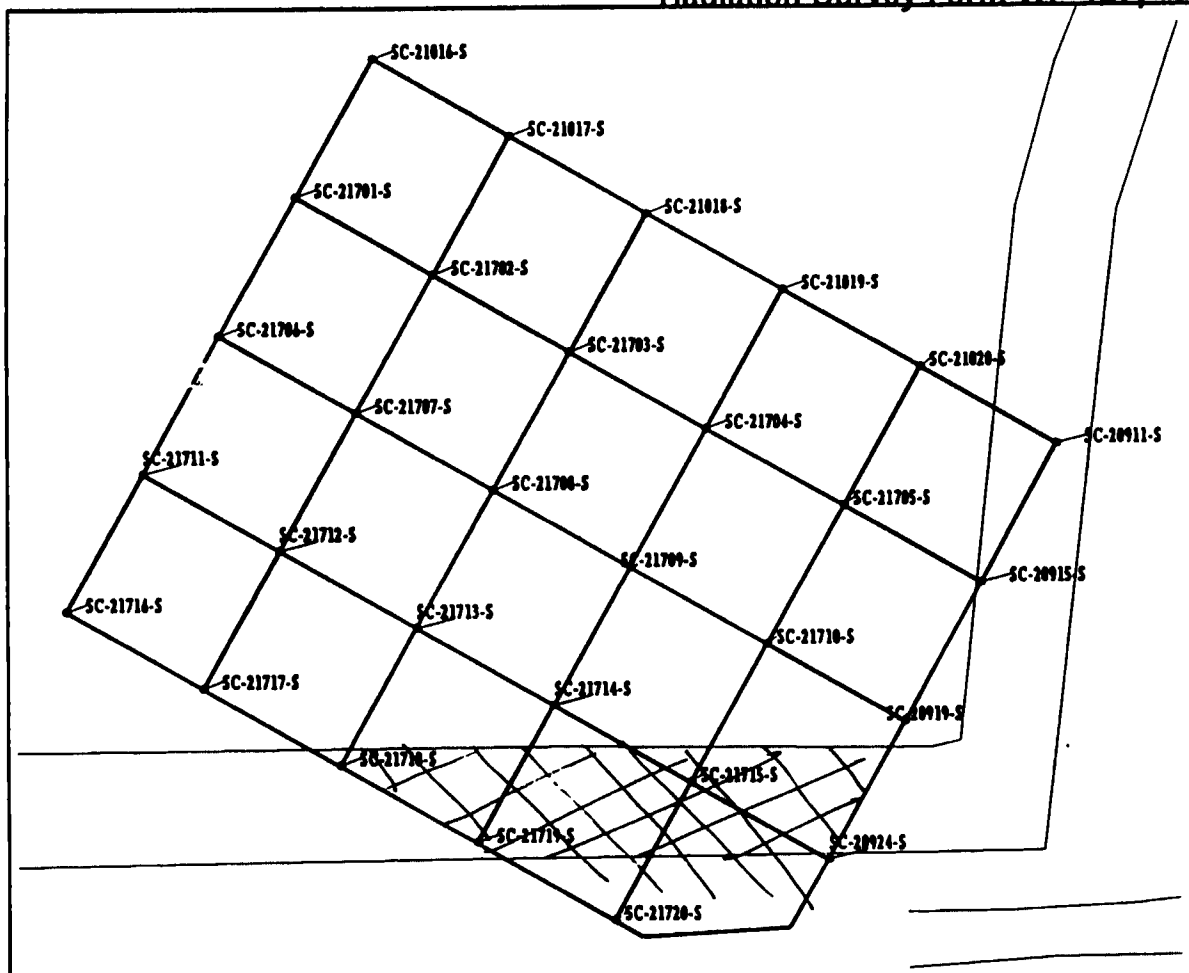
Detector Serial#: 5779 / 130673

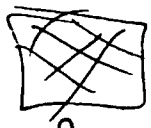
Calibration Due: 5-6-99 / 8-11-99

Field Bkg.: 10,000 & 4500

Comments: Area surveyed and found to be below 1.5 times background

Radiation Survey Form WP 437, RU022CU217

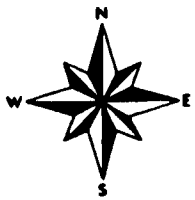




Area Surveyed

15 7.5 0 15 METERS

45 22.5 0 45 FEET



WSSRAP GIS

Meter Model#: 2221 / 2221 Detector Model#: NaI "O" & "L"

Meter Serial#: 117607 / 125435 Detector Serial#: 5779 / 130673

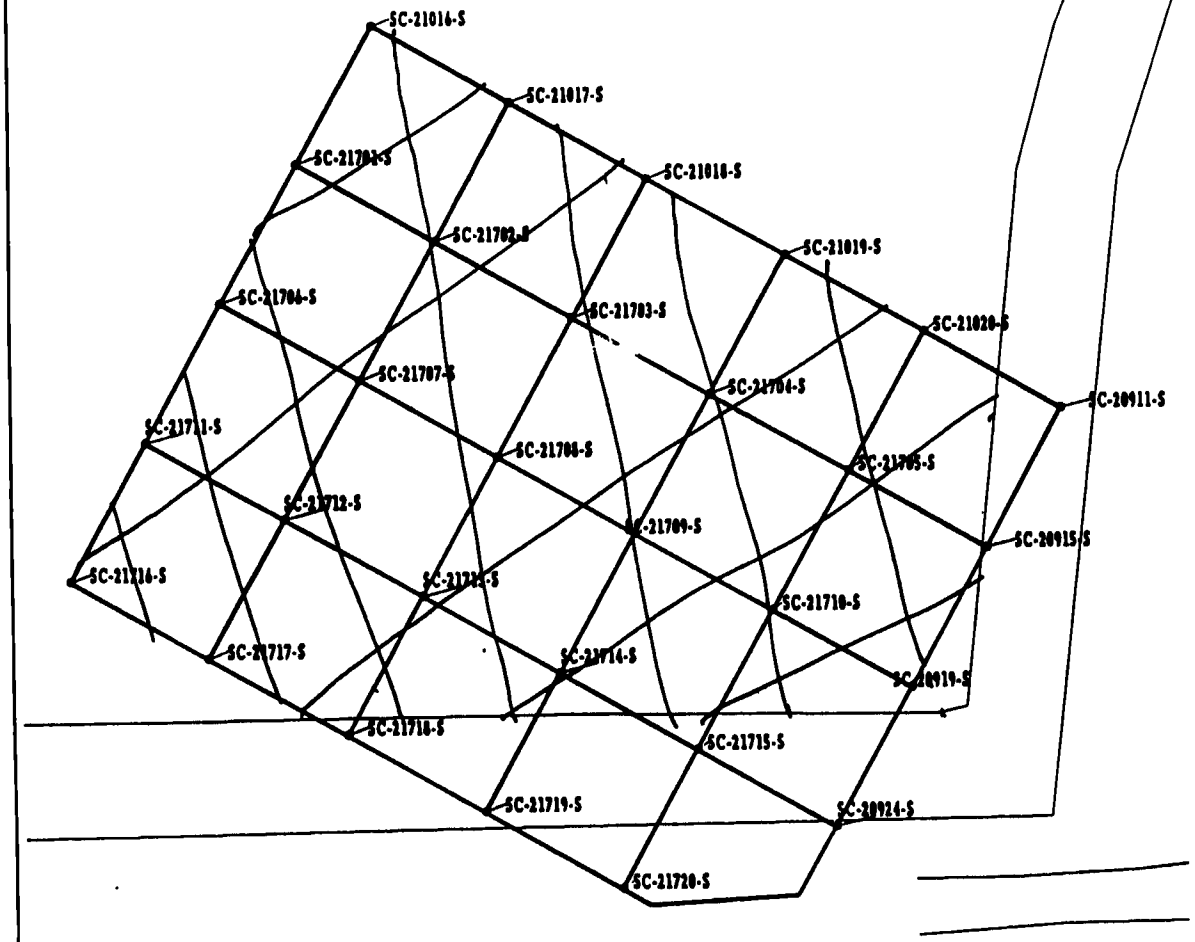
Calibration Due: 12-18-99 / 12-20-99 Calibration Due: 5-6-99 / 8-11-99

Survey Date/Time: 2-4-99 Field Bkg.: 10,000 & 5000

Surveyor(s): C Hanner & J. Rankins

Comments: Area surveyed & found to be below 1.5 times background

Radiation Survey Form WP 437, BU022CU217



WSSRAP GIS

15 7.5 0 15 METERS

45 22.5 0 45 FEET

N W E S

Meter Model#: 2221 Detector Model#: 2x2F

Meter Serial#: 127252 Detector Serial#: 122191

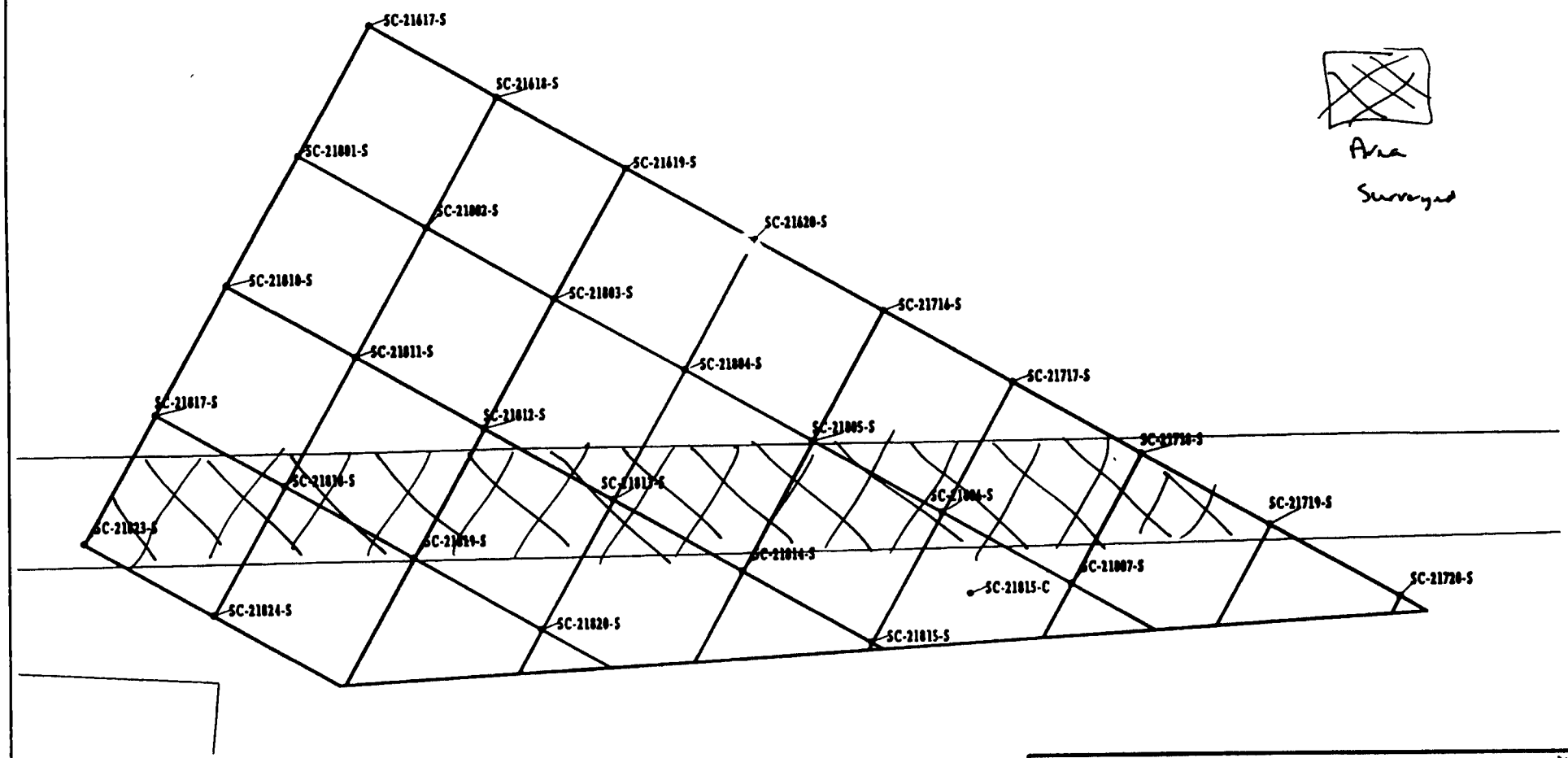
Calibration Due: 8-27-99 Calibration Due: 8-11-99

Survey Date/Time: 3/30/99 Field Bkg.: 5,000 CPM

Surveyor(s): T. Brown

Comments: All readings <1.5 times background

Radiation Survey Form WP 437, RU022CU218



WSSRAP GIS

Meter Model#: 2221 / 2221 Detector Model#: NaI "0" & "L"

Meter Serial#: 117607 / 125435 Detector Serial#: 5799 / 130673

Calibration Due: 12-15-99 / 12-20-99 Calibration Due: 5-6-99 / 8-11-99

Survey Date/Time: 2-4-99 Field Bkg.: 10,000 & 5000

Surveyor(s): C. Hanner & J. Rankins

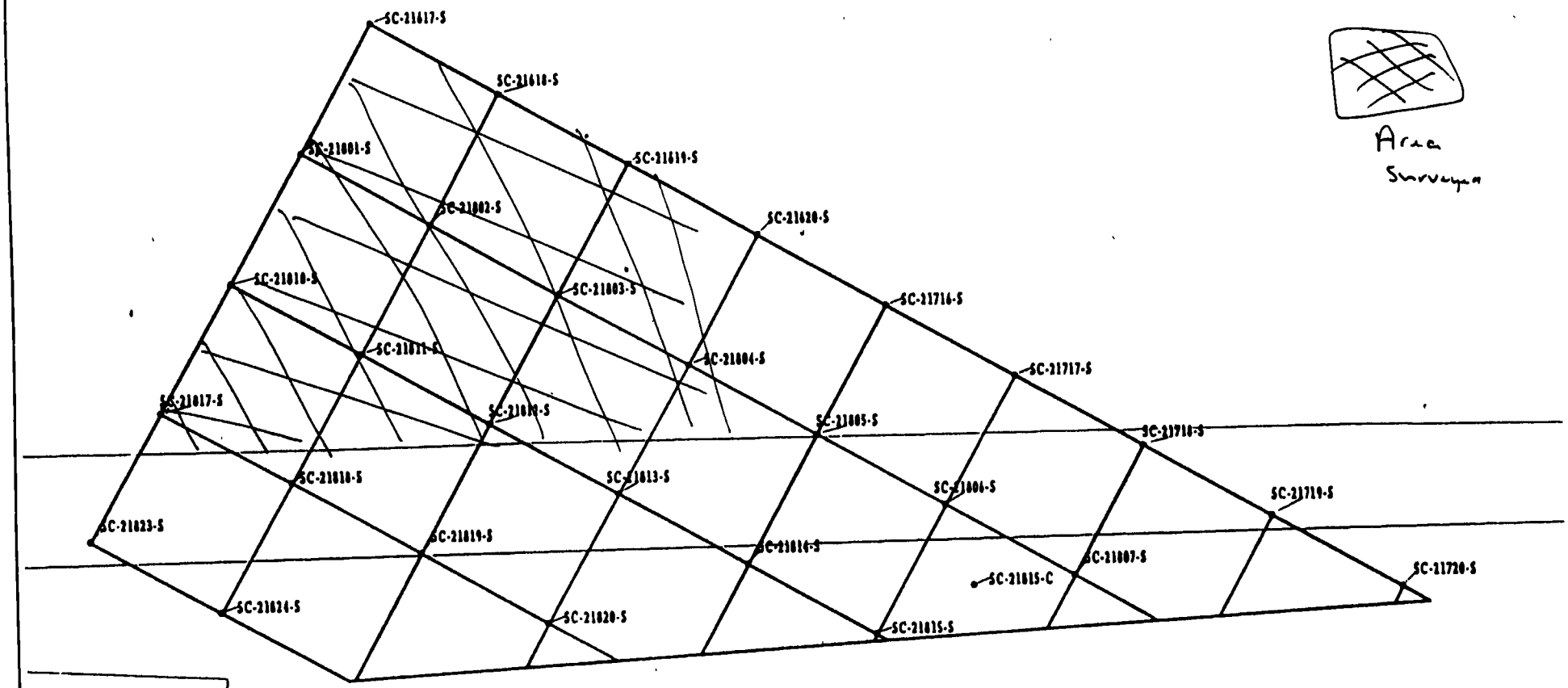
Comments: Area surveyed and found to be below 1.5 times background

15 7.5 0 15 METERS

45 22.5 0 45 FEET

N W E S

Radiation Survey Form WP 437, RU022CU218



WSSRAP GIS

15 7.5 0 15 METERS

45 22.5 0 45 FEET

N W E S

Meter Model#: 2221 / 2221 Detector Model#: 44-10 / 44-10

Meter Serial#: 127252 / 117607 Detector Serial#: 14517 / 122191

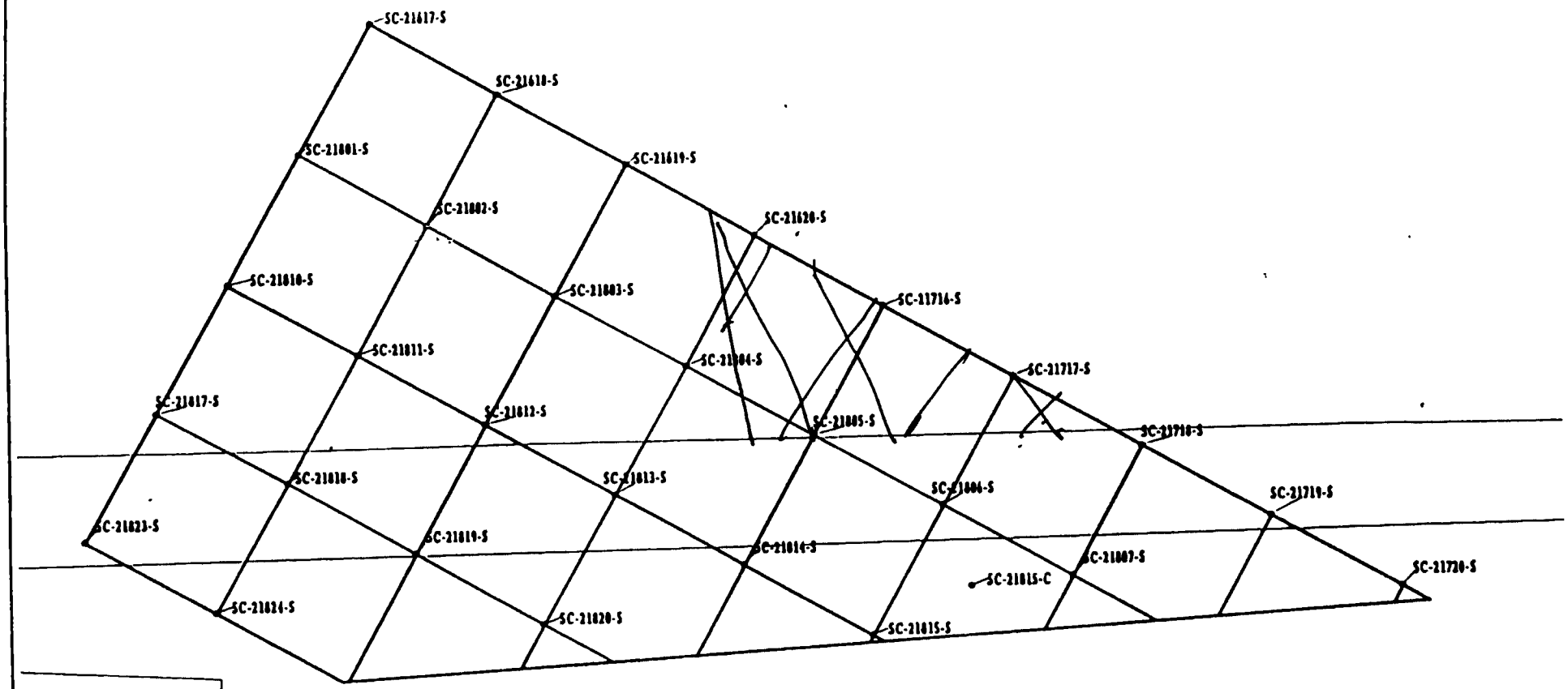
Calibration Due: 8-27-99 / 12-18-99 Calibration Due: 8-11-99 / 5-6-99

Survey Date/Time: 3-26-99 Field Bkg.: 4500 cpm

Surveyor(s): C. Hanna & T. Brewer

Comments: Area was surveyed & found to be less than 1.5 times background

Radiation Survey Form WP 437, RU022CU218



WSSRAP GIS

15 7.5 0 15 METERS

45 22.5 0 45 FEET

N W E S

Meter Model#: 2221 Detector Model#: 2x2 F

Meter Serial#: 127252 Detector Serial#: 122191

Calibration Due: 8-27-99 Calibration Due: 8-11-99

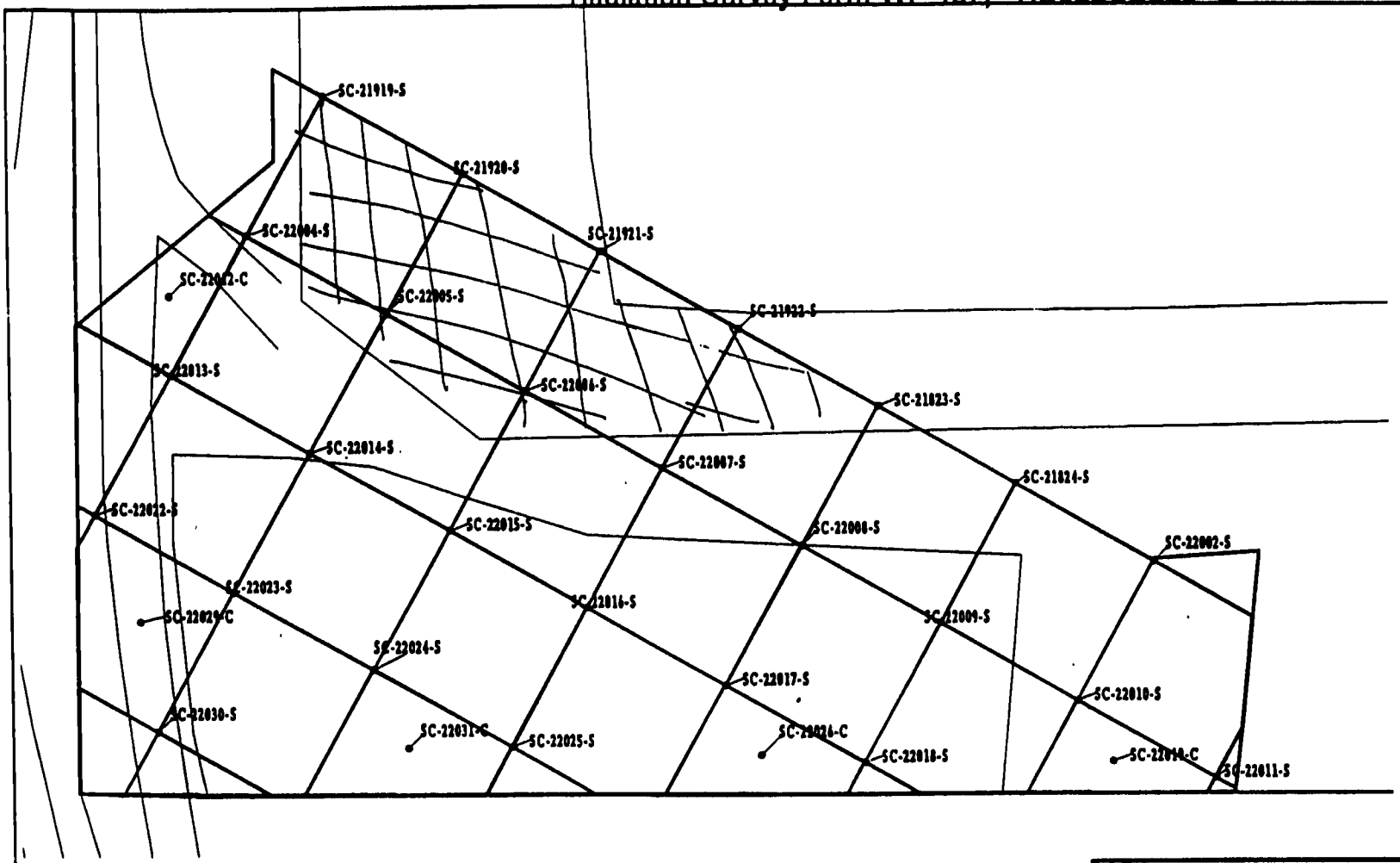
Survey Date/Time: 3/30/99 Field Bkg.: 5,000 CPM

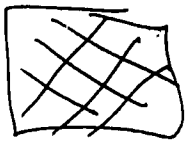
Surveyor(s): T. Brown

Comments: All readings <1.5 times background

219

Radiation Survey Form WP 437, RU022CU~~220~~





Area Surveyed

WSSRAP

Meter Model#: 2221 / 2221 Detector Model#: NaI "O" & "L"

Meter Serial#: 117607 / 125435 Detector Serial#: 5779 / 130673

Calibration Due: 12-18-99 / 12-20-99 Calibration Due: ~~10,000 & 5000~~ 5-6-99 / 8-11-99

Survey Date/Time: 2-4-99 Field Bkg.: 10,000 & 5000

Surveyor(s): C. Hanner & J. Rankins

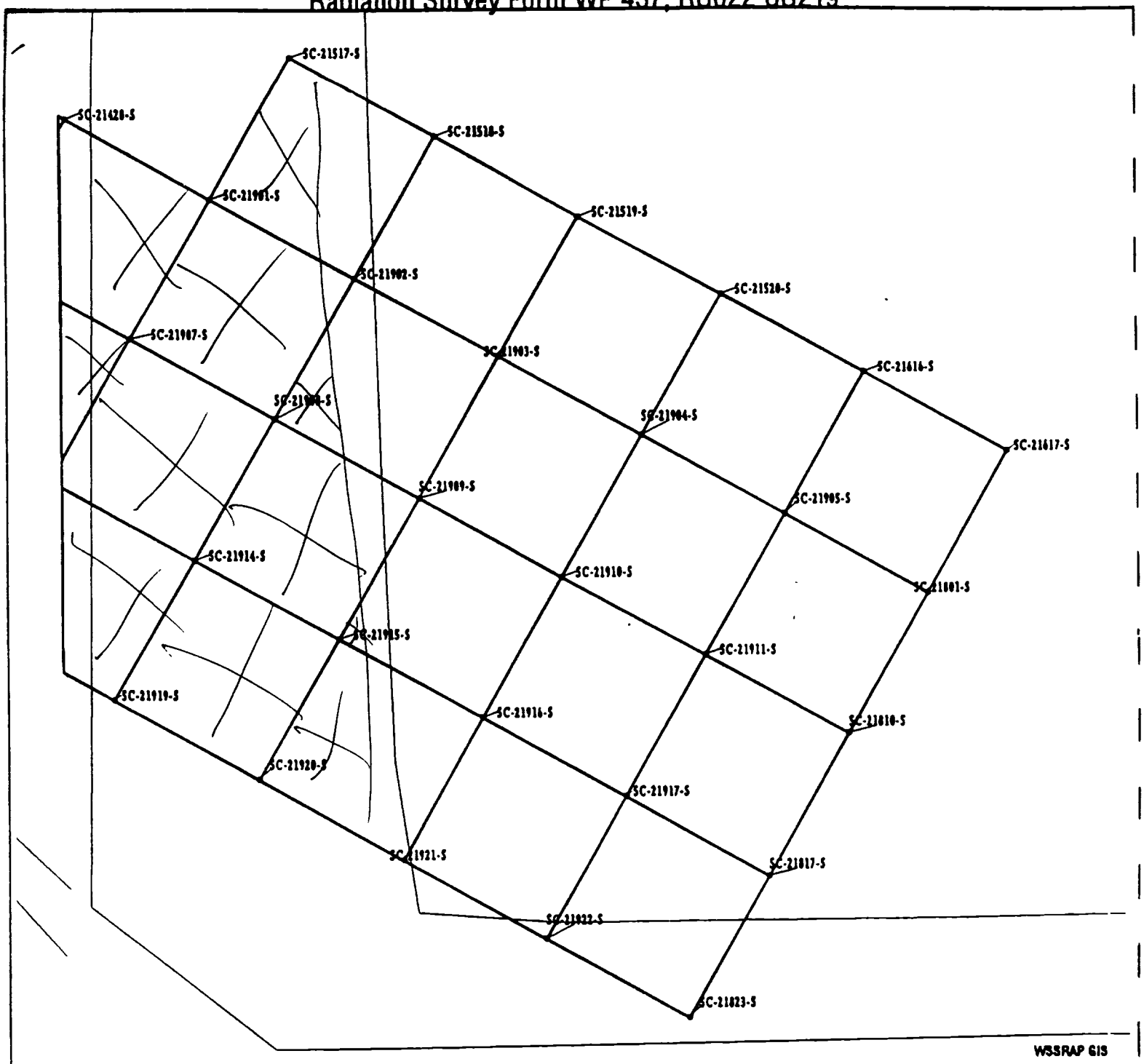
Comments: Area surveyed and found to be below 1.5 times background

15 7.5 0 15 METERS

45 22.5 0 45 FEET

N E S

Radiation Survey Form WP 437, RU022 CU219



15 7.5 0 METERS

45 22.5 0 FEET

Meter Model#: 2221

Meter Serial#: 117607

Calibration Due: 12/18/99

Survey Date/Time: 2/23/99

Surveyor(s): M. MEDINA

Detector Model#: NaI 2x2

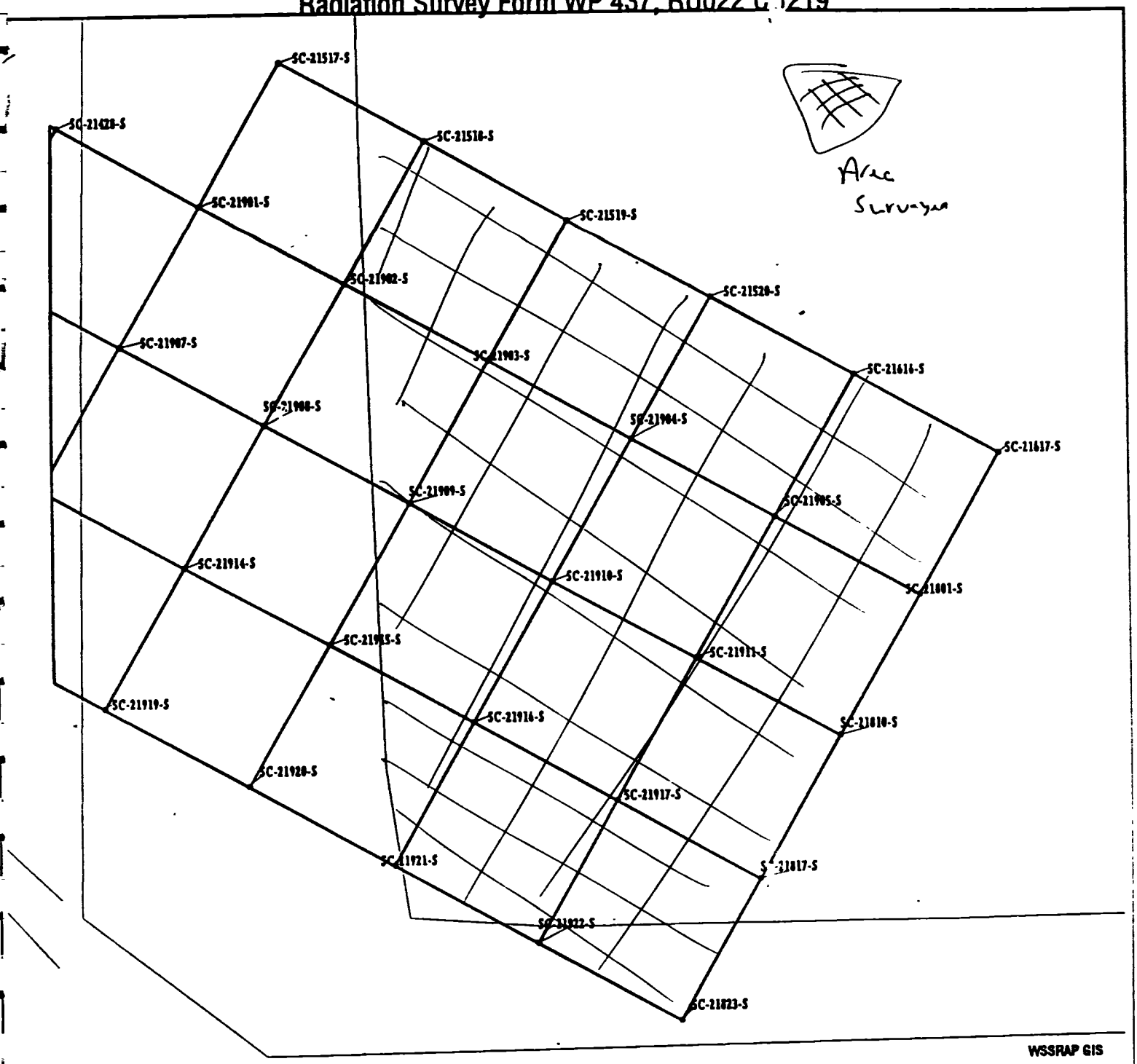
Detector Serial#: A517

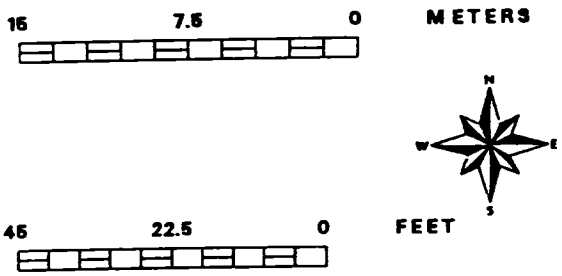
Calibration Due: 5/6/99

Field Bkg.: 4,000 CPTMΔ

Comments: *Area bkg. was 4,000 CPTMΔ. Area surveyed <1.5x BKG.

Radiation Survey Form WP 437, BU022 C 1219





Meter Model#: 2221 | 2221

Meter Serial#: 127252 | 117601

Calibration Due: 8-27-99 | 12-18-99

Survey Date/Time: 3-26-99

Surveyor(s): C. Hanner & T. Brower

Comments: Area was surveyed and found to be less than 1.5 times background

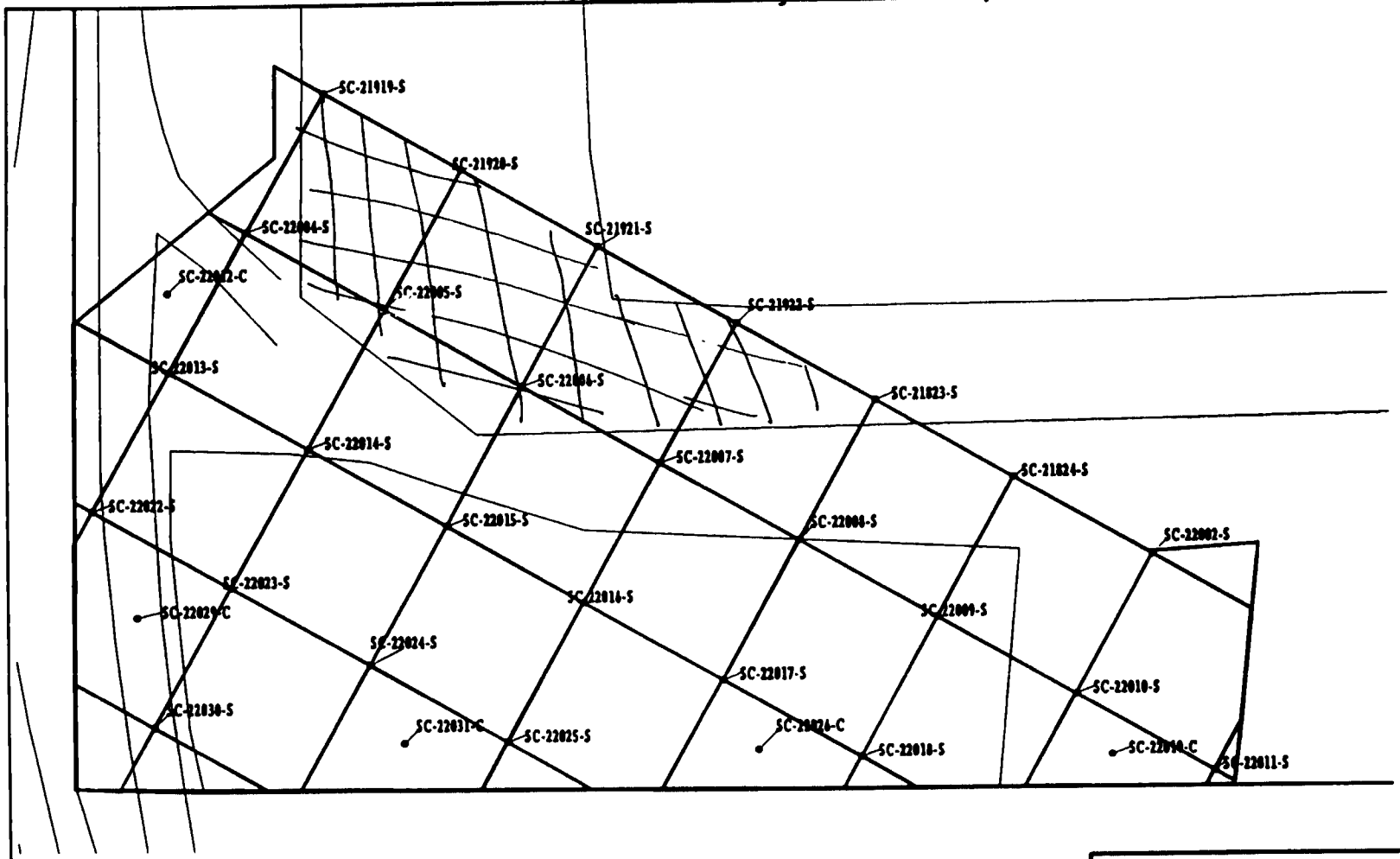
Detector Model#: 44-10 | 44-10

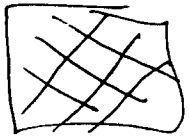
Detector Serial#: 122191 | 14517

Calibration Due: 8-11-99 | 5-6-99

Field Bkg.: 4500 cpm

Radiation Survey Form WP 437, RU022CU220





Area Surveyed

WSSRAP G

Meter Model#: 2221 / 2221

Meter Serial#: 117607 / 125435

Calibration Due: 12-18-99 / 12-20-99

Survey Date/Time: 2-4-99

Surveyor(s): C. Hanner & J. Rankins

Detector Model#: NaI "O" & "L"

Detector Serial#: 5779 / 130673

Calibration Due: ~~10,000 & 5000~~ 5-6-99 / 8-4-99

Field Bkg.: 10,000 & 5000

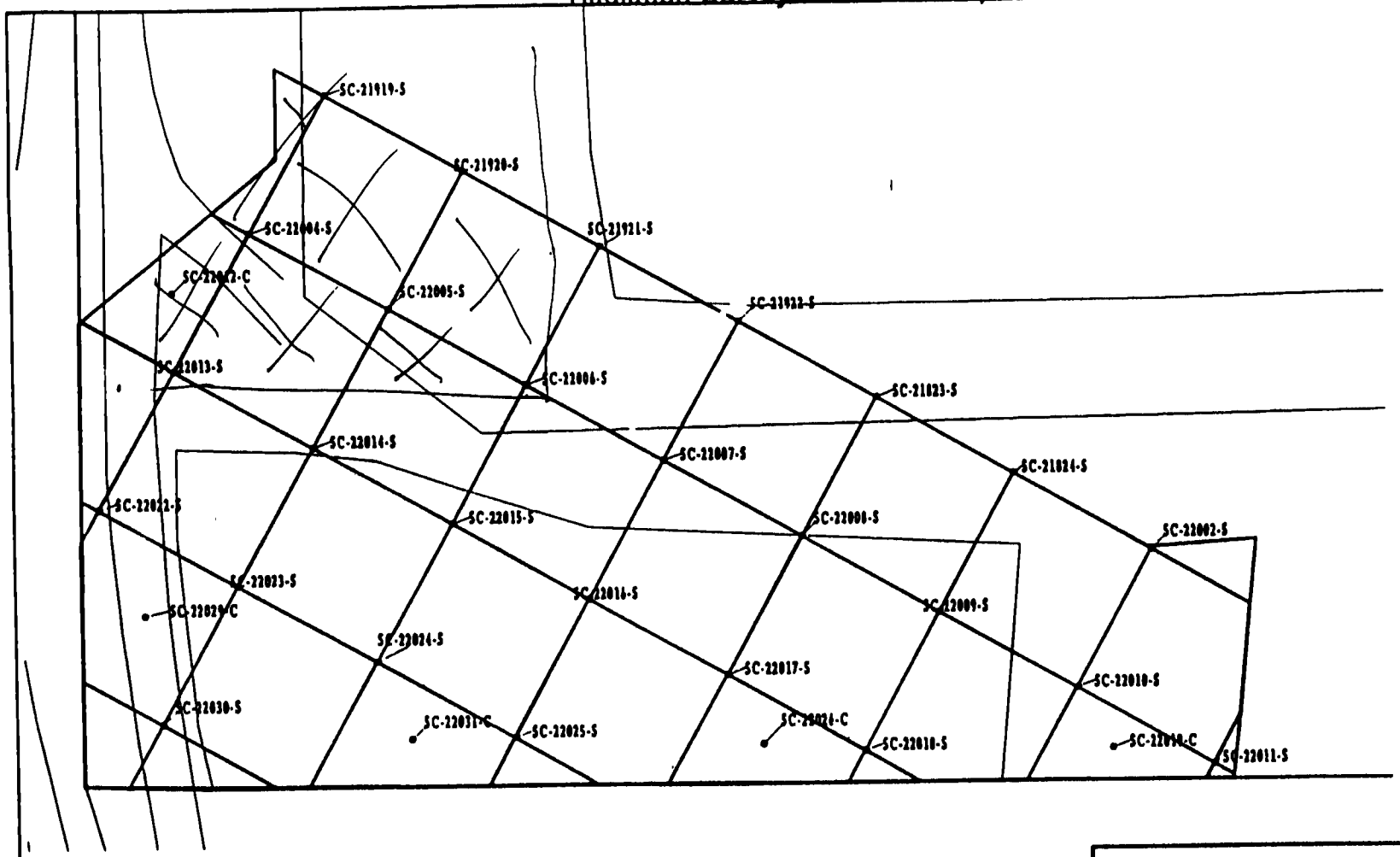
Comments: Area surveyed and found to be below 1.5 times background

15 7.5 0 15 METERS

45 22.5 0 45 FEET

N E S

Radiation Survey Form WP 437, RU022CU220



WSSRAP G

15 7.5 0 15 METERS

45 22.5 0 45 FEET

N E S

Meter Model#: 2221

Meter Serial#: 117607

Calibration Due: 12/18/99

Survey Date/Time: 2/23/99

Surveyor(s): M. MEDINA

Detector Model#: NaI 2x2

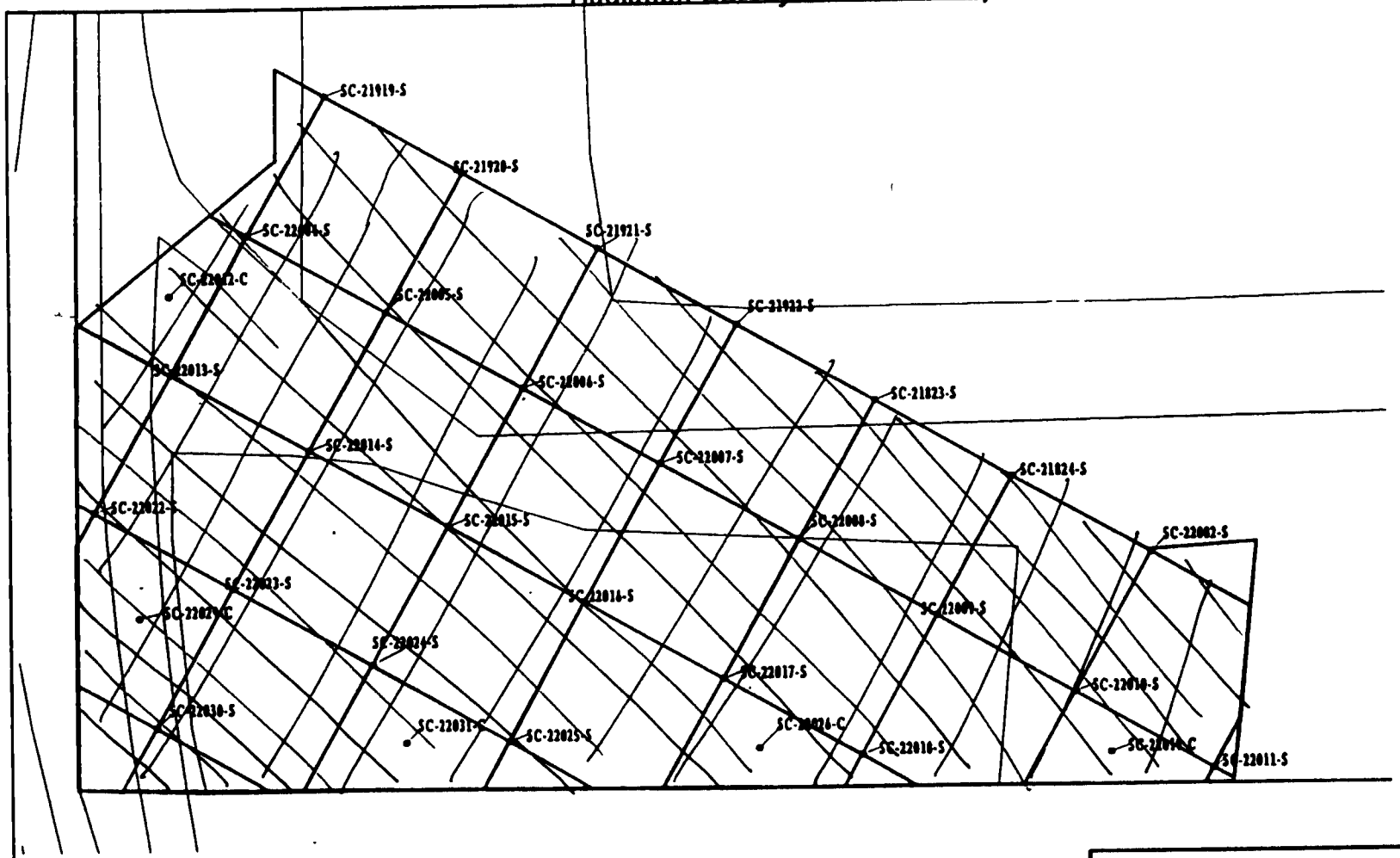
Detector Serial#: 14517

Calibration Due: 5/6/99

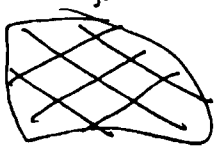
Field Bkg.: 4,000 CPM Δ

Comments: ≥Area bkg. was 4,000 CPM Δ. Area surveyed ≤1.5x BKG.

Radiation Survey Form WP 437, RU022CU220



Area Surveyed



WSSRAP GIS

15 7.5 0 15 METERS

45 22.5 0 45 FEET

Meter Model#: 2221

Meter Serial#: 125435

Calibration Due: 12-20-99

Survey Date/Time: 3/15/99

Surveyor(s): C. Hanner

Detector Model#: NaI "L"

Detector Serial#: 130763

Calibration Due: 8-11-99

Field Bkg.: 11,000

Comments: Area was surveyed and was found to be below 1.5 times background

APPENDIX B
Final Data

APPENDIX B WP-437 RU22 FINAL DATA

WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19802-S	5/2/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-19803-S	5/2/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-19807-S	5/2/2000	2,4,6-TRINITROTOLUENE	0.065	0.13	UG/G
SC-19808-S	5/2/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-19812-S	4/5/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-19813-S	4/5/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-19817-S	3/31/2000	2,4,6-TRINITROTOLUENE	0.145	0.29	UG/G
SC-19818-S	4/5/2000	2,4,6-TRINITROTOLUENE	0.065	0.13	UG/G
SC-19901-S	8/3/1999	2,4,6-TRINITROTOLUENE	0.014	0.028	UG/G
SC-19902-S	8/3/1999	2,4,6-TRINITROTOLUENE	0.0135	0.027	UG/G
SC-19903-S	7/30/1999	2,4,6-TRINITROTOLUENE	0.0135	0.027	UG/G
SC-19904-S	7/30/1999	2,4,6-TRINITROTOLUENE	0.0135	0.027	UG/G
SC-19905-S	8/3/1999	2,4,6-TRINITROTOLUENE	0.0125	0.025	UG/G
SC-19906-S	8/3/1999	2,4,6-TRINITROTOLUENE	0.015	0.03	UG/G
SC-19907-S	7/30/1999	2,4,6-TRINITROTOLUENE	0.013	0.026	UG/G
SC-19908-S	7/30/1999	2,4,6-TRINITROTOLUENE	0.013	0.026	UG/G
SC-19909-S	8/3/1999	2,4,6-TRINITROTOLUENE	0.0145	0.029	UG/G
SC-19910-S	8/3/1999	2,4,6-TRINITROTOLUENE	0.0145	0.029	UG/G
SC-19911-S	7/30/1999	2,4,6-TRINITROTOLUENE	0.013	0.026	UG/G
SC-19912-S	3/31/2000	2,4,6-TRINITROTOLUENE	0.165	0.33	UG/G
SC-19913-S	8/3/1999	2,4,6-TRINITROTOLUENE	0.0125	0.025	UG/G
SC-19914-S	8/3/1999	2,4,6-TRINITROTOLUENE	0.014	0.028	UG/G
SC-19915-S	3/31/2000	2,4,6-TRINITROTOLUENE	0.155	0.31	UG/G
SC-19916-S	3/31/2000	2,4,6-TRINITROTOLUENE	0.16	0.32	UG/G
SC-19917-S	8/3/1999	2,4,6-TRINITROTOLUENE	0.0135	0.027	UG/G
SC-19918-S	3/31/2000	2,4,6-TRINITROTOLUENE	0.15	0.3	UG/G
SC-19919-S	3/31/2000	2,4,6-TRINITROTOLUENE	0.15	0.3	UG/G
SC-19920-S	3/31/2000	2,4,6-TRINITROTOLUENE	0.15	0.3	UG/G
SC-20001-S	8/3/1999	2,4,6-TRINITROTOLUENE	0.0145	0.029	UG/G
SC-20002-S	8/3/1999	2,4,6-TRINITROTOLUENE	0.0145	0.029	UG/G
SC-20003-S	8/3/1999	2,4,6-TRINITROTOLUENE	0.0145	0.029	UG/G
SC-20004-S	8/3/1999	2,4,6-TRINITROTOLUENE	0.0135	0.027	UG/G
SC-20005-S	8/3/1999	2,4,6-TRINITROTOLUENE	0.0135	0.027	UG/G
SC-20006-S	8/31/1999	2,4,6-TRINITROTOLUENE	0.014	0.028	UG/G
SC-20007-S	8/3/1999	2,4,6-TRINITROTOLUENE	0.0145	0.029	UG/G
SC-20008-S	8/3/1999	2,4,6-TRINITROTOLUENE	0.014	0.028	UG/G
SC-20009-S	8/3/1999	2,4,6-TRINITROTOLUENE	0.0135	0.027	UG/G
SC-20010-S	8/3/1999	2,4,6-TRINITROTOLUENE	0.014	0.028	UG/G
SC-20011-S	8/26/1999	2,4,6-TRINITROTOLUENE	0.0125	0.025	UG/G
SC-20012-S	8/26/1999	2,4,6-TRINITROTOLUENE	0.0135	0.027	UG/G
SC-20013-S	8/3/1999	2,4,6-TRINITROTOLUENE	0.013	0.026	UG/G
SC-20014-S	8/3/1999	2,4,6-TRINITROTOLUENE	0.014	0.028	UG/G
SC-20015-S	8/3/1999	2,4,6-TRINITROTOLUENE	0.0145	0.029	UG/G
SC-20016-S	8/26/1999	2,4,6-TRINITROTOLUENE	0.015	0.03	UG/G
SC-20017-S	8/26/1999	2,4,6-TRINITROTOLUENE	0.014	0.028	UG/G
SC-20018-S	8/3/1999	2,4,6-TRINITROTOLUENE	0.0135	0.027	UG/G
SC-20019-S	8/3/1999	2,4,6-TRINITROTOLUENE	0.013	0.026	UG/G
SC-20020-S	8/3/1999	2,4,6-TRINITROTOLUENE	0.013	0.026	UG/G
SC-20401-S	8/31/1999	2,4,6-TRINITROTOLUENE	0.0135	0.027	UG/G
SC-20402-S	8/26/1999	2,4,6-TRINITROTOLUENE	0.014	0.028	UG/G
SC-20403-S	8/26/1999	2,4,6-TRINITROTOLUENE	0.013	0.026	UG/G
SC-20404-S	8/3/1999	2,4,6-TRINITROTOLUENE	0.0125	0.025	UG/G
SC-20405-S	8/3/1999	2,4,6-TRINITROTOLUENE	0.0135	0.027	UG/G
SC-20406-S	8/31/1999	2,4,6-TRINITROTOLUENE	0.0135	0.027	UG/G
SC-20407-S	8/31/1999	2,4,6-TRINITROTOLUENE	0.013	0.026	UG/G

APPENDIX B WP-437 RU22 FINAL DATA

WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20408-S	8/26/1999	2,4,6-TRINITROTOLUENE	0.0125	0.025	UG/G
SC-20409-S	8/26/1999	2,4,6-TRINITROTOLUENE	0.0135	0.027	UG/G
SC-20410-S	8/26/1999	2,4,6-TRINITROTOLUENE	0.0135	0.027	UG/G
SC-20412-S	8/31/1999	2,4,6-TRINITROTOLUENE	0.014	0.028	UG/G
SC-20413-S	8/26/1999	2,4,6-TRINITROTOLUENE	0.013	0.026	UG/G
SC-20414-S	8/26/1999	2,4,6-TRINITROTOLUENE	0.015	0.03	UG/G
SC-20414-S-RS	3/24/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-20415-S	8/26/1999	2,4,6-TRINITROTOLUENE	0.013	0.026	UG/G
SC-20415-S-RS	3/24/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-20417-S	8/31/1999	2,4,6-TRINITROTOLUENE	0.013	0.026	UG/G
SC-20418-S	8/31/1999	2,4,6-TRINITROTOLUENE	0.0125	0.025	UG/G
SC-20419-S	3/17/2000	2,4,6-TRINITROTOLUENE	0.145	0.29	UG/G
SC-20420-S	3/17/2000	2,4,6-TRINITROTOLUENE	0.15	0.3	UG/G
SC-20501-S	3/31/2000	2,4,6-TRINITROTOLUENE	0.145	0.29	UG/G
SC-20501-U	4/26/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-20502-S	3/31/2000	2,4,6-TRINITROTOLUENE	0.15	0.3	UG/G
SC-20503-S	8/26/1999	2,4,6-TRINITROTOLUENE	0.0135	0.027	UG/G
SC-20503-S-RS	3/24/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-20504-S	3/31/2000	2,4,6-TRINITROTOLUENE	0.15	0.3	UG/G
SC-20505-S	3/31/2000	2,4,6-TRINITROTOLUENE	0.14	0.28	UG/G
SC-20506-S	3/31/2000	2,4,6-TRINITROTOLUENE	0.155	0.31	UG/G
SC-20507-S	3/31/2000	2,4,6-TRINITROTOLUENE	0.155	0.31	UG/G
SC-20508-S	3/31/2000	2,4,6-TRINITROTOLUENE	0.15	0.3	UG/G
SC-20509-S	3/24/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-20510-S	3/17/2000	2,4,6-TRINITROTOLUENE	0.145	0.29	UG/G
SC-20511-S	3/17/2000	2,4,6-TRINITROTOLUENE	0.15	0.3	UG/G
SC-20512-S	3/17/2000	2,4,6-TRINITROTOLUENE	0.16	0.32	UG/G
SC-20513-S	3/31/2000	2,4,6-TRINITROTOLUENE	0.165	0.33	UG/G
SC-20514-S	3/31/2000	2,4,6-TRINITROTOLUENE	0.145	0.29	UG/G
SC-20515-S	3/17/2000	2,4,6-TRINITROTOLUENE	0.145	0.29	UG/G
SC-20516-S	3/17/2000	2,4,6-TRINITROTOLUENE	0.16	0.32	UG/G
SC-20517-S	3/17/2000	2,4,6-TRINITROTOLUENE	0.15	0.3	UG/G
SC-20518-S	3/17/2000	2,4,6-TRINITROTOLUENE	0.155	0.31	UG/G
SC-20519-S	3/17/2000	2,4,6-TRINITROTOLUENE	0.145	0.29	UG/G
SC-20520-S	3/31/2000	2,4,6-TRINITROTOLUENE	0.16	0.32	UG/G
SC-20601-S	3/31/2000	2,4,6-TRINITROTOLUENE	0.145	0.29	UG/G
SC-20602-S	3/31/2000	2,4,6-TRINITROTOLUENE	0.145	0.29	UG/G
SC-20603-S	3/31/2000	2,4,6-TRINITROTOLUENE	0.15	0.3	UG/G
SC-20604-S	3/31/2000	2,4,6-TRINITROTOLUENE	0.145	0.29	UG/G
SC-20605-S	3/31/2000	2,4,6-TRINITROTOLUENE	0.15	0.3	UG/G
SC-20606-S	3/31/2000	2,4,6-TRINITROTOLUENE	0.15	0.3	UG/G
SC-20607-S	3/31/2000	2,4,6-TRINITROTOLUENE	0.145	0.29	UG/G
SC-20608-S	3/31/2000	2,4,6-TRINITROTOLUENE	0.145	0.29	UG/G
SC-20609-S	3/29/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-20610-S	3/31/2000	2,4,6-TRINITROTOLUENE	0.155	0.31	UG/G
SC-20611-S	3/31/2000	2,4,6-TRINITROTOLUENE	0.155	0.31	UG/G
SC-20612-S	3/29/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-20613-S	3/29/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-20614-S	3/29/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-20615-S	3/29/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-20616-S	3/29/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-20617-S	3/29/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-20618-S	3/29/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-20619-S	3/29/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-20620-S	3/29/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20621-S	3/29/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-20702-S	3/29/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-20705-S	3/29/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-20706-S	3/29/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-20713-S	3/29/2000	2,4,6-TRINITROTOLUENE	0.065	0.13	UG/G
SC-20716-S	4/6/2000	2,4,6-TRINITROTOLUENE	0.145	0.29	UG/G
SC-20905-S	4/19/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-20906-S	4/19/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-20908-S	4/26/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-20909-S	4/19/2000	2,4,6-TRINITROTOLUENE	0.065	0.13	UG/G
SC-20910-S	4/19/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-20913-S	4/19/2000	2,4,6-TRINITROTOLUENE	0.065	0.13	UG/G
SC-20914-S	4/26/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-20917-S	4/26/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-20918-C	4/26/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-20918-S	4/26/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-21001-S	4/6/1999	2,4,6-TRINITROTOLUENE	0.0035	0.007	UG/G
SC-21002-S	4/6/1999	2,4,6-TRINITROTOLUENE	0.0035	0.007	UG/G
SC-21003-S	4/6/1999	2,4,6-TRINITROTOLUENE	0.0035	0.007	UG/G
SC-21004-S	4/6/1999	2,4,6-TRINITROTOLUENE	0.0036	0.0072	UG/G
SC-21004-S-RS	3/13/2000	2,4,6-TRINITROTOLUENE	0.16	0.32	UG/G
SC-21005-S-RS	3/13/2000	2,4,6-TRINITROTOLUENE	0.155	0.31	UG/G
SC-21006-S	4/6/1999	2,4,6-TRINITROTOLUENE	0.00325	0.0065	UG/G
SC-21007-S	4/6/1999	2,4,6-TRINITROTOLUENE	0.0034	0.0068	UG/G
SC-21008-S	4/6/1999	2,4,6-TRINITROTOLUENE	0.00325	0.0065	UG/G
SC-21009-S	4/6/1999	2,4,6-TRINITROTOLUENE	0.0036	0.0072	UG/G
SC-21010-S-RS	3/13/2000	2,4,6-TRINITROTOLUENE	0.155	0.31	UG/G
SC-21011-S	4/6/1999	2,4,6-TRINITROTOLUENE	0.0036	0.0072	UG/G
SC-21012-S	4/6/1999	2,4,6-TRINITROTOLUENE	0.00345	0.0069	UG/G
SC-21013-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.0034	0.0068	UG/G
SC-21014-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.0034	0.0068	UG/G
SC-21015-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.0033	0.0066	UG/G
SC-21016-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.00315	0.0063	UG/G
SC-21017-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.003	0.006	UG/G
SC-21018-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.00335	0.0067	UG/G
SC-21019-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.0036	0.0072	UG/G
SC-21020-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.0034	0.0068	UG/G
SC-21101-S	3/29/2000	2,4,6-TRINITROTOLUENE	0.065	0.13	UG/G
SC-21102-S	3/29/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-21103-S	3/29/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-21104-S	4/6/1999	2,4,6-TRINITROTOLUENE	0.0036	0.0072	UG/G
SC-21105-S	4/6/1999	2,4,6-TRINITROTOLUENE	0.00325	0.0065	UG/G
SC-21106-S	3/29/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-21107-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.0032	0.0064	UG/G
SC-21107-S-RS	4/12/2000	2,4,6-TRINITROTOLUENE	0.15	0.3	UG/G
SC-21108-S	6/15/1999	2,4,6-TRINITROTOLUENE	0.0155	0.031	UG/G
SC-21109-S	4/6/1999	2,4,6-TRINITROTOLUENE	0.0033	0.0066	UG/G
SC-21110-S	4/6/1999	2,4,6-TRINITROTOLUENE	0.003	0.006	UG/G
SC-21111-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.0031	0.0062	UG/G
SC-21112-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.0034	0.0068	UG/G
SC-21113-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.021	0.006	UG/G
SC-21114-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.0036	0.0072	UG/G
SC-21115-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.0034	0.0068	UG/G
SC-21116-S	4/1/1999	2,4,6-TRINITROTOLUENE	0.0031	0.0062	UG/G
SC-21117-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.0032	0.0064	UG/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21118-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.00335	0.0067	UG/G
SC-21119-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.00315	0.0063	UG/G
SC-21120-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.0033	0.0066	UG/G
SC-21201-S	3/17/2000	2,4,6-TRINITROTOLUENE	0.16	0.32	UG/G
SC-21201-U	4/14/2000	2,4,6-TRINITROTOLUENE	0.15	0.3	UG/G
SC-21202-S	3/17/2000	2,4,6-TRINITROTOLUENE	0.15	0.3	UG/G
SC-21203-S	3/17/2000	2,4,6-TRINITROTOLUENE	0.15	0.3	UG/G
SC-21204-S	3/17/2000	2,4,6-TRINITROTOLUENE	0.145	0.29	UG/G
SC-21205-S	3/29/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-21206-S	3/17/2000	2,4,6-TRINITROTOLUENE	0.15	0.3	UG/G
SC-21207-S	3/17/2000	2,4,6-TRINITROTOLUENE	0.145	0.29	UG/G
SC-21208-S	3/17/2000	2,4,6-TRINITROTOLUENE	0.16	0.32	UG/G
SC-21209-S	3/17/2000	2,4,6-TRINITROTOLUENE	0.155	0.31	UG/G
SC-21210-S	3/29/2000	2,4,6-TRINITROTOLUENE	0.065	0.13	UG/G
SC-21211-S	3/17/2000	2,4,6-TRINITROTOLUENE	0.15	0.3	UG/G
SC-21212-S	3/17/2000	2,4,6-TRINITROTOLUENE	0.165	0.33	UG/G
SC-21213-S	3/17/2000	2,4,6-TRINITROTOLUENE	0.135	0.27	UG/G
SC-21214-S	3/24/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-21215-S	3/24/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-21216-S	3/17/2000	2,4,6-TRINITROTOLUENE	0.145	0.29	UG/G
SC-21217-S	3/24/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-21218-S	3/24/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-21219-S	3/24/2000	2,4,6-TRINITROTOLUENE	0.065	0.13	UG/G
SC-21220-S	4/1/1999	2,4,6-TRINITROTOLUENE	0.0034	0.0068	UG/G
SC-21305-S	3/17/2000	2,4,6-TRINITROTOLUENE	0.145	0.29	UG/G
SC-21306-S	3/17/2000	2,4,6-TRINITROTOLUENE	0.15	0.3	UG/G
SC-21313-S	3/17/2000	2,4,6-TRINITROTOLUENE	0.155	0.31	UG/G
SC-21319-S	3/17/2000	2,4,6-TRINITROTOLUENE	0.16	0.32	UG/G
SC-21501-S	3/24/2000	2,4,6-TRINITROTOLUENE	0.06	0.12	UG/G
SC-21502-S	4/1/1999	2,4,6-TRINITROTOLUENE	0.0036	0.0072	UG/G
SC-21503-S	4/1/1999	2,4,6-TRINITROTOLUENE	0.0035	0.007	UG/G
SC-21504-S	4/1/1999	2,4,6-TRINITROTOLUENE	0.0034	0.0068	UG/G
SC-21505-S	4/1/1999	2,4,6-TRINITROTOLUENE	0.00345	0.0069	UG/G
SC-21506-S	4/1/1999	2,4,6-TRINITROTOLUENE	0.0034	0.0068	UG/G
SC-21507-S	4/1/1999	2,4,6-TRINITROTOLUENE	0.00355	0.0071	UG/G
SC-21508-S	4/1/1999	2,4,6-TRINITROTOLUENE	0.0033	0.0066	UG/G
SC-21509-S	4/1/1999	2,4,6-TRINITROTOLUENE	0.00355	0.0071	UG/G
SC-21510-S	4/1/1999	2,4,6-TRINITROTOLUENE	0.0033	0.0066	UG/G
SC-21511-S	4/1/1999	2,4,6-TRINITROTOLUENE	0.0037	0.0074	UG/G
SC-21512-S	4/1/1999	2,4,6-TRINITROTOLUENE	0.0034	0.0068	UG/G
SC-21513-S	4/1/1999	2,4,6-TRINITROTOLUENE	0.0036	0.0072	UG/G
SC-21514-S	4/1/1999	2,4,6-TRINITROTOLUENE	0.00355	0.0071	UG/G
SC-21515-S	4/1/1999	2,4,6-TRINITROTOLUENE	0.00345	0.0069	UG/G
SC-21516-S	4/1/1999	2,4,6-TRINITROTOLUENE	0.0035	0.007	UG/G
SC-21518-S	4/1/1999	2,4,6-TRINITROTOLUENE	0.0033	0.0066	UG/G
SC-21519-S	4/1/1999	2,4,6-TRINITROTOLUENE	0.00385	0.0077	UG/G
SC-21520-S	4/1/1999	2,4,6-TRINITROTOLUENE	0.00365	0.0073	UG/G
SC-21601-S	4/1/1999	2,4,6-TRINITROTOLUENE	0.00345	0.0069	UG/G
SC-21602-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.00335	0.0067	UG/G
SC-21603-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.00305	0.0061	UG/G
SC-21604-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.0034	0.0068	UG/G
SC-21605-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.00345	0.0069	UG/G
SC-21606-S	4/1/1999	2,4,6-TRINITROTOLUENE	0.0035	0.007	UG/G
SC-21607-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.0034	0.0068	UG/G
SC-21608-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.00345	0.0069	UG/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21609-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.0032	0.0064	UG/G
SC-21610-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.00335	0.0067	UG/G
SC-21611-S	4/1/1999	2,4,6-TRINITROTOLUENE	0.029	0.0068	UG/G
SC-21612-S	4/1/1999	2,4,6-TRINITROTOLUENE	0.034	0.007	UG/G
SC-21613-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.0033	0.0066	UG/G
SC-21614-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.0035	0.007	UG/G
SC-21615-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.0032	0.0064	UG/G
SC-21616-S	4/1/1999	2,4,6-TRINITROTOLUENE	0.049	0.0076	UG/G
SC-21617-S	4/1/1999	2,4,6-TRINITROTOLUENE	0.00355	0.0071	UG/G
SC-21618-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.00325	0.0065	UG/G
SC-21619-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.0032	0.0064	UG/G
SC-21620-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.00355	0.0071	UG/G
SC-21701-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.0034	0.0068	UG/G
SC-21702-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.0031	0.0062	UG/G
SC-21703-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.0036	0.0072	UG/G
SC-21704-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.0031	0.0062	UG/G
SC-21705-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.0033	0.0066	UG/G
SC-21706-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.00345	0.0069	UG/G
SC-21707-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.0036	0.0072	UG/G
SC-21708-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.18	0.028	UG/G
SC-21709-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.014	0.028	UG/G
SC-21710-S	4/2/1999	2,4,6-TRINITROTOLUENE	0.014	0.028	UG/G
SC-19802-S	5/2/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-19803-S	5/2/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-19807-S	5/2/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-19808-S	5/2/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-19812-S	4/5/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-19813-S	4/5/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-19817-S	3/31/2000	2,4-DINITROTOLUENE	0.145	0.29	UG/G
SC-19818-S	4/5/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-19901-S	8/3/1999	2,4-DINITROTOLUENE	0.014	0.028	UG/G
SC-19902-S	8/3/1999	2,4-DINITROTOLUENE	0.0135	0.027	UG/G
SC-19903-S	7/30/1999	2,4-DINITROTOLUENE	0.0135	0.027	UG/G
SC-19904-S	7/30/1999	2,4-DINITROTOLUENE	0.0135	0.027	UG/G
SC-19905-S	8/3/1999	2,4-DINITROTOLUENE	0.0125	0.025	UG/G
SC-19906-S	8/3/1999	2,4-DINITROTOLUENE	0.015	0.03	UG/G
SC-19907-S	7/30/1999	2,4-DINITROTOLUENE	0.013	0.026	UG/G
SC-19908-S	7/30/1999	2,4-DINITROTOLUENE	0.013	0.026	UG/G
SC-19909-S	8/3/1999	2,4-DINITROTOLUENE	0.0145	0.029	UG/G
SC-19910-S	8/3/1999	2,4-DINITROTOLUENE	0.0145	0.029	UG/G
SC-19911-S	7/30/1999	2,4-DINITROTOLUENE	0.013	0.026	UG/G
SC-19912-S	3/31/2000	2,4-DINITROTOLUENE	0.165	0.33	UG/G
SC-19913-S	8/3/1999	2,4-DINITROTOLUENE	0.0125	0.025	UG/G
SC-19914-S	8/3/1999	2,4-DINITROTOLUENE	0.014	0.028	UG/G
SC-19915-S	3/31/2000	2,4-DINITROTOLUENE	0.155	0.31	UG/G
SC-19916-S	3/31/2000	2,4-DINITROTOLUENE	0.16	0.32	UG/G
SC-19917-S	8/3/1999	2,4-DINITROTOLUENE	0.0135	0.027	UG/G
SC-19918-S	3/31/2000	2,4-DINITROTOLUENE	0.15	0.3	UG/G
SC-19919-S	3/31/2000	2,4-DINITROTOLUENE	0.15	0.3	UG/G
SC-19920-S	3/31/2000	2,4-DINITROTOLUENE	0.15	0.3	UG/G
SC-20001-S	8/3/1999	2,4-DINITROTOLUENE	0.0145	0.029	UG/G
SC-20002-S	8/3/1999	2,4-DINITROTOLUENE	0.0145	0.029	UG/G
SC-20003-S	8/3/1999	2,4-DINITROTOLUENE	0.0145	0.029	UG/G
SC-20004-S	8/3/1999	2,4-DINITROTOLUENE	0.0135	0.027	UG/G
SC-20005-S	8/3/1999	2,4-DINITROTOLUENE	0.0135	0.027	UG/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20006-S	8/31/1999	2,4-DINITROTOLUENE	0.014	0.028	UG/G
SC-20007-S	8/3/1999	2,4-DINITROTOLUENE	0.0145	0.029	UG/G
SC-20008-S	8/3/1999	2,4-DINITROTOLUENE	0.014	0.028	UG/G
SC-20009-S	8/3/1999	2,4-DINITROTOLUENE	0.0135	0.027	UG/G
SC-20010-S	8/3/1999	2,4-DINITROTOLUENE	0.014	0.028	UG/G
SC-20011-S	8/26/1999	2,4-DINITROTOLUENE	0.0125	0.025	UG/G
SC-20012-S	8/26/1999	2,4-DINITROTOLUENE	0.0135	0.027	UG/G
SC-20013-S	8/3/1999	2,4-DINITROTOLUENE	0.013	0.026	UG/G
SC-20014-S	8/3/1999	2,4-DINITROTOLUENE	0.014	0.028	UG/G
SC-20015-S	8/3/1999	2,4-DINITROTOLUENE	0.0145	0.029	UG/G
SC-20016-S	8/26/1999	2,4-DINITROTOLUENE	0.015	0.03	UG/G
SC-20017-S	8/26/1999	2,4-DINITROTOLUENE	0.014	0.028	UG/G
SC-20018-S	8/3/1999	2,4-DINITROTOLUENE	0.0135	0.027	UG/G
SC-20019-S	8/3/1999	2,4-DINITROTOLUENE	0.013	0.026	UG/G
SC-20020-S	8/3/1999	2,4-DINITROTOLUENE	0.013	0.026	UG/G
SC-20401-S	8/31/1999	2,4-DINITROTOLUENE	0.0135	0.027	UG/G
SC-20402-S	8/26/1999	2,4-DINITROTOLUENE	0.014	0.028	UG/G
SC-20403-S	8/26/1999	2,4-DINITROTOLUENE	0.013	0.026	UG/G
SC-20404-S	8/3/1999	2,4-DINITROTOLUENE	0.0125	0.025	UG/G
SC-20405-S	8/3/1999	2,4-DINITROTOLUENE	0.0135	0.027	UG/G
SC-20406-S	8/31/1999	2,4-DINITROTOLUENE	0.0135	0.027	UG/G
SC-20407-S	8/31/1999	2,4-DINITROTOLUENE	0.013	0.026	UG/G
SC-20408-S	8/26/1999	2,4-DINITROTOLUENE	0.0125	0.025	UG/G
SC-20409-S	8/26/1999	2,4-DINITROTOLUENE	0.0135	0.027	UG/G
SC-20410-S	8/26/1999	2,4-DINITROTOLUENE	0.0135	0.027	UG/G
SC-20412-S	8/31/1999	2,4-DINITROTOLUENE	0.014	0.028	UG/G
SC-20413-S	8/26/1999	2,4-DINITROTOLUENE	0.013	0.026	UG/G
SC-20414-S	8/26/1999	2,4-DINITROTOLUENE	0.015	0.03	UG/G
SC-20414-S-RS	3/24/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-20415-S	8/26/1999	2,4-DINITROTOLUENE	0.013	0.026	UG/G
SC-20415-S-RS	3/24/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-20417-S	8/31/1999	2,4-DINITROTOLUENE	0.013	0.026	UG/G
SC-20418-S	8/31/1999	2,4-DINITROTOLUENE	0.0125	0.025	UG/G
SC-20419-S	3/17/2000	2,4-DINITROTOLUENE	0.145	0.29	UG/G
SC-20420-S	3/17/2000	2,4-DINITROTOLUENE	0.15	0.3	UG/G
SC-20501-S	3/31/2000	2,4-DINITROTOLUENE	0.145	0.29	UG/G
SC-20501-U	4/26/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-20502-S	3/31/2000	2,4-DINITROTOLUENE	0.15	0.3	UG/G
SC-20503-S	8/26/1999	2,4-DINITROTOLUENE	0.0135	0.027	UG/G
SC-20503-S-RS	3/24/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-20504-S	3/31/2000	2,4-DINITROTOLUENE	0.15	0.3	UG/G
SC-20505-S	3/31/2000	2,4-DINITROTOLUENE	0.14	0.28	UG/G
SC-20506-S	3/31/2000	2,4-DINITROTOLUENE	0.155	0.31	UG/G
SC-20507-S	3/31/2000	2,4-DINITROTOLUENE	0.155	0.31	UG/G
SC-20508-S	3/31/2000	2,4-DINITROTOLUENE	0.15	0.3	UG/G
SC-20509-S	3/24/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-20510-S	3/17/2000	2,4-DINITROTOLUENE	0.145	0.29	UG/G
SC-20511-S	3/17/2000	2,4-DINITROTOLUENE	0.15	0.3	UG/G
SC-20512-S	3/17/2000	2,4-DINITROTOLUENE	0.16	0.32	UG/G
SC-20513-S	3/31/2000	2,4-DINITROTOLUENE	0.165	0.33	UG/G
SC-20514-S	3/31/2000	2,4-DINITROTOLUENE	0.145	0.29	UG/G
SC-20515-S	3/17/2000	2,4-DINITROTOLUENE	0.145	0.29	UG/G
SC-20516-S	3/17/2000	2,4-DINITROTOLUENE	0.16	0.32	UG/G
SC-20517-S	3/17/2000	2,4-DINITROTOLUENE	0.15	0.3	UG/G
SC-20518-S	3/17/2000	2,4-DINITROTOLUENE	0 155	0.31	UG/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20519-S	3/17/2000	2,4-DINITROTOLUENE	0.145	0.29	UG/G
SC-20520-S	3/31/2000	2,4-DINITROTOLUENE	0.16	0.32	UG/G
SC-20601-S	3/31/2000	2,4-DINITROTOLUENE	0.145	0.29	UG/G
SC-20602-S	3/31/2000	2,4-DINITROTOLUENE	0.145	0.29	UG/G
SC-20603-S	3/31/2000	2,4-DINITROTOLUENE	0.15	0.3	UG/G
SC-20604-S	3/31/2000	2,4-DINITROTOLUENE	0.145	0.29	UG/G
SC-20605-S	3/31/2000	2,4-DINITROTOLUENE	0.15	0.3	UG/G
SC-20606-S	3/31/2000	2,4-DINITROTOLUENE	0.15	0.3	UG/G
SC-20607-S	3/31/2000	2,4-DINITROTOLUENE	0.145	0.29	UG/G
SC-20608-S	3/31/2000	2,4-DINITROTOLUENE	0.145	0.29	UG/G
SC-20609-S	3/29/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-20610-S	3/31/2000	2,4-DINITROTOLUENE	0.155	0.31	UG/G
SC-20611-S	3/31/2000	2,4-DINITROTOLUENE	0.155	0.31	UG/G
SC-20612-S	3/29/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-20613-S	3/29/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-20614-S	3/29/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-20615-S	3/29/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-20616-S	3/29/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-20617-S	3/29/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-20618-S	3/29/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-20619-S	3/29/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-20620-S	3/29/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-20621-S	3/29/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-20702-S	3/29/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-20705-S	3/29/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-20706-S	3/29/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-20713-S	3/29/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-20716-S	4/6/2000	2,4-DINITROTOLUENE	0.145	0.29	UG/G
SC-20905-S	4/19/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-20906-S	4/19/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-20908-S	4/26/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-20909-S	4/19/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-20910-S	4/19/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-20913-S	4/19/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-20914-S	4/26/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-20917-S	4/26/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-20918-C	4/26/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-20918-S	4/26/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-21001-S	4/6/1999	2,4-DINITROTOLUENE	0.0035	0.007	UG/G
SC-21002-S	4/6/1999	2,4-DINITROTOLUENE	0.0035	0.007	UG/G
SC-21003-S	4/6/1999	2,4-DINITROTOLUENE	0.0035	0.007	UG/G
SC-21004-S	4/6/1999	2,4-DINITROTOLUENE	0.0036	0.0072	UG/G
SC-21004-S-RS	3/13/2000	2,4-DINITROTOLUENE	0.16	0.32	UG/G
SC-21005-S-RS	3/13/2000	2,4-DINITROTOLUENE	0.155	0.31	UG/G
SC-21006-S	4/6/1999	2,4-DINITROTOLUENE	0.00325	0.0065	UG/G
SC-21007-S	4/6/1999	2,4-DINITROTOLUENE	0.0034	0.0068	UG/G
SC-21008-S	4/6/1999	2,4-DINITROTOLUENE	0.00325	0.0065	UG/G
SC-21009-S	4/6/1999	2,4-DINITROTOLUENE	0.0036	0.0072	UG/G
SC-21010-S-RS	3/13/2000	2,4-DINITROTOLUENE	0.155	0.31	UG/G
SC-21011-S	4/6/1999	2,4-DINITROTOLUENE	0.0036	0.0072	UG/G
SC-21012-S	4/6/1999	2,4-DINITROTOLUENE	0.00345	0.0069	UG/G
SC-21013-S	4/2/1999	2,4-DINITROTOLUENE	0.0034	0.0068	UG/G
SC-21014-S	4/2/1999	2,4-DINITROTOLUENE	0.0034	0.0068	UG/G
SC-21015-S	4/2/1999	2,4-DINITROTOLUENE	0.0033	0.0066	UG/G
SC-21016-S	4/2/1999	2,4-DINITROTOLUENE	0.00315	0.0063	UG/G

APPENDIX B WP-437 RU22 FINAL DATA

WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21017-S	4/2/1999	2,4-DINITROTOLUENE	0.003	0.006	UG/G
SC-21018-S	4/2/1999	2,4-DINITROTOLUENE	0.00335	0.0067	UG/G
SC-21019-S	4/2/1999	2,4-DINITROTOLUENE	0.0036	0.0072	UG/G
SC-21020-S	4/2/1999	2,4-DINITROTOLUENE	0.0034	0.0068	UG/G
SC-21101-S	3/29/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-21102-S	3/29/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-21103-S	3/29/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-21104-S	4/6/1999	2,4-DINITROTOLUENE	0.0036	0.0072	UG/G
SC-21105-S	4/6/1999	2,4-DINITROTOLUENE	0.00325	0.0065	UG/G
SC-21106-S	3/29/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-21107-S	4/2/1999	2,4-DINITROTOLUENE	0.0032	0.0064	UG/G
SC-21107-S-RS	4/12/2000	2,4-DINITROTOLUENE	0.15	0.3	UG/G
SC-21108-S	6/15/1999	2,4-DINITROTOLUENE	0.0155	0.031	UG/G
SC-21109-S	4/6/1999	2,4-DINITROTOLUENE	0.0033	0.0066	UG/G
SC-21110-S	4/6/1999	2,4-DINITROTOLUENE	0.003	0.006	UG/G
SC-21111-S	4/2/1999	2,4-DINITROTOLUENE	0.0031	0.0062	UG/G
SC-21112-S	4/2/1999	2,4-DINITROTOLUENE	0.0034	0.0068	UG/G
SC-21113-S	4/2/1999	2,4-DINITROTOLUENE	0.003	0.006	UG/G
SC-21114-S	4/2/1999	2,4-DINITROTOLUENE	0.0036	0.0072	UG/G
SC-21115-S	4/2/1999	2,4-DINITROTOLUENE	0.0034	0.0068	UG/G
SC-21116-S	4/1/1999	2,4-DINITROTOLUENE	0.0031	0.0062	UG/G
SC-21117-S	4/2/1999	2,4-DINITROTOLUENE	0.0032	0.0064	UG/G
SC-21118-S	4/2/1999	2,4-DINITROTOLUENE	0.00335	0.0067	UG/G
SC-21119-S	4/2/1999	2,4-DINITROTOLUENE	0.00315	0.0063	UG/G
SC-21120-S	4/2/1999	2,4-DINITROTOLUENE	0.0033	0.0066	UG/G
SC-21201-S	3/17/2000	2,4-DINITROTOLUENE	0.16	0.32	UG/G
SC-21201-U	4/14/2000	2,4-DINITROTOLUENE	0.15	0.3	UG/G
SC-21202-S	3/17/2000	2,4-DINITROTOLUENE	0.15	0.3	UG/G
SC-21203-S	3/17/2000	2,4-DINITROTOLUENE	0.15	0.3	UG/G
SC-21204-S	3/17/2000	2,4-DINITROTOLUENE	0.145	0.29	UG/G
SC-21205-S	3/29/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-21206-S	3/17/2000	2,4-DINITROTOLUENE	0.15	0.3	UG/G
SC-21207-S	3/17/2000	2,4-DINITROTOLUENE	0.145	0.29	UG/G
SC-21208-S	3/17/2000	2,4-DINITROTOLUENE	0.16	0.32	UG/G
SC-21209-S	3/17/2000	2,4-DINITROTOLUENE	0.155	0.31	UG/G
SC-21210-S	3/29/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-21211-S	3/17/2000	2,4-DINITROTOLUENE	0.15	0.3	UG/G
SC-21212-S	3/17/2000	2,4-DINITROTOLUENE	0.165	0.33	UG/G
SC-21213-S	3/17/2000	2,4-DINITROTOLUENE	0.135	0.27	UG/G
SC-21214-S	3/24/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-21215-S	3/24/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-21216-S	3/17/2000	2,4-DINITROTOLUENE	0.145	0.29	UG/G
SC-21217-S	3/24/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-21218-S	3/24/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-21219-S	3/24/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-21220-S	4/1/1999	2,4-DINITROTOLUENE	0.0034	0.0068	UG/G
SC-21305-S	3/17/2000	2,4-DINITROTOLUENE	0.145	0.29	UG/G
SC-21306-S	3/17/2000	2,4-DINITROTOLUENE	0.15	0.3	UG/G
SC-21313-S	3/17/2000	2,4-DINITROTOLUENE	0.155	0.31	UG/G
SC-21319-S	3/17/2000	2,4-DINITROTOLUENE	0.16	0.32	UG/G
SC-21501-S	3/24/2000	2,4-DINITROTOLUENE	0.06	0.12	UG/G
SC-21502-S	4/1/1999	2,4-DINITROTOLUENE	0.0036	0.0072	UG/G
SC-21503-S	4/1/1999	2,4-DINITROTOLUENE	0.0035	0.007	UG/G
SC-21504-S	4/1/1999	2,4-DINITROTOLUENE	0.0034	0.0068	UG/G
SC-21505-S	4/1/1999	2,4-DINITROTOLUENE	0.00345	0.0069	UG/G

APPENDIX B WP-437 RU22 FINAL DATA

WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21506-S	4/1/1999	2,4-DINITROTOLUENE	0.0034	0.0068	UG/G
SC-21507-S	4/1/1999	2,4-DINITROTOLUENE	0.00355	0.0071	UG/G
SC-21508-S	4/1/1999	2,4-DINITROTOLUENE	0.0033	0.0066	UG/G
SC-21509-S	4/1/1999	2,4-DINITROTOLUENE	0.00355	0.0071	UG/G
SC-21510-S	4/1/1999	2,4-DINITROTOLUENE	0.0033	0.0066	UG/G
SC-21511-S	4/1/1999	2,4-DINITROTOLUENE	0.0037	0.0074	UG/G
SC-21512-S	4/1/1999	2,4-DINITROTOLUENE	0.0034	0.0068	UG/G
SC-21513-S	4/1/1999	2,4-DINITROTOLUENE	0.0036	0.0072	UG/G
SC-21514-S	4/1/1999	2,4-DINITROTOLUENE	0.00355	0.0071	UG/G
SC-21515-S	4/1/1999	2,4-DINITROTOLUENE	0.00345	0.0069	UG/G
SC-21516-S	4/1/1999	2,4-DINITROTOLUENE	0.0035	0.007	UG/G
SC-21518-S	4/1/1999	2,4-DINITROTOLUENE	0.0033	0.0066	UG/G
SC-21519-S	4/1/1999	2,4-DINITROTOLUENE	0.00385	0.0077	UG/G
SC-21520-S	4/1/1999	2,4-DINITROTOLUENE	0.00365	0.0073	UG/G
SC-21601-S	4/1/1999	2,4-DINITROTOLUENE	0.00345	0.0069	UG/G
SC-21602-S	4/2/1999	2,4-DINITROTOLUENE	0.00335	0.0067	UG/G
SC-21603-S	4/2/1999	2,4-DINITROTOLUENE	0.00305	0.0061	UG/G
SC-21604-S	4/2/1999	2,4-DINITROTOLUENE	0.0034	0.0068	UG/G
SC-21605-S	4/2/1999	2,4-DINITROTOLUENE	0.00345	0.0069	UG/G
SC-21606-S	4/1/1999	2,4-DINITROTOLUENE	0.0035	0.007	UG/G
SC-21607-S	4/2/1999	2,4-DINITROTOLUENE	0.0034	0.0068	UG/G
SC-21608-S	4/2/1999	2,4-DINITROTOLUENE	0.00345	0.0069	UG/G
SC-21609-S	4/2/1999	2,4-DINITROTOLUENE	0.0032	0.0064	UG/G
SC-21610-S	4/2/1999	2,4-DINITROTOLUENE	0.00335	0.0067	UG/G
SC-21611-S	4/1/1999	2,4-DINITROTOLUENE	0.0034	0.0068	UG/G
SC-21612-S	4/1/1999	2,4-DINITROTOLUENE	0.0035	0.007	UG/G
SC-21613-S	4/2/1999	2,4-DINITROTOLUENE	0.0033	0.0066	UG/G
SC-21614-S	4/2/1999	2,4-DINITROTOLUENE	0.0035	0.007	UG/G
SC-21615-S	4/2/1999	2,4-DINITROTOLUENE	0.0032	0.0064	UG/G
SC-21616-S	4/1/1999	2,4-DINITROTOLUENE	0.0038	0.0076	UG/G
SC-21617-S	4/1/1999	2,4-DINITROTOLUENE	0.00355	0.0071	UG/G
SC-21618-S	4/2/1999	2,4-DINITROTOLUENE	0.00325	0.0065	UG/G
SC-21619-S	4/2/1999	2,4-DINITROTOLUENE	0.0032	0.0064	UG/G
SC-21620-S	4/2/1999	2,4-DINITROTOLUENE	0.00355	0.0071	UG/G
SC-21701-S	4/2/1999	2,4-DINITROTOLUENE	0.0034	0.0068	UG/G
SC-21702-S	4/2/1999	2,4-DINITROTOLUENE	0.0031	0.0062	UG/G
SC-21703-S	4/2/1999	2,4-DINITROTOLUENE	0.0036	0.0072	UG/G
SC-21704-S	4/2/1999	2,4-DINITROTOLUENE	0.0031	0.0062	UG/G
SC-21705-S	4/2/1999	2,4-DINITROTOLUENE	0.0033	0.0066	UG/G
SC-21706-S	4/2/1999	2,4-DINITROTOLUENE	0.00345	0.0069	UG/G
SC-21707-S	4/2/1999	2,4-DINITROTOLUENE	0.0036	0.0072	UG/G
SC-21708-S	4/2/1999	2,4-DINITROTOLUENE	0.014	0.028	UG/G
SC-21709-S	4/2/1999	2,4-DINITROTOLUENE	0.014	0.028	UG/G
SC-21710-S	4/2/1999	2,4-DINITROTOLUENE	0.014	0.028	UG/G
SC-21004-S-RS	3/13/2000	AROCLOR-1016	21	42	UG/KG
SC-19718-S	5/1/2000	AROCLOR-1248	18	36	UG/KG
SC-19719-S	5/1/2000	AROCLOR-1248	53	38	UG/KG
SC-19720-S	5/1/2000	AROCLOR-1248	130	36	UG/KG
SC-19725-S	2/29/2000	AROCLOR-1248	20	40	UG/KG
SC-19726-S	2/29/2000	AROCLOR-1248	20.5	41	UG/KG
SC-19727-S	4/29/2000	AROCLOR-1248	50	39	UG/KG
SC-19728-S	4/29/2000	AROCLOR-1248	20	40	UG/KG
SC-20101-C	6/30/1999	AROCLOR-1248	20	40	UG/KG
SC-20102-S	6/30/1999	AROCLOR-1248	20	40	UG/KG
SC-20103-S	6/30/1999	AROCLOR-1248	20	40	UG/KG

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20105-S	6/30/1999	AROCLOR-1248	19.5	39	UG/KG
SC-20106-S	6/30/1999	AROCLOR-1248	20	40	UG/KG
SC-20107-S	6/30/1999	AROCLOR-1248	19.5	39	UG/KG
SC-20108-C	6/30/1999	AROCLOR-1248	20	40	UG/KG
SC-20109-S	6/30/1999	AROCLOR-1248	20	40	UG/KG
SC-20110-S	6/30/1999	AROCLOR-1248	20.5	41	UG/KG
SC-20111-S	6/30/1999	AROCLOR-1248	20	40	UG/KG
SC-20113-S	6/30/1999	AROCLOR-1248	22.5	45	UG/KG
SC-20114-S	6/30/1999	AROCLOR-1248	20	40	UG/KG
SC-20115-S	6/30/1999	AROCLOR-1248	20	40	UG/KG
SC-20116-S	6/30/1999	AROCLOR-1248	20.5	41	UG/KG
SC-20117-C	6/30/1999	AROCLOR-1248	21	42	UG/KG
SC-20119-S	7/19/1999	AROCLOR-1248	18	36	UG/KG
SC-20120-S	7/19/1999	AROCLOR-1248	20	40	UG/KG
SC-20121-S	6/30/1999	AROCLOR-1248	21	42	UG/KG
SC-20124-C	7/19/1999	AROCLOR-1248	21.5	43	UG/KG
SC-20125-C	6/30/1999	AROCLOR-1248	21.5	43	UG/KG
SC-20201-S	6/30/1999	AROCLOR-1248	19.5	39	UG/KG
SC-20204-S	6/30/1999	AROCLOR-1248	19.5	39	UG/KG
SC-20205-S	6/30/1999	AROCLOR-1248	19	38	UG/KG
SC-20207-S	6/30/1999	AROCLOR-1248	20	40	UG/KG
SC-20208-S	6/30/1999	AROCLOR-1248	21	42	UG/KG
SC-20209-S	6/30/1999	AROCLOR-1248	20	40	UG/KG
SC-20210-S	6/30/1999	AROCLOR-1248	20	40	UG/KG
SC-20211-S	6/30/1999	AROCLOR-1248	20	40	UG/KG
SC-20212-S	6/30/1999	AROCLOR-1248	19.5	39	UG/KG
SC-20213-S	6/30/1999	AROCLOR-1248	20.5	41	UG/KG
SC-20214-S	6/30/1999	AROCLOR-1248	20	40	UG/KG
SC-20215-S	6/30/1999	AROCLOR-1248	20	40	UG/KG
SC-20216-S	6/30/1999	AROCLOR-1248	20.5	41	UG/KG
SC-20218-S	7/19/1999	AROCLOR-1248	19	38	UG/KG
SC-20219-S	7/19/1999	AROCLOR-1248	23	46	UG/KG
SC-20220-C	7/19/1999	AROCLOR-1248	19.5	39	UG/KG
SC-20309-S	6/30/1999	AROCLOR-1248	20	40	UG/KG
SC-20310-S	6/30/1999	AROCLOR-1248	21	42	UG/KG
SC-20313-S	6/30/1999	AROCLOR-1248	20.5	41	UG/KG
SC-20314-S	6/30/1999	AROCLOR-1248	20	40	UG/KG
SC-20315-S	6/30/1999	AROCLOR-1248	20	40	UG/KG
SC-20317-S	7/19/1999	AROCLOR-1248	20.5	41	UG/KG
SC-20419-S	3/17/2000	AROCLOR-1248	19.5	39	UG/KG
SC-20420-S	3/17/2000	AROCLOR-1248	19.5	39	UG/KG
SC-20501-U	4/26/2000	AROCLOR-1248	21	42	UG/KG
SC-20510-S	3/17/2000	AROCLOR-1248	19.5	39	UG/KG
SC-20511-S	3/17/2000	AROCLOR-1248	20	40	UG/KG
SC-20512-S	3/17/2000	AROCLOR-1248	21.5	43	UG/KG
SC-20515-S	3/17/2000	AROCLOR-1248	19	38	UG/KG
SC-20516-S	3/17/2000	AROCLOR-1248	21.5	43	UG/KG
SC-20517-S	3/17/2000	AROCLOR-1248	19.5	39	UG/KG
SC-20518-S	3/17/2000	AROCLOR-1248	20.5	41	UG/KG
SC-20519-S	3/17/2000	AROCLOR-1248	19	38	UG/KG
SC-20702-S	3/29/2000	AROCLOR-1248	19	38	UG/KG
SC-20703-S	3/29/2000	AROCLOR-1248	19.5	39	UG/KG
SC-20705-S	3/29/2000	AROCLOR-1248	19.5	39	UG/KG
SC-20706-S	3/29/2000	AROCLOR-1248	19.5	39	UG/KG
SC-20801-C	2/29/2000	AROCLOR-1248	22	44	UG/KG

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20801-S	2/29/2000	AROCLOR-1248	19.5	39	UG/KG
SC-20801-S-RS	4/14/2000	AROCLOR-1248	20	40	UG/KG
SC-20802-S	4/29/2000	AROCLOR-1248	54	36	UG/KG
SC-20803-S	4/29/2000	AROCLOR-1248	190	380	UG/KG
SC-20817-S	4/21/2000	AROCLOR-1248	20.5	41	UG/KG
SC-20818-S	4/19/2000	AROCLOR-1248	20	40	UG/KG
SC-20819-S	4/19/2000	AROCLOR-1248	20	40	UG/KG
SC-20820-S-RS	3/13/2000	AROCLOR-1248	20	40	UG/KG
SC-20821-S-RS	3/13/2000	AROCLOR-1248	20.5	41	UG/KG
SC-20822-S-RS	3/13/2000	AROCLOR-1248	20	40	UG/KG
SC-20823-C	4/19/2000	AROCLOR-1248	20	40	UG/KG
SC-20823-S	4/19/2000	AROCLOR-1248	20	40	UG/KG
SC-20824-S	4/19/2000	AROCLOR-1248	19.5	39	UG/KG
SC-20901-C	4/19/2000	AROCLOR-1248	19.5	39	UG/KG
SC-20901-S	4/19/2000	AROCLOR-1248	20.5	41	UG/KG
SC-20902-C	4/19/2000	AROCLOR-1248	19.5	39	UG/KG
SC-20902-S	4/19/2000	AROCLOR-1248	19.5	39	UG/KG
SC-20903-S	4/19/2000	AROCLOR-1248	20.5	41	UG/KG
SC-20904-S	4/19/2000	AROCLOR-1248	20.5	41	UG/KG
SC-20905-S	4/19/2000	AROCLOR-1248	20	40	UG/KG
SC-20906-S	4/19/2000	AROCLOR-1248	20	40	UG/KG
SC-20908-S	4/26/2000	AROCLOR-1248	19	38	UG/KG
SC-20909-S	4/19/2000	AROCLOR-1248	20	40	UG/KG
SC-20910-S	4/19/2000	AROCLOR-1248	20	40	UG/KG
SC-20913-S	4/19/2000	AROCLOR-1248	19.5	39	UG/KG
SC-20914-S	4/26/2000	AROCLOR-1248	20.5	41	UG/KG
SC-20917-S	4/26/2000	AROCLOR-1248	20	40	UG/KG
SC-20918-C	4/26/2000	AROCLOR-1248	22.5	45	UG/KG
SC-20918-S	4/26/2000	AROCLOR-1248	20.5	41	UG/KG
SC-21004-S-RS	3/13/2000	AROCLOR-1248	21	42	UG/KG
SC-21005-S-RS	3/13/2000	AROCLOR-1248	20	40	UG/KG
SC-21010-S-RS	3/13/2000	AROCLOR-1248	20.5	41	UG/KG
SC-21101-S	3/29/2000	AROCLOR-1248	20.5	41	UG/KG
SC-21102-S	3/29/2000	AROCLOR-1248	21	42	UG/KG
SC-21103-S	3/29/2000	AROCLOR-1248	20.5	41	UG/KG
SC-21104-S	4/6/1999	AROCLOR-1248	20	40	UG/KG
SC-21105-S	4/6/1999	AROCLOR-1248	18.5	37	UG/KG
SC-21106-S	3/29/2000	AROCLOR-1248	21	42	UG/KG
SC-21107-S	4/2/1999	AROCLOR-1248	19	38	UG/KG
SC-21107-S-RS	4/12/2000	AROCLOR-1248	19.5	39	UG/KG
SC-21108-S	6/15/1999	AROCLOR-1248	21	42	UG/KG
SC-21109-S	4/6/1999	AROCLOR-1248	20	40	UG/KG
SC-21110-S	4/6/1999	AROCLOR-1248	18.5	37	UG/KG
SC-21111-S	4/2/1999	AROCLOR-1248	17	34	UG/KG
SC-21112-S	4/2/1999	AROCLOR-1248	19	38	UG/KG
SC-21113-S	4/2/1999	AROCLOR-1248	17.5	35	UG/KG
SC-21114-S	4/2/1999	AROCLOR-1248	20	40	UG/KG
SC-21115-S	4/2/1999	AROCLOR-1248	19.5	39	UG/KG
SC-21116-S	4/1/1999	AROCLOR-1248	17	34	UG/KG
SC-21117-S	4/2/1999	AROCLOR-1248	18	36	UG/KG
SC-21118-S	4/2/1999	AROCLOR-1248	19	38	UG/KG
SC-21119-S	4/2/1999	AROCLOR-1248	18	36	UG/KG
SC-21120-S	4/2/1999	AROCLOR-1248	19	38	UG/KG
SC-21201-S	3/17/2000	AROCLOR-1248	21	42	UG/KG
SC-21201-U	4/14/2000	AROCLOR-1248	20	40	UG/KG

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21202-S	3/17/2000	AROCLOR-1248	20	40	UG/KG
SC-21203-S	3/17/2000	AROCLOR-1248	20	40	UG/KG
SC-21204-S	3/17/2000	AROCLOR-1248	19.5	39	UG/KG
SC-21205-S	3/29/2000	AROCLOR-1248	19.5	39	UG/KG
SC-21206-S	3/17/2000	AROCLOR-1248	19.5	39	UG/KG
SC-21207-S	3/17/2000	AROCLOR-1248	19.5	39	UG/KG
SC-21208-S	3/17/2000	AROCLOR-1248	21	42	UG/KG
SC-21209-S	3/17/2000	AROCLOR-1248	20.5	41	UG/KG
SC-21210-S	3/29/2000	AROCLOR-1248	19	38	UG/KG
SC-21211-S	3/17/2000	AROCLOR-1248	20	40	UG/KG
SC-21212-S	3/17/2000	AROCLOR-1248	22	44	UG/KG
SC-21213-S	3/17/2000	AROCLOR-1248	18	36	UG/KG
SC-21214-S	3/24/2000	AROCLOR-1248	19	38	UG/KG
SC-21215-S	3/24/2000	AROCLOR-1248	20	40	UG/KG
SC-21216-S	3/17/2000	AROCLOR-1248	19.5	39	UG/KG
SC-21217-S	3/24/2000	AROCLOR-1248	18.5	37	UG/KG
SC-21218-S	3/24/2000	AROCLOR-1248	20	40	UG/KG
SC-21219-S	3/24/2000	AROCLOR-1248	20	40	UG/KG
SC-21220-S	4/1/1999	AROCLOR-1248	19	38	UG/KG
SC-21305-S	3/17/2000	AROCLOR-1248	19.5	39	UG/KG
SC-21306-S	3/17/2000	AROCLOR-1248	19.5	39	UG/KG
SC-21313-S	3/17/2000	AROCLOR-1248	20.5	41	UG/KG
SC-21319-S	3/17/2000	AROCLOR-1248	21	42	UG/KG
SC-21406-S	3/24/2000	AROCLOR-1248	20	40	UG/KG
SC-21412-S	4/1/1999	AROCLOR-1248	20	40	UG/KG
SC-21501-S	3/24/2000	AROCLOR-1248	19.5	39	UG/KG
SC-21502-S	4/1/1999	AROCLOR-1248	20	40	UG/KG
SC-21503-S	4/1/1999	AROCLOR-1248	19.5	39	UG/KG
SC-21504-S	4/1/1999	AROCLOR-1248	18.5	37	UG/KG
SC-21505-S	4/1/1999	AROCLOR-1248	19.5	39	UG/KG
SC-21506-S	4/1/1999	AROCLOR-1248	19.5	39	UG/KG
SC-21507-S	4/1/1999	AROCLOR-1248	19.5	39	UG/KG
SC-21508-S	4/1/1999	AROCLOR-1248	19	38	UG/KG
SC-21509-S	4/1/1999	AROCLOR-1248	20	40	UG/KG
SC-21510-S	4/1/1999	AROCLOR-1248	19	38	UG/KG
SC-21511-S	4/1/1999	AROCLOR-1248	20	40	UG/KG
SC-21512-S	4/1/1999	AROCLOR-1248	19	38	UG/KG
SC-21513-S	4/1/1999	AROCLOR-1248	20.5	41	UG/KG
SC-21514-S	4/1/1999	AROCLOR-1248	19.5	39	UG/KG
SC-21515-S	4/1/1999	AROCLOR-1248	19	38	UG/KG
SC-21516-S	4/1/1999	AROCLOR-1248	20	40	UG/KG
SC-21518-S	4/1/1999	AROCLOR-1248	19	38	UG/KG
SC-21519-S	4/1/1999	AROCLOR-1248	21	42	UG/KG
SC-21520-S	4/1/1999	AROCLOR-1248	20.5	41	UG/KG
SC-21601-S	4/1/1999	AROCLOR-1248	19	38	UG/KG
SC-21602-S	4/2/1999	AROCLOR-1248	19	38	UG/KG
SC-21603-S	4/2/1999	AROCLOR-1248	17.5	35	UG/KG
SC-21604-S	4/2/1999	AROCLOR-1248	19	38	UG/KG
SC-21605-S	4/2/1999	AROCLOR-1248	19.5	39	UG/KG
SC-21606-S	4/1/1999	AROCLOR-1248	19.5	39	UG/KG
SC-21607-S	4/2/1999	AROCLOR-1248	20	40	UG/KG
SC-21608-S	4/2/1999	AROCLOR-1248	20	40	UG/KG
SC-21609-S	4/2/1999	AROCLOR-1248	18	36	UG/KG
SC-21610-S	4/2/1999	AROCLOR-1248	19.5	39	UG/KG
SC-21611-S	4/1/1999	AROCLOR-1248	19.5	39	UG/KG

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21612-S	4/1/1999	AROCLOR-1248	19.5	39	UG/KG
SC-21613-S	4/2/1999	AROCLOR-1248	19	38	UG/KG
SC-21614-S	4/2/1999	AROCLOR-1248	20	40	UG/KG
SC-21615-S	4/2/1999	AROCLOR-1248	19	38	UG/KG
SC-21616-S	4/1/1999	AROCLOR-1248	21	42	UG/KG
SC-21617-S	4/1/1999	AROCLOR-1248	20	40	UG/KG
SC-21618-S	4/2/1999	AROCLOR-1248	19	38	UG/KG
SC-21619-S	4/2/1999	AROCLOR-1248	19	38	UG/KG
SC-21620-S	4/2/1999	AROCLOR-1248	20.5	41	UG/KG
SC-21903-S	4/1/1999	AROCLOR-1248	19.5	39	UG/KG
SC-21904-S	4/1/1999	AROCLOR-1248	18	36	UG/KG
SC-21905-S	4/1/1999	AROCLOR-1248	20	40	UG/KG
SC-21909-S	4/1/1999	AROCLOR-1248	18.5	37	UG/KG
SC-21910-S	4/1/1999	AROCLOR-1248	20.5	41	UG/KG
SC-21911-S	4/1/1999	AROCLOR-1248	20	40	UG/KG
SC-21916-S	4/1/1999	AROCLOR-1248	19.5	39	UG/KG
SC-21917-S	4/1/1999	AROCLOR-1248	20	40	UG/KG
SC-19718-S	5/1/2000	AROCLOR-1254	18	36	UG/KG
SC-19719-S	5/1/2000	AROCLOR-1254	19	38	UG/KG
SC-19720-S	5/1/2000	AROCLOR-1254	18	36	UG/KG
SC-19725-S	2/29/2000	AROCLOR-1254	20	40	UG/KG
SC-19726-S	2/29/2000	AROCLOR-1254	20.5	41	UG/KG
SC-19727-S	4/29/2000	AROCLOR-1254	19.5	39	UG/KG
SC-19728-S	4/29/2000	AROCLOR-1254	20	40	UG/KG
SC-20101-C	6/30/1999	AROCLOR-1254	20	40	UG/KG
SC-20102-S	6/30/1999	AROCLOR-1254	20	40	UG/KG
SC-20103-S	6/30/1999	AROCLOR-1254	20	40	UG/KG
SC-20105-S	6/30/1999	AROCLOR-1254	19.5	39	UG/KG
SC-20106-S	6/30/1999	AROCLOR-1254	20	40	UG/KG
SC-20107-S	6/30/1999	AROCLOR-1254	19.5	39	UG/KG
SC-20108-C	6/30/1999	AROCLOR-1254	20	40	UG/KG
SC-20109-S	6/30/1999	AROCLOR-1254	20	40	UG/KG
SC-20110-S	6/30/1999	AROCLOR-1254	20.5	41	UG/KG
SC-20111-S	6/30/1999	AROCLOR-1254	20	40	UG/KG
SC-20113-S	6/30/1999	AROCLOR-1254	22.5	45	UG/KG
SC-20114-S	6/30/1999	AROCLOR-1254	20	40	UG/KG
SC-20115-S	6/30/1999	AROCLOR-1254	20	40	UG/KG
SC-20116-S	6/30/1999	AROCLOR-1254	20.5	41	UG/KG
SC-20117-C	6/30/1999	AROCLOR-1254	21	42	UG/KG
SC-20119-S	7/19/1999	AROCLOR-1254	18	36	UG/KG
SC-20120-S	7/19/1999	AROCLOR-1254	20	40	UG/KG
SC-20121-S	6/30/1999	AROCLOR-1254	21	42	UG/KG
SC-20124-C	7/19/1999	AROCLOR-1254	21.5	43	UG/KG
SC-20125-C	6/30/1999	AROCLOR-1254	21.5	43	UG/KG
SC-20201-S	6/30/1999	AROCLOR-1254	89	39	UG/KG
SC-20204-S	6/30/1999	AROCLOR-1254	19.5	39	UG/KG
SC-20205-S	6/30/1999	AROCLOR-1254	19	38	UG/KG
SC-20207-S	6/30/1999	AROCLOR-1254	20	40	UG/KG
SC-20208-S	6/30/1999	AROCLOR-1254	21	42	UG/KG
SC-20209-S	6/30/1999	AROCLOR-1254	20	40	UG/KG
SC-20210-S	6/30/1999	AROCLOR-1254	20	40	UG/KG
SC-20211-S	6/30/1999	AROCLOR-1254	20	40	UG/KG
SC-20212-S	6/30/1999	AROCLOR-1254	19.5	39	UG/KG
SC-20213-S	6/30/1999	AROCLOR-1254	20.5	41	UG/KG
SC-20214-S	6/30/1999	AROCLOR-1254	20	40	UG/KG

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20215-S	6/30/1999	AROCLOR-1254	20	40	UG/KG
SC-20216-S	6/30/1999	AROCLOR-1254	20.5	41	UG/KG
SC-20218-S	7/19/1999	AROCLOR-1254	19	38	UG/KG
SC-20219-S	7/19/1999	AROCLOR-1254	23	46	UG/KG
SC-20220-C	7/19/1999	AROCLOR-1254	19.5	39	UG/KG
SC-20309-S	6/30/1999	AROCLOR-1254	20	40	UG/KG
SC-20310-S	6/30/1999	AROCLOR-1254	21	42	UG/KG
SC-20313-S	6/30/1999	AROCLOR-1254	20.5	41	UG/KG
SC-20314-S	6/30/1999	AROCLOR-1254	20	40	UG/KG
SC-20315-S	6/30/1999	AROCLOR-1254	20	40	UG/KG
SC-20317-S	7/19/1999	AROCLOR-1254	20.5	41	UG/KG
SC-20419-S	3/17/2000	AROCLOR-1254	19.5	39	UG/KG
SC-20420-S	3/17/2000	AROCLOR-1254	19.5	39	UG/KG
SC-20501-U	4/26/2000	AROCLOR-1254	21	42	UG/KG
SC-20510-S	3/17/2000	AROCLOR-1254	19.5	39	UG/KG
SC-20511-S	3/17/2000	AROCLOR-1254	20	40	UG/KG
SC-20512-S	3/17/2000	AROCLOR-1254	21.5	43	UG/KG
SC-20515-S	3/17/2000	AROCLOR-1254	19	38	UG/KG
SC-20516-S	3/17/2000	AROCLOR-1254	21.5	43	UG/KG
SC-20517-S	3/17/2000	AROCLOR-1254	19.5	39	UG/KG
SC-20518-S	3/17/2000	AROCLOR-1254	20.5	41	UG/KG
SC-20519-S	3/17/2000	AROCLOR-1254	19	38	UG/KG
SC-20702-S	3/29/2000	AROCLOR-1254	19	38	UG/KG
SC-20703-S	3/29/2000	AROCLOR-1254	19.5	39	UG/KG
SC-20705-S	3/29/2000	AROCLOR-1254	19.5	39	UG/KG
SC-20706-S	3/29/2000	AROCLOR-1254	19.5	39	UG/KG
SC-20801-C	2/29/2000	AROCLOR-1254	22	44	UG/KG
SC-20801-S	2/29/2000	AROCLOR-1254	19.5	39	UG/KG
SC-20801-S-RS	4/14/2000	AROCLOR-1254	20	40	UG/KG
SC-20802-S	4/29/2000	AROCLOR-1254	18	36	UG/KG
SC-20803-S	4/29/2000	AROCLOR-1254	190	380	UG/KG
SC-20817-S	4/21/2000	AROCLOR-1254	20.5	41	UG/KG
SC-20818-S	4/19/2000	AROCLOR-1254	20	40	UG/KG
SC-20819-S	4/19/2000	AROCLOR-1254	20	40	UG/KG
SC-20820-S-RS	3/13/2000	AROCLOR-1254	20	40	UG/KG
SC-20821-S-RS	3/13/2000	AROCLOR-1254	20 5	41	UG/KG
SC-20822-S-RS	3/13/2000	AROCLOR-1254	20	40	UG/KG
SC-20823-C	4/19/2000	AROCLOR-1254	20	40	UG/KG
SC-20823-S	4/19/2000	AROCLOR-1254	20	40	UG/KG
SC-20824-S	4/19/2000	AROCLOR-1254	19 5	39	UG/KG
SC-20901-C	4/19/2000	AROCLOR-1254	19.5	39	UG/KG
SC-20901-S	4/19/2000	AROCLOR-1254	20.5	41	UG/KG
SC-20902-C	4/19/2000	AROCLOR-1254	19.5	39	UG/KG
SC-20902-S	4/19/2000	AROCLOR-1254	19.5	39	UG/KG
SC-20903-S	4/19/2000	AROCLOR-1254	20.5	41	UG/KG
SC-20904-S	4/19/2000	AROCLOR-1254	20.5	41	UG/KG
SC-20905-S	4/19/2000	AROCLOR-1254	20	40	UG/KG
SC-20906-S	4/19/2000	AROCLOR-1254	20	40	UG/KG
SC-20908-S	4/26/2000	AROCLOR-1254	19	38	UG/KG
SC-20909-S	4/19/2000	AROCLOR-1254	20	40	UG/KG
SC-20910-S	4/19/2000	AROCLOR-1254	20	40	UG/KG
SC-20913-S	4/19/2000	AROCLOR-1254	19.5	39	UG/KG
SC-20914-S	4/26/2000	AROCLOR-1254	20.5	41	UG/KG
SC-20917-S	4/26/2000	AROCLOR-1254	20	40	UG/KG
SC-20918-C	4/26/2000	AROCLOR-1254	22.5	45	UG/KG

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20918-S	4/26/2000	AROCLOR-1254	20.5	41	UG/KG
SC-21004-S-RS	3/13/2000	AROCLOR-1254	21	42	UG/KG
SC-21005-S-RS	3/13/2000	AROCLOR-1254	20	40	UG/KG
SC-21010-S-RS	3/13/2000	AROCLOR-1254	20.5	41	UG/KG
SC-21101-S	3/29/2000	AROCLOR-1254	20.5	41	UG/KG
SC-21102-S	3/29/2000	AROCLOR-1254	21	42	UG/KG
SC-21103-S	3/29/2000	AROCLOR-1254	20.5	41	UG/KG
SC-21104-S	4/6/1999	AROCLOR-1254	20	40	UG/KG
SC-21105-S	4/6/1999	AROCLOR-1254	18.5	37	UG/KG
SC-21106-S	3/29/2000	AROCLOR-1254	21	42	UG/KG
SC-21107-S	4/2/1999	AROCLOR-1254	19	38	UG/KG
SC-21107-S-RS	4/12/2000	AROCLOR-1254	19.5	39	UG/KG
SC-21108-S	6/15/1999	AROCLOR-1254	21	42	UG/KG
SC-21109-S	4/6/1999	AROCLOR-1254	20	40	UG/KG
SC-21110-S	4/6/1999	AROCLOR-1254	18.5	37	UG/KG
SC-21111-S	4/2/1999	AROCLOR-1254	17	34	UG/KG
SC-21112-S	4/2/1999	AROCLOR-1254	19	38	UG/KG
SC-21113-S	4/2/1999	AROCLOR-1254	17.5	35	UG/KG
SC-21114-S	4/2/1999	AROCLOR-1254	20	40	UG/KG
SC-21115-S	4/2/1999	AROCLOR-1254	19.5	39	UG/KG
SC-21116-S	4/1/1999	AROCLOR-1254	17	34	UG/KG
SC-21117-S	4/2/1999	AROCLOR-1254	18	36	UG/KG
SC-21118-S	4/2/1999	AROCLOR-1254	19	38	UG/KG
SC-21119-S	4/2/1999	AROCLOR-1254	18	36	UG/KG
SC-21120-S	4/2/1999	AROCLOR-1254	19	38	UG/KG
SC-21201-S	3/17/2000	AROCLOR-1254	21	42	UG/KG
SC-21201-U	4/14/2000	AROCLOR-1254	20	40	UG/KG
SC-21202-S	3/17/2000	AROCLOR-1254	20	40	UG/KG
SC-21203-S	3/17/2000	AROCLOR-1254	20	40	UG/KG
SC-21204-S	3/17/2000	AROCLOR-1254	19.5	39	UG/KG
SC-21205-S	3/29/2000	AROCLOR-1254	19.5	39	UG/KG
SC-21206-S	3/17/2000	AROCLOR-1254	19.5	39	UG/KG
SC-21207-S	3/17/2000	AROCLOR-1254	19.5	39	UG/KG
SC-21208-S	3/17/2000	AROCLOR-1254	21	42	UG/KG
SC-21209-S	3/17/2000	AROCLOR-1254	20.5	41	UG/KG
SC-21210-S	3/29/2000	AROCLOR-1254	19	38	UG/KG
SC-21211-S	3/17/2000	AROCLOR-1254	20	40	UG/KG
SC-21212-S	3/17/2000	AROCLOR-1254	22	44	UG/KG
SC-21213-S	3/17/2000	AROCLOR-1254	18	36	UG/KG
SC-21214-S	3/24/2000	AROCLOR-1254	19	38	UG/KG
SC-21215-S	3/24/2000	AROCLOR-1254	20	40	UG/KG
SC-21216-S	3/17/2000	AROCLOR-1254	19.5	39	UG/KG
SC-21217-S	3/24/2000	AROCLOR-1254	18.5	37	UG/KG
SC-21218-S	3/24/2000	AROCLOR-1254	20	40	UG/KG
SC-21219-S	3/24/2000	AROCLOR-1254	20	40	UG/KG
SC-21220-S	4/1/1999	AROCLOR-1254	19	38	UG/KG
SC-21305-S	3/17/2000	AROCLOR-1254	19.5	39	UG/KG
SC-21306-S	3/17/2000	AROCLOR-1254	19.5	39	UG/KG
SC-21313-S	3/17/2000	AROCLOR-1254	20.5	41	UG/KG
SC-21319-S	3/17/2000	AROCLOR-1254	21	42	UG/KG
SC-21406-S	3/24/2000	AROCLOR-1254	20	40	UG/KG
SC-21412-S	4/1/1999	AROCLOR-1254	20	40	UG/KG
SC-21501-S	3/24/2000	AROCLOR-1254	19.5	39	UG/KG
SC-21502-S	4/1/1999	AROCLOR-1254	20	40	UG/KG
SC-21503-S	4/1/1999	AROCLOR-1254	19.5	39	UG/KG

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21504-S	4/1/1999	AROCLOR-1254	18.5	37	UG/KG
SC-21505-S	4/1/1999	AROCLOR-1254	19.5	39	UG/KG
SC-21506-S	4/1/1999	AROCLOR-1254	19.5	39	UG/KG
SC-21507-S	4/1/1999	AROCLOR-1254	19.5	39	UG/KG
SC-21508-S	4/1/1999	AROCLOR-1254	19	38	UG/KG
SC-21509-S	4/1/1999	AROCLOR-1254	20	40	UG/KG
SC-21510-S	4/1/1999	AROCLOR-1254	19	38	UG/KG
SC-21511-S	4/1/1999	AROCLOR-1254	20	40	UG/KG
SC-21512-S	4/1/1999	AROCLOR-1254	19	38	UG/KG
SC-21513-S	4/1/1999	AROCLOR-1254	20.5	41	UG/KG
SC-21514-S	4/1/1999	AROCLOR-1254	19.5	39	UG/KG
SC-21515-S	4/1/1999	AROCLOR-1254	43	38	UG/KG
SC-21516-S	4/1/1999	AROCLOR-1254	20	40	UG/KG
SC-21518-S	4/1/1999	AROCLOR-1254	19	38	UG/KG
SC-21519-S	4/1/1999	AROCLOR-1254	21	42	UG/KG
SC-21520-S	4/1/1999	AROCLOR-1254	20.5	41	UG/KG
SC-21601-S	4/1/1999	AROCLOR-1254	19	38	UG/KG
SC-21602-S	4/2/1999	AROCLOR-1254	19	38	UG/KG
SC-21603-S	4/2/1999	AROCLOR-1254	17.5	35	UG/KG
SC-21604-S	4/2/1999	AROCLOR-1254	19	38	UG/KG
SC-21605-S	4/2/1999	AROCLOR-1254	19.5	39	UG/KG
SC-21606-S	4/1/1999	AROCLOR-1254	19.5	39	UG/KG
SC-21607-S	4/2/1999	AROCLOR-1254	20	40	UG/KG
SC-21608-S	4/2/1999	AROCLOR-1254	20	40	UG/KG
SC-21609-S	4/2/1999	AROCLOR-1254	18	36	UG/KG
SC-21610-S	4/2/1999	AROCLOR-1254	19.5	39	UG/KG
SC-21611-S	4/1/1999	AROCLOR-1254	19.5	39	UG/KG
SC-21612-S	4/1/1999	AROCLOR-1254	19.5	39	UG/KG
SC-21613-S	4/2/1999	AROCLOR-1254	19	38	UG/KG
SC-21614-S	4/2/1999	AROCLOR-1254	20	40	UG/KG
SC-21615-S	4/2/1999	AROCLOR-1254	19	38	UG/KG
SC-21616-S	4/1/1999	AROCLOR-1254	21	42	UG/KG
SC-21617-S	4/1/1999	AROCLOR-1254	20	40	UG/KG
SC-21618-S	4/2/1999	AROCLOR-1254	19	38	UG/KG
SC-21619-S	4/2/1999	AROCLOR-1254	19	38	UG/KG
SC-21620-S	4/2/1999	AROCLOR-1254	20.5	41	UG/KG
SC-21903-S	4/1/1999	AROCLOR-1254	49	39	UG/KG
SC-21904-S	4/1/1999	AROCLOR-1254	96	36	UG/KG
SC-21905-S	4/1/1999	AROCLOR-1254	20	40	UG/KG
SC-21909-S	4/1/1999	AROCLOR-1254	18.5	37	UG/KG
SC-21910-S	4/1/1999	AROCLOR-1254	99	41	UG/KG
SC-21911-S	4/1/1999	AROCLOR-1254	20	40	UG/KG
SC-21916-S	4/1/1999	AROCLOR-1254	19.5	39	UG/KG
SC-21917-S	4/1/1999	AROCLOR-1254	20	40	UG/KG
SC-19718-S	5/1/2000	AROCLOR-1260	18	36	UG/KG
SC-19719-S	5/1/2000	AROCLOR-1260	19	38	UG/KG
SC-19720-S	5/1/2000	AROCLOR-1260	18	36	UG/KG
SC-19725-S	2/29/2000	AROCLOR-1260	20	40	UG/KG
SC-19726-S	2/29/2000	AROCLOR-1260	20.5	41	UG/KG
SC-19727-S	4/29/2000	AROCLOR-1260	19.5	39	UG/KG
SC-19728-S	4/29/2000	AROCLOR-1260	51	40	UG/KG
SC-20101-C	6/30/1999	AROCLOR-1260	20	40	UG/KG
SC-20102-S	6/30/1999	AROCLOR-1260	20	40	UG/KG
SC-20103-S	6/30/1999	AROCLOR-1260	20	40	UG/KG
SC-20105-S	6/30/1999	AROCLOR-1260	19.5	39	UG/KG

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20106-S	6/30/1999	AROCLOR-1260	20	40	UG/KG
SC-20107-S	6/30/1999	AROCLOR-1260	19.5	39	UG/KG
SC-20108-C	6/30/1999	AROCLOR-1260	20	40	UG/KG
SC-20109-S	6/30/1999	AROCLOR-1260	20	40	UG/KG
SC-20110-S	6/30/1999	AROCLOR-1260	20.5	41	UG/KG
SC-20111-S	6/30/1999	AROCLOR-1260	20	40	UG/KG
SC-20113-S	6/30/1999	AROCLOR-1260	22.5	45	UG/KG
SC-20114-S	6/30/1999	AROCLOR-1260	20	40	UG/KG
SC-20115-S	6/30/1999	AROCLOR-1260	20	40	UG/KG
SC-20116-S	6/30/1999	AROCLOR-1260	20.5	41	UG/KG
SC-20117-C	6/30/1999	AROCLOR-1260	21	42	UG/KG
SC-20119-S	7/19/1999	AROCLOR-1260	18	36	UG/KG
SC-20120-S	7/19/1999	AROCLOR-1260	20	40	UG/KG
SC-20121-S	6/30/1999	AROCLOR-1260	21	42	UG/KG
SC-20124-C	7/19/1999	AROCLOR-1260	21.5	43	UG/KG
SC-20125-C	6/30/1999	AROCLOR-1260	21.5	43	UG/KG
SC-20201-S	6/30/1999	AROCLOR-1260	19.5	39	UG/KG
SC-20204-S	6/30/1999	AROCLOR-1260	19.5	39	UG/KG
SC-20205-S	6/30/1999	AROCLOR-1260	19	38	UG/KG
SC-20207-S	6/30/1999	AROCLOR-1260	20	40	UG/KG
SC-20208-S	6/30/1999	AROCLOR-1260	21	42	UG/KG
SC-20209-S	6/30/1999	AROCLOR-1260	20	40	UG/KG
SC-20210-S	6/30/1999	AROCLOR-1260	20	40	UG/KG
SC-20211-S	6/30/1999	AROCLOR-1260	20	40	UG/KG
SC-20212-S	6/30/1999	AROCLOR-1260	19.5	39	UG/KG
SC-20213-S	6/30/1999	AROCLOR-1260	20.5	41	UG/KG
SC-20214-S	6/30/1999	AROCLOR-1260	20	40	UG/KG
SC-20215-S	6/30/1999	AROCLOR-1260	20	40	UG/KG
SC-20216-S	6/30/1999	AROCLOR-1260	20.5	41	UG/KG
SC-20218-S	7/19/1999	AROCLOR-1260	19	38	UG/KG
SC-20219-S	7/19/1999	AROCLOR-1260	23	46	UG/KG
SC-20220-C	7/19/1999	AROCLOR-1260	19.5	39	UG/KG
SC-20309-S	6/30/1999	AROCLOR-1260	20	40	UG/KG
SC-20310-S	6/30/1999	AROCLOR-1260	21	42	UG/KG
SC-20313-S	6/30/1999	AROCLOR-1260	20.5	41	UG/KG
SC-20314-S	6/30/1999	AROCLOR-1260	20	40	UG/KG
SC-20315-S	6/30/1999	AROCLOR-1260	20	40	UG/KG
SC-20317-S	7/19/1999	AROCLOR-1260	20.5	41	UG/KG
SC-20419-S	3/17/2000	AROCLOR-1260	19.5	39	UG/KG
SC-20420-S	3/17/2000	AROCLOR-1260	19.5	39	UG/KG
SC-20501-U	4/26/2000	AROCLOR-1260	21	42	UG/KG
SC-20510-S	3/17/2000	AROCLOR-1260	19.5	39	UG/KG
SC-20511-S	3/17/2000	AROCLOR-1260	20	40	UG/KG
SC-20512-S	3/17/2000	AROCLOR-1260	21.5	43	UG/KG
SC-20515-S	3/17/2000	AROCLOR-1260	19	38	UG/KG
SC-20516-S	3/17/2000	AROCLOR-1260	21.5	43	UG/KG
SC-20517-S	3/17/2000	AROCLOR-1260	19.5	39	UG/KG
SC-20518-S	3/17/2000	AROCLOR-1260	20.5	41	UG/KG
SC-20519-S	3/17/2000	AROCLOR-1260	19	38	UG/KG
SC-20702-S	3/29/2000	AROCLOR-1260	19	38	UG/KG
SC-20703-S	3/29/2000	AROCLOR-1260	19.5	39	UG/KG
SC-20705-S	3/29/2000	AROCLOR-1260	19.5	39	UG/KG
SC-20706-S	3/29/2000	AROCLOR-1260	19.5	39	UG/KG
SC-20801-C	2/29/2000	AROCLOR-1260	22	44	UG/KG
SC-20801-S	2/29/2000	AROCLOR-1260	19.5	39	UG/KG

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20801-S-RS	4/14/2000	AROCLOR-1260	20	40	UG/KG
SC-20802-S	4/29/2000	AROCLOR-1260	18	36	UG/KG
SC-20803-S	4/29/2000	AROCLOR-1260	760	380	UG/KG
SC-20817-S	4/21/2000	AROCLOR-1260	20.5	41	UG/KG
SC-20818-S	4/19/2000	AROCLOR-1260	20	40	UG/KG
SC-20819-S	4/19/2000	AROCLOR-1260	20	40	UG/KG
SC-20820-S-RS	3/13/2000	AROCLOR-1260	20	40	UG/KG
SC-20821-S-RS	3/13/2000	AROCLOR-1260	20.5	41	UG/KG
SC-20822-S-RS	3/13/2000	AROCLOR-1260	20	40	UG/KG
SC-20823-C	4/19/2000	AROCLOR-1260	20	40	UG/KG
SC-20823-S	4/19/2000	AROCLOR-1260	20	40	UG/KG
SC-20824-S	4/19/2000	AROCLOR-1260	19.5	39	UG/KG
SC-20901-C	4/19/2000	AROCLOR-1260	19.5	39	UG/KG
SC-20901-S	4/19/2000	AROCLOR-1260	20.5	41	UG/KG
SC-20902-C	4/19/2000	AROCLOR-1260	19.5	39	UG/KG
SC-20902-S	4/19/2000	AROCLOR-1260	19.5	39	UG/KG
SC-20903-S	4/19/2000	AROCLOR-1260	20.5	41	UG/KG
SC-20904-S	4/19/2000	AROCLOR-1260	20.5	41	UG/KG
SC-20905-S	4/19/2000	AROCLOR-1260	20	40	UG/KG
SC-20906-S	4/19/2000	AROCLOR-1260	20	40	UG/KG
SC-20908-S	4/26/2000	AROCLOR-1260	19	38	UG/KG
SC-20909-S	4/19/2000	AROCLOR-1260	20	40	UG/KG
SC-20910-S	4/19/2000	AROCLOR-1260	20	40	UG/KG
SC-20913-S	4/19/2000	AROCLOR-1260	19.5	39	UG/KG
SC-20914-S	4/26/2000	AROCLOR-1260	20.5	41	UG/KG
SC-20917-S	4/26/2000	AROCLOR-1260	20	40	UG/KG
SC-20918-C	4/26/2000	AROCLOR-1260	22.5	45	UG/KG
SC-20918-S	4/26/2000	AROCLOR-1260	20.5	41	UG/KG
SC-21004-S-RS	3/13/2000	AROCLOR-1260	21	42	UG/KG
SC-21005-S-RS	3/13/2000	AROCLOR-1260	20	40	UG/KG
SC-21010-S-RS	3/13/2000	AROCLOR-1260	20 5	41	UG/KG
SC-21101-S	3/29/2000	AROCLOR-1260	20.5	41	UG/KG
SC-21102-S	3/29/2000	AROCLOR-1260	21	42	UG/KG
SC-21103-S	3/29/2000	AROCLOR-1260	20.5	41	UG/KG
SC-21104-S	4/6/1999	AROCLOR-1260	20	40	UG/KG
SC-21105-S	4/6/1999	AROCLOR-1260	18.5	37	UG/KG
SC-21106-S	3/29/2000	AROCLOR-1260	21	42	UG/KG
SC-21107-S	4/2/1999	AROCLOR-1260	19	38	UG/KG
SC-21107-S-RS	4/12/2000	AROCLOR-1260	19.5	39	UG/KG
SC-21108-S	6/15/1999	AROCLOR-1260	21	42	UG/KG
SC-21109-S	4/6/1999	AROCLOR-1260	20	40	UG/KG
SC-21110-S	4/6/1999	AROCLOR-1260	18.5	37	UG/KG
SC-21111-S	4/2/1999	AROCLOR-1260	17	34	UG/KG
SC-21112-S	4/2/1999	AROCLOR-1260	19	38	UG/KG
SC-21113-S	4/2/1999	AROCLOR-1260	17.5	35	UG/KG
SC-21114-S	4/2/1999	AROCLOR-1260	20	40	UG/KG
SC-21115-S	4/2/1999	AROCLOR-1260	19.5	39	UG/KG
SC-21116-S	4/1/1999	AROCLOR-1260	17	34	UG/KG
SC-21117-S	4/2/1999	AROCLOR-1260	18	36	UG/KG
SC-21118-S	4/2/1999	AROCLOR-1260	19	38	UG/KG
SC-21119-S	4/2/1999	AROCLOR-1260	18	36	UG/KG
SC-21120-S	4/2/1999	AROCLOR-1260	19	38	UG/KG
SC-21201-S	3/17/2000	AROCLOR-1260	21	42	UG/KG
SC-21201-U	4/14/2000	AROCLOR-1260	20	40	UG/KG
SC-21202-S	3/17/2000	AROCLOR-1260	20	40	UG/KG

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21203-S	3/17/2000	AROCLOR-1260	20	40	UG/KG
SC-21204-S	3/17/2000	AROCLOR-1260	19.5	39	UG/KG
SC-21205-S	3/29/2000	AROCLOR-1260	19.5	39	UG/KG
SC-21206-S	3/17/2000	AROCLOR-1260	19.5	39	UG/KG
SC-21207-S	3/17/2000	AROCLOR-1260	19.5	39	UG/KG
SC-21208-S	3/17/2000	AROCLOR-1260	21	42	UG/KG
SC-21209-S	3/17/2000	AROCLOR-1260	20.5	41	UG/KG
SC-21210-S	3/29/2000	AROCLOR-1260	19	38	UG/KG
SC-21211-S	3/17/2000	AROCLOR-1260	20	40	UG/KG
SC-21212-S	3/17/2000	AROCLOR-1260	22	44	UG/KG
SC-21213-S	3/17/2000	AROCLOR-1260	18	36	UG/KG
SC-21214-S	3/24/2000	AROCLOR-1260	19	38	UG/KG
SC-21215-S	3/24/2000	AROCLOR-1260	20	40	UG/KG
SC-21216-S	3/17/2000	AROCLOR-1260	19.5	39	UG/KG
SC-21217-S	3/24/2000	AROCLOR-1260	18.5	37	UG/KG
SC-21218-S	3/24/2000	AROCLOR-1260	20	40	UG/KG
SC-21219-S	3/24/2000	AROCLOR-1260	20	40	UG/KG
SC-21220-S	4/1/1999	AROCLOR-1260	19	38	UG/KG
SC-21305-S	3/17/2000	AROCLOR-1260	19.5	39	UG/KG
SC-21306-S	3/17/2000	AROCLOR-1260	19.5	39	UG/KG
SC-21313-S	3/17/2000	AROCLOR-1260	20.5	41	UG/KG
SC-21319-S	3/17/2000	AROCLOR-1260	21	42	UG/KG
SC-21406-S	3/24/2000	AROCLOR-1260	20	40	UG/KG
SC-21412-S	4/1/1999	AROCLOR-1260	20	40	UG/KG
SC-21501-S	3/24/2000	AROCLOR-1260	19.5	39	UG/KG
SC-21502-S	4/1/1999	AROCLOR-1260	20	40	UG/KG
SC-21503-S	4/1/1999	AROCLOR-1260	19.5	39	UG/KG
SC-21504-S	4/1/1999	AROCLOR-1260	18.5	37	UG/KG
SC-21505-S	4/1/1999	AROCLOR-1260	19.5	39	UG/KG
SC-21506-S	4/1/1999	AROCLOR-1260	19.5	39	UG/KG
SC-21507-S	4/1/1999	AROCLOR-1260	19.5	39	UG/KG
SC-21508-S	4/1/1999	AROCLOR-1260	19	38	UG/KG
SC-21509-S	4/1/1999	AROCLOR-1260	20	40	UG/KG
SC-21510-S	4/1/1999	AROCLOR-1260	19	38	UG/KG
SC-21511-S	4/1/1999	AROCLOR-1260	20	40	UG/KG
SC-21512-S	4/1/1999	AROCLOR-1260	19	38	UG/KG
SC-21513-S	4/1/1999	AROCLOR-1260	20.5	41	UG/KG
SC-21514-S	4/1/1999	AROCLOR-1260	54	39	UG/KG
SC-21515-S	4/1/1999	AROCLOR-1260	19	38	UG/KG
SC-21516-S	4/1/1999	AROCLOR-1260	20	40	UG/KG
SC-21518-S	4/1/1999	AROCLOR-1260	19	38	UG/KG
SC-21519-S	4/1/1999	AROCLOR-1260	21	42	UG/KG
SC-21520-S	4/1/1999	AROCLOR-1260	20.5	41	UG/KG
SC-21601-S	4/1/1999	AROCLOR-1260	19	38	UG/KG
SC-21602-S	4/2/1999	AROCLOR-1260	19	38	UG/KG
SC-21603-S	4/2/1999	AROCLOR-1260	17.5	35	UG/KG
SC-21604-S	4/2/1999	AROCLOR-1260	19	38	UG/KG
SC-21605-S	4/2/1999	AROCLOR-1260	19.5	39	UG/KG
SC-21606-S	4/1/1999	AROCLOR-1260	19.5	39	UG/KG
SC-21607-S	4/2/1999	AROCLOR-1260	20	40	UG/KG
SC-21608-S	4/2/1999	AROCLOR-1260	20	40	UG/KG
SC-21609-S	4/2/1999	AROCLOR-1260	18	36	UG/KG
SC-21610-S	4/2/1999	AROCLOR-1260	19.5	39	UG/KG
SC-21611-S	4/1/1999	AROCLOR-1260	19.5	39	UG/KG
SC-21612-S	4/1/1999	AROCLOR-1260	19.5	39	UG/KG

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21613-S	4/2/1999	AROCLOR-1260	19	38	UG/KG
SC-21614-S	4/2/1999	AROCLOR-1260	20	40	UG/KG
SC-21615-S	4/2/1999	AROCLOR-1260	19	38	UG/KG
SC-21616-S	4/1/1999	AROCLOR-1260	21	42	UG/KG
SC-21617-S	4/1/1999	AROCLOR-1260	20	40	UG/KG
SC-21618-S	4/2/1999	AROCLOR-1260	19	38	UG/KG
SC-21619-S	4/2/1999	AROCLOR-1260	19	38	UG/KG
SC-21620-S	4/2/1999	AROCLOR-1260	20.5	41	UG/KG
SC-21903-S	4/1/1999	AROCLOR-1260	19.5	39	UG/KG
SC-21904-S	4/1/1999	AROCLOR-1260	18	36	UG/KG
SC-21905-S	4/1/1999	AROCLOR-1260	20	40	UG/KG
SC-21909-S	4/1/1999	AROCLOR-1260	18.5	37	UG/KG
SC-21910-S	4/1/1999	AROCLOR-1260	20.5	41	UG/KG
SC-21911-S	4/1/1999	AROCLOR-1260	20	40	UG/KG
SC-21916-S	4/1/1999	AROCLOR-1260	19.5	39	UG/KG
SC-21917-S	4/1/1999	AROCLOR-1260	20	40	UG/KG
SC-18906-S	7/30/1999	ARSENIC	8.5	0.45	UG/G
SC-18911-S	7/30/1999	ARSENIC	15.2	0.45	UG/G
SC-18912-S	7/30/1999	ARSENIC	10.8	0.44	UG/G
SC-18916-S	7/30/1999	ARSENIC	5.8	0.45	UG/G
SC-18917-S	7/30/1999	ARSENIC	6.9	0.46	UG/G
SC-18918-S	7/30/1999	ARSENIC	9.2	0.43	UG/G
SC-18921-S	7/30/1999	ARSENIC	5.9	0.43	UG/G
SC-18922-S	7/30/1999	ARSENIC	4.6	0.44	UG/G
SC-18923-S	7/30/1999	ARSENIC	13.4	0.47	UG/G
SC-18924-S	9/30/1999	ARSENIC	10.9	0.39	UG/G
SC-18924-S-RS	10/5/1999	ARSENIC	10.7	0.41	UG/G
SC-19006-S	8/3/1999	ARSENIC	11.5	0.44	UG/G
SC-19007-S	8/3/1999	ARSENIC	12.2	0.45	UG/G
SC-19008-S	7/30/1999	ARSENIC	12.1	0.44	UG/G
SC-19009-S	7/30/1999	ARSENIC	9.6	0.45	UG/G
SC-19010-S	7/30/1999	ARSENIC	11.5	0.46	UG/G
SC-19011-S	8/3/1999	ARSENIC	11.1	0.47	UG/G
SC-19012-S	8/3/1999	ARSENIC	17.1	0.44	UG/G
SC-19013-S	7/30/1999	ARSENIC	11.7	0.47	UG/G
SC-19014-S	7/30/1999	ARSENIC	10.3	0.47	UG/G
SC-19015-S	7/30/1999	ARSENIC	8.1	0.46	UG/G
SC-19016-S	8/3/1999	ARSENIC	15.3	0.45	UG/G
SC-19017-S	8/3/1999	ARSENIC	11.5	0.43	UG/G
SC-19018-S	7/30/1999	ARSENIC	18.8	0.46	UG/G
SC-19019-S	7/30/1999	ARSENIC	9.2	0.46	UG/G
SC-19020-S	7/30/1999	ARSENIC	9.1	0.44	UG/G
SC-19021-C	8/3/1999	ARSENIC	9.2	0.44	UG/G
SC-19021-S	8/3/1999	ARSENIC	6.1	0.43	UG/G
SC-19022-S	8/3/1999	ARSENIC	14.4	0.45	UG/G
SC-19023-S	7/30/1999	ARSENIC	5.5	0.44	UG/G
SC-19024-S	7/30/1999	ARSENIC	5.8	0.43	UG/G
SC-19025-S	7/30/1999	ARSENIC	5	0.44	UG/G
SC-19106-S	8/5/1999	ARSENIC	9.5	0.42	UG/G
SC-19107-S	8/5/1999	ARSENIC	12.3	0.42	UG/G
SC-19108-S	8/5/1999	ARSENIC	11.6	0.43	UG/G
SC-19109-S	8/5/1999	ARSENIC	11.8	0.44	UG/G
SC-19110-S	8/5/1999	ARSENIC	10.7	0.45	UG/G
SC-19111-S	8/5/1999	ARSENIC	10.8	0.4	UG/G
SC-19112-S	8/5/1999	ARSENIC	14.2	0.41	UG/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19113-S	8/5/1999	ARSENIC	13.1	0.41	UG/G
SC-19114-S	8/5/1999	ARSENIC	20.9	0.45	UG/G
SC-19115-S	8/5/1999	ARSENIC	12	0.41	UG/G
SC-19116-S	8/5/1999	ARSENIC	10.2	0.44	UG/G
SC-19117-S	8/5/1999	ARSENIC	12.6	0.41	UG/G
SC-19118-S	8/5/1999	ARSENIC	10.3	0.45	UG/G
SC-19119-S	8/5/1999	ARSENIC	13.3	0.42	UG/G
SC-19120-S	8/5/1999	ARSENIC	10.1	0.41	UG/G
SC-19121-S	8/5/1999	ARSENIC	11	0.4	UG/G
SC-19122-S	8/5/1999	ARSENIC	10.8	0.41	UG/G
SC-19123-S	8/5/1999	ARSENIC	12.8	0.43	UG/G
SC-19124-S	8/5/1999	ARSENIC	6.4	0.43	UG/G
SC-19125-C	8/5/1999	ARSENIC	13.8	0.42	UG/G
SC-19125-S	8/5/1999	ARSENIC	8.6	0.43	UG/G
SC-19216-S	8/5/1999	ARSENIC	12.3	0.42	UG/G
SC-19220-S	8/5/1999	ARSENIC	11.8	0.43	UG/G
SC-19221-S	8/5/1999	ARSENIC	12.6	0.42	UG/G
SC-19225-S	8/5/1999	ARSENIC	10.3	0.41	UG/G
SC-19226-S	8/5/1999	ARSENIC	11.4	0.4	UG/G
SC-19227-S	8/5/1999	ARSENIC	9.9	0.41	UG/G
SC-19301-S	7/30/1999	ARSENIC	6.4	0.41	UG/G
SC-19302-S	7/30/1999	ARSENIC	6.1	0.43	UG/G
SC-19303-S	7/30/1999	ARSENIC	4.7	0.46	UG/G
SC-19304-S	4/6/2000	ARSENIC	10.6	0.53	UG/G
SC-19306-S	7/30/1999	ARSENIC	10.1	0.43	UG/G
SC-19307-S	7/30/1999	ARSENIC	5.5	0.42	UG/G
SC-19308-S	7/30/1999	ARSENIC	5.1	0.45	UG/G
SC-19309-S	7/30/1999	ARSENIC	11.2	0.43	UG/G
SC-19309-S-RS2	4/6/2000	ARSENIC	10.5	0.5	UG/G
SC-19311-S	7/30/1999	ARSENIC	6	0.45	UG/G
SC-19312-S	7/30/1999	ARSENIC	4.9	0.46	UG/G
SC-19313-S	7/30/1999	ARSENIC	7.2	0.44	UG/G
SC-19314-S	7/30/1999	ARSENIC	9.2	0.47	UG/G
SC-19316-S	7/30/1999	ARSENIC	9.2	0.42	UG/G
SC-19317-S	5/2/2000	ARSENIC	6.3	0.62	UG/G
SC-19318-S	5/2/2000	ARSENIC	4.3	0.62	UG/G
SC-19319-S	5/2/2000	ARSENIC	8.1	0.6	UG/G
SC-19320-S	4/6/2000	ARSENIC	10.6	0.54	UG/G
SC-19401-S	8/3/1999	ARSENIC	6.4	0.43	UG/G
SC-19402-S	8/3/1999	ARSENIC	8.7	0.44	UG/G
SC-19403-S	7/30/1999	ARSENIC	6.5	0.43	UG/G
SC-19404-S	7/30/1999	ARSENIC	5.1	0.42	UG/G
SC-19405-S	7/30/1999	ARSENIC	6.3	0.41	UG/G
SC-19406-S	8/3/1999	ARSENIC	7.7	0.43	UG/G
SC-19407-S	8/3/1999	ARSENIC	5.8	0.42	UG/G
SC-19408-S	7/30/1999	ARSENIC	4	0.42	UG/G
SC-19409-S	7/30/1999	ARSENIC	6.8	0.45	UG/G
SC-19410-S	7/30/1999	ARSENIC	8.9	0.4	UG/G
SC-19411-S	8/3/1999	ARSENIC	8.1	0.42	UG/G
SC-19412-S	8/3/1999	ARSENIC	10.3	0.41	UG/G
SC-19413-S	7/30/1999	ARSENIC	6.1	0.41	UG/G
SC-19414-S	7/30/1999	ARSENIC	6.1	0.44	UG/G
SC-19415-S	7/30/1999	ARSENIC	6.1	0.4	UG/G
SC-19416-S	8/3/1999	ARSENIC	10	0.43	UG/G
SC-19417-S	8/3/1999	ARSENIC	6.2	0.44	UG/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19418-S	8/3/1999	ARSENIC	8.2	0.43	UG/G
SC-19419-S	8/3/1999	ARSENIC	5 9	0.42	UG/G
SC-19420-S	7/30/1999	ARSENIC	4.6	0.4	UG/G
SC-19501-S	8/5/1999	ARSENIC	9	0.42	UG/G
SC-19502-S	8/5/1999	ARSENIC	9.9	0.41	UG/G
SC-19503-S	8/5/1999	ARSENIC	8.2	0.39	UG/G
SC-19504-S	8/5/1999	ARSENIC	5.7	0.44	UG/G
SC-19505-S	8/5/1999	ARSENIC	5.3	0.41	UG/G
SC-19506-S	8/5/1999	ARSENIC	8.4	0.41	UG/G
SC-19507-S	8/5/1999	ARSENIC	7.8	0.41	UG/G
SC-19508-S	8/5/1999	ARSENIC	8.2	0.41	UG/G
SC-19509-S	8/5/1999	ARSENIC	5.8	0.42	UG/G
SC-19510-S	8/5/1999	ARSENIC	5.3	0.43	UG/G
SC-19511-S	8/5/1999	ARSENIC	8.6	0.41	UG/G
SC-19512-S	8/5/1999	ARSENIC	8.9	0.41	UG/G
SC-19513-S	8/5/1999	ARSENIC	7.6	0.4	UG/G
SC-19514-S	8/5/1999	ARSENIC	6.6	0.4	UG/G
SC-19515-S	8/5/1999	ARSENIC	6.8	0.43	UG/G
SC-19516-S	8/5/1999	ARSENIC	8.5	0.41	UG/G
SC-19517-S	8/5/1999	ARSENIC	4.4	0.42	UG/G
SC-19518-S	8/5/1999	ARSENIC	9	0.45	UG/G
SC-19519-S	8/5/1999	ARSENIC	9	0.42	UG/G
SC-19520-S	8/5/1999	ARSENIC	5.6	0.44	UG/G
SC-19604-S	8/5/1999	ARSENIC	11	0.4	UG/G
SC-19605-S	8/5/1999	ARSENIC	11.9	0.4	UG/G
SC-19606-S	8/5/1999	ARSENIC	10.6	0.39	UG/G
SC-19610-S	8/26/1999	ARSENIC	11.6	0.41	UG/G
SC-19611-S	8/26/1999	ARSENIC	10.2	0.54	UG/G
SC-19612-S	8/5/1999	ARSENIC	11	0.41	UG/G
SC-19613-S	8/5/1999	ARSENIC	5.7	0 42	UG/G
SC-19618-S	8/26/1999	ARSENIC	8.5	0.42	UG/G
SC-19619-S	8/26/1999	ARSENIC	9.3	0.43	UG/G
SC-19620-S	8/26/1999	ARSENIC	13.6	0.45	UG/G
SC-19621-S	8/5/1999	ARSENIC	9.9	0.43	UG/G
SC-19802-S	5/2/2000	ARSENIC	7	0.69	UG/G
SC-19803-S	5/2/2000	ARSENIC	4 7	0.59	UG/G
SC-19807-S	5/2/2000	ARSENIC	3.5	0.66	UG/G
SC-19808-S	5/2/2000	ARSENIC	6.7	0.59	UG/G
SC-19812-S	4/5/2000	ARSENIC	5.2	0.58	UG/G
SC-19813-S	4/5/2000	ARSENIC	9.7	0.58	UG/G
SC-19817-S	3/31/2000	ARSENIC	7 7	0.51	UG/G
SC-19818-S	4/5/2000	ARSENIC	8.2	0.59	UG/G
SC-19901-S	8/3/1999	ARSENIC	6.4	0.43	UG/G
SC-19902-S	8/3/1999	ARSENIC	7	0.41	UG/G
SC-19903-S	7/30/1999	ARSENIC	5	0.41	UG/G
SC-19904-S	7/30/1999	ARSENIC	5.3	0.42	UG/G
SC-19905-S	8/3/1999	ARSENIC	6.1	0.4	UG/G
SC-19906-S	8/3/1999	ARSENIC	5.8	0.45	UG/G
SC-19907-S	7/30/1999	ARSENIC	5.3	0.42	UG/G
SC-19908-S	7/30/1999	ARSENIC	3.7	0.45	UG/G
SC-19909-S	8/3/1999	ARSENIC	7.1	0.44	UG/G
SC-19910-S	8/3/1999	ARSENIC	6.7	0.44	UG/G
SC-19911-S	7/30/1999	ARSENIC	3.4	0.44	UG/G
SC-19912-S	3/31/2000	ARSENIC	4.4	0.58	UG/G
SC-19913-S	8/3/1999	ARSENIC	6.8	0.41	UG/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19914-S	8/3/1999	ARSENIC	5.4	0.43	UG/G
SC-19915-S	3/31/2000	ARSENIC	2.7	0.55	UG/G
SC-19916-S	3/31/2000	ARSENIC	4.9	0.56	UG/G
SC-19917-S	8/3/1999	ARSENIC	8.1	0.42	UG/G
SC-19918-S	3/31/2000	ARSENIC	8.2	0.53	UG/G
SC-19919-S	3/31/2000	ARSENIC	10.9	0.54	UG/G
SC-19920-S	3/31/2000	ARSENIC	4.5	0.53	UG/G
SC-20001-S	8/3/1999	ARSENIC	10.8	0.44	UG/G
SC-20002-S	8/3/1999	ARSENIC	8.4	0.45	UG/G
SC-20003-S	8/3/1999	ARSENIC	7.9	0.45	UG/G
SC-20004-S	8/3/1999	ARSENIC	11.9	0.42	UG/G
SC-20005-S	8/3/1999	ARSENIC	9.6	0.42	UG/G
SC-20006-S	8/31/1999	ARSENIC	9.4	0.42	UG/G
SC-20007-S	8/3/1999	ARSENIC	9.5	0.47	UG/G
SC-20008-S	8/3/1999	ARSENIC	9.4	0.43	UG/G
SC-20009-S	8/3/1999	ARSENIC	7.6	0.42	UG/G
SC-20010-S	8/3/1999	ARSENIC	8.9	0.42	UG/G
SC-20011-S	8/26/1999	ARSENIC	7.4	0.41	UG/G
SC-20012-S	8/26/1999	ARSENIC	13	0.43	UG/G
SC-20013-S	8/3/1999	ARSENIC	8.6	0.41	UG/G
SC-20014-S	8/3/1999	ARSENIC	6.4	0.43	UG/G
SC-20015-S	8/3/1999	ARSENIC	8	0.46	UG/G
SC-20016-S	8/26/1999	ARSENIC	7.2	0.45	UG/G
SC-20017-S	8/26/1999	ARSENIC	9.3	0.43	UG/G
SC-20018-S	8/3/1999	ARSENIC	7.8	0.41	UG/G
SC-20019-S	8/3/1999	ARSENIC	6.4	0.42	UG/G
SC-20020-S	8/3/1999	ARSENIC	8.8	0.41	UG/G
SC-20101-C	6/30/1999	ARSENIC	9.8	0.46	UG/G
SC-20102-S	6/30/1999	ARSENIC	10.2	0.47	UG/G
SC-20103-S	6/30/1999	ARSENIC	7.6	0.46	UG/G
SC-20105-S	6/30/1999	ARSENIC	7.9	0.45	UG/G
SC-20106-S	6/30/1999	ARSENIC	8.4	0.46	UG/G
SC-20107-S	6/30/1999	ARSENIC	7.8	0.45	UG/G
SC-20108-C	6/30/1999	ARSENIC	6.5	0.46	UG/G
SC-20109-S	6/30/1999	ARSENIC	8.6	0.46	UG/G
SC-20110-S	6/30/1999	ARSENIC	11.6	0.47	UG/G
SC-20111-S	6/30/1999	ARSENIC	9.6	0.45	UG/G
SC-20113-S	6/30/1999	ARSENIC	7.5	0.51	UG/G
SC-20114-S	6/30/1999	ARSENIC	10.9	0.46	UG/G
SC-20115-S	6/30/1999	ARSENIC	7.8	0.46	UG/G
SC-20116-S	6/30/1999	ARSENIC	7.6	0.47	UG/G
SC-20117-C	6/30/1999	ARSENIC	7.6	0.49	UG/G
SC-20119-S	7/19/1999	ARSENIC	7.3	0.41	UG/G
SC-20120-S	7/19/1999	ARSENIC	8	0.46	UG/G
SC-20121-S	6/30/1999	ARSENIC	11.5	0.49	UG/G
SC-20124-C	7/19/1999	ARSENIC	6.2	0.5	UG/G
SC-20125-C	6/30/1999	ARSENIC	10.4	0.49	UG/G
SC-20201-S	6/30/1999	ARSENIC	8.1	0.45	UG/G
SC-20204-S	6/30/1999	ARSENIC	7.1	0.45	UG/G
SC-20205-S	6/30/1999	ARSENIC	8.3	0.44	UG/G
SC-20207-S	6/30/1999	ARSENIC	9	0.46	UG/G
SC-20208-S	6/30/1999	ARSENIC	9.9	0.48	UG/G
SC-20209-S	6/30/1999	ARSENIC	11.6	0.46	UG/G
SC-20210-S	6/30/1999	ARSENIC	9.9	0.46	UG/G
SC-20211-S	6/30/1999	ARSENIC	9	0.46	UG/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20212-S	6/30/1999	ARSENIC	7.4	0.45	UG/G
SC-20213-S	6/30/1999	ARSENIC	10.5	0.47	UG/G
SC-20214-S	6/30/1999	ARSENIC	9.7	0.46	UG/G
SC-20215-S	6/30/1999	ARSENIC	9.7	0.47	UG/G
SC-20216-S	6/30/1999	ARSENIC	8.9	0.48	UG/G
SC-20218-S	7/19/1999	ARSENIC	11.7	0.44	UG/G
SC-20219-S	7/19/1999	ARSENIC	7.6	0.54	UG/G
SC-20220-C	7/19/1999	ARSENIC	12.3	0.45	UG/G
SC-20301-S	8/26/1999	ARSENIC	9.1	0.43	UG/G
SC-20302-S	8/26/1999	ARSENIC	12.2	0.44	UG/G
SC-20303-S	8/26/1999	ARSENIC	10.4	0.42	UG/G
SC-20304-S	8/5/1999	ARSENIC	8.4	0.43	UG/G
SC-20305-S	8/31/1999	ARSENIC	10.1	0.42	UG/G
SC-20306-S	8/26/1999	ARSENIC	8.4	0.4	UG/G
SC-20307-S	8/26/1999	ARSENIC	8.3	0.4	UG/G
SC-20308-S	8/31/1999	ARSENIC	8.4	0.45	UG/G
SC-20309-S	6/30/1999	ARSENIC	10.2	0.46	UG/G
SC-20310-S	6/30/1999	ARSENIC	9.4	0.49	UG/G
SC-20311-S	8/31/1999	ARSENIC	9.3	0.42	UG/G
SC-20312-S	8/26/1999	ARSENIC	8.2	0.43	UG/G
SC-20313-S	6/30/1999	ARSENIC	8.9	0.47	UG/G
SC-20314-S	6/30/1999	ARSENIC	10	0.47	UG/G
SC-20315-S	6/30/1999	ARSENIC	10.2	0.46	UG/G
SC-20316-S	8/31/1999	ARSENIC	9.6	0.42	UG/G
SC-20317-S	7/19/1999	ARSENIC	7.9	0.47	UG/G
SC-20401-S	8/31/1999	ARSENIC	8.4	0.41	UG/G
SC-20402-S	8/26/1999	ARSENIC	10	0.43	UG/G
SC-20403-S	8/26/1999	ARSENIC	8.8	0.4	UG/G
SC-20404-S	8/3/1999	ARSENIC	7.2	0.4	UG/G
SC-20405-S	8/3/1999	ARSENIC	7.5	0.41	UG/G
SC-20406-S	8/31/1999	ARSENIC	7.7	0.42	UG/G
SC-20407-S	8/31/1999	ARSENIC	6.6	0.41	UG/G
SC-20408-S	8/26/1999	ARSENIC	8.5	0.4	UG/G
SC-20409-S	8/26/1999	ARSENIC	5.1	0.41	UG/G
SC-20410-S	8/26/1999	ARSENIC	5	0.44	UG/G
SC-20412-S	8/31/1999	ARSENIC	8.5	0.42	UG/G
SC-20413-S	8/26/1999	ARSENIC	7.8	0.4	UG/G
SC-20414-S	8/26/1999	ARSENIC	5.3	0.48	UG/G
SC-20414-S-RS	3/24/2000	ARSENIC	4.4	0.71	UG/G
SC-20415-S	8/26/1999	ARSENIC	12.4	0.41	UG/G
SC-20415-S-RS	3/24/2000	ARSENIC	5.6	0.66	UG/G
SC-20417-S	8/31/1999	ARSENIC	6.5	0.42	UG/G
SC-20418-S	8/31/1999	ARSENIC	6.4	0.4	UG/G
SC-20419-S	3/17/2000	ARSENIC	4.5	0.26	UG/G
SC-20420-S	3/17/2000	ARSENIC	5.6	0.26	UG/G
SC-20501-U	4/26/2000	ARSENIC	6	0.72	UG/G
SC-20503-S	8/26/1999	ARSENIC	10	0.45	UG/G
SC-20503-S-RS	3/24/2000	ARSENIC	9.8	0.7	UG/G
SC-20504-S	3/31/2000	ARSENIC	9.6	0.53	UG/G
SC-20505-S	3/31/2000	ARSENIC	9.8	0.5	UG/G
SC-20506-S	3/31/2000	ARSENIC	7.6	0.54	UG/G
SC-20510-S	3/17/2000	ARSENIC	6.2	0.26	UG/G
SC-20511-S	3/17/2000	ARSENIC	5.1	0.27	UG/G
SC-20512-S	3/17/2000	ARSENIC	8.7	0.28	UG/G
SC-20515-S	3/17/2000	ARSENIC	7.4	0.26	UG/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20516-S	3/17/2000	ARSENIC	7.4	0.28	UG/G
SC-20517-S	3/17/2000	ARSENIC	11.3	0.26	UG/G
SC-20518-S	3/17/2000	ARSENIC	10.9	0.27	UG/G
SC-20519-S	3/17/2000	ARSENIC	4.4	0.25	UG/G
SC-20702-S	3/29/2000	ARSENIC	5.4	0.68	UG/G
SC-20705-S	3/29/2000	ARSENIC	4.1	0.6	UG/G
SC-20706-S	3/29/2000	ARSENIC	4.5	0.65	UG/G
SC-20816-S	3/13/2000	ARSENIC	7.5	1.3	UG/G
SC-20816-S-RS	4/14/2000	ARSENIC	10.8	0.53	UG/G
SC-20817-S	4/21/2000	ARSENIC	13.8	0.7	UG/G
SC-20818-S	4/19/2000	ARSENIC	6.1	0.68	UG/G
SC-20819-S	4/19/2000	ARSENIC	10	0.68	UG/G
SC-20820-S	4/6/1999	ARSENIC	7.1	0.45	UG/G
SC-20820-S-RS	3/13/2000	ARSENIC	4.8	1.2	UG/G
SC-20821-S	4/6/1999	ARSENIC	6.5	0.44	UG/G
SC-20821-S-RS	3/13/2000	ARSENIC	3.2	1.2	UG/G
SC-20822-S	4/6/1999	ARSENIC	5.9	0.46	UG/G
SC-20822-S-RS	3/13/2000	ARSENIC	5.8	1.2	UG/G
SC-20823-C	4/19/2000	ARSENIC	5.7	0.49	UG/G
SC-20823-S	4/19/2000	ARSENIC	5.4	0.62	UG/G
SC-20824-S	4/19/2000	ARSENIC	5.2	0.61	UG/G
SC-20901-C	4/19/2000	ARSENIC	4.8	0.64	UG/G
SC-20901-S	4/19/2000	ARSENIC	4.8	0.5	UG/G
SC-20902-C	4/19/2000	ARSENIC	9.6	0.67	UG/G
SC-20902-S	4/19/2000	ARSENIC	7.1	0.67	UG/G
SC-20903-S	4/19/2000	ARSENIC	9.3	0.66	UG/G
SC-20904-S	4/19/2000	ARSENIC	5.1	0.7	UG/G
SC-20905-S	4/19/2000	ARSENIC	9.8	0.67	UG/G
SC-20906-S	4/19/2000	ARSENIC	4.3	0.6	UG/G
SC-20908-S	4/26/2000	ARSENIC	5.1	0.64	UG/G
SC-20909-S	4/19/2000	ARSENIC	7.4	0.64	UG/G
SC-20910-S	4/19/2000	ARSENIC	6.3	0.6	UG/G
SC-20913-S	4/19/2000	ARSENIC	8.5	0.65	UG/G
SC-20914-S	4/26/2000	ARSENIC	9.3	0.71	UG/G
SC-20917-S	4/26/2000	ARSENIC	6.1	0.68	UG/G
SC-20918-C	4/26/2000	ARSENIC	14.4	0.76	UG/G
SC-20918-S	4/26/2000	ARSENIC	7.5	0.7	UG/G
SC-21001-S	4/6/1999	ARSENIC	6.6	0.43	UG/G
SC-21002-S	4/6/1999	ARSENIC	7.5	0.43	UG/G
SC-21003-S	4/6/1999	ARSENIC	5.4	0.44	UG/G
SC-21004-S	4/6/1999	ARSENIC	5.5	0.45	UG/G
SC-21004-S-RS	3/13/2000	ARSENIC	8.1	1.3	UG/G
SC-21005-S	4/6/1999	ARSENIC	6.7	0.39	UG/G
SC-21005-S-RS	3/13/2000	ARSENIC	4.7	1.2	UG/G
SC-21006-S	4/6/1999	ARSENIC	6.2	0.41	UG/G
SC-21007-S	4/6/1999	ARSENIC	4.7	0.42	UG/G
SC-21008-S	4/6/1999	ARSENIC	6.2	0.41	UG/G
SC-21009-S	4/6/1999	ARSENIC	6.8	0.47	UG/G
SC-21010-S	4/6/1999	ARSENIC	6.6	0.41	UG/G
SC-21010-S-RS	3/13/2000	ARSENIC	9.7	1.3	UG/G
SC-21011-S	4/6/1999	ARSENIC	7.1	0.44	UG/G
SC-21012-S	4/6/1999	ARSENIC	5.3	0.45	UG/G
SC-21012-S-RS	6/2/1999	ARSENIC	2.7	0.45	UG/G
SC-21013-S	4/2/1999	ARSENIC	4.8	0.42	UG/G
SC-21014-S	4/2/1999	ARSENIC	6.6	0.42	UG/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21015-S	4/2/1999	ARSENIC	6.4	0.44	UG/G
SC-21016-S	4/2/1999	ARSENIC	7.8	0.41	UG/G
SC-21017-S	4/2/1999	ARSENIC	6.1	0.39	UG/G
SC-21018-S	4/2/1999	ARSENIC	6.9	0.42	UG/G
SC-21019-S	4/2/1999	ARSENIC	6.8	0.44	UG/G
SC-21020-S	4/2/1999	ARSENIC	5	0.41	UG/G
SC-21101-S	3/29/2000	ARSENIC	5.7	0.68	UG/G
SC-21102-S	3/29/2000	ARSENIC	3.9	0.67	UG/G
SC-21103-S	3/29/2000	ARSENIC	5.8	0.65	UG/G
SC-21104-S	4/6/1999	ARSENIC	8.3	0.44	UG/G
SC-21105-S	4/6/1999	ARSENIC	7	0.41	UG/G
SC-21106-S	3/29/2000	ARSENIC	2.4	0.73	UG/G
SC-21107-S	4/2/1999	ARSENIC	6.6	0.41	UG/G
SC-21107-S-RS	4/12/2000	ARSENIC	4	0.52	UG/G
SC-21108-S	6/15/1999	ARSENIC	8.8	0.45	UG/G
SC-21109-S	4/6/1999	ARSENIC	6	0.43	UG/G
SC-21110-S	4/6/1999	ARSENIC	7.1	0.4	UG/G
SC-21111-S	4/2/1999	ARSENIC	5.4	0.37	UG/G
SC-21112-S	4/2/1999	ARSENIC	8.1	0.41	UG/G
SC-21113-S	4/2/1999	ARSENIC	6.9	0.38	UG/G
SC-21114-S	4/2/1999	ARSENIC	5.3	0.44	UG/G
SC-21115-S	4/2/1999	ARSENIC	7.3	0.42	UG/G
SC-21116-S	4/1/1999	ARSENIC	5.8	0.38	UG/G
SC-21117-S	4/2/1999	ARSENIC	6.3	0.4	UG/G
SC-21118-S	4/2/1999	ARSENIC	7.5	0.41	UG/G
SC-21119-S	4/2/1999	ARSENIC	6.3	0.4	UG/G
SC-21120-S	4/2/1999	ARSENIC	6.7	0.41	UG/G
SC-21201-S	3/17/2000	ARSENIC	8.8	0.28	UG/G
SC-21201-U	4/14/2000	ARSENIC	6.6	0.54	UG/G
SC-21202-S	3/17/2000	ARSENIC	10	0.26	UG/G
SC-21203-S	3/17/2000	ARSENIC	14.1	0.27	UG/G
SC-21204-S	3/17/2000	ARSENIC	5.3	0.26	UG/G
SC-21205-S	3/29/2000	ARSENIC	6.8	0.57	UG/G
SC-21206-S	3/17/2000	ARSENIC	5.9	0.26	UG/G
SC-21207-S	3/17/2000	ARSENIC	19.7	0.26	UG/G
SC-21208-S	3/17/2000	ARSENIC	5.7	0.28	UG/G
SC-21209-S	3/17/2000	ARSENIC	4.1	0.28	UG/G
SC-21210-S	3/29/2000	ARSENIC	7.2	0.62	UG/G
SC-21211-S	3/17/2000	ARSENIC	3.3	0.27	UG/G
SC-21212-S	3/17/2000	ARSENIC	7.1	0.29	UG/G
SC-21213-S	3/17/2000	ARSENIC	9.8	0.24	UG/G
SC-21214-S	3/24/2000	ARSENIC	7.9	0.62	UG/G
SC-21215-S	3/24/2000	ARSENIC	4.7	0.68	UG/G
SC-21216-S	3/17/2000	ARSENIC	7.3	0.26	UG/G
SC-21217-S	3/24/2000	ARSENIC	6	0.57	UG/G
SC-21218-S	3/24/2000	ARSENIC	7.1	0.62	UG/G
SC-21219-S	3/24/2000	ARSENIC	6.3	0.7	UG/G
SC-21220-S	4/1/1999	ARSENIC	7.1	0.41	UG/G
SC-21305-S	3/17/2000	ARSENIC	8.1	0.26	UG/G
SC-21306-S	3/17/2000	ARSENIC	7.1	0.26	UG/G
SC-21313-S	3/17/2000	ARSENIC	30.3	0.27	UG/G
SC-21319-S	3/17/2000	ARSENIC	6.7	0.28	UG/G
SC-21501-S	3/24/2000	ARSENIC	9.1	0.62	UG/G
SC-21502-S	4/1/1999	ARSENIC	8.3	0.44	UG/G
SC-21503-S	4/1/1999	ARSENIC	8.2	0.43	UG/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21504-S	4/1/1999	ARSENIC	5.4	0.41	UG/G
SC-21505-S	4/1/1999	ARSENIC	6.9	0.42	UG/G
SC-21506-S	4/1/1999	ARSENIC	5	0.42	UG/G
SC-21507-S	4/1/1999	ARSENIC	8.6	0.44	UG/G
SC-21508-S	4/1/1999	ARSENIC	7.5	0.41	UG/G
SC-21509-S	4/1/1999	ARSENIC	9.8	0.44	UG/G
SC-21510-S	4/1/1999	ARSENIC	6.7	0.41	UG/G
SC-21511-S	4/1/1999	ARSENIC	9.6	0.45	UG/G
SC-21512-S	4/1/1999	ARSENIC	8.5	0.41	UG/G
SC-21513-S	4/1/1999	ARSENIC	8.1	0.44	UG/G
SC-21514-S	4/1/1999	ARSENIC	8	0.43	UG/G
SC-21515-S	4/1/1999	ARSENIC	8.2	0.42	UG/G
SC-21516-S	4/1/1999	ARSENIC	9.7	0.43	UG/G
SC-21518-S	4/1/1999	ARSENIC	8.6	0.41	UG/G
SC-21519-S	4/1/1999	ARSENIC	12.7	0.46	UG/G
SC-21520-S	4/1/1999	ARSENIC	11.3	0.44	UG/G
SC-21601-S	4/1/1999	ARSENIC	5.2	0.41	UG/G
SC-21602-S	4/2/1999	ARSENIC	7.7	0.41	UG/G
SC-21603-S	4/2/1999	ARSENIC	6	0.38	UG/G
SC-21604-S	4/2/1999	ARSENIC	4.8	0.41	UG/G
SC-21605-S	4/2/1999	ARSENIC	6.4	0.42	UG/G
SC-21606-S	4/1/1999	ARSENIC	5.3	0.43	UG/G
SC-21607-S	4/2/1999	ARSENIC	8.7	0.44	UG/G
SC-21608-S	4/2/1999	ARSENIC	10.3	0.43	UG/G
SC-21609-S	4/2/1999	ARSENIC	7.3	0.4	UG/G
SC-21610-S	4/2/1999	ARSENIC	7.9	0.43	UG/G
SC-21611-S	4/1/1999	ARSENIC	8.5	0.42	UG/G
SC-21612-S	4/1/1999	ARSENIC	4.8	0.43	UG/G
SC-21613-S	4/2/1999	ARSENIC	10	0.41	UG/G
SC-21614-S	4/2/1999	ARSENIC	11.9	0.44	UG/G
SC-21615-S	4/2/1999	ARSENIC	8.5	0.41	UG/G
SC-21616-S	4/1/1999	ARSENIC	14.7	0.46	UG/G
SC-21617-S	4/1/1999	ARSENIC	9.4	0.43	UG/G
SC-21618-S	4/2/1999	ARSENIC	7.7	0.41	UG/G
SC-21619-S	4/2/1999	ARSENIC	9.4	0.41	UG/G
SC-21620-S	4/2/1999	ARSENIC	6.9	0.44	UG/G
SC-21701-S	4/2/1999	ARSENIC	6.2	0.41	UG/G
SC-21702-S	4/2/1999	ARSENIC	3.8	0.4	UG/G
SC-21703-S	4/2/1999	ARSENIC	5.1	0.44	UG/G
SC-21704-S	4/2/1999	ARSENIC	5.6	0.4	UG/G
SC-21705-S	4/2/1999	ARSENIC	7.6	0.42	UG/G
SC-21706-S	4/2/1999	ARSENIC	7.1	0.43	UG/G
SC-21707-S	4/2/1999	ARSENIC	7.9	0.43	UG/G
SC-21708-S	4/2/1999	ARSENIC	4.8	0.41	UG/G
SC-21709-S	4/2/1999	ARSENIC	5.5	0.42	UG/G
SC-21710-S	4/2/1999	ARSENIC	5.6	0.43	UG/G
SC-21711-S	4/2/1999	ARSENIC	8	0.42	UG/G
SC-21712-S	4/2/1999	ARSENIC	8.7	0.43	UG/G
SC-21713-S	4/2/1999	ARSENIC	9.5	0.44	UG/G
SC-21714-S	4/2/1999	ARSENIC	7.6	0.43	UG/G
SC-21716-S	4/2/1999	ARSENIC	13.4	0.44	UG/G
SC-21717-S	4/2/1999	ARSENIC	12	0.44	UG/G
SC-21801-S	4/1/1999	ARSENIC	11.4	0.43	UG/G
SC-21802-S	4/1/1999	ARSENIC	11.1	0.44	UG/G
SC-21803-S	4/2/1999	ARSENIC	10.5	0.44	UG/G

APPENDIX B WP-437 RU22 FINAL DATA

WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21804-S	4/2/1999	ARSENIC	6.7	0.43	UG/G
SC-21805-S	4/2/1999	ARSENIC	6.8	0.45	UG/G
SC-21810-S	4/1/1999	ARSENIC	11.9	0.47	UG/G
SC-21811-S	4/1/1999	ARSENIC	7.2	0.43	UG/G
SC-21812-S	4/2/1999	ARSENIC	8.1	0.45	UG/G
SC-21817-S	4/1/1999	ARSENIC	5.7	0.44	UG/G
SC-18905-S	4/17/2000	BENZO(A)ANTHRACENE	6	12	UG/KG
SC-18906-S	7/30/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-18910-C	4/17/2000	BENZO(A)ANTHRACENE	5.5	11	UG/KG
SC-18910-S	4/17/2000	BENZO(A)ANTHRACENE	6.5	13	UG/KG
SC-18911-S	7/30/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-18912-S	7/30/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-18915-S	4/17/2000	BENZO(A)ANTHRACENE	6	12	UG/KG
SC-18916-S	7/30/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-18917-S	7/30/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-18918-S	7/30/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-18921-S	7/30/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-18922-S	7/30/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-18923-S	7/30/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-18924-C	4/6/2000	BENZO(A)ANTHRACENE	9.5	19	UG/KG
SC-18924-S	9/30/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-18924-S-RS	10/5/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-19006-S	8/3/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19007-S	8/3/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-19008-S	7/30/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19009-S	7/30/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-19010-S	7/30/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-19011-S	8/3/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-19012-S	8/3/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19013-S	7/30/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-19014-S	7/30/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-19015-S	7/30/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-19016-S	8/3/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-19017-S	8/3/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19018-S	7/30/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-19019-S	7/30/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-19020-S	7/30/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19021-C	8/3/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19021-S	8/3/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19022-S	8/3/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-19023-S	7/30/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19024-S	7/30/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19025-S	7/30/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19106-S	8/5/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19107-S	8/5/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19108-S	8/5/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19109-S	8/5/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19110-S	8/5/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-19111-S	8/5/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19112-S	8/5/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19113-S	8/5/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19114-S	8/5/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-19115-S	8/5/1999	BENZO(A)ANTHRACENE	22	16	UG/KG
SC-19116-S	8/5/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19117-S	8/5/1999	BENZO(A)ANTHRACENE	8	16	UG/KG

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19118-S	8/5/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19119-S	8/5/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19120-S	8/5/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19121-S	8/5/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19122-S	8/5/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19123-S	8/5/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19124-S	8/5/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19125-C	8/5/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19125-S	8/5/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19216-S	8/5/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19220-S	8/5/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19221-S	8/5/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19225-S	8/5/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19226-S	8/5/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19227-S	8/5/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19301-S	7/30/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19302-S	7/30/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19303-S	7/30/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-19304-S	4/6/2000	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-19305-S	4/6/2000	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-19306-S	7/30/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19307-S	7/30/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19308-S	7/30/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-19309-S	7/30/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19309-S-RS2	4/6/2000	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19310-S	4/6/2000	BENZO(A)ANTHRACENE	19	17	UG/KG
SC-19311-S	7/30/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-19312-S	7/30/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-19313-S	7/30/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19314-S	7/30/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-19315-S	4/6/2000	BENZO(A)ANTHRACENE	33	18	UG/KG
SC-19316-S	7/30/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19317-S	5/2/2000	BENZO(A)ANTHRACENE	1.93	3.86	UG/KG
SC-19318-S	5/2/2000	BENZO(A)ANTHRACENE	1.84	3.68	UG/KG
SC-19319-S	5/2/2000	BENZO(A)ANTHRACENE	2.005	4.01	UG/KG
SC-19320-S	4/6/2000	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-19401-S	8/3/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19402-S	8/3/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19403-S	7/30/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19404-S	7/30/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19405-S	7/30/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19406-S	8/3/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19407-S	8/3/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19408-S	7/30/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19409-S	7/30/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-19410-S	7/30/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19411-S	8/3/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19412-S	8/3/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19413-S	7/30/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19414-S	7/30/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19415-S	7/30/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19416-S	8/3/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19417-S	8/3/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19418-S	8/3/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19419-S	8/3/1999	BENZO(A)ANTHRACENE	8	16	UG/KG

APPENDIX B WP-437 RU22 FINAL DATA

WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19420-S	7/30/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19501-S	8/5/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19502-S	8/5/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19503-S	8/5/1999	BENZO(A)ANTHRACENE	7.5	15	UG/KG
SC-19504-S	8/5/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19505-S	8/5/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19506-S	8/5/1999	BENZO(A)ANTHRACENE	52	16	UG/KG
SC-19507-S	8/5/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19508-S	8/5/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19509-S	8/5/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19510-S	8/5/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19511-S	8/5/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19512-S	8/5/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19513-S	8/5/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19514-S	8/5/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19515-S	8/5/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19516-S	8/5/1999	BENZO(A)ANTHRACENE	26	16	UG/KG
SC-19517-S	8/5/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19518-S	8/5/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-19519-S	8/5/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19520-S	8/5/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19604-S	8/5/1999	BENZO(A)ANTHRACENE	7.5	15	UG/KG
SC-19605-S	8/5/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19606-S	8/5/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19610-S	8/26/1999	BENZO(A)ANTHRACENE	290	16	UG/KG
SC-19611-S	8/26/1999	BENZO(A)ANTHRACENE	10.5	21	UG/KG
SC-19612-S	8/5/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19613-S	8/5/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19618-S	8/26/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19619-S	8/26/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19620-S	8/26/1999	BENZO(A)ANTHRACENE	18	18	UG/KG
SC-19621-S	8/5/1999	BENZO(A)ANTHRACENE	8 5	17	UG/KG
SC-19701-U	5/2/2000	BENZO(A)ANTHRACENE	2	4	UG/KG
SC-19702-U	5/2/2000	BENZO(A)ANTHRACENE	2.05	4.1	UG/KG
SC-19717-S	5/1/2000	BENZO(A)ANTHRACENE	1.93	3.86	UG/KG
SC-19718-S	5/1/2000	BENZO(A)ANTHRACENE	1.82	3.64	UG/KG
SC-19801-C	5/12/2000	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-19802-S	5/2/2000	BENZO(A)ANTHRACENE	2.235	4.47	UG/KG
SC-19803-S	5/2/2000	BENZO(A)ANTHRACENE	1.875	3.75	UG/KG
SC-19807-S	5/2/2000	BENZO(A)ANTHRACENE	2.005	4.01	UG/KG
SC-19808-S	5/2/2000	BENZO(A)ANTHRACENE	1.93	3.86	UG/KG
SC-19812-S	4/5/2000	BENZO(A)ANTHRACENE	6	12	UG/KG
SC-19813-S	4/5/2000	BENZO(A)ANTHRACENE	5.5	11	UG/KG
SC-19817-S	3/31/2000	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19818-S	4/5/2000	BENZO(A)ANTHRACENE	5.5	11	UG/KG
SC-19901-S	8/3/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19902-S	8/3/1999	BENZO(A)ANTHRACENE	24	16	UG/KG
SC-19903-S	7/30/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19904-S	7/30/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19905-S	8/3/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19906-S	8/3/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-19907-S	7/30/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19908-S	7/30/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-19909-S	8/3/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19910-S	8/3/1999	BENZO(A)ANTHRACENE	8 5	17	UG/KG

APPENDIX B WP-437 RU22 FINAL DATA

WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19911-S	7/30/1999	BENZO(A)ANTHRACENE	24	17	UG/KG
SC-19912-S	3/31/2000	BENZO(A)ANTHRACENE	10	20	UG/KG
SC-19913-S	8/3/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19914-S	8/3/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-19915-S	3/31/2000	BENZO(A)ANTHRACENE	9.5	19	UG/KG
SC-19916-S	3/31/2000	BENZO(A)ANTHRACENE	9.5	19	UG/KG
SC-19917-S	8/3/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-19918-S	3/31/2000	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-19919-S	3/31/2000	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-19920-S	3/31/2000	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-20001-S	8/3/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-20002-S	8/3/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-20003-S	8/3/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-20004-S	8/3/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-20005-S	8/3/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-20006-S	8/31/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-20007-S	8/3/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-20008-S	8/3/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-20009-S	8/3/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-20010-S	8/3/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-20011-S	8/26/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-20012-S	8/26/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-20013-S	8/3/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-20014-S	8/3/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-20015-S	8/3/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-20016-S	8/26/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-20017-S	8/26/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-20018-S	8/3/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-20019-S	8/3/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-20020-S	8/3/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-20301-S	8/26/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-20302-S	8/26/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-20303-S	8/26/1999	BENZO(A)ANTHRACENE	19	16	UG/KG
SC-20304-S	8/5/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-20305-S	8/31/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-20306-S	8/26/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-20307-S	8/26/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-20308-S	8/31/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-20311-S	8/31/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-20312-S	8/26/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-20316-S	8/31/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-20401-S	8/31/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-20402-S	8/26/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-20403-S	8/26/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-20404-S	8/3/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-20405-S	8/3/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-20406-S	8/31/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-20407-S	8/31/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-20408-S	8/26/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-20409-S	8/26/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-20410-S	8/26/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-20412-S	8/31/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-20413-S	8/26/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-20414-S	8/26/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-20414-S-RS	3/24/2000	BENZO(A)ANTHRACENE	6	12	UG/KG

APPENDIX B WP-437 RU22 FINAL DATA

WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20415-S	8/26/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-20415-S-RS	3/24/2000	BENZO(A)ANTHRACENE	6	12	UG/KG
SC-20417-S	8/31/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-20418-S	8/31/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-20419-S	3/17/2000	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-20420-S	3/17/2000	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-20501-U	4/26/2000	BENZO(A)ANTHRACENE	6.5	13	UG/KG
SC-20503-S	8/26/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-20503-S-RS	3/24/2000	BENZO(A)ANTHRACENE	6.5	13	UG/KG
SC-20504-S	3/31/2000	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-20505-S	3/31/2000	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-20506-S	3/31/2000	BENZO(A)ANTHRACENE	9.5	19	UG/KG
SC-20510-S	3/17/2000	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-20511-S	3/17/2000	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-20512-S	3/17/2000	BENZO(A)ANTHRACENE	9.5	19	UG/KG
SC-20515-S	3/17/2000	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-20516-S	3/17/2000	BENZO(A)ANTHRACENE	9.5	19	UG/KG
SC-20517-S	3/17/2000	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-20518-S	3/17/2000	BENZO(A)ANTHRACENE	9.5	19	UG/KG
SC-20519-S	3/17/2000	BENZO(A)ANTHRACENE	18	17	UG/KG
SC-20702-S	3/29/2000	BENZO(A)ANTHRACENE	6	12	UG/KG
SC-20705-S	3/29/2000	BENZO(A)ANTHRACENE	6	12	UG/KG
SC-20706-S	3/29/2000	BENZO(A)ANTHRACENE	6	12	UG/KG
SC-20905-S	4/19/2000	BENZO(A)ANTHRACENE	6.05	12.1	UG/KG
SC-20906-S	4/19/2000	BENZO(A)ANTHRACENE	5.95	11.9	UG/KG
SC-20908-S	4/26/2000	BENZO(A)ANTHRACENE	5.5	11	UG/KG
SC-20909-S	4/19/2000	BENZO(A)ANTHRACENE	6	12	UG/KG
SC-20910-S	4/19/2000	BENZO(A)ANTHRACENE	6.05	12.1	UG/KG
SC-20913-S	4/19/2000	BENZO(A)ANTHRACENE	5.85	11.7	UG/KG
SC-20914-S	4/26/2000	BENZO(A)ANTHRACENE	6	12	UG/KG
SC-20917-S	4/26/2000	BENZO(A)ANTHRACENE	5.5	11	UG/KG
SC-20918-C	4/26/2000	BENZO(A)ANTHRACENE	6.5	13	UG/KG
SC-20918-S	4/26/2000	BENZO(A)ANTHRACENE	6	12	UG/KG
SC-21101-S	3/29/2000	BENZO(A)ANTHRACENE	6	12	UG/KG
SC-21102-S	3/29/2000	BENZO(A)ANTHRACENE	6.5	13	UG/KG
SC-21103-S	3/29/2000	BENZO(A)ANTHRACENE	6	12	UG/KG
SC-21104-S	4/6/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-21105-S	4/6/1999	BENZO(A)ANTHRACENE	8.5	17	UG/KG
SC-21106-S	3/29/2000	BENZO(A)ANTHRACENE	6	12	UG/KG
SC-21107-S	4/2/1999	BENZO(A)ANTHRACENE	20	40	UG/KG
SC-21107-S-RS	4/12/2000	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-21108-S	6/15/1999	BENZO(A)ANTHRACENE	9.5	19	UG/KG
SC-21109-S	4/6/1999	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-21110-S	4/6/1999	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-21111-S	4/2/1999	BENZO(A)ANTHRACENE	18	36	UG/KG
SC-21112-S	4/2/1999	BENZO(A)ANTHRACENE	20	40	UG/KG
SC-21113-S	4/2/1999	BENZO(A)ANTHRACENE	18	36	UG/KG
SC-21114-S	4/2/1999	BENZO(A)ANTHRACENE	21	42	UG/KG
SC-21115-S	4/2/1999	BENZO(A)ANTHRACENE	20.5	41	UG/KG
SC-21116-S	4/1/1999	BENZO(A)ANTHRACENE	18	36	UG/KG
SC-21117-S	4/2/1999	BENZO(A)ANTHRACENE	19	38	UG/KG
SC-21118-S	4/2/1999	BENZO(A)ANTHRACENE	20	40	UG/KG
SC-21119-S	4/2/1999	BENZO(A)ANTHRACENE	19	38	UG/KG
SC-21120-S	4/2/1999	BENZO(A)ANTHRACENE	20	40	UG/KG
SC-21201-S	3/17/2000	BENZO(A)ANTHRACENE	9.5	19	UG/KG

APPENDIX B WP-437 RU22 FINAL DATA

WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21201-U	4/14/2000	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-21202-S	3/17/2000	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-21203-S	3/17/2000	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-21204-S	3/17/2000	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-21205-S	3/29/2000	BENZO(A)ANTHRACENE	6	12	UG/KG
SC-21206-S	3/17/2000	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-21207-S	3/17/2000	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-21208-S	3/17/2000	BENZO(A)ANTHRACENE	9.5	19	UG/KG
SC-21209-S	3/17/2000	BENZO(A)ANTHRACENE	9.5	19	UG/KG
SC-21210-S	3/29/2000	BENZO(A)ANTHRACENE	6	12	UG/KG
SC-21211-S	3/17/2000	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-21212-S	3/17/2000	BENZO(A)ANTHRACENE	10	20	UG/KG
SC-21213-S	3/17/2000	BENZO(A)ANTHRACENE	8	16	UG/KG
SC-21214-S	3/24/2000	BENZO(A)ANTHRACENE	5.5	11	UG/KG
SC-21215-S	3/24/2000	BENZO(A)ANTHRACENE	6	12	UG/KG
SC-21216-S	3/17/2000	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-21217-S	3/24/2000	BENZO(A)ANTHRACENE	5.5	11	UG/KG
SC-21218-S	3/24/2000	BENZO(A)ANTHRACENE	6	12	UG/KG
SC-21219-S	3/24/2000	BENZO(A)ANTHRACENE	6	12	UG/KG
SC-21220-S	4/1/1999	BENZO(A)ANTHRACENE	20	40	UG/KG
SC-21305-S	3/17/2000	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-21306-S	3/17/2000	BENZO(A)ANTHRACENE	9	18	UG/KG
SC-21313-S	3/17/2000	BENZO(A)ANTHRACENE	9.5	19	UG/KG
SC-21319-S	3/17/2000	BENZO(A)ANTHRACENE	9.5	19	UG/KG
SC-21501-S	3/24/2000	BENZO(A)ANTHRACENE	6	12	UG/KG
SC-21502-S	4/1/1999	BENZO(A)ANTHRACENE	21	42	UG/KG
SC-21503-S	4/1/1999	BENZO(A)ANTHRACENE	20.5	41	UG/KG
SC-21504-S	4/1/1999	BENZO(A)ANTHRACENE	20	40	UG/KG
SC-21505-S	4/1/1999	BENZO(A)ANTHRACENE	20.5	41	UG/KG
SC-21506-S	4/1/1999	BENZO(A)ANTHRACENE	20.5	41	UG/KG
SC-21507-S	4/1/1999	BENZO(A)ANTHRACENE	21	42	UG/KG
SC-21508-S	4/1/1999	BENZO(A)ANTHRACENE	20	40	UG/KG
SC-21509-S	4/1/1999	BENZO(A)ANTHRACENE	21	42	UG/KG
SC-21510-S	4/1/1999	BENZO(A)ANTHRACENE	20	40	UG/KG
SC-21511-S	4/1/1999	BENZO(A)ANTHRACENE	21.5	43	UG/KG
SC-21512-S	4/1/1999	BENZO(A)ANTHRACENE	20	40	UG/KG
SC-21513-S	4/1/1999	BENZO(A)ANTHRACENE	21.5	43	UG/KG
SC-21514-S	4/1/1999	BENZO(A)ANTHRACENE	20.5	41	UG/KG
SC-21515-S	4/1/1999	BENZO(A)ANTHRACENE	20	40	UG/KG
SC-21516-S	4/1/1999	BENZO(A)ANTHRACENE	21	42	UG/KG
SC-21518-S	4/1/1999	BENZO(A)ANTHRACENE	20	40	UG/KG
SC-21519-S	4/1/1999	BENZO(A)ANTHRACENE	22.5	45	UG/KG
SC-21520-S	4/1/1999	BENZO(A)ANTHRACENE	21.5	43	UG/KG
SC-21601-S	4/1/1999	BENZO(A)ANTHRACENE	20	40	UG/KG
SC-21602-S	4/2/1999	BENZO(A)ANTHRACENE	20	40	UG/KG
SC-21603-S	4/2/1999	BENZO(A)ANTHRACENE	18.5	37	UG/KG
SC-21604-S	4/2/1999	BENZO(A)ANTHRACENE	20.5	41	UG/KG
SC-21605-S	4/2/1999	BENZO(A)ANTHRACENE	20.5	41	UG/KG
SC-21606-S	4/1/1999	BENZO(A)ANTHRACENE	20.5	41	UG/KG
SC-21607-S	4/2/1999	BENZO(A)ANTHRACENE	21	42	UG/KG
SC-21608-S	4/2/1999	BENZO(A)ANTHRACENE	21	42	UG/KG
SC-21609-S	4/2/1999	BENZO(A)ANTHRACENE	19	38	UG/KG
SC-21610-S	4/2/1999	BENZO(A)ANTHRACENE	20.5	41	UG/KG
SC-21611-S	4/1/1999	BENZO(A)ANTHRACENE	20.5	41	UG/KG
SC-21612-S	4/1/1999	BENZO(A)ANTHRACENE	20.5	41	UG/KG

APPENDIX B WP-437 RU22 FINAL DATA

WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21613-S	4/2/1999	BENZO(A)ANTHRACENE	20	40	UG/KG
SC-21614-S	4/2/1999	BENZO(A)ANTHRACENE	21	42	UG/KG
SC-21615-S	4/2/1999	BENZO(A)ANTHRACENE	20	40	UG/KG
SC-21616-S	4/1/1999	BENZO(A)ANTHRACENE	22.5	45	UG/KG
SC-21617-S	4/1/1999	BENZO(A)ANTHRACENE	21	42	UG/KG
SC-21618-S	4/2/1999	BENZO(A)ANTHRACENE	20	40	UG/KG
SC-21619-S	4/2/1999	BENZO(A)ANTHRACENE	20	40	UG/KG
SC-21620-S	4/2/1999	BENZO(A)ANTHRACENE	21.5	43	UG/KG
SC-18905-S	4/17/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-18906-S	7/30/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-18910-C	4/17/2000	BENZO(A)PYRENE	8	16	UG/KG
SC-18910-S	4/17/2000	BENZO(A)PYRENE	9.5	19	UG/KG
SC-18911-S	7/30/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-18912-S	7/30/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-18915-S	4/17/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-18916-S	7/30/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-18917-S	7/30/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-18918-S	7/30/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-18921-S	7/30/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-18922-S	7/30/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-18923-S	7/30/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-18924-C	4/6/2000	BENZO(A)PYRENE	9.5	19	UG/KG
SC-18924-S	9/30/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-18924-S-RS	10/5/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-19006-S	8/3/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19007-S	8/3/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-19008-S	7/30/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19009-S	7/30/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-19010-S	7/30/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-19011-S	8/3/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-19012-S	8/3/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19013-S	7/30/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-19014-S	7/30/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-19015-S	7/30/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-19016-S	8/3/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-19017-S	8/3/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19018-S	7/30/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-19019-S	7/30/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-19020-S	7/30/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19021-C	8/3/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19021-S	8/3/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19022-S	8/3/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-19023-S	7/30/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19024-S	7/30/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19025-S	7/30/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19106-S	8/5/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19107-S	8/5/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19108-S	8/5/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19109-S	8/5/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19110-S	8/5/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-19111-S	8/5/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19112-S	8/5/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19113-S	8/5/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19114-S	8/5/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-19115-S	8/5/1999	BENZO(A)PYRENE	8	16	UG/KG

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19116-S	8/5/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19117-S	8/5/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19118-S	8/5/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19119-S	8/5/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19120-S	8/5/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19121-S	8/5/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19122-S	8/5/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19123-S	8/5/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19124-S	8/5/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19125-C	8/5/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19125-S	8/5/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19216-S	8/5/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19220-S	8/5/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19221-S	8/5/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19225-S	8/5/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19226-S	8/5/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19227-S	8/5/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19301-S	7/30/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19302-S	7/30/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19303-S	7/30/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-19304-S	4/6/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-19305-S	4/6/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-19306-S	7/30/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19307-S	7/30/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19308-S	7/30/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-19309-S	7/30/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19309-S-RS2	4/6/2000	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19310-S	4/6/2000	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19311-S	7/30/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-19312-S	7/30/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-19313-S	7/30/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19314-S	7/30/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-19315-S	4/6/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-19316-S	7/30/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19317-S	5/2/2000	BENZO(A)PYRENE	2.895	5.79	UG/KG
SC-19318-S	5/2/2000	BENZO(A)PYRENE	2.76	5.52	UG/KG
SC-19319-S	5/2/2000	BENZO(A)PYRENE	3.005	6.01	UG/KG
SC-19320-S	4/6/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-19401-S	8/3/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19402-S	8/3/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19403-S	7/30/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19404-S	7/30/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19405-S	7/30/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19406-S	8/3/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19407-S	8/3/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19408-S	7/30/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19409-S	7/30/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-19410-S	7/30/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19411-S	8/3/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19412-S	8/3/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19413-S	7/30/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19414-S	7/30/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19415-S	7/30/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19416-S	8/3/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19417-S	8/3/1999	BENZO(A)PYRENE	8.5	17	UG/KG

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19418-S	8/3/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19419-S	8/3/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19420-S	7/30/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19501-S	8/5/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19502-S	8/5/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19503-S	8/5/1999	BENZO(A)PYRENE	7.5	15	UG/KG
SC-19504-S	8/5/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19505-S	8/5/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19506-S	8/5/1999	BENZO(A)PYRENE	51	16	UG/KG
SC-19507-S	8/5/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19508-S	8/5/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19509-S	8/5/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19510-S	8/5/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19511-S	8/5/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19512-S	8/5/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19513-S	8/5/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19514-S	8/5/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19515-S	8/5/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19516-S	8/5/1999	BENZO(A)PYRENE	20	16	UG/KG
SC-19517-S	8/5/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19518-S	8/5/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-19519-S	8/5/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19520-S	8/5/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19604-S	8/5/1999	BENZO(A)PYRENE	7.5	15	UG/KG
SC-19605-S	8/5/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19606-S	8/5/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19610-S	8/26/1999	BENZO(A)PYRENE	190	16	UG/KG
SC-19611-S	8/26/1999	BENZO(A)PYRENE	10.5	21	UG/KG
SC-19612-S	8/5/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19613-S	8/5/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19618-S	8/26/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19619-S	8/26/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19620-S	8/26/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-19621-S	8/5/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19701-U	5/2/2000	BENZO(A)PYRENE	3	6	UG/KG
SC-19702-U	5/2/2000	BENZO(A)PYRENE	3.05	6.1	UG/KG
SC-19717-S	5/1/2000	BENZO(A)PYRENE	2.895	5.79	UG/KG
SC-19718-S	5/1/2000	BENZO(A)PYRENE	2.73	5.46	UG/KG
SC-19801-C	5/12/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-19802-S	5/2/2000	BENZO(A)PYRENE	3.35	6.7	UG/KG
SC-19803-S	5/2/2000	BENZO(A)PYRENE	2.815	5.63	UG/KG
SC-19807-S	5/2/2000	BENZO(A)PYRENE	3.005	6.01	UG/KG
SC-19808-S	5/2/2000	BENZO(A)PYRENE	2.895	5.79	UG/KG
SC-19812-S	4/5/2000	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19813-S	4/5/2000	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19817-S	3/31/2000	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19818-S	4/5/2000	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19901-S	8/3/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19902-S	8/3/1999	BENZO(A)PYRENE	23	16	UG/KG
SC-19903-S	7/30/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19904-S	7/30/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19905-S	8/3/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19906-S	8/3/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-19907-S	7/30/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19908-S	7/30/1999	BENZO(A)PYRENE	9	18	UG/KG

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19909-S	8/3/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19910-S	8/3/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19911-S	7/30/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19912-S	3/31/2000	BENZO(A)PYRENE	10	20	UG/KG
SC-19913-S	8/3/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19914-S	8/3/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-19915-S	3/31/2000	BENZO(A)PYRENE	9.5	19	UG/KG
SC-19916-S	3/31/2000	BENZO(A)PYRENE	9.5	19	UG/KG
SC-19917-S	8/3/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-19918-S	3/31/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-19919-S	3/31/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-19920-S	3/31/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-20001-S	8/3/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-20002-S	8/3/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-20003-S	8/3/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-20004-S	8/3/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-20005-S	8/3/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-20006-S	8/31/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-20007-S	8/3/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-20008-S	8/3/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-20009-S	8/3/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-20010-S	8/3/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-20011-S	8/26/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-20012-S	8/26/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-20013-S	8/3/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-20014-S	8/3/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-20015-S	8/3/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-20016-S	8/26/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-20017-S	8/26/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-20018-S	8/3/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-20019-S	8/3/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-20020-S	8/3/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-20301-S	8/26/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-20302-S	8/26/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-20303-S	8/26/1999	BENZO(A)PYRENE	18	16	UG/KG
SC-20304-S	8/5/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-20305-S	8/31/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-20306-S	8/26/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-20307-S	8/26/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-20308-S	8/31/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-20311-S	8/31/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-20312-S	8/26/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-20316-S	8/31/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-20401-S	8/31/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-20402-S	8/26/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-20403-S	8/26/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-20404-S	8/3/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-20405-S	8/3/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-20406-S	8/31/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-20407-S	8/31/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-20408-S	8/26/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-20409-S	8/26/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-20410-S	8/26/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-20412-S	8/31/1999	BENZO(A)PYRENE	8.5	17	UG/KG
SC-20413-S	8/26/1999	BENZO(A)PYRENE	8	16	UG/KG

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20414-S	8/26/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-20414-S-RS	3/24/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-20415-S	8/26/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-20415-S-RS	3/24/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-20417-S	8/31/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-20418-S	8/31/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-20419-S	3/17/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-20420-S	3/17/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-20501-U	4/26/2000	BENZO(A)PYRENE	9.5	19	UG/KG
SC-20503-S	8/26/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-20503-S-RS	3/24/2000	BENZO(A)PYRENE	9.5	19	UG/KG
SC-20504-S	3/31/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-20505-S	3/31/2000	BENZO(A)PYRENE	8.5	17	UG/KG
SC-20506-S	3/31/2000	BENZO(A)PYRENE	9.5	19	UG/KG
SC-20510-S	3/17/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-20511-S	3/17/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-20512-S	3/17/2000	BENZO(A)PYRENE	9.5	19	UG/KG
SC-20515-S	3/17/2000	BENZO(A)PYRENE	8.5	17	UG/KG
SC-20516-S	3/17/2000	BENZO(A)PYRENE	9.5	19	UG/KG
SC-20517-S	3/17/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-20518-S	3/17/2000	BENZO(A)PYRENE	9.5	19	UG/KG
SC-20519-S	3/17/2000	BENZO(A)PYRENE	8.5	17	UG/KG
SC-20702-S	3/29/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-20705-S	3/29/2000	BENZO(A)PYRENE	8.5	17	UG/KG
SC-20706-S	3/29/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-20905-S	4/19/2000	BENZO(A)PYRENE	9.1	18.2	UG/KG
SC-20906-S	4/19/2000	BENZO(A)PYRENE	8.95	17.9	UG/KG
SC-20908-S	4/26/2000	BENZO(A)PYRENE	8.5	17	UG/KG
SC-20909-S	4/19/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-20910-S	4/19/2000	BENZO(A)PYRENE	9.05	18.1	UG/KG
SC-20913-S	4/19/2000	BENZO(A)PYRENE	8.8	17.6	UG/KG
SC-20914-S	4/26/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-20917-S	4/26/2000	BENZO(A)PYRENE	8.5	17	UG/KG
SC-20918-C	4/26/2000	BENZO(A)PYRENE	9.5	19	UG/KG
SC-20918-S	4/26/2000	BENZO(A)PYRENE	9.5	19	UG/KG
SC-21101-S	3/29/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-21102-S	3/29/2000	BENZO(A)PYRENE	9.5	19	UG/KG
SC-21103-S	3/29/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-21104-S	4/6/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-21105-S	4/6/1999	BENZO(A)PYRENE	8 5	17	UG/KG
SC-21106-S	3/29/2000	BENZO(A)PYRENE	9.5	19	UG/KG
SC-21107-S	4/2/1999	BENZO(A)PYRENE	20	40	UG/KG
SC-21107-S-RS	4/12/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-21108-S	6/15/1999	BENZO(A)PYRENE	9.5	19	UG/KG
SC-21109-S	4/6/1999	BENZO(A)PYRENE	9	18	UG/KG
SC-21110-S	4/6/1999	BENZO(A)PYRENE	8	16	UG/KG
SC-21111-S	4/2/1999	BENZO(A)PYRENE	18	36	UG/KG
SC-21112-S	4/2/1999	BENZO(A)PYRENE	20	40	UG/KG
SC-21113-S	4/2/1999	BENZO(A)PYRENE	18	36	UG/KG
SC-21114-S	4/2/1999	BENZO(A)PYRENE	21	42	UG/KG
SC-21115-S	4/2/1999	BENZO(A)PYRENE	20.5	41	UG/KG
SC-21116-S	4/1/1999	BENZO(A)PYRENE	18	36	UG/KG
SC-21117-S	4/2/1999	BENZO(A)PYRENE	19	38	UG/KG
SC-21118-S	4/2/1999	BENZO(A)PYRENE	20	40	UG/KG
SC-21119-S	4/2/1999	BENZO(A)PYRENE	19	38	UG/KG

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21120-S	4/2/1999	BENZO(A)PYRENE	20	40	UG/KG
SC-21201-S	3/17/2000	BENZO(A)PYRENE	9.5	19	UG/KG
SC-21201-U	4/14/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-21202-S	3/17/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-21203-S	3/17/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-21204-S	3/17/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-21205-S	3/29/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-21206-S	3/17/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-21207-S	3/17/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-21208-S	3/17/2000	BENZO(A)PYRENE	9.5	19	UG/KG
SC-21209-S	3/17/2000	BENZO(A)PYRENE	9.5	19	UG/KG
SC-21210-S	3/29/2000	BENZO(A)PYRENE	8.5	17	UG/KG
SC-21211-S	3/17/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-21212-S	3/17/2000	BENZO(A)PYRENE	10	20	UG/KG
SC-21213-S	3/17/2000	BENZO(A)PYRENE	8	16	UG/KG
SC-21214-S	3/24/2000	BENZO(A)PYRENE	8.5	17	UG/KG
SC-21215-S	3/24/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-21216-S	3/17/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-21217-S	3/24/2000	BENZO(A)PYRENE	8.5	17	UG/KG
SC-21218-S	3/24/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-21219-S	3/24/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-21220-S	4/1/1999	BENZO(A)PYRENE	20	40	UG/KG
SC-21305-S	3/17/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-21306-S	3/17/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-21313-S	3/17/2000	BENZO(A)PYRENE	9.5	19	UG/KG
SC-21319-S	3/17/2000	BENZO(A)PYRENE	9.5	19	UG/KG
SC-21501-S	3/24/2000	BENZO(A)PYRENE	9	18	UG/KG
SC-21502-S	4/1/1999	BENZO(A)PYRENE	21	42	UG/KG
SC-21503-S	4/1/1999	BENZO(A)PYRENE	20.5	41	UG/KG
SC-21504-S	4/1/1999	BENZO(A)PYRENE	20	40	UG/KG
SC-21505-S	4/1/1999	BENZO(A)PYRENE	20.5	41	UG/KG
SC-21506-S	4/1/1999	BENZO(A)PYRENE	20.5	41	UG/KG
SC-21507-S	4/1/1999	BENZO(A)PYRENE	21	42	UG/KG
SC-21508-S	4/1/1999	BENZO(A)PYRENE	20	40	UG/KG
SC-21509-S	4/1/1999	BENZO(A)PYRENE	21	42	UG/KG
SC-21510-S	4/1/1999	BENZO(A)PYRENE	20	40	UG/KG
SC-21511-S	4/1/1999	BENZO(A)PYRENE	21.5	43	UG/KG
SC-21512-S	4/1/1999	BENZO(A)PYRENE	20	40	UG/KG
SC-21513-S	4/1/1999	BENZO(A)PYRENE	21.5	43	UG/KG
SC-21514-S	4/1/1999	BENZO(A)PYRENE	20.5	41	UG/KG
SC-21515-S	4/1/1999	BENZO(A)PYRENE	20	40	UG/KG
SC-21516-S	4/1/1999	BENZO(A)PYRENE	21	42	UG/KG
SC-21518-S	4/1/1999	BENZO(A)PYRENE	20	40	UG/KG
SC-21519-S	4/1/1999	BENZO(A)PYRENE	22.5	45	UG/KG
SC-21520-S	4/1/1999	BENZO(A)PYRENE	21.5	43	UG/KG
SC-21601-S	4/1/1999	BENZO(A)PYRENE	20	40	UG/KG
SC-21602-S	4/2/1999	BENZO(A)PYRENE	20	40	UG/KG
SC-21603-S	4/2/1999	BENZO(A)PYRENE	18.5	37	UG/KG
SC-21604-S	4/2/1999	BENZO(A)PYRENE	20.5	41	UG/KG
SC-21605-S	4/2/1999	BENZO(A)PYRENE	20.5	41	UG/KG
SC-21606-S	4/1/1999	BENZO(A)PYRENE	20.5	41	UG/KG
SC-21607-S	4/2/1999	BENZO(A)PYRENE	21	42	UG/KG
SC-21608-S	4/2/1999	BENZO(A)PYRENE	21	42	UG/KG
SC-21609-S	4/2/1999	BENZO(A)PYRENE	19	38	UG/KG
SC-21610-S	4/2/1999	BENZO(A)PYRENE	20.5	41	UG/KG

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21611-S	4/1/1999	BENZO(A)PYRENE	20.5	41	UG/KG
SC-21612-S	4/1/1999	BENZO(A)PYRENE	20.5	41	UG/KG
SC-21613-S	4/2/1999	BENZO(A)PYRENE	20	40	UG/KG
SC-21614-S	4/2/1999	BENZO(A)PYRENE	21	42	UG/KG
SC-21615-S	4/2/1999	BENZO(A)PYRENE	20	40	UG/KG
SC-21616-S	4/1/1999	BENZO(A)PYRENE	22.5	45	UG/KG
SC-21617-S	4/1/1999	BENZO(A)PYRENE	21	42	UG/KG
SC-21618-S	4/2/1999	BENZO(A)PYRENE	20	40	UG/KG
SC-21619-S	4/2/1999	BENZO(A)PYRENE	20	40	UG/KG
SC-21620-S	4/2/1999	BENZO(A)PYRENE	21.5	43	UG/KG
SC-18905-S	4/17/2000	BENZO(B)FLUORANTHENE	7	14	UG/KG
SC-18906-S	7/30/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-18910-C	4/17/2000	BENZO(B)FLUORANTHENE	6.5	13	UG/KG
SC-18910-S	4/17/2000	BENZO(B)FLUORANTHENE	7.5	15	UG/KG
SC-18911-S	7/30/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-18912-S	7/30/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-18915-S	4/17/2000	BENZO(B)FLUORANTHENE	7.5	15	UG/KG
SC-18916-S	7/30/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-18917-S	7/30/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-18918-S	7/30/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-18921-S	7/30/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-18922-S	7/30/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-18923-S	7/30/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-18924-C	4/6/2000	BENZO(B)FLUORANTHENE	9.5	19	UG/KG
SC-18924-S	9/30/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-18924-S-RS	10/5/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-19006-S	8/3/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19007-S	8/3/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-19008-S	7/30/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19009-S	7/30/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-19010-S	7/30/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-19011-S	8/3/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-19012-S	8/3/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19013-S	7/30/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-19014-S	7/30/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-19015-S	7/30/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-19016-S	8/3/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-19017-S	8/3/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19018-S	7/30/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-19019-S	7/30/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-19020-S	7/30/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19021-C	8/3/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19021-S	8/3/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19022-S	8/3/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-19023-S	7/30/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19024-S	7/30/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19025-S	7/30/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19106-S	8/5/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19107-S	8/5/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19108-S	8/5/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19109-S	8/5/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19110-S	8/5/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-19111-S	8/5/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19112-S	8/5/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19113-S	8/5/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG

APPENDIX B WP-437 RU22 FINAL DATA

WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19114-S	8/5/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-19115-S	8/5/1999	BENZO(B)FLUORANTHENE	29	16	UG/KG
SC-19116-S	8/5/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19117-S	8/5/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19118-S	8/5/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19119-S	8/5/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19120-S	8/5/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19121-S	8/5/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19122-S	8/5/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19123-S	8/5/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19124-S	8/5/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19125-C	8/5/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19125-S	8/5/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19216-S	8/5/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19220-S	8/5/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19221-S	8/5/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19225-S	8/5/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19226-S	8/5/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19227-S	8/5/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19301-S	7/30/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19302-S	7/30/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19303-S	7/30/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-19304-S	4/6/2000	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-19305-S	4/6/2000	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-19306-S	7/30/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19307-S	7/30/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19308-S	7/30/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-19309-S	7/30/1999	BENZO(B)FLUORANTHENE	18	17	UG/KG
SC-19309-S-RS2	4/6/2000	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19310-S	4/6/2000	BENZO(B)FLUORANTHENE	22	17	UG/KG
SC-19311-S	7/30/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-19312-S	7/30/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-19313-S	7/30/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19314-S	7/30/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-19315-S	4/6/2000	BENZO(B)FLUORANTHENE	23	18	UG/KG
SC-19316-S	7/30/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19317-S	5/2/2000	BENZO(B)FLUORANTHENE	2.315	4.63	UG/KG
SC-19318-S	5/2/2000	BENZO(B)FLUORANTHENE	2.21	4.42	UG/KG
SC-19319-S	5/2/2000	BENZO(B)FLUORANTHENE	2.405	4.81	UG/KG
SC-19320-S	4/6/2000	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-19401-S	8/3/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19402-S	8/3/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19403-S	7/30/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19404-S	7/30/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19405-S	7/30/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19406-S	8/3/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19407-S	8/3/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19408-S	7/30/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19409-S	7/30/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-19410-S	7/30/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19411-S	8/3/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19412-S	8/3/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19413-S	7/30/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19414-S	7/30/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19415-S	7/30/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19416-S	8/3/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19417-S	8/3/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19418-S	8/3/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19419-S	8/3/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19420-S	7/30/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19501-S	8/5/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19502-S	8/5/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19503-S	8/5/1999	BENZO(B)FLUORANTHENE	7.5	15	UG/KG
SC-19504-S	8/5/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19505-S	8/5/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19506-S	8/5/1999	BENZO(B)FLUORANTHENE	63	16	UG/KG
SC-19507-S	8/5/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19508-S	8/5/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19509-S	8/5/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19510-S	8/5/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19511-S	8/5/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19512-S	8/5/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19513-S	8/5/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19514-S	8/5/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19515-S	8/5/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19516-S	8/5/1999	BENZO(B)FLUORANTHENE	31	16	UG/KG
SC-19517-S	8/5/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19518-S	8/5/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-19519-S	8/5/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19520-S	8/5/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19604-S	8/5/1999	BENZO(B)FLUORANTHENE	7.5	15	UG/KG
SC-19605-S	8/5/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19606-S	8/5/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19610-S	8/26/1999	BENZO(B)FLUORANTHENE	140	16	UG/KG
SC-19611-S	8/26/1999	BENZO(B)FLUORANTHENE	10.5	21	UG/KG
SC-19612-S	8/5/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19613-S	8/5/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19618-S	8/26/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19619-S	8/26/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19620-S	8/26/1999	BENZO(B)FLUORANTHENE	21	18	UG/KG
SC-19621-S	8/5/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19701-U	5/2/2000	BENZO(B)FLUORANTHENE	2.4	4.8	UG/KG
SC-19702-U	5/2/2000	BENZO(B)FLUORANTHENE	2.45	4.9	UG/KG
SC-19717-S	5/1/2000	BENZO(B)FLUORANTHENE	2.315	4.63	UG/KG
SC-19718-S	5/1/2000	BENZO(B)FLUORANTHENE	2.185	4.37	UG/KG
SC-19801-C	5/12/2000	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-19802-S	5/2/2000	BENZO(B)FLUORANTHENE	2.68	5.36	UG/KG
SC-19803-S	5/2/2000	BENZO(B)FLUORANTHENE	2.25	4.5	UG/KG
SC-19807-S	5/2/2000	BENZO(B)FLUORANTHENE	2.405	4.81	UG/KG
SC-19808-S	5/2/2000	BENZO(B)FLUORANTHENE	2.315	4.63	UG/KG
SC-19812-S	4/5/2000	BENZO(B)FLUORANTHENE	7	14	UG/KG
SC-19813-S	4/5/2000	BENZO(B)FLUORANTHENE	7	14	UG/KG
SC-19817-S	3/31/2000	BENZO(B)FLUORANTHENE	20	17	UG/KG
SC-19818-S	4/5/2000	BENZO(B)FLUORANTHENE	7	14	UG/KG
SC-19901-S	8/3/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19902-S	8/3/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19903-S	7/30/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19904-S	7/30/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19905-S	8/3/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19906-S	8/3/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG

APPENDIX B WP-437 RU22 FINAL DATA

WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19907-S	7/30/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19908-S	7/30/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-19909-S	8/3/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19910-S	8/3/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19911-S	7/30/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19912-S	3/31/2000	BENZO(B)FLUORANTHENE	10	20	UG/KG
SC-19913-S	8/3/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19914-S	8/3/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-19915-S	3/31/2000	BENZO(B)FLUORANTHENE	9.5	19	UG/KG
SC-19916-S	3/31/2000	BENZO(B)FLUORANTHENE	9.5	19	UG/KG
SC-19917-S	8/3/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-19918-S	3/31/2000	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-19919-S	3/31/2000	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-19920-S	3/31/2000	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-20001-S	8/3/1999	BENZO(B)FLUORANTHENE	20	17	UG/KG
SC-20002-S	8/3/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-20003-S	8/3/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-20004-S	8/3/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-20005-S	8/3/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-20006-S	8/31/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-20007-S	8/3/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-20008-S	8/3/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-20009-S	8/3/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-20010-S	8/3/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-20011-S	8/26/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-20012-S	8/26/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-20013-S	8/3/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-20014-S	8/3/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-20015-S	8/3/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-20016-S	8/26/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-20017-S	8/26/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-20018-S	8/3/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-20019-S	8/3/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-20020-S	8/3/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-20301-S	8/26/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-20302-S	8/26/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-20303-S	8/26/1999	BENZO(B)FLUORANTHENE	22	16	UG/KG
SC-20304-S	8/5/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-20305-S	8/31/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-20306-S	8/26/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-20307-S	8/26/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-20308-S	8/31/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-20311-S	8/31/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-20312-S	8/26/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-20316-S	8/31/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-20401-S	8/31/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-20402-S	8/26/1999	BENZO(B)FLUORANTHENE	20	17	UG/KG
SC-20403-S	8/26/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-20404-S	8/3/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-20405-S	8/3/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-20406-S	8/31/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-20407-S	8/31/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-20408-S	8/26/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-20409-S	8/26/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-20410-S	8/26/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG

WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20412-S	8/31/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-20413-S	8/26/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-20414-S	8/26/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-20414-S-RS	3/24/2000	BENZO(B)FLUORANTHENE	7.5	15	UG/KG
SC-20415-S	8/26/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-20415-S-RS	3/24/2000	BENZO(B)FLUORANTHENE	7	14	UG/KG
SC-20417-S	8/31/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-20418-S	8/31/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-20419-S	3/17/2000	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-20420-S	3/17/2000	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-20501-U	4/26/2000	BENZO(B)FLUORANTHENE	7.5	15	UG/KG
SC-20503-S	8/26/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-20503-S-RS	3/24/2000	BENZO(B)FLUORANTHENE	7.5	15	UG/KG
SC-20504-S	3/31/2000	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-20505-S	3/31/2000	BENZO(B)FLUORANTHENE	23	17	UG/KG
SC-20506-S	3/31/2000	BENZO(B)FLUORANTHENE	9.5	19	UG/KG
SC-20510-S	3/17/2000	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-20511-S	3/17/2000	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-20512-S	3/17/2000	BENZO(B)FLUORANTHENE	9.5	19	UG/KG
SC-20515-S	3/17/2000	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-20516-S	3/17/2000	BENZO(B)FLUORANTHENE	9.5	19	UG/KG
SC-20517-S	3/17/2000	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-20518-S	3/17/2000	BENZO(B)FLUORANTHENE	9.5	19	UG/KG
SC-20519-S	3/17/2000	BENZO(B)FLUORANTHENE	19	17	UG/KG
SC-20702-S	3/29/2000	BENZO(B)FLUORANTHENE	7	14	UG/KG
SC-20705-S	3/29/2000	BENZO(B)FLUORANTHENE	7	14	UG/KG
SC-20706-S	3/29/2000	BENZO(B)FLUORANTHENE	7	14	UG/KG
SC-20905-S	4/19/2000	BENZO(B)FLUORANTHENE	7.25	14.5	UG/KG
SC-20906-S	4/19/2000	BENZO(B)FLUORANTHENE	7.15	14.3	UG/KG
SC-20908-S	4/26/2000	BENZO(B)FLUORANTHENE	7	14	UG/KG
SC-20909-S	4/19/2000	BENZO(B)FLUORANTHENE	7.2	14.4	UG/KG
SC-20910-S	4/19/2000	BENZO(B)FLUORANTHENE	7.25	14.5	UG/KG
SC-20913-S	4/19/2000	BENZO(B)FLUORANTHENE	7	14	UG/KG
SC-20914-S	4/26/2000	BENZO(B)FLUORANTHENE	7	14	UG/KG
SC-20917-S	4/26/2000	BENZO(B)FLUORANTHENE	7	14	UG/KG
SC-20918-C	4/26/2000	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-20918-S	4/26/2000	BENZO(B)FLUORANTHENE	7.5	15	UG/KG
SC-21101-S	3/29/2000	BENZO(B)FLUORANTHENE	7.5	15	UG/KG
SC-21102-S	3/29/2000	BENZO(B)FLUORANTHENE	7.5	15	UG/KG
SC-21103-S	3/29/2000	BENZO(B)FLUORANTHENE	7.5	15	UG/KG
SC-21104-S	4/6/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-21105-S	4/6/1999	BENZO(B)FLUORANTHENE	8.5	17	UG/KG
SC-21106-S	3/29/2000	BENZO(B)FLUORANTHENE	7.5	15	UG/KG
SC-21107-S	4/2/1999	BENZO(B)FLUORANTHENE	20	40	UG/KG
SC-21107-S-RS	4/12/2000	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-21108-S	6/15/1999	BENZO(B)FLUORANTHENE	9.5	19	UG/KG
SC-21109-S	4/6/1999	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-21110-S	4/6/1999	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-21111-S	4/2/1999	BENZO(B)FLUORANTHENE	18	36	UG/KG
SC-21112-S	4/2/1999	BENZO(B)FLUORANTHENE	20	40	UG/KG
SC-21113-S	4/2/1999	BENZO(B)FLUORANTHENE	18	36	UG/KG
SC-21114-S	4/2/1999	BENZO(B)FLUORANTHENE	21	42	UG/KG
SC-21115-S	4/2/1999	BENZO(B)FLUORANTHENE	20.5	41	UG/KG
SC-21116-S	4/1/1999	BENZO(B)FLUORANTHENE	18	36	UG/KG
SC-21117-S	4/2/1999	BENZO(B)FLUORANTHENE	19	38	UG/KG

APPENDIX B WP-437 RU22 FINAL DATA

WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21118-S	4/2/1999	BENZO(B)FLUORANTHENE	20	40	UG/KG
SC-21119-S	4/2/1999	BENZO(B)FLUORANTHENE	19	38	UG/KG
SC-21120-S	4/2/1999	BENZO(B)FLUORANTHENE	20	40	UG/KG
SC-21201-S	3/17/2000	BENZO(B)FLUORANTHENE	9.5	19	UG/KG
SC-21201-U	4/14/2000	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-21202-S	3/17/2000	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-21203-S	3/17/2000	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-21204-S	3/17/2000	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-21205-S	3/29/2000	BENZO(B)FLUORANTHENE	7	14	UG/KG
SC-21206-S	3/17/2000	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-21207-S	3/17/2000	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-21208-S	3/17/2000	BENZO(B)FLUORANTHENE	9.5	19	UG/KG
SC-21209-S	3/17/2000	BENZO(B)FLUORANTHENE	9.5	19	UG/KG
SC-21210-S	3/29/2000	BENZO(B)FLUORANTHENE	7	14	UG/KG
SC-21211-S	3/17/2000	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-21212-S	3/17/2000	BENZO(B)FLUORANTHENE	10	20	UG/KG
SC-21213-S	3/17/2000	BENZO(B)FLUORANTHENE	8	16	UG/KG
SC-21214-S	3/24/2000	BENZO(B)FLUORANTHENE	7	14	UG/KG
SC-21215-S	3/24/2000	BENZO(B)FLUORANTHENE	7	14	UG/KG
SC-21216-S	3/17/2000	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-21217-S	3/24/2000	BENZO(B)FLUORANTHENE	6.5	13	UG/KG
SC-21218-S	3/24/2000	BENZO(B)FLUORANTHENE	7	14	UG/KG
SC-21219-S	3/24/2000	BENZO(B)FLUORANTHENE	7	14	UG/KG
SC-21220-S	4/1/1999	BENZO(B)FLUORANTHENE	20	40	UG/KG
SC-21305-S	3/17/2000	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-21306-S	3/17/2000	BENZO(B)FLUORANTHENE	9	18	UG/KG
SC-21313-S	3/17/2000	BENZO(B)FLUORANTHENE	9.5	19	UG/KG
SC-21319-S	3/17/2000	BENZO(B)FLUORANTHENE	9.5	19	UG/KG
SC-21501-S	3/24/2000	BENZO(B)FLUORANTHENE	7	14	UG/KG
SC-21502-S	4/1/1999	BENZO(B)FLUORANTHENE	21	42	UG/KG
SC-21503-S	4/1/1999	BENZO(B)FLUORANTHENE	20.5	41	UG/KG
SC-21504-S	4/1/1999	BENZO(B)FLUORANTHENE	20	40	UG/KG
SC-21505-S	4/1/1999	BENZO(B)FLUORANTHENE	20.5	41	UG/KG
SC-21506-S	4/1/1999	BENZO(B)FLUORANTHENE	20.5	41	UG/KG
SC-21507-S	4/1/1999	BENZO(B)FLUORANTHENE	21	42	UG/KG
SC-21508-S	4/1/1999	BENZO(B)FLUORANTHENE	20	40	UG/KG
SC-21509-S	4/1/1999	BENZO(B)FLUORANTHENE	21	42	UG/KG
SC-21510-S	4/1/1999	BENZO(B)FLUORANTHENE	20	40	UG/KG
SC-21511-S	4/1/1999	BENZO(B)FLUORANTHENE	21.5	43	UG/KG
SC-21512-S	4/1/1999	BENZO(B)FLUORANTHENE	20	40	UG/KG
SC-21513-S	4/1/1999	BENZO(B)FLUORANTHENE	21.5	43	UG/KG
SC-21514-S	4/1/1999	BENZO(B)FLUORANTHENE	20.5	41	UG/KG
SC-21515-S	4/1/1999	BENZO(B)FLUORANTHENE	20	40	UG/KG
SC-21516-S	4/1/1999	BENZO(B)FLUORANTHENE	21	42	UG/KG
SC-21518-S	4/1/1999	BENZO(B)FLUORANTHENE	20	40	UG/KG
SC-21519-S	4/1/1999	BENZO(B)FLUORANTHENE	22.5	45	UG/KG
SC-21520-S	4/1/1999	BENZO(B)FLUORANTHENE	21.5	43	UG/KG
SC-21601-S	4/1/1999	BENZO(B)FLUORANTHENE	20	40	UG/KG
SC-21602-S	4/2/1999	BENZO(B)FLUORANTHENE	20	40	UG/KG
SC-21603-S	4/2/1999	BENZO(B)FLUORANTHENE	18.5	37	UG/KG
SC-21604-S	4/2/1999	BENZO(B)FLUORANTHENE	20.5	41	UG/KG
SC-21605-S	4/2/1999	BENZO(B)FLUORANTHENE	20.5	41	UG/KG
SC-21606-S	4/1/1999	BENZO(B)FLUORANTHENE	20.5	41	UG/KG
SC-21607-S	4/2/1999	BENZO(B)FLUORANTHENE	21	42	UG/KG
SC-21608-S	4/2/1999	BENZO(B)FLUORANTHENE	21	42	UG/KG

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21609-S	4/2/1999	BENZO(B)FLUORANTHENE	19	38	UG/KG
SC-21610-S	4/2/1999	BENZO(B)FLUORANTHENE	20.5	41	UG/KG
SC-21611-S	4/1/1999	BENZO(B)FLUORANTHENE	20.5	41	UG/KG
SC-21612-S	4/1/1999	BENZO(B)FLUORANTHENE	20.5	41	UG/KG
SC-21613-S	4/2/1999	BENZO(B)FLUORANTHENE	20	40	UG/KG
SC-21614-S	4/2/1999	BENZO(B)FLUORANTHENE	21	42	UG/KG
SC-21615-S	4/2/1999	BENZO(B)FLUORANTHENE	20	40	UG/KG
SC-21616-S	4/1/1999	BENZO(B)FLUORANTHENE	22.5	45	UG/KG
SC-21617-S	4/1/1999	BENZO(B)FLUORANTHENE	21	42	UG/KG
SC-21618-S	4/2/1999	BENZO(B)FLUORANTHENE	20	40	UG/KG
SC-21619-S	4/2/1999	BENZO(B)FLUORANTHENE	20	40	UG/KG
SC-21620-S	4/2/1999	BENZO(B)FLUORANTHENE	21.5	43	UG/KG
SC-18905-S	4/17/2000	BENZO(K)FLUORANTHENE	6.5	13	UG/KG
SC-18906-S	7/30/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-18910-C	4/17/2000	BENZO(K)FLUORANTHENE	6	12	UG/KG
SC-18910-S	4/17/2000	BENZO(K)FLUORANTHENE	7	14	UG/KG
SC-18911-S	7/30/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-18912-S	7/30/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-18915-S	4/17/2000	BENZO(K)FLUORANTHENE	6.5	13	UG/KG
SC-18916-S	7/30/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-18917-S	7/30/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-18918-S	7/30/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-18921-S	7/30/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-18922-S	7/30/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-18923-S	7/30/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-18924-C	4/6/2000	BENZO(K)FLUORANTHENE	9 5	19	UG/KG
SC-18924-S	9/30/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-18924-S-RS	10/5/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-19006-S	8/3/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19007-S	8/3/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-19008-S	7/30/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19009-S	7/30/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-19010-S	7/30/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-19011-S	8/3/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-19012-S	8/3/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19013-S	7/30/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-19014-S	7/30/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-19015-S	7/30/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-19016-S	8/3/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-19017-S	8/3/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19018-S	7/30/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-19019-S	7/30/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-19020-S	7/30/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19021-C	8/3/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19021-S	8/3/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19022-S	8/3/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-19023-S	7/30/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19024-S	7/30/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19025-S	7/30/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19106-S	8/5/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19107-S	8/5/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19108-S	8/5/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19109-S	8/5/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19110-S	8/5/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-19111-S	8/5/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19112-S	8/5/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19113-S	8/5/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19114-S	8/5/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-19115-S	8/5/1999	BENZO(K)FLUORANTHENE	28	16	UG/KG
SC-19116-S	8/5/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19117-S	8/5/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19118-S	8/5/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19119-S	8/5/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19120-S	8/5/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19121-S	8/5/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19122-S	8/5/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19123-S	8/5/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19124-S	8/5/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19125-C	8/5/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19125-S	8/5/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19216-S	8/5/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19220-S	8/5/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19221-S	8/5/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19225-S	8/5/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19226-S	8/5/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19227-S	8/5/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19301-S	7/30/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19302-S	7/30/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19303-S	7/30/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-19304-S	4/6/2000	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-19305-S	4/6/2000	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-19306-S	7/30/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19307-S	7/30/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19308-S	7/30/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-19309-S	7/30/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19309-S-RS2	4/6/2000	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19310-S	4/6/2000	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19311-S	7/30/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-19312-S	7/30/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-19313-S	7/30/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19314-S	7/30/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-19315-S	4/6/2000	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-19316-S	7/30/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19317-S	5/2/2000	BENZO(K)FLUORANTHENE	2.12	4.24	UG/KG
SC-19318-S	5/2/2000	BENZO(K)FLUORANTHENE	2.025	4.05	UG/KG
SC-19319-S	5/2/2000	BENZO(K)FLUORANTHENE	2.205	4.41	UG/KG
SC-19320-S	4/6/2000	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-19401-S	8/3/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19402-S	8/3/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19403-S	7/30/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19404-S	7/30/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19405-S	7/30/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19406-S	8/3/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19407-S	8/3/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19408-S	7/30/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19409-S	7/30/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-19410-S	7/30/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19411-S	8/3/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19412-S	8/3/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19413-S	7/30/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19414-S	7/30/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19415-S	7/30/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19416-S	8/3/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19417-S	8/3/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19418-S	8/3/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19419-S	8/3/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19420-S	7/30/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19501-S	8/5/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19502-S	8/5/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19503-S	8/5/1999	BENZO(K)FLUORANTHENE	7.5	15	UG/KG
SC-19504-S	8/5/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19505-S	8/5/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19506-S	8/5/1999	BENZO(K)FLUORANTHENE	33	16	UG/KG
SC-19507-S	8/5/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19508-S	8/5/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19509-S	8/5/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19510-S	8/5/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19511-S	8/5/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19512-S	8/5/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19513-S	8/5/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19514-S	8/5/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19515-S	8/5/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19516-S	8/5/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19517-S	8/5/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19518-S	8/5/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-19519-S	8/5/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19520-S	8/5/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19604-S	8/5/1999	BENZO(K)FLUORANTHENE	7.5	15	UG/KG
SC-19605-S	8/5/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19606-S	8/5/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19610-S	8/26/1999	BENZO(K)FLUORANTHENE	89	16	UG/KG
SC-19611-S	8/26/1999	BENZO(K)FLUORANTHENE	10 5	21	UG/KG
SC-19612-S	8/5/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19613-S	8/5/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19618-S	8/26/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19619-S	8/26/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19620-S	8/26/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-19621-S	8/5/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19701-U	5/2/2000	BENZO(K)FLUORANTHENE	2.2	4.4	UG/KG
SC-19702-U	5/2/2000	BENZO(K)FLUORANTHENE	2.25	4.5	UG/KG
SC-19717-S	5/1/2000	BENZO(K)FLUORANTHENE	2.125	4.25	UG/KG
SC-19718-S	5/1/2000	BENZO(K)FLUORANTHENE	2	4	UG/KG
SC-19801-C	5/12/2000	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-19802-S	5/2/2000	BENZO(K)FLUORANTHENE	2.455	4.91	UG/KG
SC-19803-S	5/2/2000	BENZO(K)FLUORANTHENE	2.065	4.13	UG/KG
SC-19807-S	5/2/2000	BENZO(K)FLUORANTHENE	2.205	4.41	UG/KG
SC-19808-S	5/2/2000	BENZO(K)FLUORANTHENE	2.125	4.25	UG/KG
SC-19812-S	4/5/2000	BENZO(K)FLUORANTHENE	6.5	13	UG/KG
SC-19813-S	4/5/2000	BENZO(K)FLUORANTHENE	6.5	13	UG/KG
SC-19817-S	3/31/2000	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19818-S	4/5/2000	BENZO(K)FLUORANTHENE	6	12	UG/KG
SC-19901-S	8/3/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19902-S	8/3/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19903-S	7/30/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19904-S	7/30/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19905-S	8/3/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19906-S	8/3/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-19907-S	7/30/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19908-S	7/30/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-19909-S	8/3/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19910-S	8/3/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19911-S	7/30/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19912-S	3/31/2000	BENZO(K)FLUORANTHENE	10	20	UG/KG
SC-19913-S	8/3/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19914-S	8/3/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-19915-S	3/31/2000	BENZO(K)FLUORANTHENE	9.5	19	UG/KG
SC-19916-S	3/31/2000	BENZO(K)FLUORANTHENE	9.5	19	UG/KG
SC-19917-S	8/3/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-19918-S	3/31/2000	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-19919-S	3/31/2000	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-19920-S	3/31/2000	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-20001-S	8/3/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-20002-S	8/3/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-20003-S	8/3/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-20004-S	8/3/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-20005-S	8/3/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-20006-S	8/31/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-20007-S	8/3/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-20008-S	8/3/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-20009-S	8/3/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-20010-S	8/3/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-20011-S	8/26/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-20012-S	8/26/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-20013-S	8/3/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-20014-S	8/3/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-20015-S	8/3/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-20016-S	8/26/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-20017-S	8/26/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-20018-S	8/3/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-20019-S	8/3/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-20020-S	8/3/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-20301-S	8/26/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-20302-S	8/26/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-20303-S	8/26/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-20304-S	8/5/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-20305-S	8/31/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-20306-S	8/26/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-20307-S	8/26/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-20308-S	8/31/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-20311-S	8/31/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-20312-S	8/26/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-20316-S	8/31/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-20401-S	8/31/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-20402-S	8/26/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-20403-S	8/26/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-20404-S	8/3/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-20405-S	8/3/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-20406-S	8/31/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-20407-S	8/31/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-20408-S	8/26/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20409-S	8/26/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-20410-S	8/26/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-20412-S	8/31/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-20413-S	8/26/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-20414-S	8/26/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-20414-S-RS	3/24/2000	BENZO(K)FLUORANTHENE	7	14	UG/KG
SC-20415-S	8/26/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-20415-S-RS	3/24/2000	BENZO(K)FLUORANTHENE	6.5	13	UG/KG
SC-20417-S	8/31/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-20418-S	8/31/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-20419-S	3/17/2000	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-20420-S	3/17/2000	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-20501-U	4/26/2000	BENZO(K)FLUORANTHENE	7	14	UG/KG
SC-20503-S	8/26/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-20503-S-RS	3/24/2000	BENZO(K)FLUORANTHENE	7	14	UG/KG
SC-20504-S	3/31/2000	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-20505-S	3/31/2000	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-20506-S	3/31/2000	BENZO(K)FLUORANTHENE	9 5	19	UG/KG
SC-20510-S	3/17/2000	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-20511-S	3/17/2000	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-20512-S	3/17/2000	BENZO(K)FLUORANTHENE	9.5	19	UG/KG
SC-20515-S	3/17/2000	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-20516-S	3/17/2000	BENZO(K)FLUORANTHENE	9.5	19	UG/KG
SC-20517-S	3/17/2000	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-20518-S	3/17/2000	BENZO(K)FLUORANTHENE	9.5	19	UG/KG
SC-20519-S	3/17/2000	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-20702-S	3/29/2000	BENZO(K)FLUORANTHENE	6.5	13	UG/KG
SC-20705-S	3/29/2000	BENZO(K)FLUORANTHENE	6.5	13	UG/KG
SC-20706-S	3/29/2000	BENZO(K)FLUORANTHENE	6.5	13	UG/KG
SC-20905-S	4/19/2000	BENZO(K)FLUORANTHENE	6.65	13.3	UG/KG
SC-20906-S	4/19/2000	BENZO(K)FLUORANTHENE	6.55	13.1	UG/KG
SC-20908-S	4/26/2000	BENZO(K)FLUORANTHENE	6.5	13	UG/KG
SC-20909-S	4/19/2000	BENZO(K)FLUORANTHENE	6.6	13.2	UG/KG
SC-20910-S	4/19/2000	BENZO(K)FLUORANTHENE	6.65	13.3	UG/KG
SC-20913-S	4/19/2000	BENZO(K)FLUORANTHENE	6.45	12.9	UG/KG
SC-20914-S	4/26/2000	BENZO(K)FLUORANTHENE	6.5	13	UG/KG
SC-20917-S	4/26/2000	BENZO(K)FLUORANTHENE	6	12	UG/KG
SC-20918-C	4/26/2000	BENZO(K)FLUORANTHENE	7	14	UG/KG
SC-20918-S	4/26/2000	BENZO(K)FLUORANTHENE	7	14	UG/KG
SC-21101-S	3/29/2000	BENZO(K)FLUORANTHENE	6.5	13	UG/KG
SC-21102-S	3/29/2000	BENZO(K)FLUORANTHENE	7	14	UG/KG
SC-21103-S	3/29/2000	BENZO(K)FLUORANTHENE	6.5	13	UG/KG
SC-21104-S	4/6/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-21105-S	4/6/1999	BENZO(K)FLUORANTHENE	8.5	17	UG/KG
SC-21106-S	3/29/2000	BENZO(K)FLUORANTHENE	7	14	UG/KG
SC-21107-S	4/2/1999	BENZO(K)FLUORANTHENE	20	40	UG/KG
SC-21107-S-RS	4/12/2000	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-21108-S	6/15/1999	BENZO(K)FLUORANTHENE	9.5	19	UG/KG
SC-21109-S	4/6/1999	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-21110-S	4/6/1999	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-21111-S	4/2/1999	BENZO(K)FLUORANTHENE	18	36	UG/KG
SC-21112-S	4/2/1999	BENZO(K)FLUORANTHENE	20	40	UG/KG
SC-21113-S	4/2/1999	BENZO(K)FLUORANTHENE	18	36	UG/KG
SC-21114-S	4/2/1999	BENZO(K)FLUORANTHENE	21	42	UG/KG
SC-21115-S	4/2/1999	BENZO(K)FLUORANTHENE	20.5	41	UG/KG

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21116-S	4/1/1999	BENZO(K)FLUORANTHENE	18	36	UG/KG
SC-21117-S	4/2/1999	BENZO(K)FLUORANTHENE	19	38	UG/KG
SC-21118-S	4/2/1999	BENZO(K)FLUORANTHENE	20	40	UG/KG
SC-21119-S	4/2/1999	BENZO(K)FLUORANTHENE	19	38	UG/KG
SC-21120-S	4/2/1999	BENZO(K)FLUORANTHENE	20	40	UG/KG
SC-21201-S	3/17/2000	BENZO(K)FLUORANTHENE	9.5	19	UG/KG
SC-21201-U	4/14/2000	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-21202-S	3/17/2000	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-21203-S	3/17/2000	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-21204-S	3/17/2000	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-21205-S	3/29/2000	BENZO(K)FLUORANTHENE	6.5	13	UG/KG
SC-21206-S	3/17/2000	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-21207-S	3/17/2000	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-21208-S	3/17/2000	BENZO(K)FLUORANTHENE	9.5	19	UG/KG
SC-21209-S	3/17/2000	BENZO(K)FLUORANTHENE	9.5	19	UG/KG
SC-21210-S	3/29/2000	BENZO(K)FLUORANTHENE	6.5	13	UG/KG
SC-21211-S	3/17/2000	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-21212-S	3/17/2000	BENZO(K)FLUORANTHENE	10	20	UG/KG
SC-21213-S	3/17/2000	BENZO(K)FLUORANTHENE	8	16	UG/KG
SC-21214-S	3/24/2000	BENZO(K)FLUORANTHENE	6.5	13	UG/KG
SC-21215-S	3/24/2000	BENZO(K)FLUORANTHENE	6.5	13	UG/KG
SC-21216-S	3/17/2000	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-21217-S	3/24/2000	BENZO(K)FLUORANTHENE	6	12	UG/KG
SC-21218-S	3/24/2000	BENZO(K)FLUORANTHENE	6.5	13	UG/KG
SC-21219-S	3/24/2000	BENZO(K)FLUORANTHENE	6.5	13	UG/KG
SC-21220-S	4/1/1999	BENZO(K)FLUORANTHENE	20	40	UG/KG
SC-21305-S	3/17/2000	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-21306-S	3/17/2000	BENZO(K)FLUORANTHENE	9	18	UG/KG
SC-21313-S	3/17/2000	BENZO(K)FLUORANTHENE	9.5	19	UG/KG
SC-21319-S	3/17/2000	BENZO(K)FLUORANTHENE	9.5	19	UG/KG
SC-21501-S	3/24/2000	BENZO(K)FLUORANTHENE	6.5	13	UG/KG
SC-21502-S	4/1/1999	BENZO(K)FLUORANTHENE	21	42	UG/KG
SC-21503-S	4/1/1999	BENZO(K)FLUORANTHENE	20.5	41	UG/KG
SC-21504-S	4/1/1999	BENZO(K)FLUORANTHENE	20	40	UG/KG
SC-21505-S	4/1/1999	BENZO(K)FLUORANTHENE	20.5	41	UG/KG
SC-21506-S	4/1/1999	BENZO(K)FLUORANTHENE	20.5	41	UG/KG
SC-21507-S	4/1/1999	BENZO(K)FLUORANTHENE	21	42	UG/KG
SC-21508-S	4/1/1999	BENZO(K)FLUORANTHENE	20	40	UG/KG
SC-21509-S	4/1/1999	BENZO(K)FLUORANTHENE	21	42	UG/KG
SC-21510-S	4/1/1999	BENZO(K)FLUORANTHENE	20	40	UG/KG
SC-21511-S	4/1/1999	BENZO(K)FLUORANTHENE	21.5	43	UG/KG
SC-21512-S	4/1/1999	BENZO(K)FLUORANTHENE	20	40	UG/KG
SC-21513-S	4/1/1999	BENZO(K)FLUORANTHENE	21.5	43	UG/KG
SC-21514-S	4/1/1999	BENZO(K)FLUORANTHENE	20.5	41	UG/KG
SC-21515-S	4/1/1999	BENZO(K)FLUORANTHENE	20	40	UG/KG
SC-21516-S	4/1/1999	BENZO(K)FLUORANTHENE	21	42	UG/KG
SC-21518-S	4/1/1999	BENZO(K)FLUORANTHENE	20	40	UG/KG
SC-21519-S	4/1/1999	BENZO(K)FLUORANTHENE	22.5	45	UG/KG
SC-21520-S	4/1/1999	BENZO(K)FLUORANTHENE	21.5	43	UG/KG
SC-21601-S	4/1/1999	BENZO(K)FLUORANTHENE	20	40	UG/KG
SC-21602-S	4/2/1999	BENZO(K)FLUORANTHENE	20	40	UG/KG
SC-21603-S	4/2/1999	BENZO(K)FLUORANTHENE	18.5	37	UG/KG
SC-21604-S	4/2/1999	BENZO(K)FLUORANTHENE	20.5	41	UG/KG
SC-21605-S	4/2/1999	BENZO(K)FLUORANTHENE	20.5	41	UG/KG
SC-21606-S	4/1/1999	BENZO(K)FLUORANTHENE	20.5	41	UG/KG

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21607-S	4/2/1999	BENZO(K)FLUORANTHENE	21	42	UG/KG
SC-21608-S	4/2/1999	BENZO(K)FLUORANTHENE	21	42	UG/KG
SC-21609-S	4/2/1999	BENZO(K)FLUORANTHENE	19	38	UG/KG
SC-21610-S	4/2/1999	BENZO(K)FLUORANTHENE	20.5	41	UG/KG
SC-21611-S	4/1/1999	BENZO(K)FLUORANTHENE	20.5	41	UG/KG
SC-21612-S	4/1/1999	BENZO(K)FLUORANTHENE	20.5	41	UG/KG
SC-21613-S	4/2/1999	BENZO(K)FLUORANTHENE	20	40	UG/KG
SC-21614-S	4/2/1999	BENZO(K)FLUORANTHENE	21	42	UG/KG
SC-21615-S	4/2/1999	BENZO(K)FLUORANTHENE	20	40	UG/KG
SC-21616-S	4/1/1999	BENZO(K)FLUORANTHENE	22.5	45	UG/KG
SC-21617-S	4/1/1999	BENZO(K)FLUORANTHENE	21	42	UG/KG
SC-21618-S	4/2/1999	BENZO(K)FLUORANTHENE	20	40	UG/KG
SC-21619-S	4/2/1999	BENZO(K)FLUORANTHENE	20	40	UG/KG
SC-21620-S	4/2/1999	BENZO(K)FLUORANTHENE	21.5	43	UG/KG
SC-18906-S	7/30/1999	CHROMIUM	17.6	0.16	UG/G
SC-18911-S	7/30/1999	CHROMIUM	22.7	0.17	UG/G
SC-18912-S	7/30/1999	CHROMIUM	18.6	0.16	UG/G
SC-18916-S	7/30/1999	CHROMIUM	22.3	0.17	UG/G
SC-18917-S	7/30/1999	CHROMIUM	15.6	0 17	UG/G
SC-18918-S	7/30/1999	CHROMIUM	15.7	0.16	UG/G
SC-18921-S	7/30/1999	CHROMIUM	14.7	0.16	UG/G
SC-18922-S	7/30/1999	CHROMIUM	14.6	0.16	UG/G
SC-18923-S	7/30/1999	CHROMIUM	19.5	0.17	UG/G
SC-18924-S	9/30/1999	CHROMIUM	20.5	0.18	UG/G
SC-18924-S-RS	10/5/1999	CHROMIUM	18.7	0.19	UG/G
SC-19006-S	8/3/1999	CHROMIUM	18.2	0.16	UG/G
SC-19007-S	8/3/1999	CHROMIUM	20	0.16	UG/G
SC-19008-S	7/30/1999	CHROMIUM	19.7	0.16	UG/G
SC-19009-S	7/30/1999	CHROMIUM	14.6	0.17	UG/G
SC-19010-S	7/30/1999	CHROMIUM	18.8	0.17	UG/G
SC-19011-S	8/3/1999	CHROMIUM	21	0.17	UG/G
SC-19012-S	8/3/1999	CHROMIUM	24.3	0.16	UG/G
SC-19013-S	7/30/1999	CHROMIUM	21.2	0.17	UG/G
SC-19014-S	7/30/1999	CHROMIUM	19	0.17	UG/G
SC-19015-S	7/30/1999	CHROMIUM	22.6	0.17	UG/G
SC-19016-S	8/3/1999	CHROMIUM	22.3	0.17	UG/G
SC-19017-S	8/3/1999	CHROMIUM	18.8	0.16	UG/G
SC-19018-S	7/30/1999	CHROMIUM	19 9	0.17	UG/G
SC-19019-S	7/30/1999	CHROMIUM	18	0.17	UG/G
SC-19020-S	7/30/1999	CHROMIUM	18.5	0.16	UG/G
SC-19021-C	8/3/1999	CHROMIUM	19.3	0.16	UG/G
SC-19021-S	8/3/1999	CHROMIUM	17.5	0.16	UG/G
SC-19022-S	8/3/1999	CHROMIUM	21.2	0.17	UG/G
SC-19023-S	7/30/1999	CHROMIUM	22.7	0.16	UG/G
SC-19024-S	7/30/1999	CHROMIUM	18.2	0.16	UG/G
SC-19025-S	7/30/1999	CHROMIUM	16.6	0.16	UG/G
SC-19106-S	8/5/1999	CHROMIUM	17.3	0.15	UG/G
SC-19107-S	8/5/1999	CHROMIUM	17.6	0.16	UG/G
SC-19108-S	8/5/1999	CHROMIUM	18.3	0.16	UG/G
SC-19109-S	8/5/1999	CHROMIUM	19.7	0.16	UG/G
SC-19110-S	8/5/1999	CHROMIUM	19.8	0.17	UG/G
SC-19111-S	8/5/1999	CHROMIUM	15.7	0.15	UG/G
SC-19112-S	8/5/1999	CHROMIUM	25.2	0.15	UG/G
SC-19113-S	8/5/1999	CHROMIUM	16.4	0.15	UG/G
SC-19114-S	8/5/1999	CHROMIUM	23.7	0.17	UG/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19115-S	8/5/1999	CHROMIUM	16	0.15	UG/G
SC-19116-S	8/5/1999	CHROMIUM	20.3	0.16	UG/G
SC-19117-S	8/5/1999	CHROMIUM	19.4	0.15	UG/G
SC-19118-S	8/5/1999	CHROMIUM	19.3	0.16	UG/G
SC-19119-S	8/5/1999	CHROMIUM	21.2	0.15	UG/G
SC-19120-S	8/5/1999	CHROMIUM	21.3	0.15	UG/G
SC-19121-S	8/5/1999	CHROMIUM	20.1	0.15	UG/G
SC-19122-S	8/5/1999	CHROMIUM	20.5	0.15	UG/G
SC-19123-S	8/5/1999	CHROMIUM	39	0.16	UG/G
SC-19124-S	8/5/1999	CHROMIUM	18	0.16	UG/G
SC-19125-C	8/5/1999	CHROMIUM	20.8	0.16	UG/G
SC-19125-S	8/5/1999	CHROMIUM	18.5	0.16	UG/G
SC-19216-S	8/5/1999	CHROMIUM	19.4	0.15	UG/G
SC-19220-S	8/5/1999	CHROMIUM	19.4	0.16	UG/G
SC-19221-S	8/5/1999	CHROMIUM	23	0.15	UG/G
SC-19225-S	8/5/1999	CHROMIUM	16.7	0.15	UG/G
SC-19226-S	8/5/1999	CHROMIUM	21.3	0.15	UG/G
SC-19227-S	8/5/1999	CHROMIUM	21.4	0.15	UG/G
SC-19301-S	7/30/1999	CHROMIUM	19.9	0.15	UG/G
SC-19302-S	7/30/1999	CHROMIUM	15.3	0.16	UG/G
SC-19303-S	7/30/1999	CHROMIUM	16	0.17	UG/G
SC-19304-S	4/6/2000	CHROMIUM	18.1	0.26	UG/G
SC-19306-S	7/30/1999	CHROMIUM	18.3	0.16	UG/G
SC-19307-S	7/30/1999	CHROMIUM	16.7	0.16	UG/G
SC-19308-S	7/30/1999	CHROMIUM	17.4	0.17	UG/G
SC-19309-S	7/30/1999	CHROMIUM	18.7	0.16	UG/G
SC-19309-S-RS2	4/6/2000	CHROMIUM	14.2	0.25	UG/G
SC-19311-S	7/30/1999	CHROMIUM	23.2	0.17	UG/G
SC-19312-S	7/30/1999	CHROMIUM	20	0.17	UG/G
SC-19313-S	7/30/1999	CHROMIUM	18.3	0.16	UG/G
SC-19314-S	7/30/1999	CHROMIUM	21.6	0.17	UG/G
SC-19316-S	7/30/1999	CHROMIUM	19.3	0.16	UG/G
SC-19317-S	5/2/2000	CHROMIUM	18.6	0.13	UG/G
SC-19318-S	5/2/2000	CHROMIUM	21	0.13	UG/G
SC-19319-S	5/2/2000	CHROMIUM	25.8	0.12	UG/G
SC-19320-S	4/6/2000	CHROMIUM	21.4	0.27	UG/G
SC-19401-S	8/3/1999	CHROMIUM	16.1	0.16	UG/G
SC-19402-S	8/3/1999	CHROMIUM	24.6	0.16	UG/G
SC-19403-S	7/30/1999	CHROMIUM	18	0.16	UG/G
SC-19404-S	7/30/1999	CHROMIUM	16.9	0.15	UG/G
SC-19405-S	7/30/1999	CHROMIUM	17.6	0.15	UG/G
SC-19406-S	8/3/1999	CHROMIUM	17.6	0.16	UG/G
SC-19407-S	8/3/1999	CHROMIUM	17.6	0.15	UG/G
SC-19408-S	7/30/1999	CHROMIUM	15.3	0.15	UG/G
SC-19409-S	7/30/1999	CHROMIUM	18.8	0.16	UG/G
SC-19410-S	7/30/1999	CHROMIUM	19.8	0.15	UG/G
SC-19411-S	8/3/1999	CHROMIUM	17.6	0.15	UG/G
SC-19412-S	8/3/1999	CHROMIUM	19.3	0.15	UG/G
SC-19413-S	7/30/1999	CHROMIUM	18.2	0.15	UG/G
SC-19414-S	7/30/1999	CHROMIUM	16.8	0.16	UG/G
SC-19415-S	7/30/1999	CHROMIUM	15.6	0.15	UG/G
SC-19416-S	8/3/1999	CHROMIUM	18.5	0.16	UG/G
SC-19417-S	8/3/1999	CHROMIUM	16.4	0.16	UG/G
SC-19418-S	8/3/1999	CHROMIUM	17.8	0.16	UG/G
SC-19419-S	8/3/1999	CHROMIUM	15.9	0.15	UG/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19420-S	7/30/1999	CHROMIUM	16.1	0.15	UG/G
SC-19501-S	8/5/1999	CHROMIUM	18.1	0.15	UG/G
SC-19502-S	8/5/1999	CHROMIUM	18.4	0.15	UG/G
SC-19503-S	8/5/1999	CHROMIUM	16.2	0.14	UG/G
SC-19504-S	8/5/1999	CHROMIUM	15.1	0.16	UG/G
SC-19505-S	8/5/1999	CHROMIUM	15.4	0.15	UG/G
SC-19506-S	8/5/1999	CHROMIUM	18	0.15	UG/G
SC-19507-S	8/5/1999	CHROMIUM	18	0.15	UG/G
SC-19508-S	8/5/1999	CHROMIUM	19.6	0.15	UG/G
SC-19509-S	8/5/1999	CHROMIUM	15	0.16	UG/G
SC-19510-S	8/5/1999	CHROMIUM	20.5	0.16	UG/G
SC-19511-S	8/5/1999	CHROMIUM	17.6	0.15	UG/G
SC-19512-S	8/5/1999	CHROMIUM	19.4	0.15	UG/G
SC-19513-S	8/5/1999	CHROMIUM	17.9	0.15	UG/G
SC-19514-S	8/5/1999	CHROMIUM	14	0.15	UG/G
SC-19515-S	8/5/1999	CHROMIUM	19.3	0.16	UG/G
SC-19516-S	8/5/1999	CHROMIUM	17.1	0.15	UG/G
SC-19517-S	8/5/1999	CHROMIUM	12.9	0.16	UG/G
SC-19518-S	8/5/1999	CHROMIUM	21.2	0.17	UG/G
SC-19519-S	8/5/1999	CHROMIUM	23.8	0.16	UG/G
SC-19520-S	8/5/1999	CHROMIUM	17	0.16	UG/G
SC-19604-S	8/5/1999	CHROMIUM	16.9	0.15	UG/G
SC-19605-S	8/5/1999	CHROMIUM	16.1	0.15	UG/G
SC-19606-S	8/5/1999	CHROMIUM	16.6	0.15	UG/G
SC-19610-S	8/26/1999	CHROMIUM	18.7	0.15	UG/G
SC-19611-S	8/26/1999	CHROMIUM	16.9	0.2	UG/G
SC-19612-S	8/5/1999	CHROMIUM	12.9	0.15	UG/G
SC-19613-S	8/5/1999	CHROMIUM	11.4	0.15	UG/G
SC-19618-S	8/26/1999	CHROMIUM	13.6	0.15	UG/G
SC-19619-S	8/26/1999	CHROMIUM	17.5	0.16	UG/G
SC-19620-S	8/26/1999	CHROMIUM	19.4	0.16	UG/G
SC-19621-S	8/5/1999	CHROMIUM	17.4	0.16	UG/G
SC-19802-S	5/2/2000	CHROMIUM	25.6	0.14	UG/G
SC-19803-S	5/2/2000	CHROMIUM	17.8	0.12	UG/G
SC-19807-S	5/2/2000	CHROMIUM	22.6	0.14	UG/G
SC-19808-S	5/2/2000	CHROMIUM	19.3	0.12	UG/G
SC-19812-S	4/5/2000	CHROMIUM	14.4	0.16	UG/G
SC-19813-S	4/5/2000	CHROMIUM	15.8	0.16	UG/G
SC-19817-S	3/31/2000	CHROMIUM	19.4	0.26	UG/G
SC-19818-S	4/5/2000	CHROMIUM	15.3	0.17	UG/G
SC-19901-S	8/3/1999	CHROMIUM	19.9	0.16	UG/G
SC-19902-S	8/3/1999	CHROMIUM	19.5	0.15	UG/G
SC-19903-S	7/30/1999	CHROMIUM	18.9	0.15	UG/G
SC-19904-S	7/30/1999	CHROMIUM	23.8	0.16	UG/G
SC-19905-S	8/3/1999	CHROMIUM	18.7	0.15	UG/G
SC-19906-S	8/3/1999	CHROMIUM	29	0.17	UG/G
SC-19907-S	7/30/1999	CHROMIUM	20.7	0.16	UG/G
SC-19908-S	7/30/1999	CHROMIUM	18.4	0.17	UG/G
SC-19909-S	8/3/1999	CHROMIUM	27.1	0.16	UG/G
SC-19910-S	8/3/1999	CHROMIUM	21.6	0.16	UG/G
SC-19911-S	7/30/1999	CHROMIUM	18.2	0.16	UG/G
SC-19912-S	3/31/2000	CHROMIUM	22.3	0.29	UG/G
SC-19913-S	8/3/1999	CHROMIUM	23 4	0.15	UG/G
SC-19914-S	8/3/1999	CHROMIUM	18.9	0.16	UG/G
SC-19915-S	3/31/2000	CHROMIUM	18.8	0.28	UG/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19916-S	3/31/2000	CHROMIUM	22.6	0.28	UG/G
SC-19917-S	8/3/1999	CHROMIUM	13.3	0.15	UG/G
SC-19918-S	3/31/2000	CHROMIUM	23.9	0.27	UG/G
SC-19919-S	3/31/2000	CHROMIUM	22.7	0.27	UG/G
SC-19920-S	3/31/2000	CHROMIUM	15	0.27	UG/G
SC-20001-S	8/3/1999	CHROMIUM	21.1	0.16	UG/G
SC-20002-S	8/3/1999	CHROMIUM	22.2	0.17	UG/G
SC-20003-S	8/3/1999	CHROMIUM	18.2	0.17	UG/G
SC-20004-S	8/3/1999	CHROMIUM	24.5	0.15	UG/G
SC-20005-S	8/3/1999	CHROMIUM	22.2	0.15	UG/G
SC-20006-S	8/31/1999	CHROMIUM	19.2	0.15	UG/G
SC-20007-S	8/3/1999	CHROMIUM	20	0.17	UG/G
SC-20008-S	8/3/1999	CHROMIUM	18.2	0.16	UG/G
SC-20009-S	8/3/1999	CHROMIUM	16.5	0.16	UG/G
SC-20010-S	8/3/1999	CHROMIUM	20.9	0.15	UG/G
SC-20011-S	8/26/1999	CHROMIUM	15.5	0.15	UG/G
SC-20012-S	8/26/1999	CHROMIUM	19.9	0.16	UG/G
SC-20013-S	8/3/1999	CHROMIUM	18.3	0.15	UG/G
SC-20014-S	8/3/1999	CHROMIUM	10.6	0.16	UG/G
SC-20015-S	8/3/1999	CHROMIUM	25.7	0.17	UG/G
SC-20016-S	8/26/1999	CHROMIUM	17.4	0.17	UG/G
SC-20017-S	8/26/1999	CHROMIUM	19.3	0.16	UG/G
SC-20018-S	8/3/1999	CHROMIUM	18.1	0.15	UG/G
SC-20019-S	8/3/1999	CHROMIUM	15.3	0.15	UG/G
SC-20020-S	8/3/1999	CHROMIUM	18.1	0.15	UG/G
SC-20301-S	8/26/1999	CHROMIUM	26.4	0.16	UG/G
SC-20302-S	8/26/1999	CHROMIUM	18.3	0.16	UG/G
SC-20303-S	8/26/1999	CHROMIUM	23	0.15	UG/G
SC-20304-S	8/5/1999	CHROMIUM	18.6	0.16	UG/G
SC-20305-S	8/31/1999	CHROMIUM	17.1	0.15	UG/G
SC-20306-S	8/26/1999	CHROMIUM	18.3	0.15	UG/G
SC-20307-S	8/26/1999	CHROMIUM	18	0.15	UG/G
SC-20308-S	8/31/1999	CHROMIUM	20.8	0.16	UG/G
SC-20311-S	8/31/1999	CHROMIUM	16.4	0.15	UG/G
SC-20312-S	8/26/1999	CHROMIUM	19.5	0.16	UG/G
SC-20316-S	8/31/1999	CHROMIUM	17.8	0.16	UG/G
SC-20401-S	8/31/1999	CHROMIUM	15.9	0.15	UG/G
SC-20402-S	8/26/1999	CHROMIUM	18.7	0.16	UG/G
SC-20403-S	8/26/1999	CHROMIUM	16.6	0.15	UG/G
SC-20404-S	8/3/1999	CHROMIUM	16.6	0.15	UG/G
SC-20405-S	8/3/1999	CHROMIUM	17.9	0.15	UG/G
SC-20406-S	8/31/1999	CHROMIUM	15.6	0.16	UG/G
SC-20407-S	8/31/1999	CHROMIUM	16.1	0.15	UG/G
SC-20408-S	8/26/1999	CHROMIUM	23.3	0.15	UG/G
SC-20409-S	8/26/1999	CHROMIUM	14.9	0.15	UG/G
SC-20410-S	8/26/1999	CHROMIUM	18.2	0.16	UG/G
SC-20412-S	8/31/1999	CHROMIUM	16.8	0.16	UG/G
SC-20413-S	8/26/1999	CHROMIUM	26.2	0.15	UG/G
SC-20414-S	8/26/1999	CHROMIUM	13.1	0.18	UG/G
SC-20414-S-RS	3/24/2000	CHROMIUM	11.6	0.15	UG/G
SC-20415-S	8/26/1999	CHROMIUM	17.7	0.15	UG/G
SC-20415-S-RS	3/24/2000	CHROMIUM	19.3	0.14	UG/G
SC-20417-S	8/31/1999	CHROMIUM	15.8	0.15	UG/G
SC-20418-S	8/31/1999	CHROMIUM	15.9	0.15	UG/G
SC-20419-S	3/17/2000	CHROMIUM	6.9	0.14	UG/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20420-S	3/17/2000	CHROMIUM	12.4	0.14	UG/G
SC-20501-U	4/26/2000	CHROMIUM	22.5	0.15	UG/G
SC-20503-S	8/26/1999	CHROMIUM	20.2	0.17	UG/G
SC-20503-S-RS	3/24/2000	CHROMIUM	21.5	0.15	UG/G
SC-20504-S	3/31/2000	CHROMIUM	22	0.26	UG/G
SC-20505-S	3/31/2000	CHROMIUM	20.6	0.25	UG/G
SC-20506-S	3/31/2000	CHROMIUM	20.1	0.27	UG/G
SC-20510-S	3/17/2000	CHROMIUM	13.7	0.14	UG/G
SC-20511-S	3/17/2000	CHROMIUM	10.8	0.15	UG/G
SC-20512-S	3/17/2000	CHROMIUM	18	0.16	UG/G
SC-20515-S	3/17/2000	CHROMIUM	14.6	0.14	UG/G
SC-20516-S	3/17/2000	CHROMIUM	13.1	0.16	UG/G
SC-20517-S	3/17/2000	CHROMIUM	13.4	0.14	UG/G
SC-20518-S	3/17/2000	CHROMIUM	10.6	0.15	UG/G
SC-20519-S	3/17/2000	CHROMIUM	7.4	0.14	UG/G
SC-20702-S	3/29/2000	CHROMIUM	19.6	0.14	UG/G
SC-20705-S	3/29/2000	CHROMIUM	15.3	0.12	UG/G
SC-20706-S	3/29/2000	CHROMIUM	14.4	0.13	UG/G
SC-20905-S	4/19/2000	CHROMIUM	17	0.14	UG/G
SC-20906-S	4/19/2000	CHROMIUM	16.9	0.12	UG/G
SC-20908-S	4/26/2000	CHROMIUM	16.1	0.13	UG/G
SC-20909-S	4/19/2000	CHROMIUM	13.3	0.13	UG/G
SC-20910-S	4/19/2000	CHROMIUM	14.7	0.12	UG/G
SC-20913-S	4/19/2000	CHROMIUM	19.4	0.13	UG/G
SC-20914-S	4/26/2000	CHROMIUM	19.5	0.15	UG/G
SC-20917-S	4/26/2000	CHROMIUM	18.1	0 14	UG/G
SC-20918-C	4/26/2000	CHROMIUM	22.9	0.16	UG/G
SC-20918-S	4/26/2000	CHROMIUM	19.7	0.14	UG/G
SC-21001-S	4/6/1999	CHROMIUM	18.8	0.38	UG/G
SC-21002-S	4/6/1999	CHROMIUM	18.6	0.38	UG/G
SC-21003-S	4/6/1999	CHROMIUM	18.9	0.39	UG/G
SC-21004-S	4/6/1999	CHROMIUM	18.7	0.4	UG/G
SC-21004-S-RS	3/13/2000	CHROMIUM	18.5	1.3	UG/G
SC-21005-S-RS	3/13/2000	CHROMIUM	18.6	1.2	UG/G
SC-21006-S	4/6/1999	CHROMIUM	13.7	0.37	UG/G
SC-21007-S	4/6/1999	CHROMIUM	17.9	0.38	UG/G
SC-21008-S	4/6/1999	CHROMIUM	18.9	0.37	UG/G
SC-21009-S	4/6/1999	CHROMIUM	20.8	0.41	UG/G
SC-21010-S-RS	3/13/2000	CHROMIUM	19	1.3	UG/G
SC-21011-S	4/6/1999	CHROMIUM	20	0.39	UG/G
SC-21012-S	4/6/1999	CHROMIUM	17.5	0.4	UG/G
SC-21013-S	4/2/1999	CHROMIUM	15.8	0.37	UG/G
SC-21014-S	4/2/1999	CHROMIUM	13.7	0.37	UG/G
SC-21015-S	4/2/1999	CHROMIUM	18.3	0.39	UG/G
SC-21016-S	4/2/1999	CHROMIUM	14.5	0.37	UG/G
SC-21017-S	4/2/1999	CHROMIUM	10.5	0.34	UG/G
SC-21018-S	4/2/1999	CHROMIUM	16.9	0.38	UG/G
SC-21019-S	4/2/1999	CHROMIUM	14.2	0.39	UG/G
SC-21020-S	4/2/1999	CHROMIUM	11.4	0 36	UG/G
SC-21101-S	3/29/2000	CHROMIUM	14.3	0 14	UG/G
SC-21102-S	3/29/2000	CHROMIUM	16.8	0.14	UG/G
SC-21103-S	3/29/2000	CHROMIUM	15.5	0.13	UG/G
SC-21104-S	4/6/1999	CHROMIUM	18.1	0.39	UG/G
SC-21105-S	4/6/1999	CHROMIUM	13	0.36	UG/G
SC-21106-S	3/29/2000	CHROMIUM	17.4	0.15	UG/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21107-S	4/2/1999	CHROMIUM	14.6	0.36	UG/G
SC-21107-S-RS	4/12/2000	CHROMIUM	17.1	0.26	UG/G
SC-21108-S	6/15/1999	CHROMIUM	21.4	0.4	UG/G
SC-21109-S	4/6/1999	CHROMIUM	14.1	0.38	UG/G
SC-21110-S	4/6/1999	CHROMIUM	15	0.35	UG/G
SC-21111-S	4/2/1999	CHROMIUM	11.9	0.33	UG/G
SC-21112-S	4/2/1999	CHROMIUM	12	0.37	UG/G
SC-21113-S	4/2/1999	CHROMIUM	15	0.34	UG/G
SC-21114-S	4/2/1999	CHROMIUM	15.1	0.39	UG/G
SC-21115-S	4/2/1999	CHROMIUM	17	0.37	UG/G
SC-21116-S	4/1/1999	CHROMIUM	17.3	0.33	UG/G
SC-21117-S	4/2/1999	CHROMIUM	15	0.35	UG/G
SC-21118-S	4/2/1999	CHROMIUM	17	0.37	UG/G
SC-21119-S	4/2/1999	CHROMIUM	14.2	0.35	UG/G
SC-21120-S	4/2/1999	CHROMIUM	14.2	0.36	UG/G
SC-21201-S	3/17/2000	CHROMIUM	17.3	0.15	UG/G
SC-21201-U	4/14/2000	CHROMIUM	12.6	0.27	UG/G
SC-21202-S	3/17/2000	CHROMIUM	11.4	0.14	UG/G
SC-21203-S	3/17/2000	CHROMIUM	10.8	0.14	UG/G
SC-21204-S	3/17/2000	CHROMIUM	14.4	0.14	UG/G
SC-21205-S	3/29/2000	CHROMIUM	15.9	0.12	UG/G
SC-21206-S	3/17/2000	CHROMIUM	9.7	0.14	UG/G
SC-21207-S	3/17/2000	CHROMIUM	10.9	0.14	UG/G
SC-21208-S	3/17/2000	CHROMIUM	6	0.15	UG/G
SC-21209-S	3/17/2000	CHROMIUM	13.2	0.15	UG/G
SC-21210-S	3/29/2000	CHROMIUM	17.5	0.13	UG/G
SC-21211-S	3/17/2000	CHROMIUM	5.3	0.15	UG/G
SC-21212-S	3/17/2000	CHROMIUM	18.2	0.16	UG/G
SC-21213-S	3/17/2000	CHROMIUM	12.3	0.13	UG/G
SC-21214-S	3/24/2000	CHROMIUM	30.2	0.13	UG/G
SC-21215-S	3/24/2000	CHROMIUM	17.7	0.14	UG/G
SC-21216-S	3/17/2000	CHROMIUM	13.4	0.14	UG/G
SC-21217-S	3/24/2000	CHROMIUM	13.2	0.12	UG/G
SC-21218-S	3/24/2000	CHROMIUM	17.2	0.13	UG/G
SC-21219-S	3/24/2000	CHROMIUM	17	0.15	UG/G
SC-21220-S	4/1/1999	CHROMIUM	16.1	0.37	UG/G
SC-21305-S	3/17/2000	CHROMIUM	25.6	18	UG/G
SC-21306-S	3/17/2000	CHROMIUM	9.6	0.14	UG/G
SC-21313-S	3/17/2000	CHROMIUM	11.4	0.15	UG/G
SC-21319-S	3/17/2000	CHROMIUM	11	0.15	UG/G
SC-21501-S	3/24/2000	CHROMIUM	16.6	0.13	UG/G
SC-21502-S	4/1/1999	CHROMIUM	18.6	0.39	UG/G
SC-21503-S	4/1/1999	CHROMIUM	19.6	0.38	UG/G
SC-21504-S	4/1/1999	CHROMIUM	16.9	0.37	UG/G
SC-21505-S	4/1/1999	CHROMIUM	13.9	0.38	UG/G
SC-21506-S	4/1/1999	CHROMIUM	17.4	0.38	UG/G
SC-21507-S	4/1/1999	CHROMIUM	19.2	0.39	UG/G
SC-21508-S	4/1/1999	CHROMIUM	18.1	0.37	UG/G
SC-21509-S	4/1/1999	CHROMIUM	18	0.39	UG/G
SC-21510-S	4/1/1999	CHROMIUM	16.6	0.36	UG/G
SC-21511-S	4/1/1999	CHROMIUM	21.8	0.4	UG/G
SC-21512-S	4/1/1999	CHROMIUM	16.9	0.37	UG/G
SC-21513-S	4/1/1999	CHROMIUM	13.4	0.39	UG/G
SC-21514-S	4/1/1999	CHROMIUM	18.9	0.38	UG/G
SC-21515-S	4/1/1999	CHROMIUM	12.3	0.37	UG/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21516-S	4/1/1999	CHROMIUM	23.8	0.38	UG/G
SC-21518-S	4/1/1999	CHROMIUM	18.9	0.36	UG/G
SC-21519-S	4/1/1999	CHROMIUM	20.1	0.41	UG/G
SC-21520-S	4/1/1999	CHROMIUM	22.3	0.39	UG/G
SC-21601-S	4/1/1999	CHROMIUM	15.2	0.37	UG/G
SC-21602-S	4/2/1999	CHROMIUM	15.6	0.36	UG/G
SC-21603-S	4/2/1999	CHROMIUM	13	0.34	UG/G
SC-21604-S	4/2/1999	CHROMIUM	17.1	0.37	UG/G
SC-21605-S	4/2/1999	CHROMIUM	14	0.37	UG/G
SC-21606-S	4/1/1999	CHROMIUM	18.3	0.38	UG/G
SC-21607-S	4/2/1999	CHROMIUM	16.5	0.39	UG/G
SC-21608-S	4/2/1999	CHROMIUM	19.5	0.39	UG/G
SC-21609-S	4/2/1999	CHROMIUM	15.2	0.36	UG/G
SC-21610-S	4/2/1999	CHROMIUM	16.7	0.38	UG/G
SC-21611-S	4/1/1999	CHROMIUM	19.7	0.37	UG/G
SC-21612-S	4/1/1999	CHROMIUM	14.2	0.38	UG/G
SC-21613-S	4/2/1999	CHROMIUM	19.3	0.36	UG/G
SC-21614-S	4/2/1999	CHROMIUM	21.4	0.39	UG/G
SC-21615-S	4/2/1999	CHROMIUM	16.4	0.37	UG/G
SC-21616-S	4/1/1999	CHROMIUM	24.7	0.41	UG/G
SC-21617-S	4/1/1999	CHROMIUM	18.3	0.38	UG/G
SC-21618-S	4/2/1999	CHROMIUM	18.6	0.37	UG/G
SC-21619-S	4/2/1999	CHROMIUM	17.7	0.36	UG/G
SC-21620-S	4/2/1999	CHROMIUM	18.2	0.39	UG/G
SC-21701-S	4/2/1999	CHROMIUM	17.7	0.37	UG/G
SC-21702-S	4/2/1999	CHROMIUM	10.1	0.36	UG/G
SC-21703-S	4/2/1999	CHROMIUM	14.1	0.39	UG/G
SC-21704-S	4/2/1999	CHROMIUM	12.4	0.36	UG/G
SC-21705-S	4/2/1999	CHROMIUM	18.5	0.37	UG/G
SC-21706-S	4/2/1999	CHROMIUM	17.4	0.38	UG/G
SC-21707-S	4/2/1999	CHROMIUM	19.1	0.39	UG/G
SC-21708-S	4/2/1999	CHROMIUM	14.4	0.37	UG/G
SC-21709-S	4/2/1999	CHROMIUM	15.1	0.37	UG/G
SC-21710-S	4/2/1999	CHROMIUM	14.6	0.38	UG/G
SC-21711-S	4/2/1999	CHROMIUM	16	0.38	UG/G
SC-21712-S	4/2/1999	CHROMIUM	20.7	0.38	UG/G
SC-21713-S	4/2/1999	CHROMIUM	21	0.39	UG/G
SC-21714-S	4/2/1999	CHROMIUM	18.6	0.38	UG/G
SC-21716-S	4/2/1999	CHROMIUM	19.1	0.39	UG/G
SC-21717-S	4/2/1999	CHROMIUM	20.6	0.39	UG/G
SC-21801-S	4/1/1999	CHROMIUM	19.6	0.39	UG/G
SC-21802-S	4/1/1999	CHROMIUM	19.8	0.39	UG/G
SC-21803-S	4/2/1999	CHROMIUM	18.4	0.39	UG/G
SC-21804-S	4/2/1999	CHROMIUM	16.2	0.38	UG/G
SC-21805-S	4/2/1999	CHROMIUM	16.4	0.4	UG/G
SC-21810-S	4/1/1999	CHROMIUM	21.5	0.41	UG/G
SC-21811-S	4/1/1999	CHROMIUM	15.7	0.38	UG/G
SC-21812-S	4/2/1999	CHROMIUM	16.6	0.4	UG/G
SC-21817-S	4/1/1999	CHROMIUM	12.2	0.39	UG/G
SC-18905-S	4/17/2000	CHRYSENE	60	120	UG/KG
SC-18906-S	7/30/1999	CHRYSENE	9	18	UG/KG
SC-18910-C	4/17/2000	CHRYSENE	55	110	UG/KG
SC-18910-S	4/17/2000	CHRYSENE	65	130	UG/KG
SC-18911-S	7/30/1999	CHRYSENE	8.5	17	UG/KG
SC-18912-S	7/30/1999	CHRYSENE	9	18	UG/KG

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-18915-S	4/17/2000	CHRYSENE	60	120	UG/KG
SC-18916-S	7/30/1999	CHRYSENE	9	18	UG/KG
SC-18917-S	7/30/1999	CHRYSENE	9	18	UG/KG
SC-18918-S	7/30/1999	CHRYSENE	8.5	17	UG/KG
SC-18921-S	7/30/1999	CHRYSENE	8.5	17	UG/KG
SC-18922-S	7/30/1999	CHRYSENE	8.5	17	UG/KG
SC-18923-S	7/30/1999	CHRYSENE	9	18	UG/KG
SC-18924-C	4/6/2000	CHRYSENE	9.5	19	UG/KG
SC-18924-S	9/30/1999	CHRYSENE	8.5	17	UG/KG
SC-18924-S-RS	10/5/1999	CHRYSENE	9	18	UG/KG
SC-19006-S	8/3/1999	CHRYSENE	8.5	17	UG/KG
SC-19007-S	8/3/1999	CHRYSENE	9	18	UG/KG
SC-19008-S	7/30/1999	CHRYSENE	8.5	17	UG/KG
SC-19009-S	7/30/1999	CHRYSENE	9	18	UG/KG
SC-19010-S	7/30/1999	CHRYSENE	9	18	UG/KG
SC-19011-S	8/3/1999	CHRYSENE	9	18	UG/KG
SC-19012-S	8/3/1999	CHRYSENE	8.5	17	UG/KG
SC-19013-S	7/30/1999	CHRYSENE	9	18	UG/KG
SC-19014-S	7/30/1999	CHRYSENE	9	18	UG/KG
SC-19015-S	7/30/1999	CHRYSENE	9	18	UG/KG
SC-19016-S	8/3/1999	CHRYSENE	9	18	UG/KG
SC-19017-S	8/3/1999	CHRYSENE	8.5	17	UG/KG
SC-19018-S	7/30/1999	CHRYSENE	9	18	UG/KG
SC-19019-S	7/30/1999	CHRYSENE	9	18	UG/KG
SC-19020-S	7/30/1999	CHRYSENE	8.5	17	UG/KG
SC-19021-C	8/3/1999	CHRYSENE	8.5	17	UG/KG
SC-19021-S	8/3/1999	CHRYSENE	8.5	17	UG/KG
SC-19022-S	8/3/1999	CHRYSENE	9	18	UG/KG
SC-19023-S	7/30/1999	CHRYSENE	8.5	17	UG/KG
SC-19024-S	7/30/1999	CHRYSENE	8.5	17	UG/KG
SC-19025-S	7/30/1999	CHRYSENE	8.5	17	UG/KG
SC-19106-S	8/5/1999	CHRYSENE	8	16	UG/KG
SC-19107-S	8/5/1999	CHRYSENE	8.5	17	UG/KG
SC-19108-S	8/5/1999	CHRYSENE	8.5	17	UG/KG
SC-19109-S	8/5/1999	CHRYSENE	8.5	17	UG/KG
SC-19110-S	8/5/1999	CHRYSENE	9	18	UG/KG
SC-19111-S	8/5/1999	CHRYSENE	8	16	UG/KG
SC-19112-S	8/5/1999	CHRYSENE	8	16	UG/KG
SC-19113-S	8/5/1999	CHRYSENE	8	16	UG/KG
SC-19114-S	8/5/1999	CHRYSENE	9	18	UG/KG
SC-19115-S	8/5/1999	CHRYSENE	25	16	UG/KG
SC-19116-S	8/5/1999	CHRYSENE	8.5	17	UG/KG
SC-19117-S	8/5/1999	CHRYSENE	8	16	UG/KG
SC-19118-S	8/5/1999	CHRYSENE	8.5	17	UG/KG
SC-19119-S	8/5/1999	CHRYSENE	8	16	UG/KG
SC-19120-S	8/5/1999	CHRYSENE	8	16	UG/KG
SC-19121-S	8/5/1999	CHRYSENE	8	16	UG/KG
SC-19122-S	8/5/1999	CHRYSENE	8	16	UG/KG
SC-19123-S	8/5/1999	CHRYSENE	8.5	17	UG/KG
SC-19124-S	8/5/1999	CHRYSENE	8.5	17	UG/KG
SC-19125-C	8/5/1999	CHRYSENE	8.5	17	UG/KG
SC-19125-S	8/5/1999	CHRYSENE	8.5	17	UG/KG
SC-19216-S	8/5/1999	CHRYSENE	8	16	UG/KG
SC-19220-S	8/5/1999	CHRYSENE	8.5	17	UG/KG
SC-19221-S	8/5/1999	CHRYSENE	8	16	UG/KG

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19225-S	8/5/1999	CHRYSENE	8	16	UG/KG
SC-19226-S	8/5/1999	CHRYSENE	8	16	UG/KG
SC-19227-S	8/5/1999	CHRYSENE	8	16	UG/KG
SC-19301-S	7/30/1999	CHRYSENE	8	16	UG/KG
SC-19302-S	7/30/1999	CHRYSENE	8.5	17	UG/KG
SC-19303-S	7/30/1999	CHRYSENE	9	18	UG/KG
SC-19304-S	4/6/2000	CHRYSENE	9	18	UG/KG
SC-19305-S	4/6/2000	CHRYSENE	9	18	UG/KG
SC-19306-S	7/30/1999	CHRYSENE	8.5	17	UG/KG
SC-19307-S	7/30/1999	CHRYSENE	8	16	UG/KG
SC-19308-S	7/30/1999	CHRYSENE	9	18	UG/KG
SC-19309-S	7/30/1999	CHRYSENE	8.5	17	UG/KG
SC-19309-S-RS2	4/6/2000	CHRYSENE	8.5	17	UG/KG
SC-19310-S	4/6/2000	CHRYSENE	42	17	UG/KG
SC-19311-S	7/30/1999	CHRYSENE	9	18	UG/KG
SC-19312-S	7/30/1999	CHRYSENE	9	18	UG/KG
SC-19313-S	7/30/1999	CHRYSENE	8.5	17	UG/KG
SC-19314-S	7/30/1999	CHRYSENE	9	18	UG/KG
SC-19315-S	4/6/2000	CHRYSENE	25	18	UG/KG
SC-19316-S	7/30/1999	CHRYSENE	8.5	17	UG/KG
SC-19317-S	5/2/2000	CHRYSENE	19.3	38.6	UG/KG
SC-19318-S	5/2/2000	CHRYSENE	18.4	36.8	UG/KG
SC-19319-S	5/2/2000	CHRYSENE	20.05	40.1	UG/KG
SC-19320-S	4/6/2000	CHRYSENE	9	18	UG/KG
SC-19401-S	8/3/1999	CHRYSENE	8.5	17	UG/KG
SC-19402-S	8/3/1999	CHRYSENE	8.5	17	UG/KG
SC-19403-S	7/30/1999	CHRYSENE	8.5	17	UG/KG
SC-19404-S	7/30/1999	CHRYSENE	8	16	UG/KG
SC-19405-S	7/30/1999	CHRYSENE	8	16	UG/KG
SC-19406-S	8/3/1999	CHRYSENE	8.5	17	UG/KG
SC-19407-S	8/3/1999	CHRYSENE	8	16	UG/KG
SC-19408-S	7/30/1999	CHRYSENE	8	16	UG/KG
SC-19409-S	7/30/1999	CHRYSENE	9	18	UG/KG
SC-19410-S	7/30/1999	CHRYSENE	8	16	UG/KG
SC-19411-S	8/3/1999	CHRYSENE	8	16	UG/KG
SC-19412-S	8/3/1999	CHRYSENE	8	16	UG/KG
SC-19413-S	7/30/1999	CHRYSENE	8	16	UG/KG
SC-19414-S	7/30/1999	CHRYSENE	8.5	17	UG/KG
SC-19415-S	7/30/1999	CHRYSENE	8	16	UG/KG
SC-19416-S	8/3/1999	CHRYSENE	8.5	17	UG/KG
SC-19417-S	8/3/1999	CHRYSENE	8.5	17	UG/KG
SC-19418-S	8/3/1999	CHRYSENE	8.5	17	UG/KG
SC-19419-S	8/3/1999	CHRYSENE	8	16	UG/KG
SC-19420-S	7/30/1999	CHRYSENE	8	16	UG/KG
SC-19501-S	8/5/1999	CHRYSENE	8	16	UG/KG
SC-19502-S	8/5/1999	CHRYSENE	8	16	UG/KG
SC-19503-S	8/5/1999	CHRYSENE	7.5	15	UG/KG
SC-19504-S	8/5/1999	CHRYSENE	8.5	17	UG/KG
SC-19505-S	8/5/1999	CHRYSENE	8	16	UG/KG
SC-19506-S	8/5/1999	CHRYSENE	55	16	UG/KG
SC-19507-S	8/5/1999	CHRYSENE	8	16	UG/KG
SC-19508-S	8/5/1999	CHRYSENE	8	16	UG/KG
SC-19509-S	8/5/1999	CHRYSENE	8	16	UG/KG
SC-19510-S	8/5/1999	CHRYSENE	8.5	17	UG/KG
SC-19511-S	8/5/1999	CHRYSENE	8	16	UG/KG

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19512-S	8/5/1999	CHRYSENE	8	16	UG/KG
SC-19513-S	8/5/1999	CHRYSENE	8	16	UG/KG
SC-19514-S	8/5/1999	CHRYSENE	8	16	UG/KG
SC-19515-S	8/5/1999	CHRYSENE	8.5	17	UG/KG
SC-19516-S	8/5/1999	CHRYSENE	31	16	UG/KG
SC-19517-S	8/5/1999	CHRYSENE	8.5	17	UG/KG
SC-19518-S	8/5/1999	CHRYSENE	9	18	UG/KG
SC-19519-S	8/5/1999	CHRYSENE	8.5	17	UG/KG
SC-19520-S	8/5/1999	CHRYSENE	8.5	17	UG/KG
SC-19604-S	8/5/1999	CHRYSENE	7.5	15	UG/KG
SC-19605-S	8/5/1999	CHRYSENE	8	16	UG/KG
SC-19606-S	8/5/1999	CHRYSENE	8	16	UG/KG
SC-19610-S	8/26/1999	CHRYSENE	200	16	UG/KG
SC-19611-S	8/26/1999	CHRYSENE	10.5	21	UG/KG
SC-19612-S	8/5/1999	CHRYSENE	8	16	UG/KG
SC-19613-S	8/5/1999	CHRYSENE	8	16	UG/KG
SC-19618-S	8/26/1999	CHRYSENE	8	16	UG/KG
SC-19619-S	8/26/1999	CHRYSENE	8.5	17	UG/KG
SC-19620-S	8/26/1999	CHRYSENE	9	18	UG/KG
SC-19621-S	8/5/1999	CHRYSENE	8.5	17	UG/KG
SC-19701-U	5/2/2000	CHRYSENE	20	40	UG/KG
SC-19702-U	5/2/2000	CHRYSENE	20.5	41	UG/KG
SC-19717-S	5/1/2000	CHRYSENE	19.3	38.6	UG/KG
SC-19718-S	5/1/2000	CHRYSENE	18.2	36.4	UG/KG
SC-19801-C	5/12/2000	CHRYSENE	9	18	UG/KG
SC-19802-S	5/2/2000	CHRYSENE	22.35	44.7	UG/KG
SC-19803-S	5/2/2000	CHRYSENE	18.75	37.5	UG/KG
SC-19807-S	5/2/2000	CHRYSENE	20.05	40.1	UG/KG
SC-19808-S	5/2/2000	CHRYSENE	19.3	38.6	UG/KG
SC-19812-S	4/5/2000	CHRYSENE	60	120	UG/KG
SC-19813-S	4/5/2000	CHRYSENE	55	110	UG/KG
SC-19817-S	3/31/2000	CHRYSENE	8.5	17	UG/KG
SC-19818-S	4/5/2000	CHRYSENE	55	110	UG/KG
SC-19901-S	8/3/1999	CHRYSENE	8.5	17	UG/KG
SC-19902-S	8/3/1999	CHRYSENE	30	16	UG/KG
SC-19903-S	7/30/1999	CHRYSENE	8	16	UG/KG
SC-19904-S	7/30/1999	CHRYSENE	8.5	17	UG/KG
SC-19905-S	8/3/1999	CHRYSENE	8	16	UG/KG
SC-19906-S	8/3/1999	CHRYSENE	9	18	UG/KG
SC-19907-S	7/30/1999	CHRYSENE	8	16	UG/KG
SC-19908-S	7/30/1999	CHRYSENE	9	18	UG/KG
SC-19909-S	8/3/1999	CHRYSENE	8.5	17	UG/KG
SC-19910-S	8/3/1999	CHRYSENE	8.5	17	UG/KG
SC-19911-S	7/30/1999	CHRYSENE	8.5	17	UG/KG
SC-19912-S	3/31/2000	CHRYSENE	10	20	UG/KG
SC-19913-S	8/3/1999	CHRYSENE	8	16	UG/KG
SC-19914-S	8/3/1999	CHRYSENE	8.5	17	UG/KG
SC-19915-S	3/31/2000	CHRYSENE	9.5	19	UG/KG
SC-19916-S	3/31/2000	CHRYSENE	9.5	19	UG/KG
SC-19917-S	8/3/1999	CHRYSENE	8	16	UG/KG
SC-19918-S	3/31/2000	CHRYSENE	9	18	UG/KG
SC-19919-S	3/31/2000	CHRYSENE	9	18	UG/KG
SC-19920-S	3/31/2000	CHRYSENE	9	18	UG/KG
SC-20001-S	8/3/1999	CHRYSENE	8.5	17	UG/KG
SC-20002-S	8/3/1999	CHRYSENE	9	18	UG/KG

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20003-S	8/3/1999	CHRYSENE	9	18	UG/KG
SC-20004-S	8/3/1999	CHRYSENE	8	16	UG/KG
SC-20005-S	8/3/1999	CHRYSENE	8	16	UG/KG
SC-20006-S	8/31/1999	CHRYSENE	8	16	UG/KG
SC-20007-S	8/3/1999	CHRYSENE	9	18	UG/KG
SC-20008-S	8/3/1999	CHRYSENE	8.5	17	UG/KG
SC-20009-S	8/3/1999	CHRYSENE	8	16	UG/KG
SC-20010-S	8/3/1999	CHRYSENE	8	16	UG/KG
SC-20011-S	8/26/1999	CHRYSENE	8	16	UG/KG
SC-20012-S	8/26/1999	CHRYSENE	8.5	17	UG/KG
SC-20013-S	8/3/1999	CHRYSENE	8	16	UG/KG
SC-20014-S	8/3/1999	CHRYSENE	8.5	17	UG/KG
SC-20015-S	8/3/1999	CHRYSENE	9	18	UG/KG
SC-20016-S	8/26/1999	CHRYSENE	9	18	UG/KG
SC-20017-S	8/26/1999	CHRYSENE	8.5	17	UG/KG
SC-20018-S	8/3/1999	CHRYSENE	8	16	UG/KG
SC-20019-S	8/3/1999	CHRYSENE	8	16	UG/KG
SC-20020-S	8/3/1999	CHRYSENE	8	16	UG/KG
SC-20301-S	8/26/1999	CHRYSENE	8.5	17	UG/KG
SC-20302-S	8/26/1999	CHRYSENE	8.5	17	UG/KG
SC-20303-S	8/26/1999	CHRYSENE	19	16	UG/KG
SC-20304-S	8/5/1999	CHRYSENE	8.5	17	UG/KG
SC-20305-S	8/31/1999	CHRYSENE	8	16	UG/KG
SC-20306-S	8/26/1999	CHRYSENE	8	16	UG/KG
SC-20307-S	8/26/1999	CHRYSENE	8	16	UG/KG
SC-20308-S	8/31/1999	CHRYSENE	8.5	17	UG/KG
SC-20311-S	8/31/1999	CHRYSENE	8	16	UG/KG
SC-20312-S	8/26/1999	CHRYSENE	8.5	17	UG/KG
SC-20316-S	8/31/1999	CHRYSENE	8	16	UG/KG
SC-20401-S	8/31/1999	CHRYSENE	8	16	UG/KG
SC-20402-S	8/26/1999	CHRYSENE	8.5	17	UG/KG
SC-20403-S	8/26/1999	CHRYSENE	8	16	UG/KG
SC-20404-S	8/3/1999	CHRYSENE	8	16	UG/KG
SC-20405-S	8/3/1999	CHRYSENE	8	16	UG/KG
SC-20406-S	8/31/1999	CHRYSENE	8.5	17	UG/KG
SC-20407-S	8/31/1999	CHRYSENE	8	16	UG/KG
SC-20408-S	8/26/1999	CHRYSENE	8	16	UG/KG
SC-20409-S	8/26/1999	CHRYSENE	8	16	UG/KG
SC-20410-S	8/26/1999	CHRYSENE	8.5	17	UG/KG
SC-20412-S	8/31/1999	CHRYSENE	8.5	17	UG/KG
SC-20413-S	8/26/1999	CHRYSENE	8	16	UG/KG
SC-20414-S	8/26/1999	CHRYSENE	9	18	UG/KG
SC-20414-S-RS	3/24/2000	CHRYSENE	60	120	UG/KG
SC-20415-S	8/26/1999	CHRYSENE	8	16	UG/KG
SC-20415-S-RS	3/24/2000	CHRYSENE	60	120	UG/KG
SC-20417-S	8/31/1999	CHRYSENE	8	16	UG/KG
SC-20418-S	8/31/1999	CHRYSENE	8	16	UG/KG
SC-20419-S	3/17/2000	CHRYSENE	9	18	UG/KG
SC-20420-S	3/17/2000	CHRYSENE	9	18	UG/KG
SC-20501-U	4/26/2000	CHRYSENE	65	130	UG/KG
SC-20503-S	8/26/1999	CHRYSENE	9	18	UG/KG
SC-20503-S-RS	3/24/2000	CHRYSENE	65	130	UG/KG
SC-20504-S	3/31/2000	CHRYSENE	9	18	UG/KG
SC-20505-S	3/31/2000	CHRYSENE	8.5	17	UG/KG
SC-20506-S	3/31/2000	CHRYSENE	9.5	19	UG/KG

APPENDIX B WP-437 RU22 FINAL DATA

WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20510-S	3/17/2000	CHRYSENE	9	18	UG/KG
SC-20511-S	3/17/2000	CHRYSENE	9	18	UG/KG
SC-20512-S	3/17/2000	CHRYSENE	9.5	19	UG/KG
SC-20515-S	3/17/2000	CHRYSENE	8.5	17	UG/KG
SC-20516-S	3/17/2000	CHRYSENE	9.5	19	UG/KG
SC-20517-S	3/17/2000	CHRYSENE	9	18	UG/KG
SC-20518-S	3/17/2000	CHRYSENE	9.5	19	UG/KG
SC-20519-S	3/17/2000	CHRYSENE	160	17	UG/KG
SC-20702-S	3/29/2000	CHRYSENE	60	120	UG/KG
SC-20705-S	3/29/2000	CHRYSENE	60	120	UG/KG
SC-20706-S	3/29/2000	CHRYSENE	60	120	UG/KG
SC-20905-S	4/19/2000	CHRYSENE	60.5	121	UG/KG
SC-20906-S	4/19/2000	CHRYSENE	59.5	119	UG/KG
SC-20908-S	4/26/2000	CHRYSENE	55	110	UG/KG
SC-20909-S	4/19/2000	CHRYSENE	60	120	UG/KG
SC-20910-S	4/19/2000	CHRYSENE	60.5	121	UG/KG
SC-20913-S	4/19/2000	CHRYSENE	58.5	117	UG/KG
SC-20914-S	4/26/2000	CHRYSENE	60	120	UG/KG
SC-20917-S	4/26/2000	CHRYSENE	55	110	UG/KG
SC-20918-C	4/26/2000	CHRYSENE	65	130	UG/KG
SC-20918-S	4/26/2000	CHRYSENE	60	120	UG/KG
SC-21101-S	3/29/2000	CHRYSENE	60	120	UG/KG
SC-21102-S	3/29/2000	CHRYSENE	65	130	UG/KG
SC-21103-S	3/29/2000	CHRYSENE	60	120	UG/KG
SC-21104-S	4/6/1999	CHRYSENE	9	18	UG/KG
SC-21105-S	4/6/1999	CHRYSENE	8.5	17	UG/KG
SC-21106-S	3/29/2000	CHRYSENE	60	120	UG/KG
SC-21107-S	4/2/1999	CHRYSENE	20	40	UG/KG
SC-21107-S-RS	4/12/2000	CHRYSENE	9	18	UG/KG
SC-21108-S	6/15/1999	CHRYSENE	9.5	19	UG/KG
SC-21109-S	4/6/1999	CHRYSENE	9	18	UG/KG
SC-21110-S	4/6/1999	CHRYSENE	8	16	UG/KG
SC-21111-S	4/2/1999	CHRYSENE	18	36	UG/KG
SC-21112-S	4/2/1999	CHRYSENE	20	40	UG/KG
SC-21113-S	4/2/1999	CHRYSENE	18	36	UG/KG
SC-21114-S	4/2/1999	CHRYSENE	21	42	UG/KG
SC-21115-S	4/2/1999	CHRYSENE	20.5	41	UG/KG
SC-21116-S	4/1/1999	CHRYSENE	18	36	UG/KG
SC-21117-S	4/2/1999	CHRYSENE	19	38	UG/KG
SC-21118-S	4/2/1999	CHRYSENE	20	40	UG/KG
SC-21119-S	4/2/1999	CHRYSENE	19	38	UG/KG
SC-21120-S	4/2/1999	CHRYSENE	20	40	UG/KG
SC-21201-S	3/17/2000	CHRYSENE	9.5	19	UG/KG
SC-21201-U	4/14/2000	CHRYSENE	9	18	UG/KG
SC-21202-S	3/17/2000	CHRYSENE	9	18	UG/KG
SC-21203-S	3/17/2000	CHRYSENE	9	18	UG/KG
SC-21204-S	3/17/2000	CHRYSENE	9	18	UG/KG
SC-21205-S	3/29/2000	CHRYSENE	60	120	UG/KG
SC-21206-S	3/17/2000	CHRYSENE	32	18	UG/KG
SC-21207-S	3/17/2000	CHRYSENE	9	18	UG/KG
SC-21208-S	3/17/2000	CHRYSENE	9.5	19	UG/KG
SC-21209-S	3/17/2000	CHRYSENE	9.5	19	UG/KG
SC-21210-S	3/29/2000	CHRYSENE	60	120	UG/KG
SC-21211-S	3/17/2000	CHRYSENE	9	18	UG/KG
SC-21212-S	3/17/2000	CHRYSENE	10	20	UG/KG

APPENDIX B WP-437 RU22 FINAL DATA

WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21213-S	3/17/2000	CHRYSENE	8	16	UG/KG
SC-21214-S	3/24/2000	CHRYSENE	55	110	UG/KG
SC-21215-S	3/24/2000	CHRYSENE	60	120	UG/KG
SC-21216-S	3/17/2000	CHRYSENE	9	18	UG/KG
SC-21217-S	3/24/2000	CHRYSENE	55	110	UG/KG
SC-21218-S	3/24/2000	CHRYSENE	60	120	UG/KG
SC-21219-S	3/24/2000	CHRYSENE	60	120	UG/KG
SC-21220-S	4/1/1999	CHRYSENE	20	40	UG/KG
SC-21305-S	3/17/2000	CHRYSENE	9	18	UG/KG
SC-21306-S	3/17/2000	CHRYSENE	9	18	UG/KG
SC-21313-S	3/17/2000	CHRYSENE	120	19	UG/KG
SC-21319-S	3/17/2000	CHRYSENE	9.5	19	UG/KG
SC-21501-S	3/24/2000	CHRYSENE	60	120	UG/KG
SC-21502-S	4/1/1999	CHRYSENE	21	42	UG/KG
SC-21503-S	4/1/1999	CHRYSENE	20.5	41	UG/KG
SC-21504-S	4/1/1999	CHRYSENE	20	40	UG/KG
SC-21505-S	4/1/1999	CHRYSENE	20.5	41	UG/KG
SC-21506-S	4/1/1999	CHRYSENE	20.5	41	UG/KG
SC-21507-S	4/1/1999	CHRYSENE	21	42	UG/KG
SC-21508-S	4/1/1999	CHRYSENE	20	40	UG/KG
SC-21509-S	4/1/1999	CHRYSENE	21	42	UG/KG
SC-21510-S	4/1/1999	CHRYSENE	20	40	UG/KG
SC-21511-S	4/1/1999	CHRYSENE	21.5	43	UG/KG
SC-21512-S	4/1/1999	CHRYSENE	20	40	UG/KG
SC-21513-S	4/1/1999	CHRYSENE	21.5	43	UG/KG
SC-21514-S	4/1/1999	CHRYSENE	20.5	41	UG/KG
SC-21515-S	4/1/1999	CHRYSENE	20	40	UG/KG
SC-21516-S	4/1/1999	CHRYSENE	21	42	UG/KG
SC-21518-S	4/1/1999	CHRYSENE	20	40	UG/KG
SC-21519-S	4/1/1999	CHRYSENE	22.5	45	UG/KG
SC-21520-S	4/1/1999	CHRYSENE	21.5	43	UG/KG
SC-21601-S	4/1/1999	CHRYSENE	20	40	UG/KG
SC-21602-S	4/2/1999	CHRYSENE	20	40	UG/KG
SC-21603-S	4/2/1999	CHRYSENE	18.5	37	UG/KG
SC-21604-S	4/2/1999	CHRYSENE	20.5	41	UG/KG
SC-21605-S	4/2/1999	CHRYSENE	20.5	41	UG/KG
SC-21606-S	4/1/1999	CHRYSENE	20.5	41	UG/KG
SC-21607-S	4/2/1999	CHRYSENE	21	42	UG/KG
SC-21608-S	4/2/1999	CHRYSENE	21	42	UG/KG
SC-21609-S	4/2/1999	CHRYSENE	19	38	UG/KG
SC-21610-S	4/2/1999	CHRYSENE	20.5	41	UG/KG
SC-21611-S	4/1/1999	CHRYSENE	20.5	41	UG/KG
SC-21612-S	4/1/1999	CHRYSENE	20.5	41	UG/KG
SC-21613-S	4/2/1999	CHRYSENE	20	40	UG/KG
SC-21614-S	4/2/1999	CHRYSENE	21	42	UG/KG
SC-21615-S	4/2/1999	CHRYSENE	20	40	UG/KG
SC-21616-S	4/1/1999	CHRYSENE	22.5	45	UG/KG
SC-21617-S	4/1/1999	CHRYSENE	21	42	UG/KG
SC-21618-S	4/2/1999	CHRYSENE	20	40	UG/KG
SC-21619-S	4/2/1999	CHRYSENE	20	40	UG/KG
SC-21620-S	4/2/1999	CHRYSENE	21.5	43	UG/KG
SC-18905-S	4/17/2000	INDENO(1,2,3-CD)PYRENE	17.5	35	UG/KG
SC-18906-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-18910-C	4/17/2000	INDENO(1,2,3-CD)PYRENE	15.5	31	UG/KG
SC-18910-S	4/17/2000	INDENO(1,2,3-CD)PYRENE	18	36	UG/KG

APPENDIX B WP-437 RU22 FINAL DATA

WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-18911-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-18912-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-18915-S	4/17/2000	INDENO(1,2,3-CD)PYRENE	17.5	35	UG/KG
SC-18916-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-18917-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-18918-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-18921-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-18922-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-18923-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-18924-C	4/6/2000	INDENO(1,2,3-CD)PYRENE	9.5	19	UG/KG
SC-18924-S	9/30/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-18924-S-RS	10/5/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-19006-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19007-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-19008-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19009-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-19010-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-19011-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-19012-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19013-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-19014-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-19015-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-19016-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-19017-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19018-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-19019-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-19020-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19021-C	8/3/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19021-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19022-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-19023-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19024-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19025-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19106-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19107-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19108-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19109-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19110-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-19111-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19112-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19113-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19114-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-19115-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	19	16	UG/KG
SC-19116-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19117-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19118-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19119-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19120-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19121-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19122-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19123-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19124-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19125-C	8/5/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19125-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19216-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG

APPENDIX B WP-437 RU22 FINAL DATA

WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19220-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19221-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19225-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19226-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19227-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19301-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19302-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19303-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-19304-S	4/6/2000	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-19305-S	4/6/2000	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-19306-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19307-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19308-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-19309-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19309-S-RS2	4/6/2000	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19310-S	4/6/2000	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19311-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-19312-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-19313-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19314-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-19315-S	4/6/2000	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-19316-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19317-S	5/2/2000	INDENO(1,2,3-CD)PYRENE	5.6	11.2	UG/KG
SC-19318-S	5/2/2000	INDENO(1,2,3-CD)PYRENE	5.35	10.7	UG/KG
SC-19319-S	5/2/2000	INDENO(1,2,3-CD)PYRENE	5.8	11.6	UG/KG
SC-19320-S	4/6/2000	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-19401-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19402-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19403-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19404-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19405-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19406-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19407-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19408-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19409-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-19410-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19411-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19412-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19413-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19414-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19415-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19416-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19417-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19418-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19419-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19420-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19501-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19502-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19503-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	7.5	15	UG/KG
SC-19504-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19505-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19506-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	34	16	UG/KG
SC-19507-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19508-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19509-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG

APPENDIX B WP-437 RU22 FINAL DATA

WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19510-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19511-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19512-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19513-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19514-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19515-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19516-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19517-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19518-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-19519-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19520-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19604-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	7.5	15	UG/KG
SC-19605-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19606-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19610-S	8/26/1999	INDENO(1,2,3-CD)PYRENE	130	16	UG/KG
SC-19611-S	8/26/1999	INDENO(1,2,3-CD)PYRENE	10.5	21	UG/KG
SC-19612-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19613-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19618-S	8/26/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19619-S	8/26/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19620-S	8/26/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-19621-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19701-U	5/2/2000	INDENO(1,2,3-CD)PYRENE	6	12	UG/KG
SC-19702-U	5/2/2000	INDENO(1,2,3-CD)PYRENE	6	12	UG/KG
SC-19717-S	5/1/2000	INDENO(1,2,3-CD)PYRENE	5.6	11.2	UG/KG
SC-19718-S	5/1/2000	INDENO(1,2,3-CD)PYRENE	5.3	10.6	UG/KG
SC-19801-C	5/12/2000	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-19802-S	5/2/2000	INDENO(1,2,3-CD)PYRENE	6.5	13	UG/KG
SC-19803-S	5/2/2000	INDENO(1,2,3-CD)PYRENE	5.45	10.9	UG/KG
SC-19807-S	5/2/2000	INDENO(1,2,3-CD)PYRENE	5.8	11.6	UG/KG
SC-19808-S	5/2/2000	INDENO(1,2,3-CD)PYRENE	5.6	11.2	UG/KG
SC-19812-S	4/5/2000	INDENO(1,2,3-CD)PYRENE	17	34	UG/KG
SC-19813-S	4/5/2000	INDENO(1,2,3-CD)PYRENE	16.5	33	UG/KG
SC-19817-S	3/31/2000	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19818-S	4/5/2000	INDENO(1,2,3-CD)PYRENE	16.5	33	UG/KG
SC-19901-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19902-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19903-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19904-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19905-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19906-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-19907-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19908-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-19909-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19910-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19911-S	7/30/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19912-S	3/31/2000	INDENO(1,2,3-CD)PYRENE	10	20	UG/KG
SC-19913-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19914-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-19915-S	3/31/2000	INDENO(1,2,3-CD)PYRENE	9.5	19	UG/KG
SC-19916-S	3/31/2000	INDENO(1,2,3-CD)PYRENE	9.5	19	UG/KG
SC-19917-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-19918-S	3/31/2000	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-19919-S	3/31/2000	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-19920-S	3/31/2000	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG

APPENDIX B WP-437 RU22 FINAL DATA

WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20001-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-20002-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-20003-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-20004-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-20005-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-20006-S	8/31/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-20007-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-20008-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-20009-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-20010-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-20011-S	8/26/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-20012-S	8/26/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-20013-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-20014-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-20015-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-20016-S	8/26/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-20017-S	8/26/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-20018-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-20019-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-20020-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-20301-S	8/26/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-20302-S	8/26/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-20303-S	8/26/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-20304-S	8/5/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-20305-S	8/31/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-20306-S	8/26/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-20307-S	8/26/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-20308-S	8/31/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-20311-S	8/31/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-20312-S	8/26/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-20316-S	8/31/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-20401-S	8/31/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-20402-S	8/26/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-20403-S	8/26/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-20404-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-20405-S	8/3/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-20406-S	8/31/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-20407-S	8/31/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-20408-S	8/26/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-20409-S	8/26/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-20410-S	8/26/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-20412-S	8/31/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-20413-S	8/26/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-20414-S	8/26/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-20414-S-RS	3/24/2000	INDENO(1,2,3-CD)PYRENE	18	36	UG/KG
SC-20415-S	8/26/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-20415-S-RS	3/24/2000	INDENO(1,2,3-CD)PYRENE	17	34	UG/KG
SC-20417-S	8/31/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-20418-S	8/31/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-20419-S	3/17/2000	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-20420-S	3/17/2000	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-20501-U	4/26/2000	INDENO(1,2,3-CD)PYRENE	18.5	37	UG/KG
SC-20503-S	8/26/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-20503-S-RS	3/24/2000	INDENO(1,2,3-CD)PYRENE	18.5	37	UG/KG
SC-20504-S	3/31/2000	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG

APPENDIX B WP-437 RU22 FINAL DATA

WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20505-S	3/31/2000	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-20506-S	3/31/2000	INDENO(1,2,3-CD)PYRENE	9.5	19	UG/KG
SC-20510-S	3/17/2000	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-20511-S	3/17/2000	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-20512-S	3/17/2000	INDENO(1,2,3-CD)PYRENE	9.5	19	UG/KG
SC-20515-S	3/17/2000	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-20516-S	3/17/2000	INDENO(1,2,3-CD)PYRENE	9.5	19	UG/KG
SC-20517-S	3/17/2000	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-20518-S	3/17/2000	INDENO(1,2,3-CD)PYRENE	9.5	19	UG/KG
SC-20519-S	3/17/2000	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-20702-S	3/29/2000	INDENO(1,2,3-CD)PYRENE	17	34	UG/KG
SC-20705-S	3/29/2000	INDENO(1,2,3-CD)PYRENE	16.5	33	UG/KG
SC-20706-S	3/29/2000	INDENO(1,2,3-CD)PYRENE	17.5	35	UG/KG
SC-20905-S	4/19/2000	INDENO(1,2,3-CD)PYRENE	17.6	35.2	UG/KG
SC-20906-S	4/19/2000	INDENO(1,2,3-CD)PYRENE	17.3	34.6	UG/KG
SC-20908-S	4/26/2000	INDENO(1,2,3-CD)PYRENE	31	33	UG/KG
SC-20909-S	4/19/2000	INDENO(1,2,3-CD)PYRENE	17.4	34.8	UG/KG
SC-20910-S	4/19/2000	INDENO(1,2,3-CD)PYRENE	17.5	35	UG/KG
SC-20913-S	4/19/2000	INDENO(1,2,3-CD)PYRENE	16.95	33.9	UG/KG
SC-20914-S	4/26/2000	INDENO(1,2,3-CD)PYRENE	17.5	35	UG/KG
SC-20917-S	4/26/2000	INDENO(1,2,3-CD)PYRENE	16.5	33	UG/KG
SC-20918-C	4/26/2000	INDENO(1,2,3-CD)PYRENE	18.5	37	UG/KG
SC-20918-S	4/26/2000	INDENO(1,2,3-CD)PYRENE	18	36	UG/KG
SC-21101-S	3/29/2000	INDENO(1,2,3-CD)PYRENE	17.5	35	UG/KG
SC-21102-S	3/29/2000	INDENO(1,2,3-CD)PYRENE	18.5	37	UG/KG
SC-21103-S	3/29/2000	INDENO(1,2,3-CD)PYRENE	17.5	35	UG/KG
SC-21104-S	4/6/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-21105-S	4/6/1999	INDENO(1,2,3-CD)PYRENE	8.5	17	UG/KG
SC-21106-S	3/29/2000	INDENO(1,2,3-CD)PYRENE	18	36	UG/KG
SC-21107-S	4/2/1999	INDENO(1,2,3-CD)PYRENE	20	40	UG/KG
SC-21107-S-RS	4/12/2000	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-21108-S	6/15/1999	INDENO(1,2,3-CD)PYRENE	9.5	19	UG/KG
SC-21109-S	4/6/1999	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-21110-S	4/6/1999	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-21111-S	4/2/1999	INDENO(1,2,3-CD)PYRENE	18	36	UG/KG
SC-21112-S	4/2/1999	INDENO(1,2,3-CD)PYRENE	20	40	UG/KG
SC-21113-S	4/2/1999	INDENO(1,2,3-CD)PYRENE	18	36	UG/KG
SC-21114-S	4/2/1999	INDENO(1,2,3-CD)PYRENE	21	42	UG/KG
SC-21115-S	4/2/1999	INDENO(1,2,3-CD)PYRENE	20.5	41	UG/KG
SC-21116-S	4/1/1999	INDENO(1,2,3-CD)PYRENE	18	36	UG/KG
SC-21117-S	4/2/1999	INDENO(1,2,3-CD)PYRENE	19	38	UG/KG
SC-21118-S	4/2/1999	INDENO(1,2,3-CD)PYRENE	20	40	UG/KG
SC-21119-S	4/2/1999	INDENO(1,2,3-CD)PYRENE	19	38	UG/KG
SC-21120-S	4/2/1999	INDENO(1,2,3-CD)PYRENE	20	40	UG/KG
SC-21201-S	3/17/2000	INDENO(1,2,3-CD)PYRENE	9.5	19	UG/KG
SC-21201-U	4/14/2000	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-21202-S	3/17/2000	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-21203-S	3/17/2000	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-21204-S	3/17/2000	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-21205-S	3/29/2000	INDENO(1,2,3-CD)PYRENE	17	34	UG/KG
SC-21206-S	3/17/2000	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-21207-S	3/17/2000	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-21208-S	3/17/2000	INDENO(1,2,3-CD)PYRENE	9.5	19	UG/KG
SC-21209-S	3/17/2000	INDENO(1,2,3-CD)PYRENE	9.5	19	UG/KG
SC-21210-S	3/29/2000	INDENO(1,2,3-CD)PYRENE	17	34	UG/KG

APPENDIX B WP-437 RU22 FINAL DATA

WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21211-S	3/17/2000	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-21212-S	3/17/2000	INDENO(1,2,3-CD)PYRENE	10	20	UG/KG
SC-21213-S	3/17/2000	INDENO(1,2,3-CD)PYRENE	8	16	UG/KG
SC-21214-S	3/24/2000	INDENO(1,2,3-CD)PYRENE	16.5	33	UG/KG
SC-21215-S	3/24/2000	INDENO(1,2,3-CD)PYRENE	17.5	35	UG/KG
SC-21216-S	3/17/2000	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-21217-S	3/24/2000	INDENO(1,2,3-CD)PYRENE	16	32	UG/KG
SC-21218-S	3/24/2000	INDENO(1,2,3-CD)PYRENE	17	34	UG/KG
SC-21219-S	3/24/2000	INDENO(1,2,3-CD)PYRENE	17	34	UG/KG
SC-21220-S	4/1/1999	INDENO(1,2,3-CD)PYRENE	20	40	UG/KG
SC-21305-S	3/17/2000	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-21306-S	3/17/2000	INDENO(1,2,3-CD)PYRENE	9	18	UG/KG
SC-21313-S	3/17/2000	INDENO(1,2,3-CD)PYRENE	9.5	19	UG/KG
SC-21319-S	3/17/2000	INDENO(1,2,3-CD)PYRENE	9.5	19	UG/KG
SC-21501-S	3/24/2000	INDENO(1,2,3-CD)PYRENE	17	34	UG/KG
SC-21502-S	4/1/1999	INDENO(1,2,3-CD)PYRENE	21	42	UG/KG
SC-21503-S	4/1/1999	INDENO(1,2,3-CD)PYRENE	20.5	41	UG/KG
SC-21504-S	4/1/1999	INDENO(1,2,3-CD)PYRENE	20	40	UG/KG
SC-21505-S	4/1/1999	INDENO(1,2,3-CD)PYRENE	20.5	41	UG/KG
SC-21506-S	4/1/1999	INDENO(1,2,3-CD)PYRENE	20.5	41	UG/KG
SC-21507-S	4/1/1999	INDENO(1,2,3-CD)PYRENE	21	42	UG/KG
SC-21508-S	4/1/1999	INDENO(1,2,3-CD)PYRENE	20	40	UG/KG
SC-21509-S	4/1/1999	INDENO(1,2,3-CD)PYRENE	21	42	UG/KG
SC-21510-S	4/1/1999	INDENO(1,2,3-CD)PYRENE	20	40	UG/KG
SC-21511-S	4/1/1999	INDENO(1,2,3-CD)PYRENE	21.5	43	UG/KG
SC-21512-S	4/1/1999	INDENO(1,2,3-CD)PYRENE	20	40	UG/KG
SC-21513-S	4/1/1999	INDENO(1,2,3-CD)PYRENE	21.5	43	UG/KG
SC-21514-S	4/1/1999	INDENO(1,2,3-CD)PYRENE	20.5	41	UG/KG
SC-21515-S	4/1/1999	INDENO(1,2,3-CD)PYRENE	20	40	UG/KG
SC-21516-S	4/1/1999	INDENO(1,2,3-CD)PYRENE	21	42	UG/KG
SC-21518-S	4/1/1999	INDENO(1,2,3-CD)PYRENE	20	40	UG/KG
SC-21519-S	4/1/1999	INDENO(1,2,3-CD)PYRENE	22.5	45	UG/KG
SC-21520-S	4/1/1999	INDENO(1,2,3-CD)PYRENE	21.5	43	UG/KG
SC-21601-S	4/1/1999	INDENO(1,2,3-CD)PYRENE	20	40	UG/KG
SC-21602-S	4/2/1999	INDENO(1,2,3-CD)PYRENE	20	40	UG/KG
SC-21603-S	4/2/1999	INDENO(1,2,3-CD)PYRENE	18.5	37	UG/KG
SC-21604-S	4/2/1999	INDENO(1,2,3-CD)PYRENE	20.5	41	UG/KG
SC-21605-S	4/2/1999	INDENO(1,2,3-CD)PYRENE	20.5	41	UG/KG
SC-21606-S	4/1/1999	INDENO(1,2,3-CD)PYRENE	20.5	41	UG/KG
SC-21607-S	4/2/1999	INDENO(1,2,3-CD)PYRENE	21	42	UG/KG
SC-21608-S	4/2/1999	INDENO(1,2,3-CD)PYRENE	21	42	UG/KG
SC-21609-S	4/2/1999	INDENO(1,2,3-CD)PYRENE	19	38	UG/KG
SC-21610-S	4/2/1999	INDENO(1,2,3-CD)PYRENE	20.5	41	UG/KG
SC-21611-S	4/1/1999	INDENO(1,2,3-CD)PYRENE	20.5	41	UG/KG
SC-21612-S	4/1/1999	INDENO(1,2,3-CD)PYRENE	20.5	41	UG/KG
SC-21613-S	4/2/1999	INDENO(1,2,3-CD)PYRENE	20	40	UG/KG
SC-21614-S	4/2/1999	INDENO(1,2,3-CD)PYRENE	21	42	UG/KG
SC-21615-S	4/2/1999	INDENO(1,2,3-CD)PYRENE	20	40	UG/KG
SC-21616-S	4/1/1999	INDENO(1,2,3-CD)PYRENE	22.5	45	UG/KG
SC-21617-S	4/1/1999	INDENO(1,2,3-CD)PYRENE	21	42	UG/KG
SC-21618-S	4/2/1999	INDENO(1,2,3-CD)PYRENE	20	40	UG/KG
SC-21619-S	4/2/1999	INDENO(1,2,3-CD)PYRENE	20	40	UG/KG
SC-21620-S	4/2/1999	INDENO(1,2,3-CD)PYRENE	21.5	43	UG/KG
SC-18906-S	7/30/1999	LEAD	13.4	0.31	UG/G
SC-18911-S	7/30/1999	LEAD	20.9	0.31	UG/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-18912-S	7/30/1999	LEAD	13	0.3	UG/G
SC-18916-S	7/30/1999	LEAD	9.7	0.31	UG/G
SC-18917-S	7/30/1999	LEAD	11.4	0.31	UG/G
SC-18918-S	7/30/1999	LEAD	12	0.3	UG/G
SC-18921-S	7/30/1999	LEAD	9.6	0.29	UG/G
SC-18922-S	7/30/1999	LEAD	7.9	0.3	UG/G
SC-18923-S	7/30/1999	LEAD	18	0.32	UG/G
SC-18924-S	9/30/1999	LEAD	12.8	0.34	UG/G
SC-18924-S-RS	10/5/1999	LEAD	12.9	0.36	UG/G
SC-19006-S	8/3/1999	LEAD	13.2	0.3	UG/G
SC-19007-S	8/3/1999	LEAD	13.8	0.31	UG/G
SC-19008-S	7/30/1999	LEAD	13.5	0.3	UG/G
SC-19009-S	7/30/1999	LEAD	12.4	0.31	UG/G
SC-19010-S	7/30/1999	LEAD	16.2	0.32	UG/G
SC-19011-S	8/3/1999	LEAD	15.7	0.32	UG/G
SC-19012-S	8/3/1999	LEAD	26.8	0.3	UG/G
SC-19013-S	7/30/1999	LEAD	17	0.32	UG/G
SC-19014-S	7/30/1999	LEAD	13.2	0.32	UG/G
SC-19015-S	7/30/1999	LEAD	12.2	0.32	UG/G
SC-19016-S	8/3/1999	LEAD	16.1	0.31	UG/G
SC-19017-S	8/3/1999	LEAD	19.2	0.3	UG/G
SC-19018-S	7/30/1999	LEAD	38.3	0.32	UG/G
SC-19019-S	7/30/1999	LEAD	11.1	0.32	UG/G
SC-19020-S	7/30/1999	LEAD	11.3	0.3	UG/G
SC-19021-C	8/3/1999	LEAD	12.3	0.3	UG/G
SC-19021-S	8/3/1999	LEAD	8.8	0.29	UG/G
SC-19022-S	8/3/1999	LEAD	17.9	0.31	UG/G
SC-19023-S	7/30/1999	LEAD	8.4	0.3	UG/G
SC-19024-S	7/30/1999	LEAD	8.9	0.3	UG/G
SC-19025-S	7/30/1999	LEAD	8	0.3	UG/G
SC-19106-S	8/5/1999	LEAD	12.7	0.28	UG/G
SC-19107-S	8/5/1999	LEAD	13.5	0.29	UG/G
SC-19108-S	8/5/1999	LEAD	15.2	0.3	UG/G
SC-19109-S	8/5/1999	LEAD	14.1	0.3	UG/G
SC-19110-S	8/5/1999	LEAD	13.1	0.31	UG/G
SC-19111-S	8/5/1999	LEAD	16.3	0.28	UG/G
SC-19112-S	8/5/1999	LEAD	16.7	0.28	UG/G
SC-19113-S	8/5/1999	LEAD	23.2	0.28	UG/G
SC-19114-S	8/5/1999	LEAD	48.8	0.31	UG/G
SC-19115-S	8/5/1999	LEAD	18.6	0.28	UG/G
SC-19116-S	8/5/1999	LEAD	14.2	0.3	UG/G
SC-19117-S	8/5/1999	LEAD	12.9	0.28	UG/G
SC-19118-S	8/5/1999	LEAD	16.5	0.31	UG/G
SC-19119-S	8/5/1999	LEAD	15.7	0.29	UG/G
SC-19120-S	8/5/1999	LEAD	12.1	0.28	UG/G
SC-19121-S	8/5/1999	LEAD	13.4	0.28	UG/G
SC-19122-S	8/5/1999	LEAD	17.5	0.28	UG/G
SC-19123-S	8/5/1999	LEAD	15.1	0.3	UG/G
SC-19124-S	8/5/1999	LEAD	9.4	0.29	UG/G
SC-19125-C	8/5/1999	LEAD	13.9	0.29	UG/G
SC-19125-S	8/5/1999	LEAD	12.5	0.3	UG/G
SC-19216-S	8/5/1999	LEAD	14.1	0.29	UG/G
SC-19220-S	8/5/1999	LEAD	14.7	0.29	UG/G
SC-19221-S	8/5/1999	LEAD	15.6	0.28	UG/G
SC-19225-S	8/5/1999	LEAD	12.7	0.28	UG/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19226-S	8/5/1999	LEAD	18.1	0.27	UG/G
SC-19227-S	8/5/1999	LEAD	13.9	0.28	UG/G
SC-19301-S	7/30/1999	LEAD	10.1	0.28	UG/G
SC-19302-S	7/30/1999	LEAD	11.3	0.29	UG/G
SC-19303-S	7/30/1999	LEAD	7.7	0.31	UG/G
SC-19304-S	4/6/2000	LEAD	13.9	0.67	UG/G
SC-19306-S	7/30/1999	LEAD	12.4	0.29	UG/G
SC-19307-S	7/30/1999	LEAD	10	0.29	UG/G
SC-19308-S	7/30/1999	LEAD	8.8	0.31	UG/G
SC-19309-S	7/30/1999	LEAD	15.5	0.29	UG/G
SC-19309-S-RS2	4/6/2000	LEAD	19.4	0.64	UG/G
SC-19311-S	7/30/1999	LEAD	11	0.31	UG/G
SC-19312-S	7/30/1999	LEAD	8.2	0.31	UG/G
SC-19313-S	7/30/1999	LEAD	11	0.3	UG/G
SC-19314-S	7/30/1999	LEAD	12.5	0.32	UG/G
SC-19316-S	7/30/1999	LEAD	19.1	0.29	UG/G
SC-19317-S	5/2/2000	LEAD	10.7	0.49	UG/G
SC-19318-S	5/2/2000	LEAD	9.8	0.49	UG/G
SC-19319-S	5/2/2000	LEAD	12.4	0.48	UG/G
SC-19320-S	4/6/2000	LEAD	15	0.68	UG/G
SC-19401-S	8/3/1999	LEAD	10.5	0.29	UG/G
SC-19402-S	8/3/1999	LEAD	19.1	0.3	UG/G
SC-19403-S	7/30/1999	LEAD	11.1	0.3	UG/G
SC-19404-S	7/30/1999	LEAD	7	0.29	UG/G
SC-19405-S	7/30/1999	LEAD	8.3	0.28	UG/G
SC-19406-S	8/3/1999	LEAD	12.8	0.3	UG/G
SC-19407-S	8/3/1999	LEAD	8.1	0.28	UG/G
SC-19408-S	7/30/1999	LEAD	7.3	0.28	UG/G
SC-19409-S	7/30/1999	LEAD	9.3	0.31	UG/G
SC-19410-S	7/30/1999	LEAD	11.9	0.28	UG/G
SC-19411-S	8/3/1999	LEAD	20.5	0.29	UG/G
SC-19412-S	8/3/1999	LEAD	16.6	0.28	UG/G
SC-19413-S	7/30/1999	LEAD	9.4	0.28	UG/G
SC-19414-S	7/30/1999	LEAD	7.4	0.3	UG/G
SC-19415-S	7/30/1999	LEAD	9	0.28	UG/G
SC-19416-S	8/3/1999	LEAD	14.2	0.3	UG/G
SC-19417-S	8/3/1999	LEAD	14.6	0.3	UG/G
SC-19418-S	8/3/1999	LEAD	13.6	0.29	UG/G
SC-19419-S	8/3/1999	LEAD	8	0.29	UG/G
SC-19420-S	7/30/1999	LEAD	8	0.27	UG/G
SC-19501-S	8/5/1999	LEAD	12.6	0.29	UG/G
SC-19502-S	8/5/1999	LEAD	11.8	0.28	UG/G
SC-19503-S	8/5/1999	LEAD	12.1	0.27	UG/G
SC-19504-S	8/5/1999	LEAD	8.8	0.3	UG/G
SC-19505-S	8/5/1999	LEAD	8.4	0.28	UG/G
SC-19506-S	8/5/1999	LEAD	11.6	0.28	UG/G
SC-19507-S	8/5/1999	LEAD	11.2	0.28	UG/G
SC-19508-S	8/5/1999	LEAD	11.5	0.28	UG/G
SC-19509-S	8/5/1999	LEAD	8.8	0.29	UG/G
SC-19510-S	8/5/1999	LEAD	11.5	0.29	UG/G
SC-19511-S	8/5/1999	LEAD	16.2	0.28	UG/G
SC-19512-S	8/5/1999	LEAD	15.9	0.28	UG/G
SC-19513-S	8/5/1999	LEAD	10.7	0.27	UG/G
SC-19514-S	8/5/1999	LEAD	11.6	0.28	UG/G
SC-19515-S	8/5/1999	LEAD	18.8	0.3	UG/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19516-S	8/5/1999	LEAD	16.8	0.28	UG/G
SC-19517-S	8/5/1999	LEAD	10.3	0.29	UG/G
SC-19518-S	8/5/1999	LEAD	12.2	0.31	UG/G
SC-19519-S	8/5/1999	LEAD	17.8	0.29	UG/G
SC-19520-S	8/5/1999	LEAD	8.4	0.3	UG/G
SC-19604-S	8/5/1999	LEAD	36.1	0.27	UG/G
SC-19605-S	8/5/1999	LEAD	22.4	0.28	UG/G
SC-19606-S	8/5/1999	LEAD	14.7	0.27	UG/G
SC-19610-S	8/26/1999	LEAD	18.9	0.28	UG/G
SC-19611-S	8/26/1999	LEAD	14.8	0.37	UG/G
SC-19612-S	8/5/1999	LEAD	20.7	0.28	UG/G
SC-19613-S	8/5/1999	LEAD	19.6	0.29	UG/G
SC-19618-S	8/26/1999	LEAD	22.4	0.29	UG/G
SC-19619-S	8/26/1999	LEAD	18.1	0.29	UG/G
SC-19620-S	8/26/1999	LEAD	19.2	0.31	UG/G
SC-19621-S	8/5/1999	LEAD	15.8	0.29	UG/G
SC-19802-S	5/2/2000	LEAD	18.2	0.55	UG/G
SC-19803-S	5/2/2000	LEAD	8.8	0.47	UG/G
SC-19807-S	5/2/2000	LEAD	8.9	0.53	UG/G
SC-19808-S	5/2/2000	LEAD	11.3	0.47	UG/G
SC-19812-S	4/5/2000	LEAD	11.3	0.46	UG/G
SC-19813-S	4/5/2000	LEAD	12.6	0.46	UG/G
SC-19817-S	3/31/2000	LEAD	11.5	0.65	UG/G
SC-19818-S	4/5/2000	LEAD	11	0.47	UG/G
SC-19901-S	8/3/1999	LEAD	10.3	0.29	UG/G
SC-19902-S	8/3/1999	LEAD	10.7	0.28	UG/G
SC-19903-S	7/30/1999	LEAD	10.1	0.28	UG/G
SC-19904-S	7/30/1999	LEAD	10.8	0.29	UG/G
SC-19905-S	8/3/1999	LEAD	9.3	0.28	UG/G
SC-19906-S	8/3/1999	LEAD	8.3	0.31	UG/G
SC-19907-S	7/30/1999	LEAD	8.7	0.29	UG/G
SC-19908-S	7/30/1999	LEAD	8.1	0.31	UG/G
SC-19909-S	8/3/1999	LEAD	9.6	0.3	UG/G
SC-19910-S	8/3/1999	LEAD	12	0.3	UG/G
SC-19911-S	7/30/1999	LEAD	9.7	0.3	UG/G
SC-19912-S	3/31/2000	LEAD	10.4	0.74	UG/G
SC-19913-S	8/3/1999	LEAD	9	0.28	UG/G
SC-19914-S	8/3/1999	LEAD	11.6	0.3	UG/G
SC-19915-S	3/31/2000	LEAD	8.3	0.7	UG/G
SC-19916-S	3/31/2000	LEAD	14.5	0.72	UG/G
SC-19917-S	8/3/1999	LEAD	16.7	0.28	UG/G
SC-19918-S	3/31/2000	LEAD	15.1	0.68	UG/G
SC-19919-S	3/31/2000	LEAD	30.5	0.68	UG/G
SC-19920-S	3/31/2000	LEAD	10.8	0.68	UG/G
SC-20001-S	8/3/1999	LEAD	20.7	0.3	UG/G
SC-20002-S	8/3/1999	LEAD	18.4	0.31	UG/G
SC-20003-S	8/3/1999	LEAD	12.4	0.31	UG/G
SC-20004-S	8/3/1999	LEAD	15.1	0.29	UG/G
SC-20005-S	8/3/1999	LEAD	16	0.29	UG/G
SC-20006-S	8/31/1999	LEAD	15.5	0.29	UG/G
SC-20007-S	8/3/1999	LEAD	15.6	0.32	UG/G
SC-20008-S	8/3/1999	LEAD	16.2	0.29	UG/G
SC-20009-S	8/3/1999	LEAD	15.3	0.29	UG/G
SC-20010-S	8/3/1999	LEAD	13 9	0.29	UG/G
SC-20011-S	8/26/1999	LEAD	14.1	0.28	UG/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20012-S	8/26/1999	LEAD	15.8	0.3	UG/G
SC-20013-S	8/3/1999	LEAD	15.7	0.28	UG/G
SC-20014-S	8/3/1999	LEAD	19.7	0.29	UG/G
SC-20015-S	8/3/1999	LEAD	20.5	0.32	UG/G
SC-20016-S	8/26/1999	LEAD	10.7	0.31	UG/G
SC-20017-S	8/26/1999	LEAD	14	0.29	UG/G
SC-20018-S	8/3/1999	LEAD	13.5	0.28	UG/G
SC-20019-S	8/3/1999	LEAD	11.6	0.29	UG/G
SC-20020-S	8/3/1999	LEAD	11	0.28	UG/G
SC-20301-S	8/26/1999	LEAD	86.7	0.3	UG/G
SC-20302-S	8/26/1999	LEAD	18.3	0.3	UG/G
SC-20303-S	8/26/1999	LEAD	14.6	0.28	UG/G
SC-20304-S	8/5/1999	LEAD	14.7	0.3	UG/G
SC-20305-S	8/31/1999	LEAD	20.8	0.28	UG/G
SC-20306-S	8/26/1999	LEAD	13	0.28	UG/G
SC-20307-S	8/26/1999	LEAD	14.8	0.28	UG/G
SC-20308-S	8/31/1999	LEAD	13.9	0.3	UG/G
SC-20311-S	8/31/1999	LEAD	17	0.29	UG/G
SC-20312-S	8/26/1999	LEAD	12.8	0.29	UG/G
SC-20316-S	8/31/1999	LEAD	15.2	0.29	UG/G
SC-20401-S	8/31/1999	LEAD	16.6	0.28	UG/G
SC-20402-S	8/26/1999	LEAD	13.1	0.29	UG/G
SC-20403-S	8/26/1999	LEAD	17.7	0.28	UG/G
SC-20404-S	8/3/1999	LEAD	12.2	0.28	UG/G
SC-20405-S	8/3/1999	LEAD	13.9	0.28	UG/G
SC-20406-S	8/31/1999	LEAD	12.7	0.29	UG/G
SC-20407-S	8/31/1999	LEAD	10.8	0.28	UG/G
SC-20408-S	8/26/1999	LEAD	11.7	0.27	UG/G
SC-20409-S	8/26/1999	LEAD	8.5	0.28	UG/G
SC-20410-S	8/26/1999	LEAD	7.5	0.3	UG/G
SC-20412-S	8/31/1999	LEAD	13.6	0.29	UG/G
SC-20413-S	8/26/1999	LEAD	14.9	0.27	UG/G
SC-20414-S	8/26/1999	LEAD	10.8	0.33	UG/G
SC-20414-S-RS	3/24/2000	LEAD	18.2	0.56	UG/G
SC-20415-S	8/26/1999	LEAD	15	0.28	UG/G
SC-20415-S-RS	3/24/2000	LEAD	9.1	0.52	UG/G
SC-20417-S	8/31/1999	LEAD	11.7	0.29	UG/G
SC-20418-S	8/31/1999	LEAD	11.5	0.27	UG/G
SC-20419-S	3/17/2000	LEAD	5.8	0.14	UG/G
SC-20420-S	3/17/2000	LEAD	13	0.14	UG/G
SC-20501-U	4/26/2000	LEAD	12.6	0.57	UG/G
SC-20503-S	8/26/1999	LEAD	16.5	0.31	UG/G
SC-20503-S-RS	3/24/2000	LEAD	14	0.56	UG/G
SC-20504-S	3/31/2000	LEAD	16.2	0.67	UG/G
SC-20505-S	3/31/2000	LEAD	15.2	0.63	UG/G
SC-20506-S	3/31/2000	LEAD	12.3	0.69	UG/G
SC-20510-S	3/17/2000	LEAD	11	0.14	UG/G
SC-20511-S	3/17/2000	LEAD	15.4	0.15	UG/G
SC-20512-S	3/17/2000	LEAD	20.3	0.16	UG/G
SC-20515-S	3/17/2000	LEAD	11.2	0.14	UG/G
SC-20516-S	3/17/2000	LEAD	15.1	0.16	UG/G
SC-20517-S	3/17/2000	LEAD	11.1	0.14	UG/G
SC-20518-S	3/17/2000	LEAD	19.8	0.15	UG/G
SC-20519-S	3/17/2000	LEAD	9.4	0.14	UG/G
SC-20702-S	3/29/2000	LEAD	9.1	0.54	UG/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20705-S	3/29/2000	LEAD	7.4	0.48	UG/G
SC-20706-S	3/29/2000	LEAD	8.3	0.52	UG/G
SC-20905-S	4/19/2000	LEAD	13.6	0.53	UG/G
SC-20906-S	4/19/2000	LEAD	7.3	0.48	UG/G
SC-20908-S	4/26/2000	LEAD	7.1	0.51	UG/G
SC-20909-S	4/19/2000	LEAD	10.8	0.51	UG/G
SC-20910-S	4/19/2000	LEAD	9.8	0.47	UG/G
SC-20913-S	4/19/2000	LEAD	12.3	0.52	UG/G
SC-20914-S	4/26/2000	LEAD	14.9	0.56	UG/G
SC-20917-S	4/26/2000	LEAD	11	0.54	UG/G
SC-20918-C	4/26/2000	LEAD	11.4	0.61	UG/G
SC-20918-S	4/26/2000	LEAD	9	0.55	UG/G
SC-21001-S	4/6/1999	LEAD	14.3	0.29	UG/G
SC-21002-S	4/6/1999	LEAD	20.6	0.28	UG/G
SC-21003-S	4/6/1999	LEAD	14.4	0.29	UG/G
SC-21004-S	4/6/1999	LEAD	9.5	0.3	UG/G
SC-21004-S-RS	3/13/2000	LEAD	13	0.38	UG/G
SC-21005-S-RS	3/13/2000	LEAD	11.2	0.37	UG/G
SC-21006-S	4/6/1999	LEAD	10.1	0.27	UG/G
SC-21007-S	4/6/1999	LEAD	11.7	0.28	UG/G
SC-21008-S	4/6/1999	LEAD	12.2	0.27	UG/G
SC-21009-S	4/6/1999	LEAD	11.7	0.31	UG/G
SC-21010-S-RS	3/13/2000	LEAD	26.7	0.38	UG/G
SC-21011-S	4/6/1999	LEAD	16.4	0.29	UG/G
SC-21012-S	4/6/1999	LEAD	14.8	0.3	UG/G
SC-21013-S	4/2/1999	LEAD	7.8	0.28	UG/G
SC-21014-S	4/2/1999	LEAD	13.2	0.28	UG/G
SC-21015-S	4/2/1999	LEAD	9.4	0.29	UG/G
SC-21016-S	4/2/1999	LEAD	12	0.28	UG/G
SC-21017-S	4/2/1999	LEAD	8.4	0.26	UG/G
SC-21018-S	4/2/1999	LEAD	11.3	0.28	UG/G
SC-21019-S	4/2/1999	LEAD	15.6	0.3	UG/G
SC-21020-S	4/2/1999	LEAD	8.7	0.27	UG/G
SC-21101-S	3/29/2000	LEAD	10.1	0.54	UG/G
SC-21102-S	3/29/2000	LEAD	10	0.53	UG/G
SC-21103-S	3/29/2000	LEAD	15.1	0.52	UG/G
SC-21104-S	4/6/1999	LEAD	25	0.29	UG/G
SC-21105-S	4/6/1999	LEAD	10.8	0.27	UG/G
SC-21106-S	3/29/2000	LEAD	7.6	0.58	UG/G
SC-21107-S	4/2/1999	LEAD	13 7	0.27	UG/G
SC-21107-S-RS	4/12/2000	LEAD	19.2	0.66	UG/G
SC-21108-S	6/15/1999	LEAD	15.3	0.3	UG/G
SC-21109-S	4/6/1999	LEAD	10.8	0.29	UG/G
SC-21110-S	4/6/1999	LEAD	15.4	0.26	UG/G
SC-21111-S	4/2/1999	LEAD	7.9	0.25	UG/G
SC-21112-S	4/2/1999	LEAD	8.6	0.27	UG/G
SC-21113-S	4/2/1999	LEAD	9.8	0.25	UG/G
SC-21114-S	4/2/1999	LEAD	14.3	0.29	UG/G
SC-21115-S	4/2/1999	LEAD	17.7	0.28	UG/G
SC-21116-S	4/1/1999	LEAD	13.9	0.25	UG/G
SC-21117-S	4/2/1999	LEAD	10.8	0.26	UG/G
SC-21118-S	4/2/1999	LEAD	10.9	0.27	UG/G
SC-21119-S	4/2/1999	LEAD	11.4	0.27	UG/G
SC-21120-S	4/2/1999	LEAD	10.7	0.27	UG/G
SC-21201-S	3/17/2000	LEAD	9.1	0.15	UG/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21201-U	4/14/2000	LEAD	13.5	0.68	UG/G
SC-21202-S	3/17/2000	LEAD	11.7	0.14	UG/G
SC-21203-S	3/17/2000	LEAD	13.8	0.14	UG/G
SC-21204-S	3/17/2000	LEAD	8.2	0.14	UG/G
SC-21205-S	3/29/2000	LEAD	25.3	0.45	UG/G
SC-21206-S	3/17/2000	LEAD	5.9	0.14	UG/G
SC-21207-S	3/17/2000	LEAD	14.4	0.14	UG/G
SC-21208-S	3/17/2000	LEAD	9.7	0.15	UG/G
SC-21209-S	3/17/2000	LEAD	8.8	0.15	UG/G
SC-21210-S	3/29/2000	LEAD	14.8	0.49	UG/G
SC-21211-S	3/17/2000	LEAD	7	0.15	UG/G
SC-21212-S	3/17/2000	LEAD	13.2	0.16	UG/G
SC-21213-S	3/17/2000	LEAD	11.9	0.13	UG/G
SC-21214-S	3/24/2000	LEAD	9.1	0.49	UG/G
SC-21215-S	3/24/2000	LEAD	12.2	0.54	UG/G
SC-21216-S	3/17/2000	LEAD	12	0.14	UG/G
SC-21217-S	3/24/2000	LEAD	11.8	0.45	UG/G
SC-21218-S	3/24/2000	LEAD	11.5	0.49	UG/G
SC-21219-S	3/24/2000	LEAD	10.6	0.56	UG/G
SC-21220-S	4/1/1999	LEAD	13.1	0.28	UG/G
SC-21305-S	3/17/2000	LEAD	14.2	0.14	UG/G
SC-21306-S	3/17/2000	LEAD	13.3	0.14	UG/G
SC-21313-S	3/17/2000	LEAD	16.6	0.15	UG/G
SC-21319-S	3/17/2000	LEAD	10.5	0.15	UG/G
SC-21406-S	3/24/2000	LEAD	12.8	0.48	UG/G
SC-21412-S	4/1/1999	LEAD	12.6	0.29	UG/G
SC-21501-S	3/24/2000	LEAD	15.8	0.49	UG/G
SC-21502-S	4/1/1999	LEAD	12.9	0.29	UG/G
SC-21503-S	4/1/1999	LEAD	13.1	0.28	UG/G
SC-21504-S	4/1/1999	LEAD	8.5	0.27	UG/G
SC-21505-S	4/1/1999	LEAD	11.5	0.28	UG/G
SC-21506-S	4/1/1999	LEAD	8.4	0.28	UG/G
SC-21507-S	4/1/1999	LEAD	12.1	0.29	UG/G
SC-21508-S	4/1/1999	LEAD	11.5	0.28	UG/G
SC-21509-S	4/1/1999	LEAD	21.6	0.29	UG/G
SC-21510-S	4/1/1999	LEAD	12.4	0.27	UG/G
SC-21511-S	4/1/1999	LEAD	15	0.3	UG/G
SC-21512-S	4/1/1999	LEAD	12	0.28	UG/G
SC-21513-S	4/1/1999	LEAD	11	0.29	UG/G
SC-21514-S	4/1/1999	LEAD	11	0.28	UG/G
SC-21515-S	4/1/1999	LEAD	15.1	0.28	UG/G
SC-21516-S	4/1/1999	LEAD	9.4	0.29	UG/G
SC-21518-S	4/1/1999	LEAD	14.7	0.27	UG/G
SC-21519-S	4/1/1999	LEAD	18.7	0.31	UG/G
SC-21520-S	4/1/1999	LEAD	16.3	0.3	UG/G
SC-21601-S	4/1/1999	LEAD	8	0.28	UG/G
SC-21602-S	4/2/1999	LEAD	12.7	0.27	UG/G
SC-21603-S	4/2/1999	LEAD	9.2	0.26	UG/G
SC-21604-S	4/2/1999	LEAD	8.1	0.28	UG/G
SC-21605-S	4/2/1999	LEAD	9.6	0.28	UG/G
SC-21606-S	4/1/1999	LEAD	9.3	0.28	UG/G
SC-21607-S	4/2/1999	LEAD	19.2	0.29	UG/G
SC-21608-S	4/2/1999	LEAD	17.9	0.29	UG/G
SC-21609-S	4/2/1999	LEAD	10.8	0.27	UG/G
SC-21610-S	4/2/1999	LEAD	11.5	0.29	UG/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21611-S	4/1/1999	LEAD	17.2	0.28	UG/G
SC-21612-S	4/1/1999	LEAD	10.5	0.28	UG/G
SC-21613-S	4/2/1999	LEAD	18	0.27	UG/G
SC-21614-S	4/2/1999	LEAD	15.3	0.29	UG/G
SC-21615-S	4/2/1999	LEAD	14.1	0.27	UG/G
SC-21616-S	4/1/1999	LEAD	15.9	0.31	UG/G
SC-21617-S	4/1/1999	LEAD	13.7	0.29	UG/G
SC-21618-S	4/2/1999	LEAD	10.6	0.28	UG/G
SC-21619-S	4/2/1999	LEAD	16.3	0.27	UG/G
SC-21620-S	4/2/1999	LEAD	11.7	0.29	UG/G
SC-21701-S	4/2/1999	LEAD	9.5	0.28	UG/G
SC-21702-S	4/2/1999	LEAD	5.7	0.27	UG/G
SC-21703-S	4/2/1999	LEAD	10.4	0.29	UG/G
SC-21704-S	4/2/1999	LEAD	8.6	0.27	UG/G
SC-21705-S	4/2/1999	LEAD	11.9	0.28	UG/G
SC-21706-S	4/2/1999	LEAD	10.5	0.28	UG/G
SC-21707-S	4/2/1999	LEAD	12	0.29	UG/G
SC-21708-S	4/2/1999	LEAD	8.2	0.27	UG/G
SC-21709-S	4/2/1999	LEAD	10	0.28	UG/G
SC-21710-S	4/2/1999	LEAD	11	0.29	UG/G
SC-21711-S	4/2/1999	LEAD	11.1	0.28	UG/G
SC-21712-S	4/2/1999	LEAD	10.8	0.29	UG/G
SC-21713-S	4/2/1999	LEAD	14.7	0.29	UG/G
SC-21714-S	4/2/1999	LEAD	12	0.28	UG/G
SC-21716-S	4/2/1999	LEAD	24.9	0.29	UG/G
SC-21717-S	4/2/1999	LEAD	14.6	0.29	UG/G
SC-21801-S	4/1/1999	LEAD	16.3	0.29	UG/G
SC-21802-S	4/1/1999	LEAD	18.6	0.29	UG/G
SC-21803-S	4/2/1999	LEAD	17.1	0.3	UG/G
SC-21804-S	4/2/1999	LEAD	13.9	0.28	UG/G
SC-21805-S	4/2/1999	LEAD	11.1	0.3	UG/G
SC-21810-S	4/1/1999	LEAD	14.5	0.31	UG/G
SC-21811-S	4/1/1999	LEAD	13.6	0.29	UG/G
SC-21812-S	4/2/1999	LEAD	13	0.3	UG/G
SC-21817-S	4/1/1999	LEAD	13.1	0.3	UG/G
SC-18905-S	4/17/2000	RADIUM-226	1.01	0.26	PCI/G
SC-18906-S	7/30/1999	RADIUM-226	0.95	0.32	PCI/G
SC-18910-C	4/17/2000	RADIUM-226	0.8	0.26	PCI/G
SC-18910-S	4/17/2000	RADIUM-226	0.8	0.25	PCI/G
SC-18911-S	7/30/1999	RADIUM-226	0.97	0.29	PCI/G
SC-18912-S	7/30/1999	RADIUM-226	0.94	0.35	PCI/G
SC-18914-S	9/30/1999	RADIUM-226	3.37	0.45	PCI/G
SC-18914-S-RS	10/5/1999	RADIUM-226	1.22	0.35	PCI/G
SC-18915-S	4/17/2000	RADIUM-226	1.3	0.28	PCI/G
SC-18916-S	7/30/1999	RADIUM-226	0.86	0.33	PCI/G
SC-18917-S	7/30/1999	RADIUM-226	0.95	0.31	PCI/G
SC-18918-S	7/30/1999	RADIUM-226	0.93	0.31	PCI/G
SC-18919-S	9/30/1999	RADIUM-226	4.3	0.4	PCI/G
SC-18919-S-RS	10/5/1999	RADIUM-226	0.87	0.26	PCI/G
SC-18920-C	6/5/2000	RADIUM-226	0.61	0.28	PCI/G
SC-18920-S	6/5/2000	RADIUM-226	0.89	0.24	PCI/G
SC-18921-S	7/30/1999	RADIUM-226	0 84	0.34	PCI/G
SC-18922-S	7/30/1999	RADIUM-226	0.81	0.26	PCI/G
SC-18923-S	7/30/1999	RADIUM-226	0.87	0.35	PCI/G
SC-18924-C	4/6/2000	RADIUM-226	3.94	0 4	PCI/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-18924-C-RS3	5/1/2000	RADIUM-226	0.57	0.22	PCI/G
SC-18924-S	9/30/1999	RADIUM-226	0.82	0.38	PCI/G
SC-18924-S-RS	10/5/1999	RADIUM-226	0.76	0.3	PCI/G
SC-18925-C	6/5/2000	RADIUM-226	0.88	0.26	PCI/G
SC-18925-S	5/12/2000	RADIUM-226	0.65	0.32	PCI/G
SC-19006-S	8/3/1999	RADIUM-226	0.83	0.33	PCI/G
SC-19007-S	8/3/1999	RADIUM-226	1.05	0.29	PCI/G
SC-19008-S	7/30/1999	RADIUM-226	1.02	0.31	PCI/G
SC-19009-S	7/30/1999	RADIUM-226	0.85	0.32	PCI/G
SC-19010-S	7/30/1999	RADIUM-226	1.04	0.31	PCI/G
SC-19011-S	8/3/1999	RADIUM-226	0.9	0.33	PCI/G
SC-19012-S	8/3/1999	RADIUM-226	0.92	0.36	PCI/G
SC-19013-S	7/30/1999	RADIUM-226	0.88	0.35	PCI/G
SC-19014-S	7/30/1999	RADIUM-226	1.04	0.33	PCI/G
SC-19015-S	7/30/1999	RADIUM-226	1.01	0.35	PCI/G
SC-19016-S	8/3/1999	RADIUM-226	3.38	0.55	PCI/G
SC-19016-S-RS	8/19/1999	RADIUM-226	0.93	0.32	PCI/G
SC-19017-S	8/3/1999	RADIUM-226	1.1	0.32	PCI/G
SC-19018-S	7/30/1999	RADIUM-226	0.97	0.3	PCI/G
SC-19019-S	7/30/1999	RADIUM-226	0.9	0.39	PCI/G
SC-19020-S	7/30/1999	RADIUM-226	0.93	0.31	PCI/G
SC-19021-C	8/3/1999	RADIUM-226	1.07	0.28	PCI/G
SC-19021-S	8/3/1999	RADIUM-226	0.93	0.32	PCI/G
C-19021-S-HS0	8/18/1999	RADIUM-226	20.9	0.85	PCI/G
C-19021-S-RS0	8/19/1999	RADIUM-226	0.82	0.31	PCI/G
SC-19022-S	8/3/1999	RADIUM-226	0.95	0.34	PCI/G
C-19022-S-HS0	8/18/1999	RADIUM-226	7.09	0.43	PCI/G
C-19022-S-RS0	8/19/1999	RADIUM-226	0.8	0.28	PCI/G
SC-19023-S	7/30/1999	RADIUM-226	0.91	0.39	PCI/G
C-19023-S-HS0	8/18/1999	RADIUM-226	5.37	0.47	PCI/G
C-19023-S-RS0	8/19/1999	RADIUM-226	0.325	0.65	PCI/G
SC-19024-S	7/30/1999	RADIUM-226	0.95	0.28	PCI/G
SC-19025-S	7/30/1999	RADIUM-226	0.94	0.32	PCI/G
SC-19106-S	8/5/1999	RADIUM-226	0.325	0.65	PCI/G
SC-19107-S	8/5/1999	RADIUM-226	2.45	0.46	PCI/G
SC-19107-S-RS	8/19/1999	RADIUM-226	0.79	0.31	PCI/G
SC-19108-S	8/5/1999	RADIUM-226	0.92	0.36	PCI/G
SC-19109-S	8/5/1999	RADIUM-226	1.07	0.28	PCI/G
SC-19110-S	8/5/1999	RADIUM-226	1.09	0.32	PCI/G
SC-19111-S	8/5/1999	RADIUM-226	1.1	0.28	PCI/G
SC-19112-S	8/5/1999	RADIUM-226	0.96	0.35	PCI/G
SC-19113-S	8/5/1999	RADIUM-226	0.93	0.32	PCI/G
SC-19114-S	8/5/1999	RADIUM-226	0.97	0.35	PCI/G
SC-19115-S	8/5/1999	RADIUM-226	0.89	0.31	PCI/G
SC-19116-S	8/5/1999	RADIUM-226	0.95	0.3	PCI/G
SC-19117-S	8/5/1999	RADIUM-226	1.09	0.28	PCI/G
SC-19118-S	8/5/1999	RADIUM-226	1.03	0.25	PCI/G
SC-19119-S	8/5/1999	RADIUM-226	1.06	0.32	PCI/G
SC-19120-S	8/5/1999	RADIUM-226	0.86	0.33	PCI/G
SC-19121-S	8/5/1999	RADIUM-226	0.87	0.28	PCI/G
SC-19122-S	8/5/1999	RADIUM-226	0.91	0.32	PCI/G
SC-19123-S	8/5/1999	RADIUM-226	1.09	0.34	PCI/G
SC-19124-S	8/5/1999	RADIUM-226	0.88	0.27	PCI/G
SC-19125-C	8/5/1999	RADIUM-226	1.03	0.34	PCI/G
SC-19125-S	8/5/1999	RADIUM-226	1.08	0.29	PCI/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19216-S	8/5/1999	RADIUM-226	0.9	0.35	PCI/G
SC-19220-S	8/5/1999	RADIUM-226	0.92	0.31	PCI/G
SC-19221-S	8/5/1999	RADIUM-226	0.82	0.34	PCI/G
SC-19225-S	8/5/1999	RADIUM-226	0.81	0.34	PCI/G
SC-19226-S	8/5/1999	RADIUM-226	0.78	0.33	PCI/G
SC-19227-S	8/5/1999	RADIUM-226	0.82	0.35	PCI/G
SC-19301-S	7/30/1999	RADIUM-226	1.32	0.3	PCI/G
SC-19302-S	7/30/1999	RADIUM-226	1.09	0.32	PCI/G
SC-19303-S	7/30/1999	RADIUM-226	0.92	0.3	PCI/G
SC-19304-S	4/6/2000	RADIUM-226	1.43	0.28	PCI/G
SC-19305-S	4/6/2000	RADIUM-226	4.77	0.35	PCI/G
SC-19306-S	7/30/1999	RADIUM-226	1.06	0.31	PCI/G
SC-19307-S	7/30/1999	RADIUM-226	0.86	0.32	PCI/G
SC-19308-S	7/30/1999	RADIUM-226	0.81	0.3	PCI/G
SC-19309-S	7/30/1999	RADIUM-226	1.57	0.33	PCI/G
SC-19309-S-RS2	4/6/2000	RADIUM-226	0.87	0.27	PCI/G
SC-19310-S	4/6/2000	RADIUM-226	1.66	0.28	PCI/G
SC-19311-S	7/30/1999	RADIUM-226	0.88	0.34	PCI/G
SC-19312-S	7/30/1999	RADIUM-226	0.79	0.3	PCI/G
SC-19313-S	7/30/1999	RADIUM-226	0.71	0.34	PCI/G
SC-19314-S	7/30/1999	RADIUM-226	0.8	0.31	PCI/G
SC-19315-S	4/6/2000	RADIUM-226	0.88	0.26	PCI/G
SC-19316-S	7/30/1999	RADIUM-226	0.81	0.32	PCI/G
SC-19317-S	5/2/2000	RADIUM-226	0.83	0.2	PCI/G
SC-19318-S	5/2/2000	RADIUM-226	0.85	0.22	PCI/G
SC-19319-S	5/2/2000	RADIUM-226	0.74	0.29	PCI/G
SC-19320-C	4/6/2000	RADIUM-226	0.81	0.23	PCI/G
SC-19320-S	4/6/2000	RADIUM-226	0.99	0.27	PCI/G
SC-19401-S	8/3/1999	RADIUM-226	1.01	0.24	PCI/G
SC-19402-S	8/3/1999	RADIUM-226	0.77	0.3	PCI/G
SC-19403-S	7/30/1999	RADIUM-226	0.77	0.31	PCI/G
SC-19404-S	7/30/1999	RADIUM-226	0.94	0.27	PCI/G
SC-19405-S	7/30/1999	RADIUM-226	0.83	0.32	PCI/G
SC-19406-S	8/3/1999	RADIUM-226	0.83	0.3	PCI/G
SC-19407-S	8/3/1999	RADIUM-226	0.87	0.31	PCI/G
SC-19408-S	7/30/1999	RADIUM-226	0.99	0.28	PCI/G
SC-19409-S	7/30/1999	RADIUM-226	1.02	0.29	PCI/G
SC-19410-S	7/30/1999	RADIUM-226	1.19	0.3	PCI/G
SC-19411-S	8/3/1999	RADIUM-226	0.87	0.31	PCI/G
SC-19412-S	8/3/1999	RADIUM-226	0.82	0.28	PCI/G
SC-19413-S	7/30/1999	RADIUM-226	0.96	0.3	PCI/G
SC-19414-S	7/30/1999	RADIUM-226	0.85	0.32	PCI/G
SC-19415-S	7/30/1999	RADIUM-226	0.9	0.25	PCI/G
SC-19416-S	8/3/1999	RADIUM-226	0.9	0.36	PCI/G
SC-19417-S	8/3/1999	RADIUM-226	0.79	0.3	PCI/G
SC-19418-S	8/3/1999	RADIUM-226	1.08	0.37	PCI/G
SC-19419-S	8/3/1999	RADIUM-226	0.87	0.28	PCI/G
SC-19420-S	7/30/1999	RADIUM-226	0.34	0.68	PCI/G
SC-19501-S	8/5/1999	RADIUM-226	1.04	0.26	PCI/G
SC-19502-S	8/5/1999	RADIUM-226	0.93	0.29	PCI/G
SC-19503-S	8/5/1999	RADIUM-226	0.93	0.26	PCI/G
SC-19504-S	8/5/1999	RADIUM-226	0.33	0.66	PCI/G
SC-19505-S	8/5/1999	RADIUM-226	0.87	0.34	PCI/G
SC-19506-S	8/5/1999	RADIUM-226	0.99	0.28	PCI/G
SC-19507-S	8/5/1999	RADIUM-226	1.01	0.28	PCI/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19508-S	8/5/1999	RADIUM-226	0.65	0.33	PCI/G
SC-19509-S	8/5/1999	RADIUM-226	0.99	0.27	PCI/G
SC-19510-S	8/5/1999	RADIUM-226	0.8	0.32	PCI/G
SC-19511-S	8/5/1999	RADIUM-226	1.04	0.3	PCI/G
SC-19512-S	8/5/1999	RADIUM-226	0.8	0.38	PCI/G
SC-19513-S	8/5/1999	RADIUM-226	1.04	0.29	PCI/G
SC-19514-S	8/5/1999	RADIUM-226	0.86	0.36	PCI/G
SC-19515-S	8/5/1999	RADIUM-226	0.92	0.29	PCI/G
SC-19516-S	8/5/1999	RADIUM-226	0.97	0.31	PCI/G
SC-19517-S	8/5/1999	RADIUM-226	0.82	0.3	PCI/G
SC-19518-S	8/5/1999	RADIUM-226	1.05	0.34	PCI/G
SC-19519-S	8/5/1999	RADIUM-226	0.95	0.3	PCI/G
SC-19520-S	8/5/1999	RADIUM-226	0.94	0.29	PCI/G
SC-19604-S	8/5/1999	RADIUM-226	0.9	0.31	PCI/G
SC-19605-S	8/5/1999	RADIUM-226	0.92	0.34	PCI/G
SC-19606-S	8/5/1999	RADIUM-226	0.8	0.34	PCI/G
SC-19610-S	8/26/1999	RADIUM-226	3.73	0.45	PCI/G
SC-19610-S-RS	9/8/1999	RADIUM-226	0.82	0.28	PCI/G
SC-19611-S	8/26/1999	RADIUM-226	1.06	0.33	PCI/G
SC-19612-S	8/5/1999	RADIUM-226	0.9	0.35	PCI/G
SC-19613-S	8/5/1999	RADIUM-226	0.83	0.27	PCI/G
SC-19618-S	8/26/1999	RADIUM-226	0.98	0.32	PCI/G
SC-19619-S	8/26/1999	RADIUM-226	0.85	0.28	PCI/G
SC-19620-S	8/26/1999	RADIUM-226	0.99	0.32	PCI/G
SC-19621-S	8/5/1999	RADIUM-226	0.31	0.62	PCI/G
SC-19702-C	5/22/2000	RADIUM-226	0.265	0.53	PCI/G
SC-19715-S	5/1/2000	RADIUM-226	0.74	0.3	PCI/G
SC-19801-C	5/12/2000	RADIUM-226	0.67	0.24	PCI/G
SC-19802-S	5/2/2000	RADIUM-226	0.64	0.25	PCI/G
SC-19803-S	5/2/2000	RADIUM-226	0.62	0.29	PCI/G
SC-19807-S	5/2/2000	RADIUM-226	0.94	0.26	PCI/G
SC-19808-S	5/2/2000	RADIUM-226	0.82	0.25	PCI/G
SC-19810-S	5/1/2000	RADIUM-226	0.75	0.27	PCI/G
SC-19811-S	5/1/2000	RADIUM-226	0.91	0.26	PCI/G
SC-19812-S	4/5/2000	RADIUM-226	0.93	0.26	PCI/G
SC-19812-S-HS01	4/5/2000	RADIUM-226	4.46	0.26	PCI/G
SC-19812-S-HS02	4/5/2000	RADIUM-226	1.23	0.26	PCI/G
SC-19812-S-RS01	4/10/2000	RADIUM-226	0.68	0.243	PCI/G
SC-19813-S	4/5/2000	RADIUM-226	0.96	0.25	PCI/G
SC-19816-S-HS01	4/5/2000	RADIUM-226	0.93	0.29	PCI/G
SC-19817-S	3/31/2000	RADIUM-226	0.82	0.26	PCI/G
SC-19818-S	4/5/2000	RADIUM-226	0.78	0.26	PCI/G
SC-19901-S	8/3/1999	RADIUM-226	0.79	0.35	PCI/G
SC-19902-S	8/3/1999	RADIUM-226	0.78	0.32	PCI/G
SC-19903-S	8/30/1999	RADIUM-226	0.74	0.35	PCI/G
SC-19904-S	7/30/1999	RADIUM-226	0.81	0.26	PCI/G
SC-19905-S	8/3/1999	RADIUM-226	0.88	0.31	PCI/G
SC-19906-S	8/3/1999	RADIUM-226	0.79	0.3	PCI/G
SC-19907-S	7/30/1999	RADIUM-226	0.77	0.35	PCI/G
SC-19908-S	7/30/1999	RADIUM-226	0.95	0.33	PCI/G
SC-19909-S	8/3/1999	RADIUM-226	1.04	0.31	PCI/G
SC-19910-S	8/3/1999	RADIUM-226	0.9	0.28	PCI/G
SC-19911-S	7/30/1999	RADIUM-226	0.82	0.32	PCI/G
SC-19912-S	3/31/2000	RADIUM-226	0.51	0.23	PCI/G
SC-19913-S	8/3/1999	RADIUM-226	0.93	0.29	PCI/G

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SC-19914-S	8/3/1999	RADIUM-226	0.34	0.68	PCI/G
SC-19915-S	3/31/2000	RADIUM-226	0.61	0.22	PCI/G
SC-19916-S	3/31/2000	RADIUM-226	0.72	0.27	PCI/G
SC-19917-S	8/3/1999	RADIUM-226	0.89	0.26	PCI/G
SC-19918-S	3/31/2000	RADIUM-226	0.55	0.28	PCI/G
SC-19919-S	3/31/2000	RADIUM-226	0.62	0.26	PCI/G
SC-19920-S	3/31/2000	RADIUM-226	0.59	0.25	PCI/G
SC-19920-S-HS01	4/5/2000	RADIUM-226	4.03	0.39	PCI/G
SC-19920-S-HS02	4/5/2000	RADIUM-226	2.9	0.39	PCI/G
SC-19920-S-RS01	4/14/2000	RADIUM-226	0.79	0.28	PCI/G
SC-19920-S-RS02	4/14/2000	RADIUM-226	0.99	0.28	PCI/G
SC-20001-S	8/3/1999	RADIUM-226	1.07	0.23	PCI/G
SC-20002-S	8/3/1999	RADIUM-226	0.81	0.29	PCI/G
SC-20003-S	8/3/1999	RADIUM-226	0.87	0.34	PCI/G
SC-20004-S	8/3/1999	RADIUM-226	0.85	0.31	PCI/G
SC-20005-S	8/3/1999	RADIUM-226	0.98	0.28	PCI/G
SC-20006-S	8/31/1999	RADIUM-226	0.79	0.35	PCI/G
SC-20007-S	8/3/1999	RADIUM-226	0.85	0.25	PCI/G
SC-20008-S	8/3/1999	RADIUM-226	0.9	0.31	PCI/G
SC-20009-S	8/3/1999	RADIUM-226	0.92	0.25	PCI/G
SC-20010-S	8/3/1999	RADIUM-226	1.03	0.28	PCI/G
SC-20011-S	8/26/1999	RADIUM-226	0.86	0.34	PCI/G
SC-20012-S	8/26/1999	RADIUM-226	1.56	0.36	PCI/G
SC-20013-S	8/3/1999	RADIUM-226	0.92	0.31	PCI/G
SC-20014-S	8/3/1999	RADIUM-226	0.78	0.33	PCI/G
SC-20015-S	8/3/1999	RADIUM-226	0.97	0.32	PCI/G
SC-20016-S	8/26/1999	RADIUM-226	0.87	0.32	PCI/G
SC-20017-S	8/26/1999	RADIUM-226	1.02	0.33	PCI/G
SC-20018-S	8/3/1999	RADIUM-226	1.05	0.3	PCI/G
SC-20019-S	8/3/1999	RADIUM-226	0.91	0.34	PCI/G
SC-20020-S	8/3/1999	RADIUM-226	0.98	0.24	PCI/G
SC-20101-C	6/30/1999	RADIUM-226	0.79	0.29	PCI/G
SC-20102-S	6/30/1999	RADIUM-226	0.77	0.3	PCI/G
SC-20103-S	6/30/1999	RADIUM-226	0.7	0.32	PCI/G
SC-20105-S	6/30/1999	RADIUM-226	0.65	0 33	PCI/G
SC-20106-S	6/30/1999	RADIUM-226	0.73	0.29	PCI/G
SC-20107-S	6/30/1999	RADIUM-226	0.62	0.32	PCI/G
SC-20108-C	6/30/1999	RADIUM-226	0.79	0.31	PCI/G
SC-20109-S	6/30/1999	RADIUM-226	0.73	0.29	PCI/G
SC-20110-S	6/30/1999	RADIUM-226	0.62	0.34	PCI/G
SC-20111-S	6/30/1999	RADIUM-226	0.69	0.26	PCI/G
SC-20113-S	6/30/1999	RADIUM-226	0.73	0.32	PCI/G
SC-20114-S	6/30/1999	RADIUM-226	0.84	0.29	PCI/G
SC-20115-S	6/30/1999	RADIUM-226	0.285	0.57	PCI/G
SC-20116-S	6/30/1999	RADIUM-226	0.87	0.3	PCI/G
SC-20117-C	6/30/1999	RADIUM-226	0.81	0.31	PCI/G
SC-20119-S	7/19/1999	RADIUM-226	0.71	0.36	PCI/G
SC-20120-S	7/19/1999	RADIUM-226	0.82	0.27	PCI/G
SC-20121-S	6/30/1999	RADIUM-226	0.7	0.29	PCI/G
SC-20124-C	7/19/1999	RADIUM-226	0.325	0.65	PCI/G
SC-20125-C	6/30/1999	RADIUM-226	0.68	0.34	PCI/G
SC-20201-S	6/30/1999	RADIUM-226	0.78	0.28	PCI/G
SC-20202-S	6/30/1999	RADIUM-226	0.68	0.3	PCI/G
SC-20204-S	6/30/1999	RADIUM-226	0.85	0.3	PCI/G
SC-20205-S	6/30/1999	RADIUM-226	0.65	0.34	PCI/G

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SC-20206-S	6/30/1999	RADIUM-226	0.71	0.29	PCI/G
SC-20207-S	6/30/1999	RADIUM-226	0.91	0.34	PCI/G
SC-20208-S	6/30/1999	RADIUM-226	0.61	0.32	PCI/G
SC-20209-S	6/30/1999	RADIUM-226	0.69	0.32	PCI/G
SC-20210-S	6/30/1999	RADIUM-226	0.83	0.32	PCI/G
SC-20211-S	6/30/1999	RADIUM-226	0.76	0.33	PCI/G
SC-20212-S	6/30/1999	RADIUM-226	0.74	0.31	PCI/G
SC-20213-S	6/30/1999	RADIUM-226	0.85	0.36	PCI/G
SC-20214-S	6/30/1999	RADIUM-226	0.73	0.32	PCI/G
SC-20215-S	6/30/1999	RADIUM-226	0.81	0.37	PCI/G
SC-20216-S	6/30/1999	RADIUM-226	0.81	0.29	PCI/G
SC-20218-S	7/19/1999	RADIUM-226	0.77	0.3	PCI/G
SC-20219-S	7/19/1999	RADIUM-226	0.77	0.3	PCI/G
SC-20220-C	7/19/1999	RADIUM-226	0.93	0.25	PCI/G
SC-20301-S	8/26/1999	RADIUM-226	0.315	0.63	PCI/G
SC-20302-S	8/26/1999	RADIUM-226	0.96	0.28	PCI/G
SC-20303-S	8/26/1999	RADIUM-226	0.84	0.34	PCI/G
SC-20304-S	8/5/1999	RADIUM-226	0.8	0.27	PCI/G
SC-20305-S	8/31/1999	RADIUM-226	0.65	0.29	PCI/G
SC-20306-S	8/26/1999	RADIUM-226	1.03	0.29	PCI/G
SC-20307-S	8/26/1999	RADIUM-226	1.02	0.37	PCI/G
SC-20308-S	8/31/1999	RADIUM-226	0.28	0.56	PCI/G
SC-20309-S	6/30/1999	RADIUM-226	0.33	0.66	PCI/G
SC-20310-S	6/30/1999	RADIUM-226	0.74	0.26	PCI/G
SC-20311-S	8/31/1999	RADIUM-226	0.58	0.31	PCI/G
SC-20312-S	8/26/1999	RADIUM-226	0.96	0.25	PCI/G
SC-20313-S	6/30/1999	RADIUM-226	0.65	0.27	PCI/G
SC-20314-S	6/30/1999	RADIUM-226	0.79	0.27	PCI/G
SC-20315-S	6/30/1999	RADIUM-226	1.07	0.28	PCI/G
SC-20316-S	8/31/1999	RADIUM-226	0.72	0.28	PCI/G
SC-20317-S	7/19/1999	RADIUM-226	0.69	0.34	PCI/G
SC-20401-S	8/31/1999	RADIUM-226	0.81	0.26	PCI/G
SC-20402-S	8/26/1999	RADIUM-226	1.04	0.34	PCI/G
SC-20403-S	8/26/1999	RADIUM-226	0.98	0.28	PCI/G
SC-20404-S	8/3/1999	RADIUM-226	1.01	0.29	PCI/G
SC-20405-S	8/3/1999	RADIUM-226	0.9	0.32	PCI/G
SC-20406-S	8/31/1999	RADIUM-226	0.72	0.3	PCI/G
SC-20407-S	8/31/1999	RADIUM-226	0.7	0.29	PCI/G
SC-20408-S	8/26/1999	RADIUM-226	0.89	0.4	PCI/G
SC-20409-S	8/26/1999	RADIUM-226	1.02	0.31	PCI/G
SC-20410-S	8/26/1999	RADIUM-226	1.01	0.32	PCI/G
SC-20412-S	8/31/1999	RADIUM-226	0.305	0.61	PCI/G
SC-20413-S	8/26/1999	RADIUM-226	0.9	0.3	PCI/G
SC-20414-S	8/26/1999	RADIUM-226	0.88	0.25	PCI/G
SC-20414-S-RS	3/24/2000	RADIUM-226	0.58	0.25	PCI/G
SC-20415-S	8/26/1999	RADIUM-226	7.32	0.5	PCI/G
SC-20415-S-RS	3/24/2000	RADIUM-226	0.86	0.23	PCI/G
SC-20417-S	8/31/1999	RADIUM-226	0.65	0.29	PCI/G
SC-20418-S	8/31/1999	RADIUM-226	0.295	0.59	PCI/G
SC-20419-S	3/17/2000	RADIUM-226	0.56	0.23	PCI/G
SC-20420-S	3/17/2000	RADIUM-226	0.65	0.22	PCI/G
SC-20501-U	4/26/2000	RADIUM-226	0.68	0.21	PCI/G
SC-20503-S	8/26/1999	RADIUM-226	1.14	0.38	PCI/G
SC-20503-S-RS	3/24/2000	RADIUM-226	0.76	0.29	PCI/G
SC-20504-S	3/31/2000	RADIUM-226	0.55	0.31	PCI/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20505-S	3/31/2000	RADIUM-226	0.95	0.25	PCI/G
SC-20506-S	3/31/2000	RADIUM-226	2.57	0.36	PCI/G
SC-20510-S	3/17/2000	RADIUM-226	0.65	0.29	PCI/G
SC-20511-S	3/17/2000	RADIUM-226	0.85	0.26	PCI/G
SC-20512-S	3/17/2000	RADIUM-226	0.8	0.24	PCI/G
SC-20515-S	3/17/2000	RADIUM-226	0.88	0.26	PCI/G
SC-20516-S	3/17/2000	RADIUM-226	0.26	0.52	PCI/G
SC-20517-S	3/17/2000	RADIUM-226	0.86	0.24	PCI/G
SC-20518-S	3/17/2000	RADIUM-226	0.7	0.14	PCI/G
SC-20519-S	3/17/2000	RADIUM-226	1.43	0.26	PCI/G
SC-20702-S	3/29/2000	RADIUM-226	0.84	0.29	PCI/G
SC-20705-S	3/29/2000	RADIUM-226	0.83	0.28	PCI/G
SC-20706-S	3/29/2000	RADIUM-226	0.75	0.25	PCI/G
SC-20815-S-HS01	4/5/2000	RADIUM-226	3.69	0.4	PCI/G
SC-20815-S-HS02	4/5/2000	RADIUM-226	4.98	0.39	PCI/G
SC-20815-S-RS01	4/10/2000	RADIUM-226	1.05	0.24	PCI/G
SC-20815-S-RS02	4/10/2000	RADIUM-226	0.73	0.29	PCI/G
SC-20905-S	4/19/2000	RADIUM-226	0.81	0.26	PCI/G
SC-20906-S	4/19/2000	RADIUM-226	0.73	0.25	PCI/G
SC-20908-S	4/26/2000	RADIUM-226	0 66	0.29	PCI/G
SC-20909-S	4/19/2000	RADIUM-226	0.81	0.24	PCI/G
SC-20910-S	4/19/2000	RADIUM-226	0.61	0.23	PCI/G
SC-20913-S	4/19/2000	RADIUM-226	0 78	0.24	PCI/G
SC-20914-S	4/26/2000	RADIUM-226	0.84	0.27	PCI/G
SC-20917-S	4/26/2000	RADIUM-226	0.71	0.27	PCI/G
SC-20918-C	4/26/2000	RADIUM-226	1	0.28	PCI/G
SC-20918-S	4/26/2000	RADIUM-226	0.7	0.28	PCI/G
SC-21001-S	4/6/1999	RADIUM-226	1.24	0.4	PCI/G
SC-21002-S	4/6/1999	RADIUM-226	1.13	0.3	PCI/G
SC-21003-S	4/6/1999	RADIUM-226	1.26	0.27	PCI/G
SC-21004-S	4/6/1999	RADIUM-226	1.1	0.32	PCI/G
SC-21004-S-RS	3/13/2000	RADIUM-226	0.83	0.24	PCI/G
SC-21005-S-RS	3/13/2000	RADIUM-226	0.85	0.29	PCI/G
SC-21006-S	4/6/1999	RADIUM-226	1.89	0.41	PCI/G
SC-21007-S	4/6/1999	RADIUM-226	1.18	0.31	PCI/G
SC-21008-S	4/6/1999	RADIUM-226	1.18	0.41	PCI/G
SC-21009-S	4/6/1999	RADIUM-226	1.07	0.29	PCI/G
SC-21010-S-RS	3/13/2000	RADIUM-226	0.58	0.26	PCI/G
SC-21011-S	4/6/1999	RADIUM-226	0.99	0.26	PCI/G
SC-21012-S	4/6/1999	RADIUM-226	1.11	0.27	PCI/G
SC-21013-S	4/2/1999	RADIUM-226	1.22	0.33	PCI/G
SC-21014-S	4/2/1999	RADIUM-226	1.52	0.38	PCI/G
SC-21015-S	4/2/1999	RADIUM-226	1.11	0.35	PCI/G
SC-21016-S	4/2/1999	RADIUM-226	1.34	0.28	PCI/G
SC-21017-S	4/2/1999	RADIUM-226	1.14	0.37	PCI/G
SC-21018-S	4/2/1999	RADIUM-226	1.08	0.32	PCI/G
SC-21019-S	4/2/1999	RADIUM-226	0.82	0.32	PCI/G
SC-21020-S	4/2/1999	RADIUM-226	1.12	0.27	PCI/G
SC-21101-S	3/29/2000	RADIUM-226	0.225	0.45	PCI/G
SC-21102-S	3/29/2000	RADIUM-226	0.63	0.23	PCI/G
SC-21103-S	3/29/2000	RADIUM-226	0.66	0.23	PCI/G
SC-21104-S	4/6/1999	RADIUM-226	1.27	0.33	PCI/G
SC-21105-S	4/6/1999	RADIUM-226	3.67	0.4	PCI/G
SC-21105-S-RS	6/2/1999	RADIUM-226	0.285	0.57	PCI/G
SC-21106-S	3/29/2000	RADIUM-226	0.63	0.3	PCI/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21107-S	4/2/1999	RADIUM-226	1.17	0.41	PCI/G
SC-21107-S-RS	4/12/2000	RADIUM-226	1.14	0.25	PCI/G
SC-21108-S	6/15/1999	RADIUM-226	0.78	0.31	PCI/G
SC-21109-S	4/6/1999	RADIUM-226	1.49	0.37	PCI/G
SC-21110-S	4/6/1999	RADIUM-226	1.24	0.36	PCI/G
SC-21111-S	4/2/1999	RADIUM-226	0.97	0.33	PCI/G
SC-21112-S	4/2/1999	RADIUM-226	1.35	0.34	PCI/G
SC-21113-S	4/2/1999	RADIUM-226	1.15	0.31	PCI/G
SC-21114-S	4/2/1999	RADIUM-226	1.3	0.32	PCI/G
SC-21115-S	4/2/1999	RADIUM-226	1.27	0.32	PCI/G
SC-21116-S	4/1/1999	RADIUM-226	1.13	0.31	PCI/G
SC-21117-S	4/2/1999	RADIUM-226	0.87	0.33	PCI/G
SC-21118-S	4/2/1999	RADIUM-226	1.29	0.28	PCI/G
SC-21119-S	4/2/1999	RADIUM-226	0.325	0.65	PCI/G
SC-21120-S	4/2/1999	RADIUM-226	1.79	0.33	PCI/G
SC-21201-S	3/17/2000	RADIUM-226	0.6	0.27	PCI/G
SC-21201-U	4/14/2000	RADIUM-226	0.68	0.24	PCI/G
SC-21202-S	3/17/2000	RADIUM-226	1.05	0.23	PCI/G
SC-21203-S	3/17/2000	RADIUM-226	0.62	0.25	PCI/G
SC-21204-S	3/17/2000	RADIUM-226	1.69	0.28	PCI/G
SC-21205-S	3/29/2000	RADIUM-226	0.87	0.25	PCI/G
SC-21206-S	3/17/2000	RADIUM-226	0.62	0.28	PCI/G
SC-21207-S	3/17/2000	RADIUM-226	1.13	0.26	PCI/G
SC-21208-S	3/17/2000	RADIUM-226	0.97	0.24	PCI/G
SC-21209-S	3/17/2000	RADIUM-226	1.03	0.24	PCI/G
SC-21210-S	3/29/2000	RADIUM-226	0.87	0.25	PCI/G
SC-21211-S	3/17/2000	RADIUM-226	0.71	0.28	PCI/G
SC-21212-S	3/17/2000	RADIUM-226	0.98	0.26	PCI/G
SC-21213-S	3/17/2000	RADIUM-226	0.58	0.29	PCI/G
SC-21214-S	3/24/2000	RADIUM-226	0.6	0.24	PCI/G
SC-21215-S	3/24/2000	RADIUM-226	0.78	0.24	PCI/G
SC-21216-S	3/17/2000	RADIUM-226	0.66	0.26	PCI/G
SC-21217-S	3/24/2000	RADIUM-226	0.79	0.26	PCI/G
SC-21218-S	3/24/2000	RADIUM-226	0.88	0.25	PCI/G
SC-21219-S	3/24/2000	RADIUM-226	0.62	0.22	PCI/G
SC-21220-S	4/1/1999	RADIUM-226	1.07	0.29	PCI/G
SC-21305-S	3/17/2000	RADIUM-226	0.93	0.24	PCI/G
SC-21306-S	3/17/2000	RADIUM-226	1	0.24	PCI/G
SC-21313-S	3/17/2000	RADIUM-226	0.69	0.25	PCI/G
SC-21319-S	3/17/2000	RADIUM-226	0.9	0.22	PCI/G
SC-21501-S	3/24/2000	RADIUM-226	0.85	0.22	PCI/G
SC-21502-S	4/1/1999	RADIUM-226	1.07	0.31	PCI/G
SC-21503-S	4/1/1999	RADIUM-226	1.22	0.3	PCI/G
SC-21504-S	4/1/1999	RADIUM-226	1.14	0.38	PCI/G
SC-21505-S	4/1/1999	RADIUM-226	0.79	0.29	PCI/G
SC-21506-S	4/1/1999	RADIUM-226	1.11	0.33	PCI/G
SC-21507-S	4/1/1999	RADIUM-226	1.16	0.4	PCI/G
SC-21508-S	4/1/1999	RADIUM-226	1.18	0.29	PCI/G
SC-21509-S	4/1/1999	RADIUM-226	1.07	0.35	PCI/G
SC-21510-S	4/1/1999	RADIUM-226	1.29	0.31	PCI/G
SC-21511-S	4/1/1999	RADIUM-226	1.18	0.37	PCI/G
SC-21512-S	4/1/1999	RADIUM-226	1.28	0.31	PCI/G
SC-21513-S	4/1/1999	RADIUM-226	1.04	0.21	PCI/G
SC-21514-S	4/1/1999	RADIUM-226	1.02	0.33	PCI/G
SC-21515-S	4/1/1999	RADIUM-226	1.54	0.31	PCI/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21516-S	4/1/1999	RADIUM-226	1.02	0.35	PCI/G
SC-21518-S	4/1/1999	RADIUM-226	1.18	0.4	PCI/G
SC-21519-S	4/1/1999	RADIUM-226	1.16	0.32	PCI/G
SC-21520-S	4/1/1999	RADIUM-226	1.12	0.37	PCI/G
SC-21601-S	4/1/1999	RADIUM-226	0.98	0.31	PCI/G
SC-21602-S	4/2/1999	RADIUM-226	1.64	0.38	PCI/G
SC-21603-S	4/2/1999	RADIUM-226	1.76	0.37	PCI/G
SC-21604-S	4/2/1999	RADIUM-226	1.31	0.32	PCI/G
SC-21605-S	4/2/1999	RADIUM-226	1.35	0.31	PCI/G
SC-21606-S	4/1/1999	RADIUM-226	1.13	0.31	PCI/G
SC-21607-S	4/2/1999	RADIUM-226	1.29	0.35	PCI/G
SC-21608-S	4/2/1999	RADIUM-226	1.31	0.32	PCI/G
SC-21609-S	4/2/1999	RADIUM-226	1.46	0.31	PCI/G
SC-21610-S	4/2/1999	RADIUM-226	1.34	0.4	PCI/G
SC-21611-S	4/1/1999	RADIUM-226	1.14	0.32	PCI/G
SC-21612-S	4/1/1999	RADIUM-226	1.28	0.33	PCI/G
SC-21613-S	4/2/1999	RADIUM-226	1.38	0.33	PCI/G
SC-21614-S	4/2/1999	RADIUM-226	1.33	0.32	PCI/G
SC-21615-S	4/2/1999	RADIUM-226	1.14	0.43	PCI/G
SC-21616-S	4/1/1999	RADIUM-226	1.22	0.33	PCI/G
SC-21617-S	4/1/1999	RADIUM-226	1.28	0.34	PCI/G
SC-21618-S	4/2/1999	RADIUM-226	1.26	0.32	PCI/G
SC-21619-S	4/2/1999	RADIUM-226	1.35	0.34	PCI/G
SC-21620-S	4/2/1999	RADIUM-226	1.11	0.31	PCI/G
SC-21701-S	4/2/1999	RADIUM-226	1.46	0.33	PCI/G
SC-21702-S	4/2/1999	RADIUM-226	1.49	0.33	PCI/G
SC-21703-S	4/2/1999	RADIUM-226	1.21	0.34	PCI/G
SC-21704-S	4/2/1999	RADIUM-226	1.11	0.27	PCI/G
SC-21705-S	4/2/1999	RADIUM-226	1.05	0.34	PCI/G
SC-21706-S	4/2/1999	RADIUM-226	1.24	0.31	PCI/G
SC-21707-S	4/2/1999	RADIUM-226	1.22	0.34	PCI/G
SC-21708-S	4/2/1999	RADIUM-226	1.28	0.31	PCI/G
SC-21709-S	4/2/1999	RADIUM-226	1.12	0.33	PCI/G
SC-21710-S	4/2/1999	RADIUM-226	1.06	0.3	PCI/G
SC-21711-S	4/2/1999	RADIUM-226	1.58	0.41	PCI/G
SC-21712-S	4/2/1999	RADIUM-226	1.14	0.3	PCI/G
SC-21713-S	4/2/1999	RADIUM-226	1.15	0.35	PCI/G
SC-21714-S	4/2/1999	RADIUM-226	1.12	0.31	PCI/G
SC-21716-S	4/2/1999	RADIUM-226	1.4	0.32	PCI/G
SC-21717-S	4/2/1999	RADIUM-226	1.47	0.34	PCI/G
SC-21801-S	4/1/1999	RADIUM-226	1.21	0.33	PCI/G
SC-21802-S	4/1/1999	RADIUM-226	1.26	0.33	PCI/G
SC-21803-S	4/2/1999	RADIUM-226	1.26	0.34	PCI/G
SC-21804-S	4/2/1999	RADIUM-226	1.29	0.28	PCI/G
SC-21805-S	4/2/1999	RADIUM-226	1.01	0.32	PCI/G
SC-21810-S	4/1/1999	RADIUM-226	1.14	0.32	PCI/G
SC-21811-S	4/1/1999	RADIUM-226	1.11	0.3	PCI/G
SC-21812-S	4/2/1999	RADIUM-226	1.2	0.29	PCI/G
SC-21817-S	4/1/1999	RADIUM-226	0.84	0.38	PCI/G
SC-21902-S	4/1/1999	RADIUM-226	1.07	0 34	PCI/G
SC-21903-S	4/1/1999	RADIUM-226	1.05	0.32	PCI/G
SC-21904-S	4/1/1999	RADIUM-226	1.02	0.3	PCI/G
SC-21905-S	4/1/1999	RADIUM-226	1.07	0.37	PCI/G
SC-21909-S	4/1/1999	RADIUM-226	1.27	0.34	PCI/G
SC-21910-S	4/1/1999	RADIUM-226	1.25	0.33	PCI/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-22002-S	3/16/1999	RADIUM-226	1.12	0.26	PCI/G
SC-22004-S	3/2/1999	RADIUM-226	1.31	0.31	PCI/G
SC-22005-S	3/16/1999	RADIUM-226	1.13	0.31	PCI/G
SC-22006-S	3/16/1999	RADIUM-226	1.2	0.33	PCI/G
SC-22007-S	3/16/1999	RADIUM-226	1.05	0.29	PCI/G
SC-22008-S	3/16/1999	RADIUM-226	1.18	0.26	PCI/G
SC-22009-S	3/16/1999	RADIUM-226	1.25	0.31	PCI/G
SC-22010-S	3/16/1999	RADIUM-226	0.9	0.3	PCI/G
SC-22011-S	3/16/1999	RADIUM-226	1.42	0.32	PCI/G
SC-22012-S	3/2/1999	RADIUM-226	0.83	0.3	PCI/G
SC-22013-S	3/2/1999	RADIUM-226	1.27	0.35	PCI/G
SC-22014-S	3/16/1999	RADIUM-226	1.22	0.38	PCI/G
SC-22015-S	3/16/1999	RADIUM-226	1.25	0.38	PCI/G
SC-22016-S	3/16/1999	RADIUM-226	1.35	0.36	PCI/G
SC-22017-S	3/16/1999	RADIUM-226	1.3	0.28	PCI/G
SC-22018-S	3/16/1999	RADIUM-226	1.39	0.32	PCI/G
SC-22019-C	3/16/1999	RADIUM-226	1.31	0.32	PCI/G
SC-22022-S	3/16/1999	RADIUM-226	0.66	0.29	PCI/G
SC-22023-S	3/16/1999	RADIUM-226	1.48	0.31	PCI/G
SC-22024-S	3/16/1999	RADIUM-226	1.26	0.33	PCI/G
SC-22025-S	3/16/1999	RADIUM-226	1.28	0.33	PCI/G
SC-22026-C	3/16/1999	RADIUM-226	1.25	0.33	PCI/G
SC-22029-C	3/16/1999	RADIUM-226	0.225	0.45	PCI/G
SC-22030-S	3/16/1999	RADIUM-226	0.18	0.36	PCI/G
SC-22031-C	3/16/1999	RADIUM-226	1.46	0.28	PCI/G
SC-18905-S	4/17/2000	RADIUM-228	1.14	0.47	PCI/G
SC-18906-S	7/30/1999	RADIUM-228	1.08	0.4	PCI/G
SC-18910-C	4/17/2000	RADIUM-228	0.99	0.33	PCI/G
SC-18910-S	4/17/2000	RADIUM-228	1.06	0.37	PCI/G
SC-18911-S	7/30/1999	RADIUM-228	1.27	0.43	PCI/G
SC-18912-S	7/30/1999	RADIUM-228	0.475	0.95	PCI/G
SC-18914-S	9/30/1999	RADIUM-228	0.52	1.04	PCI/G
SC-18914-S-RS	10/5/1999	RADIUM-228	0.46	0.92	PCI/G
SC-18915-S	4/17/2000	RADIUM-228	1.11	0.36	PCI/G
SC-18916-S	7/30/1999	RADIUM-228	1.2	0.43	PCI/G
SC-18917-S	7/30/1999	RADIUM-228	1.01	0.51	PCI/G
SC-18918-S	7/30/1999	RADIUM-228	1.02	0.38	PCI/G
SC-18919-S	9/30/1999	RADIUM-228	1.48	0.56	PCI/G
SC-18919-S-RS	10/5/1999	RADIUM-228	0.33	0.66	PCI/G
SC-18920-C	6/5/2000	RADIUM-228	0.86	0.38	PCI/G
SC-18920-S	6/5/2000	RADIUM-228	0.39	0.78	PCI/G
SC-18921-S	7/30/1999	RADIUM-228	0.505	1.01	PCI/G
SC-18922-S	7/30/1999	RADIUM-228	0.76	0.42	PCI/G
SC-18923-S	7/30/1999	RADIUM-228	0.49	0.98	PCI/G
SC-18924-C	4/6/2000	RADIUM-228	1.35	0.55	PCI/G
SC-18924-C-RS3	5/1/2000	RADIUM-228	0.3	0.6	PCI/G
SC-18924-S	9/30/1999	RADIUM-228	0.485	0.97	PCI/G
SC-18924-S-RS	10/5/1999	RADIUM-228	0.475	0.95	PCI/G
SC-18925-C	6/5/2000	RADIUM-228	0.91	0.34	PCI/G
SC-18925-S	5/12/2000	RADIUM-228	0.345	0.69	PCI/G
SC-19006-S	8/3/1999	RADIUM-228	0.465	0.93	PCI/G
SC-19007-S	8/3/1999	RADIUM-228	1.12	0.56	PCI/G
SC-19008-S	7/30/1999	RADIUM-228	1.14	0.46	PCI/G
SC-19009-S	7/30/1999	RADIUM-228	0.485	0.97	PCI/G
SC-19010-S	7/30/1999	RADIUM-228	1.15	0.42	PCI/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19011-S	8/3/1999	RADIUM-228	0.99	0.44	PCI/G
SC-19012-S	8/3/1999	RADIUM-228	0.465	0.93	PCI/G
SC-19013-S	7/30/1999	RADIUM-228	0.525	1.05	PCI/G
SC-19014-S	7/30/1999	RADIUM-228	0.98	0.43	PCI/G
SC-19015-S	7/30/1999	RADIUM-228	0.515	1.03	PCI/G
SC-19016-S	8/3/1999	RADIUM-228	7.32	0.93	PCI/G
SC-19016-S-RS	8/19/1999	RADIUM-228	1.09	0.39	PCI/G
SC-19017-S	8/3/1999	RADIUM-228	0.495	0.99	PCI/G
SC-19018-S	7/30/1999	RADIUM-228	1.36	0.45	PCI/G
SC-19019-S	7/30/1999	RADIUM-228	1.22	0.51	PCI/G
SC-19020-S	7/30/1999	RADIUM-228	1.28	0.44	PCI/G
SC-19021-C	8/3/1999	RADIUM-228	1.25	0.39	PCI/G
SC-19021-S	8/3/1999	RADIUM-228	0.45	0.9	PCI/G
SC-19021-S-HS01	8/18/1999	RADIUM-228	8.62	1.23	PCI/G
SC-19021-S-RS01	8/19/1999	RADIUM-228	0.49	0.98	PCI/G
SC-19022-S	8/3/1999	RADIUM-228	1.47	0.46	PCI/G
SC-19022-S-HS01	8/18/1999	RADIUM-228	2.65	0.69	PCI/G
SC-19022-S-RS01	8/19/1999	RADIUM-228	0.8	0.43	PCI/G
SC-19023-S	7/30/1999	RADIUM-228	0.93	0.52	PCI/G
SC-19023-S-HS01	8/18/1999	RADIUM-228	0.72	1.44	PCI/G
SC-19023-S-RS01	8/19/1999	RADIUM-228	1.03	0.5	PCI/G
SC-19024-S	7/30/1999	RADIUM-228	0.97	0.36	PCI/G
SC-19025-S	7/30/1999	RADIUM-228	1.03	0.38	PCI/G
SC-19106-S	8/5/1999	RADIUM-228	0.435	0.87	PCI/G
SC-19107-S	8/5/1999	RADIUM-228	4.61	0.59	PCI/G
SC-19107-S-RS	8/19/1999	RADIUM-228	0.98	0.43	PCI/G
SC-19108-S	8/5/1999	RADIUM-228	0.435	0.87	PCI/G
SC-19109-S	8/5/1999	RADIUM-228	1.35	0.42	PCI/G
SC-19110-S	8/5/1999	RADIUM-228	0.46	0.92	PCI/G
SC-19111-S	8/5/1999	RADIUM-228	0.88	0.46	PCI/G
SC-19112-S	8/5/1999	RADIUM-228	0.53	1.06	PCI/G
SC-19113-S	8/5/1999	RADIUM-228	1.5	0.42	PCI/G
SC-19114-S	8/5/1999	RADIUM-228	1.2	0.52	PCI/G
SC-19115-S	8/5/1999	RADIUM-228	1 16	0.42	PCI/G
SC-19116-S	8/5/1999	RADIUM-228	0.87	0.48	PCI/G
SC-19117-S	8/5/1999	RADIUM-228	1.26	0.43	PCI/G
SC-19118-S	8/5/1999	RADIUM-228	1 13	0.35	PCI/G
SC-19119-S	8/5/1999	RADIUM-228	1.18	0.41	PCI/G
SC-19120-S	8/5/1999	RADIUM-228	1.18	0.45	PCI/G
SC-19121-S	8/5/1999	RADIUM-228	1.09	0.51	PCI/G
SC-19122-S	8/5/1999	RADIUM-228	1.17	0.38	PCI/G
SC-19123-S	8/5/1999	RADIUM-228	0.485	0.97	PCI/G
SC-19124-S	8/5/1999	RADIUM-228	0.92	0.41	PCI/G
SC-19125-C	8/5/1999	RADIUM-228	0.95	0.59	PCI/G
SC-19125-S	8/5/1999	RADIUM-228	1.16	0.41	PCI/G
SC-19216-S	8/5/1999	RADIUM-228	1.1	0.4	PCI/G
SC-19220-S	8/5/1999	RADIUM-228	0.48	0.96	PCI/G
SC-19221-S	8/5/1999	RADIUM-228	1.2	0.36	PCI/G
SC-19225-S	8/5/1999	RADIUM-228	1.15	0.48	PCI/G
SC-19226-S	8/5/1999	RADIUM-228	1.1	0.44	PCI/G
SC-19227-S	8/5/1999	RADIUM-228	0.43	0.86	PCI/G
SC-19301-S	7/30/1999	RADIUM-228	1.64	0.46	PCI/G
SC-19302-S	7/30/1999	RADIUM-228	0.405	0.81	PCI/G
SC-19303-S	7/30/1999	RADIUM-228	0.96	0.38	PCI/G
SC-19304-S	4/6/2000	RADIUM-228	1.1	0.37	PCI/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19305-S	4/6/2000	RADIUM-228	1.45	0.53	PCI/G
SC-19306-S	7/30/1999	RADIUM-228	0.455	0.91	PCI/G
SC-19307-S	7/30/1999	RADIUM-228	1.12	0.43	PCI/G
SC-19308-S	7/30/1999	RADIUM-228	0.46	0.92	PCI/G
SC-19309-S	7/30/1999	RADIUM-228	1.16	0.56	PCI/G
SC-19309-S-RS2	4/6/2000	RADIUM-228	1.18	0.33	PCI/G
SC-19310-S	4/6/2000	RADIUM-228	0.39	0.78	PCI/G
SC-19311-S	7/30/1999	RADIUM-228	0.42	0.84	PCI/G
SC-19312-S	7/30/1999	RADIUM-228	1.07	0.41	PCI/G
SC-19313-S	7/30/1999	RADIUM-228	0.445	0.89	PCI/G
SC-19314-S	7/30/1999	RADIUM-228	1.18	0.39	PCI/G
SC-19315-S	4/6/2000	RADIUM-228	0.97	0.44	PCI/G
SC-19316-S	7/30/1999	RADIUM-228	0.455	0.91	PCI/G
SC-19317-S	5/2/2000	RADIUM-228	1.18	0.36	PCI/G
SC-19318-S	5/2/2000	RADIUM-228	1.18	0.37	PCI/G
SC-19319-S	5/2/2000	RADIUM-228	1.17	0.45	PCI/G
SC-19320-C	4/6/2000	RADIUM-228	1.12	0.41	PCI/G
SC-19320-S	4/6/2000	RADIUM-228	0.93	0.4	PCI/G
SC-19401-S	8/3/1999	RADIUM-228	1.15	0.43	PCI/G
SC-19402-S	8/3/1999	RADIUM-228	1.27	0.41	PCI/G
SC-19403-S	7/30/1999	RADIUM-228	0.375	0.75	PCI/G
SC-19404-S	7/30/1999	RADIUM-228	0.97	0.48	PCI/G
SC-19405-S	7/30/1999	RADIUM-228	1.11	0.54	PCI/G
SC-19406-S	8/3/1999	RADIUM-228	0.86	0.77	PCI/G
SC-19407-S	8/3/1999	RADIUM-228	1.21	0.45	PCI/G
SC-19408-S	7/30/1999	RADIUM-228	0.89	0.41	PCI/G
SC-19409-S	7/30/1999	RADIUM-228	0.5	1	PCI/G
SC-19410-S	7/30/1999	RADIUM-228	1.18	0.38	PCI/G
SC-19411-S	8/3/1999	RADIUM-228	0.485	0.97	PCI/G
SC-19412-S	8/3/1999	RADIUM-228	1.01	0.47	PCI/G
SC-19413-S	7/30/1999	RADIUM-228	0.41	0.82	PCI/G
SC-19414-S	7/30/1999	RADIUM-228	1.1	0.39	PCI/G
SC-19415-S	7/30/1999	RADIUM-228	0.87	0.48	PCI/G
SC-19416-S	8/3/1999	RADIUM-228	0.425	0.85	PCI/G
SC-19417-S	8/3/1999	RADIUM-228	1.11	0.36	PCI/G
SC-19418-S	8/3/1999	RADIUM-228	0.92	0.54	PCI/G
SC-19419-S	8/3/1999	RADIUM-228	1.13	0.41	PCI/G
SC-19420-S	7/30/1999	RADIUM-228	0.47	0.94	PCI/G
SC-19501-S	8/5/1999	RADIUM-228	1.09	0.41	PCI/G
SC-19502-S	8/5/1999	RADIUM-228	0.445	0.89	PCI/G
SC-19503-S	8/5/1999	RADIUM-228	0.98	0.42	PCI/G
SC-19504-S	8/5/1999	RADIUM-228	0.475	0.95	PCI/G
SC-19505-S	8/5/1999	RADIUM-228	1.2	0.46	PCI/G
SC-19506-S	8/5/1999	RADIUM-228	0.44	0.88	PCI/G
SC-19507-S	8/5/1999	RADIUM-228	0.92	0.32	PCI/G
SC-19508-S	8/5/1999	RADIUM-228	0.49	0.98	PCI/G
SC-19509-S	8/5/1999	RADIUM-228	0.99	0.36	PCI/G
SC-19510-S	8/5/1999	RADIUM-228	0.535	1.07	PCI/G
SC-19511-S	8/5/1999	RADIUM-228	1.28	0.34	PCI/G
SC-19512-S	8/5/1999	RADIUM-228	1.1	0.49	PCI/G
SC-19513-S	8/5/1999	RADIUM-228	1.35	0.44	PCI/G
SC-19514-S	8/5/1999	RADIUM-228	0.5	1	PCI/G
SC-19515-S	8/5/1999	RADIUM-228	0.96	0.38	PCI/G
SC-19516-S	8/5/1999	RADIUM-228	0.48	0.96	PCI/G
SC-19517-S	8/5/1999	RADIUM-228	1.09	0.48	PCI/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19518-S	8/5/1999	RADIUM-228	0.485	0.97	PCI/G
SC-19519-S	8/5/1999	RADIUM-228	1.06	0.39	PCI/G
SC-19520-S	8/5/1999	RADIUM-228	0.465	0.93	PCI/G
SC-19604-S	8/5/1999	RADIUM-228	1.43	0.31	PCI/G
SC-19605-S	8/5/1999	RADIUM-228	0.415	0.83	PCI/G
SC-19606-S	8/5/1999	RADIUM-228	0.92	0.42	PCI/G
SC-19610-S	8/26/1999	RADIUM-228	1.59	0.7	PCI/G
SC-19610-S-RS	9/8/1999	RADIUM-228	1.15	0.5	PCI/G
SC-19611-S	8/26/1999	RADIUM-228	1.36	0.4	PCI/G
SC-19612-S	8/5/1999	RADIUM-228	1.29	0.49	PCI/G
SC-19613-S	8/5/1999	RADIUM-228	1.35	0.39	PCI/G
SC-19618-S	8/26/1999	RADIUM-228	1.13	0.36	PCI/G
SC-19619-S	8/26/1999	RADIUM-228	1.13	0.45	PCI/G
SC-19620-S	8/26/1999	RADIUM-228	0.485	0.97	PCI/G
SC-19621-S	8/5/1999	RADIUM-228	0.42	0.84	PCI/G
SC-19702-C	5/22/2000	RADIUM-228	1.16	0.46	PCI/G
SC-19715-S	5/1/2000	RADIUM-228	0.355	0.71	PCI/G
SC-19801-C	5/12/2000	RADIUM-228	1.06	0.3	PCI/G
SC-19801-S	5/1/2000	RADIUM-228	1.15	0.34	PCI/G
SC-19802-S	5/2/2000	RADIUM-228	1.21	0.34	PCI/G
SC-19803-S	5/2/2000	RADIUM-228	0.41	0.82	PCI/G
SC-19804-S	5/2/2000	RADIUM-228	1.15	0.205	PCI/G
SC-19805-S	5/2/2000	RADIUM-228	1.08	0.255	PCI/G
SC-19806-S	5/1/2000	RADIUM-228	0.93	0.39	PCI/G
SC-19807-S	5/2/2000	RADIUM-228	0.36	0.72	PCI/G
SC-19808-S	5/2/2000	RADIUM-228	1.13	0.33	PCI/G
SC-19810-S	5/1/2000	RADIUM-228	1.22	0.42	PCI/G
SC-19811-S	5/1/2000	RADIUM-228	1	0.32	PCI/G
SC-19812-S	4/5/2000	RADIUM-228	1.21	0.37	PCI/G
SC-19812-S-HS01	4/5/2000	RADIUM-228	1.73	0.7	PCI/G
SC-19812-S-HS02	4/5/2000	RADIUM-228	1.19	0.4	PCI/G
SC-19812-S-RS01	4/10/2000	RADIUM-228	0.345	0.69	PCI/G
SC-19813-S	4/5/2000	RADIUM-228	0.97	0.31	PCI/G
SC-19816-S-HS01	4/5/2000	RADIUM-228	0.435	0.87	PCI/G
SC-19817-S	3/31/2000	RADIUM-228	0.94	0.34	PCI/G
SC-19818-S	4/5/2000	RADIUM-228	1.06	0.34	PCI/G
SC-19901-S	8/3/1999	RADIUM-228	0.46	0.92	PCI/G
SC-19902-S	8/3/1999	RADIUM-228	0.98	0.48	PCI/G
SC-19903-S	8/30/1999	RADIUM-228	0.98	0.49	PCI/G
SC-19904-S	7/30/1999	RADIUM-228	1.37	0 42	PCI/G
SC-19905-S	8/3/1999	RADIUM-228	0.94	0.46	PCI/G
SC-19906-S	8/3/1999	RADIUM-228	0.47	0.94	PCI/G
SC-19907-S	7/30/1999	RADIUM-228	1.11	0.47	PCI/G
SC-19908-S	7/30/1999	RADIUM-228	1.39	0.32	PCI/G
SC-19909-S	8/3/1999	RADIUM-228	1.01	0.4	PCI/G
SC-19910-S	8/3/1999	RADIUM-228	0.445	0.89	PCI/G
SC-19911-S	7/30/1999	RADIUM-228	0.48	0.96	PCI/G
SC-19912-S	3/31/2000	RADIUM-228	0.37	0.74	PCI/G
SC-19913-S	8/3/1999	RADIUM-228	0.88	0.4	PCI/G
SC-19914-S	8/3/1999	RADIUM-228	1.14	0.51	PCI/G
SC-19915-S	3/31/2000	RADIUM-228	1.2	0.36	PCI/G
SC-19916-S	3/31/2000	RADIUM-228	0.32	0.64	PCI/G
SC-19917-S	8/3/1999	RADIUM-228	0.88	0 35	PCI/G
SC-19918-S	3/31/2000	RADIUM-228	0.92	0.35	PCI/G
SC-19919-S	3/31/2000	RADIUM-228	0.41	0.82	PCI/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19920-S	3/31/2000	RADIUM-228	1.21	0.32	PCI/G
SC-19920-S-HS01	4/5/2000	RADIUM-228	3.5	0.55	PCI/G
SC-19920-S-HS02	4/5/2000	RADIUM-228	2.88	0.59	PCI/G
SC-19920-S-RS01	4/14/2000	RADIUM-228	1.08	0.48	PCI/G
SC-19920-S-RS02	4/14/2000	RADIUM-228	1.26	0.33	PCI/G
SC-20001-S	8/3/1999	RADIUM-228	1	0.54	PCI/G
SC-20002-S	8/3/1999	RADIUM-228	1.06	0.46	PCI/G
SC-20003-S	8/3/1999	RADIUM-228	0.475	0.95	PCI/G
SC-20004-S	8/3/1999	RADIUM-228	1.07	0.46	PCI/G
SC-20005-S	8/3/1999	RADIUM-228	0.49	0.98	PCI/G
SC-20006-S	8/31/1999	RADIUM-228	1.13	0.52	PCI/G
SC-20007-S	8/3/1999	RADIUM-228	1.06	0.4	PCI/G
SC-20008-S	8/3/1999	RADIUM-228	0.98	0.49	PCI/G
SC-20009-S	8/3/1999	RADIUM-228	0.78	0.46	PCI/G
SC-20010-S	8/3/1999	RADIUM-228	0.465	0.93	PCI/G
SC-20011-S	8/26/1999	RADIUM-228	1.15	0.51	PCI/G
SC-20012-S	8/26/1999	RADIUM-228	1.41	0.61	PCI/G
SC-20013-S	8/3/1999	RADIUM-228	1.1	0.45	PCI/G
SC-20014-S	8/3/1999	RADIUM-228	0.41	0.82	PCI/G
SC-20015-S	8/3/1999	RADIUM-228	1	0.44	PCI/G
SC-20016-S	8/26/1999	RADIUM-228	1.03	0.45	PCI/G
SC-20017-S	8/26/1999	RADIUM-228	0.48	0.96	PCI/G
SC-20018-S	8/3/1999	RADIUM-228	1.09	0.5	PCI/G
SC-20019-S	8/3/1999	RADIUM-228	1.09	0.4	PCI/G
SC-20020-S	8/3/1999	RADIUM-228	0.79	0.37	PCI/G
SC-20101-C	6/30/1999	RADIUM-228	0.4	0.8	PCI/G
SC-20102-S	6/30/1999	RADIUM-228	0.75	0.44	PCI/G
SC-20103-S	6/30/1999	RADIUM-228	0.96	0.51	PCI/G
SC-20105-S	6/30/1999	RADIUM-228	0.95	0.41	PCI/G
SC-20106-S	6/30/1999	RADIUM-228	0.99	0.46	PCI/G
SC-20107-S	6/30/1999	RADIUM-228	0.88	0.54	PCI/G
SC-20108-C	6/30/1999	RADIUM-228	0.485	0.97	PCI/G
SC-20109-S	6/30/1999	RADIUM-228	1.04	0.42	PCI/G
SC-20110-S	6/30/1999	RADIUM-228	0.445	0.89	PCI/G
SC-20111-S	6/30/1999	RADIUM-228	0.99	0.35	PCI/G
SC-20113-S	6/30/1999	RADIUM-228	0.42	0.84	PCI/G
SC-20114-S	6/30/1999	RADIUM-228	1.05	0.47	PCI/G
SC-20115-S	6/30/1999	RADIUM-228	0.93	0.49	PCI/G
SC-20116-S	6/30/1999	RADIUM-228	1.16	0.43	PCI/G
SC-20117-C	6/30/1999	RADIUM-228	0.515	1.03	PCI/G
SC-20119-S	7/19/1999	RADIUM-228	0.435	0.87	PCI/G
SC-20120-S	7/19/1999	RADIUM-228	0.88	0.37	PCI/G
SC-20121-S	6/30/1999	RADIUM-228	1.28	0.42	PCI/G
SC-20124-C	7/19/1999	RADIUM-228	0.455	0.91	PCI/G
SC-20125-C	6/30/1999	RADIUM-228	1.28	0.46	PCI/G
SC-20201-S	6/30/1999	RADIUM-228	0.98	0.45	PCI/G
SC-20202-S	6/30/1999	RADIUM-228	0.445	0.89	PCI/G
SC-20204-S	6/30/1999	RADIUM-228	0.87	0.38	PCI/G
SC-20205-S	6/30/1999	RADIUM-228	0.405	0.81	PCI/G
SC-20206-S	6/30/1999	RADIUM-228	1.01	0.4	PCI/G
SC-20207-S	6/30/1999	RADIUM-228	0.45	0.9	PCI/G
SC-20208-S	6/30/1999	RADIUM-228	0.92	0.44	PCI/G
SC-20209-S	6/30/1999	RADIUM-228	1.31	0.48	PCI/G
SC-20210-S	6/30/1999	RADIUM-228	0.95	0.4	PCI/G
SC-20211-S	6/30/1999	RADIUM-228	0.495	0.99	PCI/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20212-S	6/30/1999	RADIUM-228	1.13	0.45	PCI/G
SC-20213-S	6/30/1999	RADIUM-228	1.16	0.45	PCI/G
SC-20214-S	6/30/1999	RADIUM-228	1.08	0.4	PCI/G
SC-20215-S	6/30/1999	RADIUM-228	0.445	0.89	PCI/G
SC-20216-S	6/30/1999	RADIUM-228	0 35	0.7	PCI/G
SC-20218-S	7/19/1999	RADIUM-228	0.97	0.42	PCI/G
SC-20219-S	7/19/1999	RADIUM-228	0.455	0.91	PCI/G
SC-20220-C	7/19/1999	RADIUM-228	1.12	0.36	PCI/G
SC-20301-S	8/26/1999	RADIUM-228	0.415	0.83	PCI/G
SC-20302-S	8/26/1999	RADIUM-228	0.87	0.41	PCI/G
SC-20303-S	8/26/1999	RADIUM-228	0.475	0.95	PCI/G
SC-20304-S	8/5/1999	RADIUM-228	1.04	0.41	PCI/G
SC-20305-S	8/31/1999	RADIUM-228	0.83	0.43	PCI/G
SC-20306-S	8/26/1999	RADIUM-228	1.09	0.41	PCI/G
SC-20307-S	8/26/1999	RADIUM-228	0.53	1.06	PCI/G
SC-20308-S	8/31/1999	RADIUM-228	0.89	0.38	PCI/G
SC-20309-S	6/30/1999	RADIUM-228	0.99	0.53	PCI/G
SC-20310-S	6/30/1999	RADIUM-228	1 11	0.37	PCI/G
SC-20311-S	8/31/1999	RADIUM-228	0.95	0.45	PCI/G
SC-20312-S	8/26/1999	RADIUM-228	1.17	0.47	PCI/G
SC-20313-S	6/30/1999	RADIUM-228	0.475	0.95	PCI/G
SC-20314-S	6/30/1999	RADIUM-228	0.81	0.44	PCI/G
SC-20315-S	6/30/1999	RADIUM-228	0.485	0.97	PCI/G
SC-20316-S	8/31/1999	RADIUM-228	0.41	0.82	PCI/G
SC-20317-S	7/19/1999	RADIUM-228	0.465	0.93	PCI/G
SC-20401-S	8/31/1999	RADIUM-228	1.21	0.41	PCI/G
SC-20402-S	8/26/1999	RADIUM-228	0.495	0.99	PCI/G
SC-20403-S	8/26/1999	RADIUM-228	1.07	0.45	PCI/G
SC-20404-S	8/3/1999	RADIUM-228	1.05	0.33	PCI/G
SC-20405-S	8/3/1999	RADIUM-228	1 1	0.53	PCI/G
SC-20406-S	8/31/1999	RADIUM-228	0.82	0.48	PCI/G
SC-20407-S	8/31/1999	RADIUM-228	1.2	0.45	PCI/G
SC-20408-S	8/26/1999	RADIUM-228	1.18	0.87	PCI/G
SC-20409-S	8/26/1999	RADIUM-228	1 18	0.45	PCI/G
SC-20410-S	8/26/1999	RADIUM-228	0.475	0.95	PCI/G
SC-20412-S	8/31/1999	RADIUM-228	1.18	0.42	PCI/G
SC-20413-S	8/26/1999	RADIUM-228	0.91	0.44	PCI/G
SC-20414-S	8/26/1999	RADIUM-228	0.52	1.04	PCI/G
SC-20414-S-RS	3/24/2000	RADIUM-228	0.385	0.77	PCI/G
SC-20415-S	8/26/1999	RADIUM-228	3.05	0.63	PCI/G
SC-20415-S-RS	3/24/2000	RADIUM-228	1	0.36	PCI/G
SC-20417-S	8/31/1999	RADIUM-228	0.98	0.35	PCI/G
SC-20418-S	8/31/1999	RADIUM-228	0.465	0.93	PCI/G
SC-20419-S	3/17/2000	RADIUM-228	0.87	0.4	PCI/G
SC-20420-S	3/17/2000	RADIUM-228	1.31	0.35	PCI/G
SC-20501-U	4/26/2000	RADIUM-228	1.03	0.39	PCI/G
SC-20503-S	8/26/1999	RADIUM-228	1.6	0.53	PCI/G
SC-20503-S-RS	3/24/2000	RADIUM-228	1.01	0.34	PCI/G
SC-20504-S	3/31/2000	RADIUM-228	0.385	0.77	PCI/G
SC-20505-S	3/31/2000	RADIUM-228	0.95	0.35	PCI/G
SC-20506-S	3/31/2000	RADIUM-228	1 93	0.53	PCI/G
SC-20510-S	3/17/2000	RADIUM-228	0.375	0.75	PCI/G
SC-20511-S	3/17/2000	RADIUM-228	1 25	0 36	PCI/G
SC-20512-S	3/17/2000	RADIUM-228	0.93	0.46	PCI/G
SC-20515-S	3/17/2000	RADIUM-228	1.02	0.31	PCI/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20516-S	3/17/2000	RADIUM-228	0.385	0.77	PCI/G
SC-20517-S	3/17/2000	RADIUM-228	1.14	0.33	PCI/G
SC-20518-S	3/17/2000	RADIUM-228	1	0.35	PCI/G
SC-20519-S	3/17/2000	RADIUM-228	1.44	0.41	PCI/G
SC-20702-S	3/29/2000	RADIUM-228	0.4	0.8	PCI/G
SC-20705-S	3/29/2000	RADIUM-228	1.06	0.31	PCI/G
SC-20706-S	3/29/2000	RADIUM-228	0.85	0.36	PCI/G
SC-20815-S-HS01	4/5/2000	RADIUM-228	3.7	0.7	PCI/G
SC-20815-S-HS02	4/5/2000	RADIUM-228	3.87	0.52	PCI/G
SC-20815-S-RS01	4/10/2000	RADIUM-228	1.74	0.34	PCI/G
SC-20815-S-RS02	4/10/2000	RADIUM-228	1.26	0.43	PCI/G
SC-20905-S	4/19/2000	RADIUM-228	0.405	0.81	PCI/G
SC-20906-S	4/19/2000	RADIUM-228	0.92	0.38	PCI/G
SC-20908-S	4/26/2000	RADIUM-228	0.385	0.77	PCI/G
SC-20909-S	4/19/2000	RADIUM-228	1.09	0.4	PCI/G
SC-20910-S	4/19/2000	RADIUM-228	0.34	0.68	PCI/G
SC-20913-S	4/19/2000	RADIUM-228	0.95	0.35	PCI/G
SC-20914-S	4/26/2000	RADIUM-228	1	0.45	PCI/G
SC-20917-S	4/26/2000	RADIUM-228	1.3	0.34	PCI/G
SC-20918-C	4/26/2000	RADIUM-228	1.16	0.44	PCI/G
SC-20918-S	4/26/2000	RADIUM-228	0.345	0.69	PCI/G
SC-21001-S	4/6/1999	RADIUM-228	1.66	0.52	PCI/G
SC-21002-S	4/6/1999	RADIUM-228	1.17	0.46	PCI/G
SC-21003-S	4/6/1999	RADIUM-228	0.5	1	PCI/G
SC-21004-S	4/6/1999	RADIUM-228	1.41	0.42	PCI/G
SC-21004-S-RS	3/13/2000	RADIUM-228	0.79	0.32	PCI/G
SC-21005-S-RS	3/13/2000	RADIUM-228	0.39	0.78	PCI/G
SC-21006-S	4/6/1999	RADIUM-228	2.01	0.65	PCI/G
SC-21007-S	4/6/1999	RADIUM-228	1	0.45	PCI/G
SC-21008-S	4/6/1999	RADIUM-228	0.545	1.09	PCI/G
SC-21009-S	4/6/1999	RADIUM-228	1.15	0.37	PCI/G
SC-21010-S-RS	3/13/2000	RADIUM-228	1.03	0.33	PCI/G
SC-21011-S	4/6/1999	RADIUM-228	0.435	0.87	PCI/G
SC-21012-S	4/6/1999	RADIUM-228	1.42	0.38	PCI/G
SC-21013-S	4/2/1999	RADIUM-228	0.475	0.95	PCI/G
SC-21014-S	4/2/1999	RADIUM-228	2.01	0.43	PCI/G
SC-21015-S	4/2/1999	RADIUM-228	0.475	0.95	PCI/G
SC-21016-S	4/2/1999	RADIUM-228	1.27	0.41	PCI/G
SC-21017-S	4/2/1999	RADIUM-228	1.29	0.54	PCI/G
SC-21018-S	4/2/1999	RADIUM-228	1.19	0.41	PCI/G
SC-21019-S	4/2/1999	RADIUM-228	0.48	0.96	PCI/G
SC-21020-S	4/2/1999	RADIUM-228	0.78	0.46	PCI/G
SC-21101-S	3/29/2000	RADIUM-228	1.09	0.42	PCI/G
SC-21102-S	3/29/2000	RADIUM-228	1.16	0.38	PCI/G
SC-21103-S	3/29/2000	RADIUM-228	1.27	0.33	PCI/G
SC-21104-S	4/6/1999	RADIUM-228	0.6	1.2	PCI/G
SC-21105-S	4/6/1999	RADIUM-228	2.98	0.58	PCI/G
SC-21105-S-RS	6/2/1999	RADIUM-228	0.44	0.88	PCI/G
SC-21106-S	3/29/2000	RADIUM-228	1.28	0.37	PCI/G
SC-21107-S	4/2/1999	RADIUM-228	0.53	1.06	PCI/G
SC-21107-S-RS	4/12/2000	RADIUM-228	1.06	0.33	PCI/G
SC-21108-S	6/15/1999	RADIUM-228	1.32	0.43	PCI/G
SC-21109-S	4/6/1999	RADIUM-228	1.63	0.51	PCI/G
SC-21110-S	4/6/1999	RADIUM-228	1.28	0.47	PCI/G
SC-21111-S	4/2/1999	RADIUM-228	1.06	0.4	PCI/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21112-S	4/2/1999	RADIUM-228	1.31	0.47	PCI/G
SC-21113-S	4/2/1999	RADIUM-228	1.32	0.47	PCI/G
SC-21114-S	4/2/1999	RADIUM-228	0.47	0.94	PCI/G
SC-21115-S	4/2/1999	RADIUM-228	1.2	0.5	PCI/G
SC-21116-S	4/1/1999	RADIUM-228	0.5	1	PCI/G
SC-21117-S	4/2/1999	RADIUM-228	1.24	0.51	PCI/G
SC-21118-S	4/2/1999	RADIUM-228	0.98	0.45	PCI/G
SC-21119-S	4/2/1999	RADIUM-228	0.47	0.94	PCI/G
SC-21120-S	4/2/1999	RADIUM-228	1.76	0.5	PCI/G
SC-21201-S	3/17/2000	RADIUM-228	0.97	0.4	PCI/G
SC-21201-U	4/14/2000	RADIUM-228	1.34	0.37	PCI/G
SC-21202-S	3/17/2000	RADIUM-228	0.84	0.34	PCI/G
SC-21203-S	3/17/2000	RADIUM-228	0.95	0.38	PCI/G
SC-21204-S	3/17/2000	RADIUM-228	1.1	0.37	PCI/G
SC-21205-S	3/29/2000	RADIUM-228	1.01	0.38	PCI/G
SC-21206-S	3/17/2000	RADIUM-228	1.15	0.39	PCI/G
SC-21207-S	3/17/2000	RADIUM-228	0.85	0.37	PCI/G
SC-21208-S	3/17/2000	RADIUM-228	0.87	0.39	PCI/G
SC-21209-S	3/17/2000	RADIUM-228	1.34	0.37	PCI/G
SC-21210-S	3/29/2000	RADIUM-228	1.23	0.33	PCI/G
SC-21211-S	3/17/2000	RADIUM-228	0.395	0.79	PCI/G
SC-21212-S	3/17/2000	RADIUM-228	1.02	0.33	PCI/G
SC-21213-S	3/17/2000	RADIUM-228	0.405	0.81	PCI/G
SC-21214-S	3/24/2000	RADIUM-228	1.06	0.44	PCI/G
SC-21215-S	3/24/2000	RADIUM-228	1.05	0.31	PCI/G
SC-21216-S	3/17/2000	RADIUM-228	1.07	0.34	PCI/G
SC-21217-S	3/24/2000	RADIUM-228	0.93	0.43	PCI/G
SC-21218-S	3/24/2000	RADIUM-228	0.91	0.39	PCI/G
SC-21219-S	3/24/2000	RADIUM-228	0.405	0.81	PCI/G
SC-21220-S	4/1/1999	RADIUM-228	1 03	0.41	PCI/G
SC-21305-S	3/17/2000	RADIUM-228	1.1	0.31	PCI/G
SC-21306-S	3/17/2000	RADIUM-228	1.32	0 34	PCI/G
SC-21313-S	3/17/2000	RADIUM-228	0.4	0.8	PCI/G
SC-21319-S	3/17/2000	RADIUM-228	1.16	0.37	PCI/G
SC-21501-S	3/24/2000	RADIUM-228	0.87	0.4	PCI/G
SC-21502-S	4/1/1999	RADIUM-228	0.88	0.51	PCI/G
SC-21503-S	4/1/1999	RADIUM-228	1.07	0.47	PCI/G
SC-21504-S	4/1/1999	RADIUM-228	0.445	0.89	PCI/G
SC-21505-S	4/1/1999	RADIUM-228	0.9	0.53	PCI/G
SC-21506-S	4/1/1999	RADIUM-228	0.84	0.41	PCI/G
SC-21507-S	4/1/1999	RADIUM-228	1.05	0.54	PCI/G
SC-21508-S	4/1/1999	RADIUM-228	0.96	0.44	PCI/G
SC-21509-S	4/1/1999	RADIUM-228	0.87	0.55	PCI/G
SC-21510-S	4/1/1999	RADIUM-228	0.89	0.45	PCI/G
SC-21511-S	4/1/1999	RADIUM-228	0.47	0.94	PCI/G
SC-21512-S	4/1/1999	RADIUM-228	1.04	0.47	PCI/G
SC-21513-S	4/1/1999	RADIUM-228	1.09	0.28	PCI/G
SC-21514-S	4/1/1999	RADIUM-228	0.95	0.46	PCI/G
SC-21515-S	4/1/1999	RADIUM-228	0.445	0.89	PCI/G
SC-21516-S	4/1/1999	RADIUM-228	0.92	0.47	PCI/G
SC-21518-S	4/1/1999	RADIUM-228	0.52	1.04	PCI/G
SC-21519-S	4/1/1999	RADIUM-228	0.91	0.49	PCI/G
SC-21520-S	4/1/1999	RADIUM-228	0.48	0.96	PCI/G
SC-21601-S	4/1/1999	RADIUM-228	1.12	0.45	PCI/G
SC-21602-S	4/2/1999	RADIUM-228	0.525	1.05	PCI/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21603-S	4/2/1999	RADIUM-228	1.16	0.54	PCI/G
SC-21604-S	4/2/1999	RADIUM-228	0.465	0.93	PCI/G
SC-21605-S	4/2/1999	RADIUM-228	1.56	0.39	PCI/G
SC-21606-S	4/1/1999	RADIUM-228	0.46	0.92	PCI/G
SC-21607-S	4/2/1999	RADIUM-228	0.48	0.96	PCI/G
SC-21608-S	4/2/1999	RADIUM-228	1.26	0.45	PCI/G
SC-21609-S	4/2/1999	RADIUM-228	1.17	0.47	PCI/G
SC-21610-S	4/2/1999	RADIUM-228	0.595	1.19	PCI/G
SC-21611-S	4/1/1999	RADIUM-228	1.02	0.44	PCI/G
SC-21612-S	4/1/1999	RADIUM-228	1.42	0.48	PCI/G
SC-21613-S	4/2/1999	RADIUM-228	0.525	1.05	PCI/G
SC-21614-S	4/2/1999	RADIUM-228	1.16	0.5	PCI/G
SC-21615-S	4/2/1999	RADIUM-228	0.51	1.02	PCI/G
SC-21616-S	4/1/1999	RADIUM-228	1.06	0.46	PCI/G
SC-21617-S	4/1/1999	RADIUM-228	0.535	1.07	PCI/G
SC-21618-S	4/2/1999	RADIUM-228	1.23	0.46	PCI/G
SC-21619-S	4/2/1999	RADIUM-228	1.51	0.57	PCI/G
SC-21620-S	4/2/1999	RADIUM-228	1.11	0.48	PCI/G
SC-21701-S	4/2/1999	RADIUM-228	0.545	1.09	PCI/G
SC-21702-S	4/2/1999	RADIUM-228	1.5	0.48	PCI/G
SC-21703-S	4/2/1999	RADIUM-228	0.49	0.98	PCI/G
SC-21704-S	4/2/1999	RADIUM-228	1.29	0.47	PCI/G
SC-21705-S	4/2/1999	RADIUM-228	1.13	0.45	PCI/G
SC-21706-S	4/2/1999	RADIUM-228	1.03	0.47	PCI/G
SC-21707-S	4/2/1999	RADIUM-228	0.535	1.07	PCI/G
SC-21708-S	4/2/1999	RADIUM-228	1.19	0.42	PCI/G
SC-21709-S	4/2/1999	RADIUM-228	0.46	0.92	PCI/G
SC-21710-S	4/2/1999	RADIUM-228	1.34	0.47	PCI/G
SC-21711-S	4/2/1999	RADIUM-228	1.69	0.56	PCI/G
SC-21712-S	4/2/1999	RADIUM-228	0.92	0.52	PCI/G
SC-21713-S	4/2/1999	RADIUM-228	0.44	0.88	PCI/G
SC-21714-S	4/2/1999	RADIUM-228	0.95	0.51	PCI/G
SC-21716-S	4/2/1999	RADIUM-228	0.49	0.98	PCI/G
SC-21717-S	4/2/1999	RADIUM-228	1.27	0.45	PCI/G
SC-21801-S	4/1/1999	RADIUM-228	1.12	0.38	PCI/G
SC-21802-S	4/1/1999	RADIUM-228	0.475	0.95	PCI/G
SC-21803-S	4/2/1999	RADIUM-228	0.55	1.1	PCI/G
SC-21804-S	4/2/1999	RADIUM-228	1.18	0.43	PCI/G
SC-21805-S	4/2/1999	RADIUM-228	0.51	1.02	PCI/G
SC-21810-S	4/1/1999	RADIUM-228	1.19	0.41	PCI/G
SC-21811-S	4/1/1999	RADIUM-228	1.17	0.48	PCI/G
SC-21812-S	4/2/1999	RADIUM-228	1.06	0.47	PCI/G
SC-21817-S	4/1/1999	RADIUM-228	0.475	0.95	PCI/G
SC-21902-S	4/1/1999	RADIUM-228	0.48	0.96	PCI/G
SC-21903-S	4/1/1999	RADIUM-228	0.9	0.49	PCI/G
SC-21904-S	4/1/1999	RADIUM-228	1.18	0.41	PCI/G
SC-21905-S	4/1/1999	RADIUM-228	0.49	0.98	PCI/G
SC-21909-S	4/1/1999	RADIUM-228	1.33	0.45	PCI/G
SC-21910-S	4/1/1999	RADIUM-228	0.45	0.9	PCI/G
SC-22002-S	3/16/1999	RADIUM-228	0.425	0.85	PCI/G
SC-22004-S	3/2/1999	RADIUM-228	0.46	0.92	PCI/G
SC-22005-S	3/16/1999	RADIUM-228	0.9	0.44	PCI/G
SC-22006-S	3/16/1999	RADIUM-228	0.47	0.94	PCI/G
SC-22007-S	3/16/1999	RADIUM-228	0.86	0.51	PCI/G
SC-22008-S	3/16/1999	RADIUM-228	0.46	0.92	PCI/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-22009-S	3/16/1999	RADIUM-228	1 24	0.43	PCI/G
SC-22010-S	3/16/1999	RADIUM-228	0.37	0.74	PCI/G
SC-22011-S	3/16/1999	RADIUM-228	1.15	0.5	PCI/G
SC-22012-S	3/2/1999	RADIUM-228	0.345	0.69	PCI/G
SC-22013-S	3/2/1999	RADIUM-228	1.13	0.44	PCI/G
SC-22014-S	3/16/1999	RADIUM-228	0.48	0.96	PCI/G
SC-22015-S	3/16/1999	RADIUM-228	1.01	0.46	PCI/G
SC-22016-S	3/16/1999	RADIUM-228	1.4	0.5	PCI/G
SC-22017-S	3/16/1999	RADIUM-228	1.26	0.43	PCI/G
SC-22018-S	3/16/1999	RADIUM-228	0.52	1.04	PCI/G
SC-22019-C	3/16/1999	RADIUM-228	1.36	0.46	PCI/G
SC-22022-S	3/16/1999	RADIUM-228	0.375	0.75	PCI/G
SC-22023-S	3/16/1999	RADIUM-228	1.31	0.46	PCI/G
SC-22024-S	3/16/1999	RADIUM-228	1.24	0.57	PCI/G
SC-22025-S	3/16/1999	RADIUM-228	1.23	0.4	PCI/G
SC-22026-C	3/16/1999	RADIUM-228	1.36	0.46	PCI/G
SC-22029-C	3/16/1999	RADIUM-228	0.155	0.31	PCI/G
SC-22030-S	3/16/1999	RADIUM-228	0.18	0.36	PCI/G
SC-22031-C	3/16/1999	RADIUM-228	0.495	0.99	PCI/G
SC-20419-S	3/17/2000	SELENIUM	0.68	0.28	UG/G
SC-20420-S	3/17/2000	SELENIUM	0.3	0.29	UG/G
SC-20501-U	4/26/2000	SELENIUM	0.55	1.1	UG/G
SC-20510-S	3/17/2000	SELENIUM	0.73	0.28	UG/G
SC-20511-S	3/17/2000	SELENIUM	0.42	0.29	UG/G
SC-20512-S	3/17/2000	SELENIUM	0 51	0.31	UG/G
SC-20515-S	3/17/2000	SELENIUM	0.53	0.29	UG/G
SC-20516-S	3/17/2000	SELENIUM	0.61	0.31	UG/G
SC-20517-S	3/17/2000	SELENIUM	0.57	0.29	UG/G
SC-20518-S	3/17/2000	SELENIUM	0.46	0.3	UG/G
SC-20519-S	3/17/2000	SELENIUM	0.39	0.28	UG/G
SC-21201-S	3/17/2000	SELENIUM	0.65	0.3	UG/G
SC-21201-U	4/14/2000	SELENIUM	0.22	0.44	UG/G
SC-21202-S	3/17/2000	SELENIUM	0.4	0.29	UG/G
SC-21203-S	3/17/2000	SELENIUM	0.61	0.29	UG/G
SC-21204-S	3/17/2000	SELENIUM	0 14	0.28	UG/G
SC-21206-S	3/17/2000	SELENIUM	0 145	0.29	UG/G
SC-21207-S	3/17/2000	SELENIUM	0 87	0.28	UG/G
SC-21208-S	3/17/2000	SELENIUM	0 155	0.31	UG/G
SC-21209-S	3/17/2000	SELENIUM	0.46	0.3	UG/G
SC-21210-S	3/29/2000	SELENIUM	1.1	0.94	UG/G
SC-21211-S	3/17/2000	SELENIUM	0.4	0.29	UG/G
SC-21212-S	3/17/2000	SELENIUM	1.1	0.32	UG/G
SC-21213-S	3/17/2000	SELENIUM	0.49	0.26	UG/G
SC-21216-S	3/17/2000	SELENIUM	0 51	0.28	UG/G
SC-21304-S	2/29/2000	SELENIUM	0.1	0.1	UG/G
SC-21305-S	3/17/2000	SELENIUM	0 78	0.28	UG/G
SC-21306-S	3/17/2000	SELENIUM	0.47	0.28	UG/G
SC-21312-S	2/29/2000	SELENIUM	0.12	0.1	UG/G
SC-21313-S	3/17/2000	SELENIUM	1.6	0.3	UG/G
SC-21318-S	2/29/2000	SELENIUM	0.05	0.1	UG/G
SC-21319-S	3/17/2000	SELENIUM	0 64	0.3	UG/G
SC-21325-S	2/29/2000	SELENIUM	0.1	0.1	UG/G
SC-21405-S	2/29/2000	SELENIUM	0.1	0.1	UG/G
SC-20702-S	3/29/2000	THALLIUM	0.96	0.87	UG/G
SC-20705-S	3/29/2000	THALLIUM	0.385	0 77	UG/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20706-S	3/29/2000	THALLIUM	0.415	0.83	UG/G
SC-20905-S	4/19/2000	THALLIUM	0.425	0.85	UG/G
SC-20906-S	4/19/2000	THALLIUM	0.385	0.77	UG/G
SC-18905-S	4/17/2000	THORIUM-230	1.53	0.64	PCI/G
SC-18906-S	7/30/1999	THORIUM-230	1.35	0.64	PCI/G
SC-18910-C	4/17/2000	THORIUM-230	5.77	0.64	PCI/G
SC-18910-S	4/17/2000	THORIUM-230	2.42	0.62	PCI/G
SC-18911-S	7/30/1999	THORIUM-230	1.95	0.62	PCI/G
SC-18912-S	7/30/1999	THORIUM-230	1.17	0.64	PCI/G
SC-18914-S	9/30/1999	THORIUM-230	65.4	0.65	PCI/G
SC-18914-S-RS	10/5/1999	THORIUM-230	9.15	0.65	PCI/G
SC-18914-S-RS2	6/5/2000	THORIUM-230	1.09	0.64	PCI/G
SC-18915-S	4/17/2000	THORIUM-230	27.1	0.62	PCI/G
SC-18915-S-RS	4/27/2000	THORIUM-230	1.05	0.64	PCI/G
SC-18916-S	7/30/1999	THORIUM-230	1.46	0.64	PCI/G
SC-18917-S	7/30/1999	THORIUM-230	1.17	0.62	PCI/G
SC-18918-S	7/30/1999	THORIUM-230	1.35	0.62	PCI/G
SC-18919-S	9/30/1999	THORIUM-230	85.8	0.64	PCI/G
SC-18919-S-RS	10/5/1999	THORIUM-230	1.07	0.64	PCI/G
SC-18919-S-RS2	6/5/2000	THORIUM-230	2.12	0.62	PCI/G
SC-18920-C	6/5/2000	THORIUM-230	0.98	0.64	PCI/G
SC-18920-S	6/5/2000	THORIUM-230	0.96	0.64	PCI/G
SC-18921-S	7/30/1999	THORIUM-230	1.01	0.64	PCI/G
SC-18922-S	7/30/1999	THORIUM-230	1.31	0.64	PCI/G
SC-18923-S	7/30/1999	THORIUM-230	1.65	0.62	PCI/G
SC-18924-C	4/6/2000	THORIUM-230	59.7	0.64	PCI/G
SC-18924-C-RS	4/17/2000	THORIUM-230	47.2	0.64	PCI/G
SC-18924-C-RS2	4/27/2000	THORIUM-230	0.86	0.64	PCI/G
SC-18924-S	9/30/1999	THORIUM-230	1.48	0.64	PCI/G
SC-18924-S-RS	10/5/1999	THORIUM-230	1.5	0.62	PCI/G
SC-18925-C	6/5/2000	THORIUM-230	1.17	0.64	PCI/G
SC-18925-S	5/12/2000	THORIUM-230	2.2	0.62	PCI/G
SC-19006-S	8/3/1999	THORIUM-230	1.25	0.64	PCI/G
SC-19007-S	8/3/1999	THORIUM-230	2.39	0.7	PCI/G
SC-19008-S	7/30/1999	THORIUM-230	0.94	0.64	PCI/G
SC-19009-S	7/30/1999	THORIUM-230	1.95	0.64	PCI/G
SC-19010-S	7/30/1999	THORIUM-230	1.92	0.64	PCI/G
SC-19011-S	8/3/1999	THORIUM-230	1.35	0.64	PCI/G
SC-19012-S	8/3/1999	THORIUM-230	2	0.73	PCI/G
SC-19013-S	7/30/1999	THORIUM-230	1.56	0.62	PCI/G
SC-19014-S	7/30/1999	THORIUM-230	1.43	0.62	PCI/G
SC-19015-S	7/30/1999	THORIUM-230	1.25	0.64	PCI/G
SC-19016-S	8/3/1999	THORIUM-230	56.1	0.64	PCI/G
SC-19016-S-RS	8/19/1999	THORIUM-230	0.98	0.62	PCI/G
SC-19017-S	8/3/1999	THORIUM-230	2.6	0.64	PCI/G
SC-19018-S	7/30/1999	THORIUM-230	1.62	0.64	PCI/G
SC-19019-S	7/30/1999	THORIUM-230	0.92	0.62	PCI/G
SC-19020-S	7/30/1999	THORIUM-230	0.94	0.62	PCI/G
SC-19021-C	8/3/1999	THORIUM-230	0.97	0.64	PCI/G
SC-19021-S	8/3/1999	THORIUM-230	1.46	0.64	PCI/G
SC-19021-S-HS01	8/18/1999	THORIUM-230	687	0.62	PCI/G
SC-19021-S-RS01	8/19/1999	THORIUM-230	1.08	0.62	PCI/G
SC-19021-S-RS02	9/8/1999	THORIUM-230	0.97	0.62	PCI/G
SC-19022-S	8/3/1999	THORIUM-230	1.13	0.64	PCI/G
SC-19022-S-HS01	8/18/1999	THORIUM-230	160	0.62	PCI/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19022-S-RS01	8/19/1999	THORIUM-230	0.9	0.62	PCI/G
SC-19023-S	7/30/1999	THORIUM-230	1.83	0.64	PCI/G
SC-19023-S-HS01	8/18/1999	THORIUM-230	129	0.63	PCI/G
SC-19023-S-RS01	8/19/1999	THORIUM-230	3.89	0.64	PCI/G
SC-19023-S-RS02	9/8/1999	THORIUM-230	1.18	0.64	PCI/G
SC-19024-S	7/30/1999	THORIUM-230	1.21	0.64	PCI/G
SC-19024-S-RS01	9/8/1999	THORIUM-230	1.19	0.64	PCI/G
SC-19025-S	7/30/1999	THORIUM-230	3.24	0.62	PCI/G
SC-19106-S	8/5/1999	THORIUM-230	1.99	0.64	PCI/G
SC-19107-S	8/5/1999	THORIUM-230	29.4	0.64	PCI/G
SC-19107-S-RS	8/19/1999	THORIUM-230	1.41	0.62	PCI/G
SC-19108-S	8/5/1999	THORIUM-230	1.35	0.64	PCI/G
SC-19109-S	8/5/1999	THORIUM-230	1.37	0.64	PCI/G
SC-19110-S	8/5/1999	THORIUM-230	1.26	0.64	PCI/G
SC-19111-S	8/5/1999	THORIUM-230	1.11	0.64	PCI/G
SC-19112-S	8/5/1999	THORIUM-230	1.48	0.64	PCI/G
SC-19113-S	8/5/1999	THORIUM-230	1.2	0.64	PCI/G
SC-19114-S	8/5/1999	THORIUM-230	0.92	0.64	PCI/G
SC-19115-S	8/5/1999	THORIUM-230	1.49	0.64	PCI/G
SC-19116-S	8/5/1999	THORIUM-230	1.51	0.64	PCI/G
SC-19117-S	8/5/1999	THORIUM-230	1.57	0.64	PCI/G
SC-19118-S	8/5/1999	THORIUM-230	1.05	0.64	PCI/G
SC-19119-S	8/5/1999	THORIUM-230	1.47	0.64	PCI/G
SC-19120-S	8/5/1999	THORIUM-230	1.33	0.64	PCI/G
SC-19121-S	8/5/1999	THORIUM-230	0.89	0.64	PCI/G
SC-19122-S	8/5/1999	THORIUM-230	1.23	0.64	PCI/G
SC-19123-S	8/5/1999	THORIUM-230	1.29	0.64	PCI/G
SC-19124-S	8/5/1999	THORIUM-230	1.06	0.64	PCI/G
SC-19125-C	8/5/1999	THORIUM-230	1.7	0.64	PCI/G
SC-19125-S	8/5/1999	THORIUM-230	1.26	0.64	PCI/G
SC-19216-S	8/5/1999	THORIUM-230	1.52	0.64	PCI/G
SC-19220-S	8/5/1999	THORIUM-230	0.99	0.64	PCI/G
SC-19221-S	8/5/1999	THORIUM-230	1.23	0.64	PCI/G
SC-19225-S	8/5/1999	THORIUM-230	1.48	0 64	PCI/G
SC-19226-S	8/5/1999	THORIUM-230	1.41	0.64	PCI/G
SC-19227-S	8/5/1999	THORIUM-230	1.37	0.64	PCI/G
SC-19301-S	7/30/1999	THORIUM-230	17.7	0.62	PCI/G
SC-19301-S-HS01	8/9/1999	THORIUM-230	3.1	0.64	PCI/G
SC-19301-S-HS02	8/9/1999	THORIUM-230	1.61	0.64	PCI/G
SC-19301-S-HS03	8/9/1999	THORIUM-230	2.76	0.64	PCI/G
SC-19301-S-HS04	8/9/1999	THORIUM-230	18.3	0.64	PCI/G
SC-19301-S-RS	8/19/1999	THORIUM-230	0.98	0.62	PCI/G
SC-19302-S	7/30/1999	THORIUM-230	1.15	0.64	PCI/G
SC-19303-S	7/30/1999	THORIUM-230	1.17	0.64	PCI/G
SC-19304-S	4/6/2000	THORIUM-230	13.2	0.64	PCI/G
SC-19304-S-RS	4/27/2000	THORIUM-230	1.74	0.64	PCI/G
SC-19305-S	4/6/2000	THORIUM-230	34.8	0.64	PCI/G
SC-19305-S-RS	4/27/2000	THORIUM-230	1.57	0.64	PCI/G
SC-19306-S	7/30/1999	THORIUM-230	1.47	0.62	PCI/G
SC-19307-S	7/30/1999	THORIUM-230	1.09	0.64	PCI/G
SC-19308-S	7/30/1999	THORIUM-230	1.08	0.62	PCI/G
SC-19309-S	7/30/1999	THORIUM-230	24.1	0.62	PCI/G
SC-19309-S-RS	8/19/1999	THORIUM-230	1.29	0.62	PCI/G
SC-19309-S-RS2	4/6/2000	THORIUM-230	2.31	0.62	PCI/G
SC-19310-S	4/6/2000	THORIUM-230	38.8	0.64	PCI/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19310-S-RS	4/27/2000	THORIUM-230	1.72	0.64	PCI/G
SC-19311-S	7/30/1999	THORIUM-230	1.05	0.64	PCI/G
SC-19312-S	7/30/1999	THORIUM-230	1.79	0.64	PCI/G
SC-19313-S	7/30/1999	THORIUM-230	1.16	0.62	PCI/G
SC-19314-S	7/30/1999	THORIUM-230	1.65	0.62	PCI/G
SC-19315-S	4/6/2000	THORIUM-230	1.52	0.64	PCI/G
SC-19316-S	7/30/1999	THORIUM-230	1.81	0.64	PCI/G
SC-19317-S	5/2/2000	THORIUM-230	2.33	0.62	PCI/G
SC-19318-S	5/2/2000	THORIUM-230	2.1	0.62	PCI/G
SC-19319-S	5/2/2000	THORIUM-230	2	0.62	PCI/G
SC-19320-C	4/6/2000	THORIUM-230	1.24	0.64	PCI/G
SC-19320-S	4/6/2000	THORIUM-230	1.34	0.62	PCI/G
SC-19401-S	8/3/1999	THORIUM-230	0.99	0.64	PCI/G
SC-19402-S	8/3/1999	THORIUM-230	0.78	0.64	PCI/G
SC-19403-S	7/30/1999	THORIUM-230	0.98	0.64	PCI/G
SC-19404-S	7/30/1999	THORIUM-230	1.02	0.64	PCI/G
SC-19405-S	7/30/1999	THORIUM-230	1.86	0.62	PCI/G
SC-19406-S	8/3/1999	THORIUM-230	1.07	0.64	PCI/G
SC-19407-S	8/3/1999	THORIUM-230	1.36	0.64	PCI/G
SC-19408-S	7/30/1999	THORIUM-230	0.92	0.62	PCI/G
SC-19409-S	7/30/1999	THORIUM-230	2.4	0.64	PCI/G
SC-19410-S	7/30/1999	THORIUM-230	4.82	0.64	PCI/G
SC-19411-S	8/3/1999	THORIUM-230	1.49	0.64	PCI/G
SC-19412-S	8/3/1999	THORIUM-230	1.18	0.64	PCI/G
SC-19413-S	7/30/1999	THORIUM-230	0.98	0.62	PCI/G
SC-19414-S	7/30/1999	THORIUM-230	2.05	0.62	PCI/G
SC-19415-S	7/30/1999	THORIUM-230	0.8	0.62	PCI/G
SC-19416-S	8/3/1999	THORIUM-230	1.12	0.64	PCI/G
SC-19417-S	8/3/1999	THORIUM-230	0.74	0.64	PCI/G
SC-19418-S	8/3/1999	THORIUM-230	1.26	0.64	PCI/G
SC-19419-S	8/3/1999	THORIUM-230	3.22	0.64	PCI/G
SC-19420-S	7/30/1999	THORIUM-230	1.55	0.62	PCI/G
SC-19501-S	8/5/1999	THORIUM-230	1.31	0.64	PCI/G
SC-19502-S	8/5/1999	THORIUM-230	1.25	0.64	PCI/G
SC-19503-S	8/5/1999	THORIUM-230	1.3	0.64	PCI/G
SC-19504-S	8/5/1999	THORIUM-230	0.93	0.64	PCI/G
SC-19505-S	8/5/1999	THORIUM-230	0.9	0.64	PCI/G
SC-19506-S	8/5/1999	THORIUM-230	1.83	0.64	PCI/G
SC-19507-S	8/5/1999	THORIUM-230	1.78	0.64	PCI/G
SC-19508-S	8/5/1999	THORIUM-230	0.96	0.64	PCI/G
SC-19509-S	8/5/1999	THORIUM-230	0.8	0.64	PCI/G
SC-19510-S	8/5/1999	THORIUM-230	0.9	0.64	PCI/G
SC-19511-S	8/5/1999	THORIUM-230	2.43	0.64	PCI/G
SC-19512-S	8/5/1999	THORIUM-230	3.39	0.64	PCI/G
SC-19513-S	8/5/1999	THORIUM-230	1.52	0.64	PCI/G
SC-19514-S	8/5/1999	THORIUM-230	1.14	0.64	PCI/G
SC-19515-S	8/5/1999	THORIUM-230	1.04	0.64	PCI/G
SC-19516-S	8/5/1999	THORIUM-230	3.67	0.64	PCI/G
SC-19517-S	8/5/1999	THORIUM-230	4.69	0.64	PCI/G
SC-19518-S	8/5/1999	THORIUM-230	10.4	0.64	PCI/G
SC-19518-S-RS	8/19/1999	THORIUM-230	1.29	0.64	PCI/G
SC-19519-S	8/5/1999	THORIUM-230	1.35	0.64	PCI/G
SC-19520-S	8/5/1999	THORIUM-230	0.88	0.64	PCI/G
SC-19604-S	8/5/1999	THORIUM-230	0.99	0.64	PCI/G
SC-19605-S	8/5/1999	THORIUM-230	1.26	0.64	PCI/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19606-S	8/5/1999	THORIUM-230	4.5	0.64	PCI/G
SC-19610-S	8/26/1999	THORIUM-230	30.1	0.64	PCI/G
SC-19610-S-RS	9/8/1999	THORIUM-230	1.22	0.64	PCI/G
SC-19611-S	8/26/1999	THORIUM-230	3.01	0.64	PCI/G
SC-19612-S	8/5/1999	THORIUM-230	0.77	0.64	PCI/G
SC-19613-S	8/5/1999	THORIUM-230	3.34	0.64	PCI/G
SC-19618-S	8/26/1999	THORIUM-230	2.16	0.65	PCI/G
SC-19619-S	8/26/1999	THORIUM-230	2.21	0.64	PCI/G
SC-19620-S	8/26/1999	THORIUM-230	1.5	0.64	PCI/G
SC-19621-S	8/5/1999	THORIUM-230	1.24	0.64	PCI/G
SC-19621-S-RS01	9/8/1999	THORIUM-230	1.61	0.62	PCI/G
SC-19702-C	5/22/2000	THORIUM-230	0.78	0.64	PCI/G
SC-19715-S	5/1/2000	THORIUM-230	1.2	0.62	PCI/G
SC-19801-C	5/12/2000	THORIUM-230	1.24	0.64	PCI/G
SC-19801-S	5/1/2000	THORIUM-230	11	0.62	PCI/G
SC-19801-S-RS	5/11/2000	THORIUM-230	1 01	0.65	PCI/G
SC-19802-S	5/2/2000	THORIUM-230	1.28	0.62	PCI/G
SC-19803-S	5/2/2000	THORIUM-230	2.58	0.64	PCI/G
SC-19804-S	5/2/2000	THORIUM-230	1 72	0.64	PCI/G
SC-19805-S	5/2/2000	THORIUM-230	1.09	0.62	PCI/G
SC-19806-S	5/1/2000	THORIUM-230	0.91	0.62	PCI/G
SC-19807-S	5/2/2000	THORIUM-230	3.65	0.64	PCI/G
SC-19808-S	5/2/2000	THORIUM-230	5 71	0.64	PCI/G
SC-19810-S	5/1/2000	THORIUM-230	1.46	0.62	PCI/G
SC-19811-S	5/1/2000	THORIUM-230	1.21	0.62	PCI/G
SC-19812-S	4/5/2000	THORIUM-230	2.52	0.64	PCI/G
SC-19812-S-HS01	4/5/2000	THORIUM-230	73	0.64	PCI/G
SC-19812-S-HS02	4/5/2000	THORIUM-230	24	0.64	PCI/G
SC-19812-S-RS01	4/10/2000	THORIUM-230	0.91	0.64	PCI/G
SC-19812-S-RS02	4/10/2000	THORIUM-230	0 89	0.62	PCI/G
SC-19813-S	4/5/2000	THORIUM-230	0.9	0.64	PCI/G
SC-19816-S-HS01	4/5/2000	THORIUM-230	6 11	0.64	PCI/G
SC-19817-S	3/31/2000	THORIUM-230	2.98	0.64	PCI/G
SC-19818-S	4/5/2000	THORIUM-230	0.92	0.64	PCI/G
SC-19901-S	8/3/1999	THORIUM-230	1.21	0.64	PCI/G
SC-19902-S	8/3/1999	THORIUM-230	1 17	0.64	PCI/G
SC-19903-S	8/30/1999	THORIUM-230	1.61	0.64	PCI/G
SC-19904-S	7/30/1999	THORIUM-230	1.08	0.64	PCI/G
SC-19905-S	8/3/1999	THORIUM-230	3.08	0.64	PCI/G
SC-19906-S	8/3/1999	THORIUM-230	1.34	0.64	PCI/G
SC-19907-S	7/30/1999	THORIUM-230	1.02	0.64	PCI/G
SC-19908-S	7/30/1999	THORIUM-230	5.1	0.62	PCI/G
SC-19909-S	8/3/1999	THORIUM-230	3.13	0.64	PCI/G
SC-19910-S	8/3/1999	THORIUM-230	0.8	0.64	PCI/G
SC-19911-S	7/30/1999	THORIUM-230	1.13	0.62	PCI/G
SC-19912-S	3/31/2000	THORIUM-230	0.83	0.64	PCI/G
SC-19913-S	8/3/1999	THORIUM-230	0.96	0.64	PCI/G
SC-19914-S	8/3/1999	THORIUM-230	1.2	0.64	PCI/G
SC-19915-S	3/31/2000	THORIUM-230	1.36	0.64	PCI/G
SC-19916-S	3/31/2000	THORIUM-230	1.49	0.64	PCI/G
SC-19917-S	8/3/1999	THORIUM-230	0.94	0 64	PCI/G
SC-19918-S	3/31/2000	THORIUM-230	0.95	0.64	PCI/G
SC-19919-S	3/31/2000	THORIUM-230	0.84	0.64	PCI/G
SC-19920-S	3/31/2000	THORIUM-230	2 36	0.64	PCI/G
SC-19920-S-HS01	4/5/2000	THORIUM-230	45 1	0.62	PCI/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19920-S-HS02	4/5/2000	THORIUM-230	26.5	0.64	PCI/G
SC-19920-S-RS01	4/14/2000	THORIUM-230	1.84	0.64	PCI/G
SC-19920-S-RS02	4/14/2000	THORIUM-230	1.63	0.64	PCI/G
SC-20001-S	8/3/1999	THORIUM-230	7.11	0.64	PCI/G
SC-20001-S-RS	8/19/1999	THORIUM-230	3.14	0.62	PCI/G
SC-20002-S	8/3/1999	THORIUM-230	2.6	0.64	PCI/G
SC-20003-S	8/3/1999	THORIUM-230	1.77	0.64	PCI/G
SC-20004-S	8/3/1999	THORIUM-230	0.88	0.64	PCI/G
SC-20005-S	8/3/1999	THORIUM-230	1.08	0.64	PCI/G
SC-20006-S	8/31/1999	THORIUM-230	2.92	0.64	PCI/G
SC-20007-S	8/3/1999	THORIUM-230	2.96	0.64	PCI/G
SC-20008-S	8/3/1999	THORIUM-230	3.57	0.64	PCI/G
SC-20009-S	8/3/1999	THORIUM-230	1.51	0.64	PCI/G
SC-20010-S	8/3/1999	THORIUM-230	1.4	0.64	PCI/G
SC-20011-S	8/26/1999	THORIUM-230	5.83	0.64	PCI/G
SC-20012-S	8/26/1999	THORIUM-230	19.4	0.65	PCI/G
SC-20012-S-RS	9/8/1999	THORIUM-230	4.62	0.64	PCI/G
SC-20013-S	8/3/1999	THORIUM-230	3.95	0.64	PCI/G
SC-20013-S-RS01	9/8/1999	THORIUM-230	3.19	0.64	PCI/G
SC-20014-S	8/3/1999	THORIUM-230	1.58	0.64	PCI/G
SC-20015-S	8/3/1999	THORIUM-230	1.22	0.64	PCI/G
SC-20016-S	8/26/1999	THORIUM-230	2.02	0.64	PCI/G
SC-20017-S	8/26/1999	THORIUM-230	3.1	0.64	PCI/G
SC-20018-S	8/3/1999	THORIUM-230	6.17	0.64	PCI/G
SC-20019-S	8/3/1999	THORIUM-230	1.43	0.64	PCI/G
SC-20020-S	8/3/1999	THORIUM-230	1.36	0.64	PCI/G
SC-20101-C	6/30/1999	THORIUM-230	1.76	0.64	PCI/G
SC-20102-S	6/30/1999	THORIUM-230	2.19	0.65	PCI/G
SC-20103-S	6/30/1999	THORIUM-230	1.74	0.64	PCI/G
SC-20105-S	6/30/1999	THORIUM-230	1.79	0.62	PCI/G
SC-20106-S	6/30/1999	THORIUM-230	1.87	0.64	PCI/G
SC-20107-S	6/30/1999	THORIUM-230	3.01	0.65	PCI/G
SC-20108-C	6/30/1999	THORIUM-230	1.37	0.64	PCI/G
SC-20109-S	6/30/1999	THORIUM-230	2.02	0.62	PCI/G
SC-20110-S	6/30/1999	THORIUM-230	1.71	0.64	PCI/G
SC-20111-S	6/30/1999	THORIUM-230	2.83	0.65	PCI/G
SC-20113-S	6/30/1999	THORIUM-230	1.45	0.64	PCI/G
SC-20114-S	6/30/1999	THORIUM-230	1.15	0.62	PCI/G
SC-20115-S	6/30/1999	THORIUM-230	2.45	0.64	PCI/G
SC-20116-S	6/30/1999	THORIUM-230	11.5	0.62	PCI/G
SC-20116-S-RS	7/10/1999	THORIUM-230	1.86	0.65	PCI/G
SC-20117-C	6/30/1999	THORIUM-230	1.1	0.64	PCI/G
SC-20119-S	7/19/1999	THORIUM-230	1.71	0.65	PCI/G
SC-20120-S	7/19/1999	THORIUM-230	1.75	0.62	PCI/G
SC-20121-S	6/30/1999	THORIUM-230	2.53	0.65	PCI/G
SC-20124-C	7/19/1999	THORIUM-230	1.52	0.66	PCI/G
SC-20125-C	6/30/1999	THORIUM-230	1.15	0.64	PCI/G
SC-20201-S	6/30/1999	THORIUM-230	2.24	0.62	PCI/G
SC-20202-S	6/30/1999	THORIUM-230	1.27	0.64	PCI/G
SC-20204-S	6/30/1999	THORIUM-230	3.62	0.64	PCI/G
SC-20205-S	6/30/1999	THORIUM-230	1.16	0.65	PCI/G
SC-20206-S	6/30/1999	THORIUM-230	1.51	0.64	PCI/G
SC-20207-S	6/30/1999	THORIUM-230	1.52	0.62	PCI/G
SC-20208-S	6/30/1999	THORIUM-230	3.35	0.64	PCI/G
SC-20209-S	6/30/1999	THORIUM-230	7.7	0.65	PCI/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20209-S-RS	7/10/1999	THORIUM-230	1.83	0.62	PCI/G
SC-20210-S	6/30/1999	THORIUM-230	3.2	0.64	PCI/G
SC-20211-S	6/30/1999	THORIUM-230	1.26	0.62	PCI/G
SC-20212-S	6/30/1999	THORIUM-230	1.37	0.64	PCI/G
SC-20213-S	6/30/1999	THORIUM-230	2.73	0.65	PCI/G
SC-20214-S	6/30/1999	THORIUM-230	2.07	0.64	PCI/G
SC-20215-S	6/30/1999	THORIUM-230	2.71	0.65	PCI/G
SC-20216-S	6/30/1999	THORIUM-230	2.56	0.64	PCI/G
SC-20218-S	7/19/1999	THORIUM-230	1.24	0.64	PCI/G
SC-20219-S	7/19/1999	THORIUM-230	2	0.65	PCI/G
SC-20220-C	7/19/1999	THORIUM-230	1.78	0.62	PCI/G
SC-20301-S	8/26/1999	THORIUM-230	1.78	0.64	PCI/G
SC-20302-S	8/26/1999	THORIUM-230	1.33	0.64	PCI/G
SC-20303-S	8/26/1999	THORIUM-230	1.7	0.64	PCI/G
SC-20304-S	8/5/1999	THORIUM-230	2.47	0.64	PCI/G
SC-20305-S	8/31/1999	THORIUM-230	1.45	0.64	PCI/G
SC-20306-S	8/26/1999	THORIUM-230	2.63	0.65	PCI/G
SC-20307-S	8/26/1999	THORIUM-230	7.38	0.64	PCI/G
SC-20307-S-RS	9/8/1999	THORIUM-230	9.07	0.62	PCI/G
SC-20307-S-RS2	9/13/1999	THORIUM-230	4.47	0.64	PCI/G
SC-20308-S	8/31/1999	THORIUM-230	1.52	0.65	PCI/G
SC-20309-S	6/30/1999	THORIUM-230	1.78	0 65	PCI/G
SC-20310-S	6/30/1999	THORIUM-230	2.87	0.65	PCI/G
SC-20311-S	8/31/1999	THORIUM-230	2.74	0.64	PCI/G
SC-20312-S	8/26/1999	THORIUM-230	1.53	0.64	PCI/G
SC-20313-S	6/30/1999	THORIUM-230	3.53	0.65	PCI/G
SC-20314-S	6/30/1999	THORIUM-230	3.75	0.64	PCI/G
SC-20315-S	6/30/1999	THORIUM-230	2.46	0.62	PCI/G
SC-20316-S	8/31/1999	THORIUM-230	2.45	0.64	PCI/G
SC-20317-S	7/19/1999	THORIUM-230	4.71	0.66	PCI/G
SC-20401-S	8/31/1999	THORIUM-230	2.13	0.64	PCI/G
SC-20402-S	8/26/1999	THORIUM-230	2.82	0.64	PCI/G
SC-20403-S	8/26/1999	THORIUM-230	1.72	0.64	PCI/G
SC-20404-S	8/3/1999	THORIUM-230	0.96	0.64	PCI/G
SC-20405-S	8/3/1999	THORIUM-230	0.96	0.64	PCI/G
SC-20406-S	8/31/1999	THORIUM-230	1.81	0.65	PCI/G
SC-20407-S	8/31/1999	THORIUM-230	0.98	0.64	PCI/G
SC-20408-S	8/26/1999	THORIUM-230	1.86	0.64	PCI/G
SC-20409-S	8/26/1999	THORIUM-230	1.28	0.65	PCI/G
SC-20410-S	8/26/1999	THORIUM-230	4.12	0.64	PCI/G
SC-20412-S	8/31/1999	THORIUM-230	3.12	0.64	PCI/G
SC-20413-S	8/26/1999	THORIUM-230	1.31	0.64	PCI/G
SC-20414-S	8/26/1999	THORIUM-230	1.71	0.64	PCI/G
SC-20414-S-RS	3/24/2000	THORIUM-230	1.15	0.64	PCI/G
SC-20415-S	8/26/1999	THORIUM-230	169	0.65	PCI/G
SC-20415-S-RS	3/24/2000	THORIUM-230	0.95	0.65	PCI/G
SC-20417-S	8/31/1999	THORIUM-230	1.03	0.64	PCI/G
SC-20418-S	8/31/1999	THORIUM-230	1.15	0.65	PCI/G
SC-20419-S	3/17/2000	THORIUM-230	1.41	0.64	PCI/G
SC-20420-S	3/17/2000	THORIUM-230	0.98	0.65	PCI/G
SC-20501-U	4/26/2000	THORIUM-230	0.88	0.64	PCI/G
SC-20503-S	8/26/1999	THORIUM-230	5.28	0.64	PCI/G
SC-20503-S-RS	3/24/2000	THORIUM-230	1.01	0.64	PCI/G
SC-20504-S	3/31/2000	THORIUM-230	1.16	0.64	PCI/G
SC-20505-S	3/31/2000	THORIUM-230	1.88	0 64	PCI/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20506-S	3/31/2000	THORIUM-230	21.4	0.64	PCI/G
SC-20506-S-RS	4/14/2000	THORIUM-230	1.35	0.62	PCI/G
SC-20510-S	3/17/2000	THORIUM-230	0.8	0.64	PCI/G
SC-20511-S	3/17/2000	THORIUM-230	1.21	0.62	PCI/G
SC-20512-S	3/17/2000	THORIUM-230	1.13	0.64	PCI/G
SC-20515-S	3/17/2000	THORIUM-230	1.08	0.65	PCI/G
SC-20516-S	3/17/2000	THORIUM-230	1.29	0.64	PCI/G
SC-20517-S	3/17/2000	THORIUM-230	1.32	0.64	PCI/G
SC-20518-S	3/17/2000	THORIUM-230	0.89	0.65	PCI/G
SC-20519-S	3/17/2000	THORIUM-230	20.2	0.64	PCI/G
SC-20519-S-RS	3/28/2000	THORIUM-230	1	0.64	PCI/G
SC-20702-S	3/29/2000	THORIUM-230	1.08	0.64	PCI/G
SC-20705-S	3/29/2000	THORIUM-230	1.07	0.64	PCI/G
SC-20706-S	3/29/2000	THORIUM-230	0.87	0.64	PCI/G
SC-20815-S-HS01	4/5/2000	THORIUM-230	40.9	0.64	PCI/G
SC-20815-S-HS02	4/5/2000	THORIUM-230	73.8	0.62	PCI/G
SC-20815-S-RS01	4/10/2000	THORIUM-230	12	0.64	PCI/G
C-20815-S-RS01-R	4/26/2000	THORIUM-230	0.73	0.64	PCI/G
SC-20815-S-RS02	4/10/2000	THORIUM-230	4.91	0.62	PCI/G
SC-20905-S	4/19/2000	THORIUM-230	1.12	0.64	PCI/G
SC-20906-S	4/19/2000	THORIUM-230	0.89	0.64	PCI/G
SC-20908-S	4/26/2000	THORIUM-230	1.06	0.64	PCI/G
SC-20909-S	4/19/2000	THORIUM-230	0.91	0.62	PCI/G
SC-20910-S	4/19/2000	THORIUM-230	1.14	0.62	PCI/G
SC-20913-S	4/19/2000	THORIUM-230	0.83	0.64	PCI/G
SC-20914-S	4/26/2000	THORIUM-230	0.92	0.64	PCI/G
SC-20917-S	4/26/2000	THORIUM-230	0.87	0.64	PCI/G
SC-20918-C	4/26/2000	THORIUM-230	1.34	0.64	PCI/G
SC-20918-S	4/26/2000	THORIUM-230	1.03	0.64	PCI/G
SC-21001-S	4/6/1999	THORIUM-230	11.9	0.62	PCI/G
SC-21001-S-RS	6/2/1999	THORIUM-230	1.07	0.64	PCI/G
SC-21002-S	4/6/1999	THORIUM-230	1.01	0.62	PCI/G
SC-21003-S	4/6/1999	THORIUM-230	0.94	0.62	PCI/G
SC-21004-S	4/6/1999	THORIUM-230	0.78	0.62	PCI/G
SC-21004-S-RS	3/13/2000	THORIUM-230	0.92	0.65	PCI/G
SC-21005-S-RS	3/13/2000	THORIUM-230	1.29	0.64	PCI/G
SC-21006-S	4/6/1999	THORIUM-230	19.5	0.62	PCI/G
SC-21006-S-RS	6/2/1999	THORIUM-230	1.16	0.65	PCI/G
SC-21007-S	4/6/1999	THORIUM-230	1.18	0.62	PCI/G
SC-21008-S	4/6/1999	THORIUM-230	1.03	0.62	PCI/G
SC-21009-S	4/6/1999	THORIUM-230	1	0.62	PCI/G
SC-21010-S-RS	3/13/2000	THORIUM-230	1.05	0.65	PCI/G
SC-21011-S	4/6/1999	THORIUM-230	0.95	0.62	PCI/G
SC-21012-S	4/6/1999	THORIUM-230	1.04	0.62	PCI/G
SC-21013-S	4/2/1999	THORIUM-230	2.44	0.62	PCI/G
SC-21014-S	4/2/1999	THORIUM-230	15.6	0.62	PCI/G
SC-21014-S-RS	6/2/1999	THORIUM-230	0.99	0.62	PCI/G
SC-21015-S	4/2/1999	THORIUM-230	0.97	0.62	PCI/G
SC-21016-S	4/2/1999	THORIUM-230	4.9	0.62	PCI/G
SC-21017-S	4/2/1999	THORIUM-230	6.81	0.62	PCI/G
SC-21017-S-RS	6/2/1999	THORIUM-230	1.02	0.64	PCI/G
SC-21018-S	4/2/1999	THORIUM-230	1.69	0.62	PCI/G
SC-21019-S	4/2/1999	THORIUM-230	2.45	0.62	PCI/G
SC-21020-S	4/2/1999	THORIUM-230	0.95	0.62	PCI/G
SC-21101-S	3/29/2000	THORIUM-230	0.99	0.64	PCI/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21102-S	3/29/2000	THORIUM-230	0.96	0.64	PCI/G
SC-21103-S	3/29/2000	THORIUM-230	0.97	0.64	PCI/G
SC-21104-S	4/6/1999	THORIUM-230	3.87	0.62	PCI/G
SC-21105-S	4/6/1999	THORIUM-230	55	0.62	PCI/G
SC-21105-S-RS	6/2/1999	THORIUM-230	1.04	0.64	PCI/G
SC-21106-S	3/29/2000	THORIUM-230	0.91	0.64	PCI/G
SC-21107-S	4/2/1999	THORIUM-230	6.36	0.62	PCI/G
SC-21107-S-RS	4/12/2000	THORIUM-230	1.28	0.62	PCI/G
SC-21108-S	6/15/1999	THORIUM-230	1.33	0.65	PCI/G
SC-21109-S	4/6/1999	THORIUM-230	15.4	0.62	PCI/G
SC-21109-S-RS	6/2/1999	THORIUM-230	1.22	0.65	PCI/G
SC-21110-S	4/6/1999	THORIUM-230	11 1	0.62	PCI/G
SC-21110-S-RS	6/2/1999	THORIUM-230	1.02	0.62	PCI/G
SC-21111-S	4/2/1999	THORIUM-230	3.54	0.62	PCI/G
SC-21112-S	4/2/1999	THORIUM-230	5.68	0.62	PCI/G
SC-21113-S	4/2/1999	THORIUM-230	5.79	0.62	PCI/G
SC-21114-S	4/2/1999	THORIUM-230	4.3	0.62	PCI/G
SC-21115-S	4/2/1999	THORIUM-230	10.7	0.62	PCI/G
SC-21115-S-RS	6/2/1999	THORIUM-230	1.03	0.64	PCI/G
SC-21116-S	4/1/1999	THORIUM-230	0.99	0.62	PCI/G
SC-21117-S	4/2/1999	THORIUM-230	1.58	0.62	PCI/G
SC-21118-S	4/2/1999	THORIUM-230	1.87	0.62	PCI/G
SC-21119-S	4/2/1999	THORIUM-230	1.15	0.62	PCI/G
SC-21120-S	4/2/1999	THORIUM-230	17 5	0.62	PCI/G
SC-21120-S-RS	6/2/1999	THORIUM-230	0.96	0.64	PCI/G
SC-21201-S	3/17/2000	THORIUM-230	3.86	0.62	PCI/G
SC-21201-U	4/14/2000	THORIUM-230	1.46	0.64	PCI/G
SC-21202-S	3/17/2000	THORIUM-230	1.05	0.64	PCI/G
SC-21203-S	3/17/2000	THORIUM-230	0.85	0.65	PCI/G
SC-21204-S	3/17/2000	THORIUM-230	15 4	0.64	PCI/G
SC-21204-S-RS	3/28/2000	THORIUM-230	0.91	0.64	PCI/G
SC-21205-S	3/29/2000	THORIUM-230	1.01	0.64	PCI/G
SC-21206-S	3/17/2000	THORIUM-230	1.92	0.62	PCI/G
SC-21207-S	3/17/2000	THORIUM-230	11.5	0.64	PCI/G
SC-21207-S-RS	3/28/2000	THORIUM-230	0.96	0.64	PCI/G
SC-21208-S	3/17/2000	THORIUM-230	4.31	0.65	PCI/G
SC-21209-S	3/17/2000	THORIUM-230	7 06	0.64	PCI/G
SC-21209-S-HS01	3/27/2000	THORIUM-230	0.87	0.64	PCI/G
SC-21209-S-HS02	3/27/2000	THORIUM-230	0.76	0.64	PCI/G
SC-21209-S-HS03	3/27/2000	THORIUM-230	0.96	0.64	PCI/G
SC-21209-S-HS04	3/27/2000	THORIUM-230	1	0.64	PCI/G
SC-21210-S	3/29/2000	THORIUM-230	1.48	0.64	PCI/G
SC-21211-S	3/17/2000	THORIUM-230	1.02	0.62	PCI/G
SC-21212-S	3/17/2000	THORIUM-230	1.1	0.64	PCI/G
SC-21213-S	3/17/2000	THORIUM-230	1.04	0.65	PCI/G
SC-21214-S	3/24/2000	THORIUM-230	0.8	0.62	PCI/G
SC-21215-S	3/24/2000	THORIUM-230	1.07	0.64	PCI/G
SC-21216-S	3/17/2000	THORIUM-230	0.94	0.64	PCI/G
SC-21217-S	3/24/2000	THORIUM-230	0.9	0.65	PCI/G
SC-21218-S	3/24/2000	THORIUM-230	0.88	0.64	PCI/G
SC-21219-S	3/24/2000	THORIUM-230	0.8	0.62	PCI/G
SC-21220-S	4/1/1999	THORIUM-230	0 91	0.62	PCI/G
SC-21305-S	3/17/2000	THORIUM-230	0.78	0.65	PCI/G
SC-21306-S	3/17/2000	THORIUM-230	3.61	0.64	PCI/G
SC-21313-S	3/17/2000	THORIUM-230	1.06	0.62	PCI/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21319-S	3/17/2000	THORIUM-230	1.26	0.64	PCI/G
SC-21501-S	3/24/2000	THORIUM-230	1.4	0.64	PCI/G
SC-21502-S	4/1/1999	THORIUM-230	0.81	0.62	PCI/G
SC-21503-S	4/1/1999	THORIUM-230	1.2	0.62	PCI/G
SC-21504-S	4/1/1999	THORIUM-230	0.91	0.62	PCI/G
SC-21505-S	4/1/1999	THORIUM-230	1.06	0.62	PCI/G
SC-21506-S	4/1/1999	THORIUM-230	0.99	0.62	PCI/G
SC-21507-S	4/1/1999	THORIUM-230	1.05	0.62	PCI/G
SC-21508-S	4/1/1999	THORIUM-230	1.1	0.62	PCI/G
SC-21509-S	4/1/1999	THORIUM-230	0.92	0.62	PCI/G
SC-21510-S	4/1/1999	THORIUM-230	1.12	0.62	PCI/G
SC-21511-S	4/1/1999	THORIUM-230	1.18	0.62	PCI/G
SC-21512-S	4/1/1999	THORIUM-230	3.85	0.62	PCI/G
SC-21513-S	4/1/1999	THORIUM-230	1.14	0.62	PCI/G
SC-21514-S	4/1/1999	THORIUM-230	1.03	0.62	PCI/G
SC-21515-S	4/1/1999	THORIUM-230	1.37	0.62	PCI/G
SC-21516-S	4/1/1999	THORIUM-230	1.24	0.62	PCI/G
SC-21518-S	4/1/1999	THORIUM-230	1.26	0.62	PCI/G
SC-21519-S	4/1/1999	THORIUM-230	1.02	0.62	PCI/G
SC-21520-S	4/1/1999	THORIUM-230	0.92	0.62	PCI/G
SC-21601-S	4/1/1999	THORIUM-230	0.99	0.62	PCI/G
SC-21602-S	4/2/1999	THORIUM-230	5.89	0.62	PCI/G
SC-21603-S	4/2/1999	THORIUM-230	13.2	0.62	PCI/G
SC-21603-S-RS	6/2/1999	THORIUM-230	0.87	0.65	PCI/G
SC-21604-S	4/2/1999	THORIUM-230	1.9	0.62	PCI/G
SC-21605-S	4/2/1999	THORIUM-230	6.2	0.62	PCI/G
SC-21605-S-RS	6/2/1999	THORIUM-230	0.91	0.62	PCI/G
SC-21606-S	4/1/1999	THORIUM-230	1.46	0.62	PCI/G
SC-21607-S	4/2/1999	THORIUM-230	1.3	0.62	PCI/G
SC-21608-S	4/2/1999	THORIUM-230	2.23	0.62	PCI/G
SC-21609-S	4/2/1999	THORIUM-230	3.07	0.62	PCI/G
SC-21610-S	4/2/1999	THORIUM-230	7.25	0.62	PCI/G
SC-21610-S-RS	6/2/1999	THORIUM-230	1.11	0.64	PCI/G
SC-21611-S	4/1/1999	THORIUM-230	0.84	0.62	PCI/G
SC-21612-S	4/1/1999	THORIUM-230	1.32	0.62	PCI/G
SC-21613-S	4/2/1999	THORIUM-230	1.89	0.62	PCI/G
SC-21614-S	4/2/1999	THORIUM-230	3.79	0.62	PCI/G
SC-21615-S	4/2/1999	THORIUM-230	7.37	0.62	PCI/G
SC-21615-S-RS	6/2/1999	THORIUM-230	1.76	0.64	PCI/G
SC-21616-S	4/1/1999	THORIUM-230	1.27	0.62	PCI/G
SC-21617-S	4/1/1999	THORIUM-230	1.38	0.62	PCI/G
SC-21618-S	4/2/1999	THORIUM-230	3.48	0.62	PCI/G
SC-21619-S	4/2/1999	THORIUM-230	3.12	0.62	PCI/G
SC-21620-S	4/2/1999	THORIUM-230	1.29	0.62	PCI/G
SC-21701-S	4/2/1999	THORIUM-230	5.69	0.62	PCI/G
SC-21702-S	4/2/1999	THORIUM-230	5.31	0.62	PCI/G
SC-21703-S	4/2/1999	THORIUM-230	3.87	0.62	PCI/G
SC-21704-S	4/2/1999	THORIUM-230	1.52	0.62	PCI/G
SC-21705-S	4/2/1999	THORIUM-230	0.95	0.62	PCI/G
SC-21706-S	4/2/1999	THORIUM-230	2.3	0.62	PCI/G
SC-21707-S	4/2/1999	THORIUM-230	3.86	0.62	PCI/G
SC-21708-S	4/2/1999	THORIUM-230	2.92	0.62	PCI/G
SC-21709-S	4/2/1999	THORIUM-230	1.49	0.62	PCI/G
SC-21710-S	4/2/1999	THORIUM-230	1.31	0.62	PCI/G
SC-21711-S	4/2/1999	THORIUM-230	8.55	0.62	PCI/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21711-S-RS	6/2/1999	THORIUM-230	1.05	0.65	PCI/G
SC-21712-S	4/2/1999	THORIUM-230	1.61	0.62	PCI/G
SC-21713-S	4/2/1999	THORIUM-230	1.67	0.62	PCI/G
SC-21714-S	4/2/1999	THORIUM-230	0.99	0.62	PCI/G
SC-21716-S	4/2/1999	THORIUM-230	1.55	0.62	PCI/G
SC-21717-S	4/2/1999	THORIUM-230	1.34	0.62	PCI/G
SC-21801-S	4/1/1999	THORIUM-230	1.21	0.62	PCI/G
SC-21802-S	4/1/1999	THORIUM-230	1.46	0.62	PCI/G
SC-21803-S	4/2/1999	THORIUM-230	1.19	0.62	PCI/G
SC-21804-S	4/2/1999	THORIUM-230	1.38	0.62	PCI/G
SC-21805-S	4/2/1999	THORIUM-230	1.01	0.62	PCI/G
SC-21810-S	4/1/1999	THORIUM-230	1 42	0.62	PCI/G
SC-21811-S	4/1/1999	THORIUM-230	0.92	0.62	PCI/G
SC-21812-S	4/2/1999	THORIUM-230	1.14	0.62	PCI/G
SC-21817-S	4/1/1999	THORIUM-230	0.88	0.62	PCI/G
SC-22002-S	3/16/1999	THORIUM-230	1.09	0.62	PCI/G
SC-22004-S	3/2/1999	THORIUM-230	1	0 62	PCI/G
SC-22005-S	3/16/1999	THORIUM-230	1.19	0.62	PCI/G
SC-22006-S	3/16/1999	THORIUM-230	0.99	0.62	PCI/G
SC-22007-S	3/16/1999	THORIUM-230	0.92	0.62	PCI/G
SC-22008-S	3/16/1999	THORIUM-230	1.25	0.62	PCI/G
SC-22009-S	3/16/1999	THORIUM-230	1.35	0.62	PCI/G
SC-22010-S	3/16/1999	THORIUM-230	1 61	0.62	PCI/G
SC-22011-S	3/16/1999	THORIUM-230	1 18	0.62	PCI/G
SC-22012-S	3/2/1999	THORIUM-230	1 15	0.62	PCI/G
SC-22013-S	3/2/1999	THORIUM-230	1 48	0.62	PCI/G
SC-22014-S	3/16/1999	THORIUM-230	1.44	0.62	PCI/G
SC-22015-S	3/16/1999	THORIUM-230	1 3	0.62	PCI/G
SC-22016-S	3/16/1999	THORIUM-230	1.5	0.62	PCI/G
SC-22017-S	3/16/1999	THORIUM-230	1.37	0.62	PCI/G
SC-22018-S	3/16/1999	THORIUM-230	1.44	0.62	PCI/G
SC-22019-C	3/16/1999	THORIUM-230	1.03	0.62	PCI/G
SC-22022-S	3/16/1999	THORIUM-230	1 23	0.62	PCI/G
SC-22023-S	3/16/1999	THORIUM-230	1.22	0.62	PCI/G
SC-22024-S	3/16/1999	THORIUM-230	1.62	0.62	PCI/G
SC-22025-S	3/16/1999	THORIUM-230	1 35	0.62	PCI/G
SC-22026-C	3/16/1999	THORIUM-230	1 28	0.62	PCI/G
SC-22029-C	3/16/1999	THORIUM-230	1 18	0.62	PCI/G
SC-22030-S	3/16/1999	THORIUM-230	1 03	0.62	PCI/G
SC-22031-C	3/16/1999	THORIUM-230	1.57	0.62	PCI/G
SC-18901-S	7/30/1999	URANIUM-238	1.395	2.79	PCI/G
SC-18902-S	6/7/2000	URANIUM-238	1 165	2.33	PCI/G
SC-18903-S	6/7/2000	URANIUM-238	1.245	2.49	PCI/G
SC-18904-S	6/7/2000	URANIUM-238	1.095	2.19	PCI/G
SC-18905-S	4/17/2000	URANIUM-238	1.245	2.49	PCI/G
SC-18906-S	7/30/1999	URANIUM-238	1.285	2.57	PCI/G
SC-18907-S	6/7/2000	URANIUM-238	1.165	2.33	PCI/G
SC-18908-S	6/7/2000	URANIUM-238	1 15	2.3	PCI/G
SC-18909-S	9/30/1999	URANIUM-238	1 3	2.6	PCI/G
SC-18909-S-RS	6/7/2000	URANIUM-238	1.09	2.18	PCI/G
SC-18910-C	4/17/2000	URANIUM-238	1.385	2.77	PCI/G
SC-18910-S	4/17/2000	URANIUM-238	1 185	2.37	PCI/G
SC-18911-S	7/30/1999	URANIUM-238	1.27	2.54	PCI/G
SC-18912-S	7/30/1999	URANIUM-238	1.225	2.45	PCI/G
SC-18913-S	6/5/2000	URANIUM-238	1.12	2.24	PCI/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-18914-S	9/30/1999	URANIUM-238	1.775	3.55	PCI/G
SC-18914-S-RS	10/5/1999	URANIUM-238	1.47	2.94	PCI/G
SC-18915-S	4/17/2000	URANIUM-238	1.37	2.74	PCI/G
SC-18916-S	7/30/1999	URANIUM-238	1.33	2.66	PCI/G
SC-18917-S	7/30/1999	URANIUM-238	1.225	2.45	PCI/G
SC-18918-S	7/30/1999	URANIUM-238	1.25	2.5	PCI/G
SC-18919-S	9/30/1999	URANIUM-238	1.91	3.82	PCI/G
SC-18919-S-RS	10/5/1999	URANIUM-238	1.265	2.53	PCI/G
SC-18920-C	6/5/2000	URANIUM-238	1.135	2.27	PCI/G
SC-18920-S	6/5/2000	URANIUM-238	1.015	2.03	PCI/G
SC-18921-S	7/30/1999	URANIUM-238	1.215	2.43	PCI/G
SC-18922-S	7/30/1999	URANIUM-238	1.24	2.48	PCI/G
SC-18923-S	7/30/1999	URANIUM-238	1.395	2.79	PCI/G
SC-18924-C	4/6/2000	URANIUM-238	1.585	3.17	PCI/G
SC-18924-S	9/30/1999	URANIUM-238	1.225	2.45	PCI/G
SC-18924-S-RS	10/5/1999	URANIUM-238	1.315	2.63	PCI/G
SC-18925-C	6/5/2000	URANIUM-238	1.81	1.85	PCI/G
SC-18925-S	5/12/2000	URANIUM-238	1.24	2.48	PCI/G
SC-19001-S	8/4/1999	URANIUM-238	1.31	2.62	PCI/G
SC-19002-S	8/4/1999	URANIUM-238	3.54	2.34	PCI/G
SC-19003-S	11/9/1999	URANIUM-238	1.455	2.91	PCI/G
SC-19004-S	7/30/1999	URANIUM-238	1.375	2.75	PCI/G
SC-19005-S	7/30/1999	URANIUM-238	1.43	2.86	PCI/G
SC-19006-S	8/3/1999	URANIUM-238	1.44	2.88	PCI/G
SC-19007-S	8/3/1999	URANIUM-238	1.275	2.55	PCI/G
SC-19008-S	7/30/1999	URANIUM-238	1.32	2.64	PCI/G
SC-19009-S	7/30/1999	URANIUM-238	1.19	2.38	PCI/G
SC-19010-S	7/30/1999	URANIUM-238	1.3	2.6	PCI/G
SC-19011-S	8/3/1999	URANIUM-238	1.365	2.73	PCI/G
SC-19012-S	8/3/1999	URANIUM-238	1.285	2.57	PCI/G
SC-19013-S	7/30/1999	URANIUM-238	1.18	2.36	PCI/G
SC-19014-S	7/30/1999	URANIUM-238	1.295	2.59	PCI/G
SC-19015-S	7/30/1999	URANIUM-238	1.29	2.58	PCI/G
SC-19016-S	8/3/1999	URANIUM-238	13.6	5.37	PCI/G
SC-19017-S	8/3/1999	URANIUM-238	1.51	3.02	PCI/G
SC-19018-S	7/30/1999	URANIUM-238	1.265	2.53	PCI/G
SC-19019-S	7/30/1999	URANIUM-238	1.235	2.47	PCI/G
SC-19020-S	7/30/1999	URANIUM-238	1.25	2.5	PCI/G
SC-19021-C	8/3/1999	URANIUM-238	1.26	2.52	PCI/G
SC-19021-S	8/3/1999	URANIUM-238	1.29	2.58	PCI/G
SC-19021-S-HS01	8/18/1999	URANIUM-238	19.8	6.73	PCI/G
SC-19021-S-RS01	8/19/1999	URANIUM-238	1.33	2.66	PCI/G
SC-19022-S	8/3/1999	URANIUM-238	1.27	2.54	PCI/G
SC-19022-S-HS01	8/18/1999	URANIUM-238	2.485	4.97	PCI/G
SC-19022-S-RS01	8/19/1999	URANIUM-238	1.225	2.45	PCI/G
SC-19023-S	7/30/1999	URANIUM-238	1.26	2.52	PCI/G
SC-19023-S-HS01	8/18/1999	URANIUM-238	2.065	4.13	PCI/G
SC-19023-S-RS01	8/19/1999	URANIUM-238	1.365	2.73	PCI/G
SC-19024-S	7/30/1999	URANIUM-238	1.365	2.73	PCI/G
SC-19025-S	7/30/1999	URANIUM-238	1.315	2.63	PCI/G
SC-19101-S	8/4/1999	URANIUM-238	8.73	4.05	PCI/G
SC-19102-S	8/4/1999	URANIUM-238	1.39	2.78	PCI/G
SC-19103-S	8/4/1999	URANIUM-238	1.325	2.65	PCI/G
SC-19104-S	8/4/1999	URANIUM-238	1.365	2.73	PCI/G
SC-19105-S	8/4/1999	URANIUM-238	1.315	2.63	PCI/G

WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19106-S	8/5/1999	URANIUM-238	1.26	2.52	PCI/G
SC-19107-S	8/5/1999	URANIUM-238	2.29	4.58	PCI/G
SC-19108-S	8/5/1999	URANIUM-238	1.265	2.53	PCI/G
SC-19109-S	8/5/1999	URANIUM-238	1.325	2.65	PCI/G
SC-19110-S	8/5/1999	URANIUM-238	1.41	2.82	PCI/G
SC-19111-S	8/5/1999	URANIUM-238	1.315	2.63	PCI/G
SC-19112-S	8/5/1999	URANIUM-238	1.355	2.71	PCI/G
SC-19113-S	8/5/1999	URANIUM-238	1.33	2.66	PCI/G
SC-19114-S	8/5/1999	URANIUM-238	1.285	2.57	PCI/G
SC-19115-S	8/5/1999	URANIUM-238	1.36	2.72	PCI/G
SC-19116-S	8/5/1999	URANIUM-238	1.265	2.53	PCI/G
SC-19117-S	8/5/1999	URANIUM-238	1.355	2.71	PCI/G
SC-19118-S	8/5/1999	URANIUM-238	0.89	1.78	PCI/G
SC-19119-S	8/5/1999	URANIUM-238	1.31	2.62	PCI/G
SC-19120-S	8/5/1999	URANIUM-238	1.315	2.63	PCI/G
SC-19121-S	8/5/1999	URANIUM-238	1.33	2.66	PCI/G
SC-19122-S	8/5/1999	URANIUM-238	1.27	2.54	PCI/G
SC-19123-S	8/5/1999	URANIUM-238	1.33	2.66	PCI/G
SC-19124-S	8/5/1999	URANIUM-238	1.24	2.48	PCI/G
SC-19125-C	8/5/1999	URANIUM-238	1.38	2.76	PCI/G
SC-19125-S	8/5/1999	URANIUM-238	1.355	2.71	PCI/G
SC-19202-S	10/26/1999	URANIUM-238	1.29	2.58	PCI/G
SC-19203-S	10/26/1999	URANIUM-238	1.29	2.58	PCI/G
SC-19205-C	10/26/1999	URANIUM-238	1.385	2.77	PCI/G
SC-19205-S	10/26/1999	URANIUM-238	1.26	2.52	PCI/G
SC-19206-S	10/26/1999	URANIUM-238	1 24	2.48	PCI/G
SC-19207-S	8/4/1999	URANIUM-238	1.355	2.71	PCI/G
SC-19209-S	10/26/1999	URANIUM-238	1.255	2.51	PCI/G
SC-19210-S	8/4/1999	URANIUM-238	1.365	2 73	PCI/G
SC-19211-S	8/5/1999	URANIUM-238	1 35	2.7	PCI/G
SC-19213-C	10/26/1999	URANIUM-238	1.26	2.52	PCI/G
SC-19213-S	10/26/1999	URANIUM-238	1.36	2.72	PCI/G
SC-19214-S	8/4/1999	URANIUM-238	1.43	2.86	PCI/G
SC-19215-S	8/4/1999	URANIUM-238	1.29	2.58	PCI/G
SC-19216-S	8/5/1999	URANIUM-238	1.32	2.64	PCI/G
SC-19217-C	10/26/1999	URANIUM-238	1.3	2.6	PCI/G
SC-19218-S	10/26/1999	URANIUM-238	1.34	2.68	PCI/G
SC-19219-S	8/4/1999	URANIUM-238	1.275	2.55	PCI/G
SC-19220-S	8/5/1999	URANIUM-238	1.25	2.5	PCI/G
SC-19221-S	8/5/1999	URANIUM-238	1.27	2.54	PCI/G
SC-19223-S	10/26/1999	URANIUM-238	1.215	2.43	PCI/G
SC-19224-S	8/4/1999	URANIUM-238	1.43	2.86	PCI/G
SC-19225-S	8/5/1999	URANIUM-238	1.38	2.76	PCI/G
SC-19226-S	8/5/1999	URANIUM-238	1.32	2.64	PCI/G
SC-19227-S	8/5/1999	URANIUM-238	1.41	2.82	PCI/G
SC-19301-S	7/30/1999	URANIUM-238	1.59	3.18	PCI/G
SC-19302-S	7/30/1999	URANIUM-238	1.205	2.41	PCI/G
SC-19303-S	7/30/1999	URANIUM-238	1.32	2.64	PCI/G
SC-19304-S	4/6/2000	URANIUM-238	1.345	2.69	PCI/G
SC-19305-S	4/6/2000	URANIUM-238	1.805	3.61	PCI/G
SC-19306-S	7/30/1999	URANIUM-238	1.165	2.33	PCI/G
SC-19307-S	7/30/1999	URANIUM-238	1 26	2.52	PCI/G
SC-19308-S	7/30/1999	URANIUM-238	1.29	2.58	PCI/G
SC-19309-S	7/30/1999	URANIUM-238	1 54	3.08	PCI/G
SC-19309-S-RS2	4/6/2000	URANIUM-238	1.175	2.35	PCI/G

APPENDIX B WP-437 RU22 FINAL DATA

WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19310-S	4/6/2000	URANIUM-238	2.08	3.28	PCI/G
SC-19311-S	7/30/1999	URANIUM-238	3.14	2.77	PCI/G
SC-19312-S	7/30/1999	URANIUM-238	1.31	2.62	PCI/G
SC-19313-S	7/30/1999	URANIUM-238	1.285	2.57	PCI/G
SC-19314-S	7/30/1999	URANIUM-238	1.32	2.64	PCI/G
SC-19315-S	4/6/2000	URANIUM-238	1.205	2.41	PCI/G
SC-19316-S	7/30/1999	URANIUM-238	1.425	2.85	PCI/G
SC-19317-S	5/2/2000	URANIUM-238	1.12	2.24	PCI/G
SC-19318-S	5/2/2000	URANIUM-238	1.13	2.26	PCI/G
SC-19319-S	5/2/2000	URANIUM-238	1.23	2.46	PCI/G
SC-19320-C	4/6/2000	URANIUM-238	1.105	2.21	PCI/G
SC-19320-S	4/6/2000	URANIUM-238	1.145	2.29	PCI/G
SC-19401-S	8/3/1999	URANIUM-238	1.33	2.66	PCI/G
SC-19402-S	8/3/1999	URANIUM-238	1.28	2.56	PCI/G
SC-19403-S	7/30/1999	URANIUM-238	1.25	2.5	PCI/G
SC-19404-S	7/30/1999	URANIUM-238	1.235	2.47	PCI/G
SC-19405-S	7/30/1999	URANIUM-238	1.31	2.62	PCI/G
SC-19406-S	8/3/1999	URANIUM-238	1.37	2.74	PCI/G
SC-19407-S	8/3/1999	URANIUM-238	1.24	2.48	PCI/G
SC-19408-S	7/30/1999	URANIUM-238	1.345	2.69	PCI/G
SC-19409-S	7/30/1999	URANIUM-238	1.165	2.33	PCI/G
SC-19410-S	7/30/1999	URANIUM-238	1.355	2.71	PCI/G
SC-19411-S	8/3/1999	URANIUM-238	1.425	2.85	PCI/G
SC-19412-S	8/3/1999	URANIUM-238	1.315	2.63	PCI/G
SC-19413-S	7/30/1999	URANIUM-238	1.31	2.62	PCI/G
SC-19414-S	7/30/1999	URANIUM-238	1.29	2.58	PCI/G
SC-19415-S	7/30/1999	URANIUM-238	1.27	2.54	PCI/G
SC-19416-S	8/3/1999	URANIUM-238	1.31	2.62	PCI/G
SC-19417-S	8/3/1999	URANIUM-238	1.265	2.53	PCI/G
SC-19418-S	8/3/1999	URANIUM-238	1.29	2.58	PCI/G
SC-19419-S	8/3/1999	URANIUM-238	1.31	2.62	PCI/G
SC-19420-S	7/30/1999	URANIUM-238	3.2	2.78	PCI/G
SC-19501-S	8/5/1999	URANIUM-238	1.36	2.72	PCI/G
SC-19502-S	8/5/1999	URANIUM-238	1.265	2.53	PCI/G
SC-19503-S	8/5/1999	URANIUM-238	1.265	2.53	PCI/G
SC-19504-S	8/5/1999	URANIUM-238	1.215	2.43	PCI/G
SC-19505-S	8/5/1999	URANIUM-238	1.25	2.5	PCI/G
SC-19506-S	8/5/1999	URANIUM-238	3.92	2.84	PCI/G
SC-19507-S	8/5/1999	URANIUM-238	1.28	2.56	PCI/G
SC-19508-S	8/5/1999	URANIUM-238	1.31	2.62	PCI/G
SC-19509-S	8/5/1999	URANIUM-238	1.28	2.56	PCI/G
SC-19510-S	8/5/1999	URANIUM-238	1.285	2.57	PCI/G
SC-19511-S	8/5/1999	URANIUM-238	1.41	2.82	PCI/G
SC-19512-S	8/5/1999	URANIUM-238	1.35	2.7	PCI/G
SC-19513-S	8/5/1999	URANIUM-238	1.335	2.67	PCI/G
SC-19514-S	8/5/1999	URANIUM-238	1.265	2.53	PCI/G
SC-19515-S	8/5/1999	URANIUM-238	1.325	2.65	PCI/G
SC-19516-S	8/5/1999	URANIUM-238	1.34	2.68	PCI/G
SC-19517-S	8/5/1999	URANIUM-238	1.32	2.64	PCI/G
SC-19518-S	8/5/1999	URANIUM-238	1.33	2.66	PCI/G
SC-19519-S	8/5/1999	URANIUM-238	1.39	2.78	PCI/G
SC-19520-S	8/5/1999	URANIUM-238	1.205	2.41	PCI/G
SC-19601-S	10/26/1999	URANIUM-238	1.325	2.65	PCI/G
SC-19602-S	8/4/1999	URANIUM-238	1.325	2.65	PCI/G
SC-19603-S	8/4/1999	URANIUM-238	1.31	2.62	PCI/G

APPENDIX B WP-437 RU22 FINAL DATA

WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19604-S	8/5/1999	URANIUM-238	1.315	2.63	PCI/G
SC-19605-S	8/5/1999	URANIUM-238	1 265	2.53	PCI/G
SC-19606-S	8/5/1999	URANIUM-238	1.3	2.6	PCI/G
SC-19608-S	10/26/1999	URANIUM-238	1.135	2.27	PCI/G
SC-19609-S	10/26/1999	URANIUM-238	1.365	2 73	PCI/G
SC-19610-S	8/26/1999	URANIUM-238	8.85	4.37	PCI/G
SC-19611-S	8/26/1999	URANIUM-238	1.35	2.7	PCI/G
SC-19612-S	8/5/1999	URANIUM-238	1.33	2.66	PCI/G
SC-19613-S	8/5/1999	URANIUM-238	1.27	2.54	PCI/G
SC-19615-S	11/2/1999	URANIUM-238	1.325	2.65	PCI/G
SC-19616-S	10/26/1999	URANIUM-238	1.71	1.61	PCI/G
SC-19617-S	10/26/1999	URANIUM-238	1.51	3.02	PCI/G
SC-19618-S	8/26/1999	URANIUM-238	1.505	3.01	PCI/G
SC-19619-S	8/26/1999	URANIUM-238	1.325	2.65	PCI/G
SC-19620-S	8/26/1999	URANIUM-238	1.365	2.73	PCI/G
SC-19621-S	8/5/1999	URANIUM-238	1.33	2.66	PCI/G
SC-19701-S	5/1/2000	URANIUM-238	1 165	2.33	PCI/G
SC-19701-U	5/2/2000	URANIUM-238	1 055	2.11	PCI/G
SC-19702-S	5/1/2000	URANIUM-238	1 075	2 15	PCI/G
SC-19702-U	5/2/2000	URANIUM-238	1.135	2.27	PCI/G
SC-19703-S	5/1/2000	URANIUM-238	1 19	2.38	PCI/G
SC-19704-S	5/1/2000	URANIUM-238	1 105	2.21	PCI/G
SC-19705-S	5/1/2000	URANIUM-238	1.16	2.32	PCI/G
SC-19706-S	5/1/2000	URANIUM-238	1.07	2.14	PCI/G
SC-19707-S	4/17/2000	URANIUM-238	1.235	2.47	PCI/G
SC-19708-S	5/1/2000	URANIUM-238	1.15	2.3	PCI/G
SC-19709-S	5/1/2000	URANIUM-238	1 085	2.17	PCI/G
SC-19710-S	5/1/2000	URANIUM-238	1.145	2.29	PCI/G
SC-19711-S	5/1/2000	URANIUM-238	1.06	2.12	PCI/G
SC-19712-S	5/1/2000	URANIUM-238	1.125	2.25	PCI/G
SC-19713-S	5/1/2000	URANIUM-238	1 01	2.02	PCI/G
SC-19714-S	5/1/2000	URANIUM-238	1 065	2.13	PCI/G
SC-19715-S	5/1/2000	URANIUM-238	1.03	2.06	PCI/G
SC-19716-S	5/1/2000	URANIUM-238	1.04	2.08	PCI/G
SC-19717-S	5/1/2000	URANIUM-238	1 105	2.21	PCI/G
SC-19718-S	5/1/2000	URANIUM-238	1 145	2.29	PCI/G
SC-19719-S	5/1/2000	URANIUM-238	1.19	2.38	PCI/G
SC-19720-S	5/1/2000	URANIUM-238	1 015	2.03	PCI/G
SC-19721-S	5/1/2000	URANIUM-238	1 075	2.15	PCI/G
SC-19722-S	3/31/2000	URANIUM-238	1 085	2.17	PCI/G
SC-19723-S	3/29/2000	URANIUM-238	1.1	2.2	PCI/G
SC-19724-S	3/29/2000	URANIUM-238	1.11	2.22	PCI/G
SC-19725-S	2/29/2000	URANIUM-238	1.04	2.08	PCI/G
SC-19726-S	2/29/2000	URANIUM-238	1 125	2.25	PCI/G
SC-19727-S	4/29/2000	URANIUM-238	1.175	2.35	PCI/G
SC-19728-S	4/29/2000	URANIUM-238	3.5	2.18	PCI/G
SC-19801-C	5/12/2000	URANIUM-238	3.54	1.92	PCI/G
SC-19801-S	5/1/2000	URANIUM-238	1 185	2 37	PCI/G
SC-19802-S	5/2/2000	URANIUM-238	1 165	2.33	PCI/G
SC-19803-S	5/2/2000	URANIUM-238	0.945	1.89	PCI/G
SC-19804-S	5/2/2000	URANIUM-238	1 15	2.3	PCI/G
SC-19805-S	5/2/2000	URANIUM-238	1.205	2 41	PCI/G
SC-19806-S	5/1/2000	URANIUM-238	1.14	2.28	PCI/G
SC-19807-S	5/2/2000	URANIUM-238	1.1	2.2	PCI/G
SC-19808-S	5/2/2000	URANIUM-238	1.195	2.39	PCI/G

APPENDIX B WP-437 RU22 FINAL DATA

WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-19809-S	5/2/2000	URANIUM-238	1.13	2.26	PCI/G
SC-19810-S	5/1/2000	URANIUM-238	1.095	2.19	PCI/G
SC-19811-S	5/1/2000	URANIUM-238	1.13	2.26	PCI/G
SC-19812-S	4/5/2000	URANIUM-238	1.055	2.11	PCI/G
SC-19812-S-HS01	4/5/2000	URANIUM-238	1.725	3.45	PCI/G
SC-19812-S-HS02	4/5/2000	URANIUM-238	1.37	2.74	PCI/G
SC-19813-S	4/5/2000	URANIUM-238	1.135	2.27	PCI/G
SC-19814-S	5/2/2000	URANIUM-238	1.13	2.26	PCI/G
SC-19815-S	5/2/2000	URANIUM-238	1.09	2.18	PCI/G
SC-19816-S	4/5/2000	URANIUM-238	1.1	2.2	PCI/G
SC-19816-S-HS01	4/5/2000	URANIUM-238	1.255	2.51	PCI/G
SC-19817-S	3/31/2000	URANIUM-238	1.13	2.26	PCI/G
SC-19818-S	4/5/2000	URANIUM-238	1.12	2.24	PCI/G
SC-19819-S	4/5/2000	URANIUM-238	1.115	2.23	PCI/G
SC-19820-S	3/31/2000	URANIUM-238	1.04	2.08	PCI/G
SC-19821-S	3/31/2000	URANIUM-238	1.145	2.29	PCI/G
SC-19901-S	8/3/1999	URANIUM-238	1.25	2.5	PCI/G
SC-19902-S	8/3/1999	URANIUM-238	1.23	2.46	PCI/G
SC-19903-S	8/30/1999	URANIUM-238	1.095	2.19	PCI/G
SC-19904-S	7/30/1999	URANIUM-238	1.38	2.76	PCI/G
SC-19905-S	8/3/1999	URANIUM-238	1.67	2.32	PCI/G
SC-19906-S	8/3/1999	URANIUM-238	1.29	2.58	PCI/G
SC-19907-S	7/30/1999	URANIUM-238	1.125	2.25	PCI/G
SC-19908-S	7/30/1999	URANIUM-238	1.29	2.58	PCI/G
SC-19909-S	8/3/1999	URANIUM-238	1.305	2.61	PCI/G
SC-19910-S	8/3/1999	URANIUM-238	1.24	2.48	PCI/G
SC-19911-S	7/30/1999	URANIUM-238	1.285	2.57	PCI/G
SC-19912-S	3/31/2000	URANIUM-238	2.71	2.27	PCI/G
SC-19913-S	8/3/1999	URANIUM-238	1.285	2.57	PCI/G
SC-19914-S	8/3/1999	URANIUM-238	1.225	2.45	PCI/G
SC-19915-S	3/31/2000	URANIUM-238	1.2	2.4	PCI/G
SC-19916-S	3/31/2000	URANIUM-238	1.07	2.14	PCI/G
SC-19917-S	8/3/1999	URANIUM-238	2.49	2.08	PCI/G
SC-19918-S	3/31/2000	URANIUM-238	1.12	2.24	PCI/G
SC-19919-S	3/31/2000	URANIUM-238	1.165	2.33	PCI/G
SC-19920-S	3/31/2000	URANIUM-238	1.085	2.17	PCI/G
SC-19920-S-HS01	4/5/2000	URANIUM-238	1.995	3.99	PCI/G
SC-19920-S-HS02	4/5/2000	URANIUM-238	1.7	3.4	PCI/G
SC-19920-S-RS01	4/14/2000	URANIUM-238	1.175	2.35	PCI/G
SC-19920-S-RS02	4/14/2000	URANIUM-238	1.215	2.43	PCI/G
SC-20001-S	8/3/1999	URANIUM-238	1.315	2.63	PCI/G
SC-20002-S	8/3/1999	URANIUM-238	1.265	2.53	PCI/G
SC-20003-S	8/3/1999	URANIUM-238	1.155	2.31	PCI/G
SC-20004-S	8/3/1999	URANIUM-238	1.34	2.68	PCI/G
SC-20005-S	8/3/1999	URANIUM-238	1.31	2.62	PCI/G
SC-20006-S	8/31/1999	URANIUM-238	1.24	2.48	PCI/G
SC-20007-S	8/3/1999	URANIUM-238	1.335	2.67	PCI/G
SC-20008-S	8/3/1999	URANIUM-238	1.365	2.73	PCI/G
SC-20009-S	8/3/1999	URANIUM-238	1.29	2.58	PCI/G
SC-20010-S	8/3/1999	URANIUM-238	1.325	2.65	PCI/G
SC-20011-S	8/26/1999	URANIUM-238	1.36	2.72	PCI/G
SC-20012-S	8/26/1999	URANIUM-238	1.455	2.91	PCI/G
SC-20013-S	8/3/1999	URANIUM-238	1.3	2.6	PCI/G
SC-20014-S	8/3/1999	URANIUM-238	1.325	2.65	PCI/G
SC-20015-S	8/3/1999	URANIUM-238	2.08	1.74	PCI/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20016-S	8/26/1999	URANIUM-238	1.305	2.61	PCI/G
SC-20017-S	8/26/1999	URANIUM-238	1.43	2.86	PCI/G
SC-20018-S	8/3/1999	URANIUM-238	1.355	2.71	PCI/G
SC-20019-S	8/3/1999	URANIUM-238	1.32	2.64	PCI/G
SC-20020-S	8/3/1999	URANIUM-238	0.925	1.85	PCI/G
SC-20101-C	6/30/1999	URANIUM-238	1.285	2.57	PCI/G
SC-20102-S	6/30/1999	URANIUM-238	1.3	2.6	PCI/G
SC-20103-S	6/30/1999	URANIUM-238	1.235	2.47	PCI/G
SC-20105-S	6/30/1999	URANIUM-238	4.07	2.31	PCI/G
SC-20106-S	6/30/1999	URANIUM-238	1.4	2.8	PCI/G
SC-20107-S	6/30/1999	URANIUM-238	1.29	2.58	PCI/G
SC-20108-C	6/30/1999	URANIUM-238	1.55	3.1	PCI/G
SC-20109-S	6/30/1999	URANIUM-238	1.355	2.71	PCI/G
SC-20110-S	6/30/1999	URANIUM-238	1.365	2.73	PCI/G
SC-20111-S	6/30/1999	URANIUM-238	1.235	2.47	PCI/G
SC-20113-S	6/30/1999	URANIUM-238	1.315	2.63	PCI/G
SC-20114-S	6/30/1999	URANIUM-238	1.31	2.62	PCI/G
SC-20115-S	6/30/1999	URANIUM-238	1 215	2.43	PCI/G
SC-20116-S	6/30/1999	URANIUM-238	1.36	2.72	PCI/G
SC-20117-C	6/30/1999	URANIUM-238	1.3	2.6	PCI/G
SC-20119-S	7/19/1999	URANIUM-238	1.37	2.74	PCI/G
SC-20120-S	7/19/1999	URANIUM-238	1.43	2.09	PCI/G
SC-20121-S	6/30/1999	URANIUM-238	1 31	2.62	PCI/G
SC-20124-C	7/19/1999	URANIUM-238	1.275	2.55	PCI/G
SC-20125-C	6/30/1999	URANIUM-238	1.135	2.27	PCI/G
SC-20201-S	6/30/1999	URANIUM-238	1.375	2.75	PCI/G
SC-20202-S	6/30/1999	URANIUM-238	1.38	2.76	PCI/G
SC-20203-S	8/26/1999	URANIUM-238	1.35	2.7	PCI/G
SC-20204-S	6/30/1999	URANIUM-238	1.305	2.61	PCI/G
SC-20205-S	6/30/1999	URANIUM-238	1 325	2.65	PCI/G
SC-20206-S	6/30/1999	URANIUM-238	2 01	2.23	PCI/G
SC-20207-S	6/30/1999	URANIUM-238	1.4	2.8	PCI/G
SC-20208-S	6/30/1999	URANIUM-238	1.22	2 44	PCI/G
SC-20209-S	6/30/1999	URANIUM-238	1.19	2.38	PCI/G
SC-20210-S	6/30/1999	URANIUM-238	1 355	2.71	PCI/G
SC-20211-S	6/30/1999	URANIUM-238	1.33	2.66	PCI/G
SC-20212-S	6/30/1999	URANIUM-238	1 295	2.59	PCI/G
SC-20213-S	6/30/1999	URANIUM-238	1.25	2.5	PCI/G
SC-20214-S	6/30/1999	URANIUM-238	1 295	2.59	PCI/G
SC-20215-S	6/30/1999	URANIUM-238	1.4	2.8	PCI/G
SC-20216-S	6/30/1999	URANIUM-238	1.27	2.54	PCI/G
SC-20218-S	7/19/1999	URANIUM-238	1.355	2.71	PCI/G
SC-20219-S	7/19/1999	URANIUM-238	1.4	2.8	PCI/G
SC-20220-C	7/19/1999	URANIUM-238	1.32	2.64	PCI/G
SC-20301-S	8/26/1999	URANIUM-238	1 3	2.6	PCI/G
SC-20302-S	8/26/1999	URANIUM-238	1.35	2.7	PCI/G
SC-20303-S	8/26/1999	URANIUM-238	1.35	2.7	PCI/G
SC-20304-S	8/5/1999	URANIUM-238	1.295	2.59	PCI/G
SC-20305-S	8/31/1999	URANIUM-238	1 305	2.61	PCI/G
SC-20306-S	8/26/1999	URANIUM-238	1.315	2.63	PCI/G
SC-20307-S	8/26/1999	URANIUM-238	1.46	2.92	PCI/G
SC-20308-S	8/31/1999	URANIUM-238	1 235	2 47	PCI/G
SC-20309-S	6/30/1999	URANIUM-238	1.37	2.74	PCI/G
SC-20310-S	6/30/1999	URANIUM-238	1.355	2.71	PCI/G
SC-20311-S	8/31/1999	URANIUM-238	1 29	2 58	PCI/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20312-S	8/26/1999	URANIUM-238	1.3	2.6	PCI/G
SC-20313-S	6/30/1999	URANIUM-238	1.225	2.45	PCI/G
SC-20314-S	6/30/1999	URANIUM-238	1.27	2.54	PCI/G
SC-20315-S	6/30/1999	URANIUM-238	1.585	3.17	PCI/G
SC-20316-S	8/31/1999	URANIUM-238	1.29	2.58	PCI/G
SC-20317-S	7/19/1999	URANIUM-238	1.225	2.45	PCI/G
SC-20319-S	9/1/1999	URANIUM-238	1.41	2.82	PCI/G
SC-20401-S	8/31/1999	URANIUM-238	1.295	2.59	PCI/G
SC-20402-S	8/26/1999	URANIUM-238	1.325	2.65	PCI/G
SC-20403-S	8/26/1999	URANIUM-238	1.305	2.61	PCI/G
SC-20404-S	8/3/1999	URANIUM-238	1.305	2.61	PCI/G
SC-20405-S	8/3/1999	URANIUM-238	1.315	2.63	PCI/G
SC-20406-S	8/31/1999	URANIUM-238	1.48	2.96	PCI/G
SC-20407-S	8/31/1999	URANIUM-238	1.265	2.53	PCI/G
SC-20408-S	8/26/1999	URANIUM-238	1.395	2.79	PCI/G
SC-20409-S	8/26/1999	URANIUM-238	1.305	2.61	PCI/G
SC-20410-S	8/26/1999	URANIUM-238	1.365	2.73	PCI/G
SC-20411-S	4/3/2000	URANIUM-238	1.135	2.27	PCI/G
SC-20412-S	8/31/1999	URANIUM-238	1.215	2.43	PCI/G
SC-20413-S	8/26/1999	URANIUM-238	1.28	2.56	PCI/G
SC-20414-S	8/26/1999	URANIUM-238	1.215	2.43	PCI/G
SC-20414-S-RS	3/24/2000	URANIUM-238	1.045	2.09	PCI/G
SC-20415-S	8/26/1999	URANIUM-238	2.65	5.3	PCI/G
SC-20415-S-RS	3/24/2000	URANIUM-238	1.095	2.19	PCI/G
SC-20417-S	8/31/1999	URANIUM-238	1.27	2.54	PCI/G
SC-20418-S	8/31/1999	URANIUM-238	1.205	2.41	PCI/G
SC-20419-S	3/17/2000	URANIUM-238	1.085	2.17	PCI/G
SC-20420-S	3/17/2000	URANIUM-238	1.105	2.21	PCI/G
SC-20501-S	3/31/2000	URANIUM-238	1.06	2.12	PCI/G
SC-20501-U	4/26/2000	URANIUM-238	1.07	2.14	PCI/G
SC-20502-S	3/31/2000	URANIUM-238	1.145	2.29	PCI/G
SC-20503-S	8/26/1999	URANIUM-238	1.29	2.58	PCI/G
SC-20503-S-RS	3/24/2000	URANIUM-238	1.075	2.15	PCI/G
SC-20504-S	3/31/2000	URANIUM-238	1.07	2.14	PCI/G
SC-20505-S	3/31/2000	URANIUM-238	1.17	2.34	PCI/G
SC-20506-S	3/31/2000	URANIUM-238	1.59	3.18	PCI/G
SC-20507-S	3/31/2000	URANIUM-238	1.115	2.23	PCI/G
SC-20508-S	3/31/2000	URANIUM-238	1.17	2.34	PCI/G
SC-20509-S	3/24/2000	URANIUM-238	1.085	2.17	PCI/G
SC-20510-S	3/17/2000	URANIUM-238	0.99	1.98	PCI/G
SC-20511-S	3/17/2000	URANIUM-238	1.155	2.31	PCI/G
SC-20512-S	3/17/2000	URANIUM-238	1.03	2.06	PCI/G
SC-20513-S	3/31/2000	URANIUM-238	1.185	2.37	PCI/G
SC-20514-S	3/31/2000	URANIUM-238	1.105	2.21	PCI/G
SC-20515-S	3/17/2000	URANIUM-238	1.21	2.42	PCI/G
SC-20516-S	3/17/2000	URANIUM-238	1.115	2.23	PCI/G
SC-20517-S	3/17/2000	URANIUM-238	1.28	2.01	PCI/G
SC-20518-S	3/17/2000	URANIUM-238	1.14	2.28	PCI/G
SC-20519-S	3/17/2000	URANIUM-238	1.45	2.9	PCI/G
SC-20520-S	3/31/2000	URANIUM-238	1.16	2.32	PCI/G
SC-20601-S	3/31/2000	URANIUM-238	1.175	2.35	PCI/G
SC-20602-S	3/31/2000	URANIUM-238	1.115	2.23	PCI/G
SC-20603-S	3/31/2000	URANIUM-238	1.04	2.08	PCI/G
SC-20604-S	3/31/2000	URANIUM-238	1.115	2.23	PCI/G
SC-20605-S	3/31/2000	URANIUM-238	1.07	2.14	PCI/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20606-S	3/31/2000	URANIUM-238	1.04	2.08	PCI/G
SC-20607-S	3/31/2000	URANIUM-238	1.07	2.14	PCI/G
SC-20608-S	3/31/2000	URANIUM-238	1.105	2.21	PCI/G
SC-20609-S	3/29/2000	URANIUM-238	1.115	2.23	PCI/G
SC-20610-S	3/31/2000	URANIUM-238	1.05	2.1	PCI/G
SC-20611-S	3/31/2000	URANIUM-238	1.095	2.19	PCI/G
SC-20612-S	3/29/2000	URANIUM-238	1.145	2.29	PCI/G
SC-20613-S	3/29/2000	URANIUM-238	1.135	2.27	PCI/G
SC-20614-S	3/29/2000	URANIUM-238	1.125	2.25	PCI/G
SC-20615-S	3/29/2000	URANIUM-238	1.03	2.06	PCI/G
SC-20616-S	3/29/2000	URANIUM-238	1.12	2.24	PCI/G
SC-20617-S	3/29/2000	URANIUM-238	1.07	2.14	PCI/G
SC-20618-S	3/29/2000	URANIUM-238	1.12	2.24	PCI/G
SC-20619-S	3/29/2000	URANIUM-238	1.09	2.18	PCI/G
SC-20620-S	3/29/2000	URANIUM-238	1.01	2.02	PCI/G
SC-20621-S	3/29/2000	URANIUM-238	1 155	2.31	PCI/G
SC-20701-S	3/29/2000	URANIUM-238	1.145	2.29	PCI/G
SC-20702-S	3/29/2000	URANIUM-238	1 005	2.01	PCI/G
SC-20703-S	3/29/2000	URANIUM-238	1.12	2.24	PCI/G
SC-20704-S	3/29/2000	URANIUM-238	1.095	2.19	PCI/G
SC-20705-S	3/29/2000	URANIUM-238	1.095	2.19	PCI/G
SC-20706-S	3/29/2000	URANIUM-238	1.12	2.24	PCI/G
SC-20707-S	3/29/2000	URANIUM-238	1.1	2.2	PCI/G
SC-20708-S	3/29/2000	URANIUM-238	1.135	2.27	PCI/G
SC-20709-S	3/29/2000	URANIUM-238	1.145	2.29	PCI/G
SC-20710-S	3/29/2000	URANIUM-238	1.09	2.18	PCI/G
SC-20711-S	3/29/2000	URANIUM-238	1.155	2.31	PCI/G
SC-20712-S	3/29/2000	URANIUM-238	1.13	2.26	PCI/G
SC-20713-S	3/29/2000	URANIUM-238	1.15	2.3	PCI/G
SC-20714-S	3/29/2000	URANIUM-238	1.085	2.17	PCI/G
SC-20715-S	3/29/2000	URANIUM-238	1.13	2.26	PCI/G
SC-20716-S	4/6/2000	URANIUM-238	1.155	2.31	PCI/G
SC-20717-S	4/6/1999	URANIUM-238	1 37	2.74	PCI/G
SC-20718-S	4/6/1999	URANIUM-238	1.265	2.53	PCI/G
SC-20801-C	2/29/2000	URANIUM-238	1.02	2.04	PCI/G
SC-20801-S	2/29/2000	URANIUM-238	1.165	2.33	PCI/G
SC-20801-S-RS	4/14/2000	URANIUM-238	1.045	2.09	PCI/G
SC-20802-S	4/29/2000	URANIUM-238	1.1	2.2	PCI/G
SC-20803-S	4/29/2000	URANIUM-238	2.43	2.48	PCI/G
SC-20804-S	4/14/2000	URANIUM-238	1.125	2.25	PCI/G
SC-20805-S	4/14/2000	URANIUM-238	1.06	2.12	PCI/G
SC-20806-S	4/29/2000	URANIUM-238	1.145	2.29	PCI/G
SC-20807-S	4/14/2000	URANIUM-238	1.085	2.17	PCI/G
SC-20808-S	4/14/2000	URANIUM-238	1.09	2.18	PCI/G
SC-20809-S	4/29/2000	URANIUM-238	1.12	2.24	PCI/G
SC-20810-S	4/29/2000	URANIUM-238	1.205	2.41	PCI/G
SC-20811-S	4/14/2000	URANIUM-238	1.07	2.14	PCI/G
SC-20812-S	4/14/2000	URANIUM-238	1.045	2.09	PCI/G
SC-20813-S	4/29/2000	URANIUM-238	1.09	2.18	PCI/G
SC-20814-S	4/29/2000	URANIUM-238	1.045	2.09	PCI/G
SC-20815-S	4/14/2000	URANIUM-238	1 475	2.95	PCI/G
SC-20815-S-HS01	4/5/2000	URANIUM-238	9.25	3.74	PCI/G
SC-20815-S-HS02	4/5/2000	URANIUM-238	2.185	4.37	PCI/G
SC-20816-S	3/13/2000	URANIUM-238	1 16	2.32	PCI/G
SC-20816-S-RS	4/14/2000	URANIUM-238	1 03	2.06	PCI/G

APPENDIX B WP-437 RU22 FINAL DATA

WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-20817-S	4/21/2000	URANIUM-238	1.095	2.19	PCI/G
SC-20818-S	4/19/2000	URANIUM-238	1.1	2.2	PCI/G
SC-20819-S	4/19/2000	URANIUM-238	1.15	2.3	PCI/G
SC-20820-S	4/6/1999	URANIUM-238	1.17	2.34	PCI/G
SC-20820-S-RS	3/13/2000	URANIUM-238	1.185	2.37	PCI/G
SC-20821-S	4/6/1999	URANIUM-238	1.23	2.46	PCI/G
SC-20821-S-RS	3/13/2000	URANIUM-238	1.11	2.22	PCI/G
SC-20822-S	4/6/1999	URANIUM-238	1.235	2.47	PCI/G
SC-20822-S-RS	3/13/2000	URANIUM-238	1.1	2.2	PCI/G
SC-20823-C	4/19/2000	URANIUM-238	1.075	2.15	PCI/G
SC-20823-S	4/19/2000	URANIUM-238	1.105	2.21	PCI/G
SC-20824-S	4/19/2000	URANIUM-238	1.115	2.23	PCI/G
SC-20901-C	4/19/2000	URANIUM-238	1.15	2.3	PCI/G
SC-20901-S	4/19/2000	URANIUM-238	0.935	1.87	PCI/G
SC-20902-C	4/19/2000	URANIUM-238	1.145	2.29	PCI/G
SC-20902-S	4/19/2000	URANIUM-238	1.105	2.21	PCI/G
SC-20903-S	4/19/2000	URANIUM-238	1.18	2.36	PCI/G
SC-20904-S	4/19/2000	URANIUM-238	1.105	2.21	PCI/G
SC-20905-S	4/19/2000	URANIUM-238	1.12	2.24	PCI/G
SC-20906-S	4/19/2000	URANIUM-238	1.14	2.28	PCI/G
SC-20907-S	2/5/1999	URANIUM-238	1.29	2.58	PCI/G
SC-20908-S	4/26/2000	URANIUM-238	1.135	2.27	PCI/G
SC-20909-S	4/19/2000	URANIUM-238	1.095	2.19	PCI/G
SC-20910-S	4/19/2000	URANIUM-238	1.04	2.08	PCI/G
SC-20911-S	2/5/1999	URANIUM-238	1.27	2.54	PCI/G
SC-20912-S	4/26/2000	URANIUM-238	1.05	2.1	PCI/G
SC-20913-S	4/19/2000	URANIUM-238	1.09	2.18	PCI/G
SC-20914-S	4/26/2000	URANIUM-238	0.985	1.97	PCI/G
SC-20915-S	4/13/1999	URANIUM-238	1.98	3.39	PCI/G
SC-20916-S	2/5/1999	URANIUM-238	1.415	2.83	PCI/G
SC-20917-S	4/26/2000	URANIUM-238	1.115	2.23	PCI/G
SC-20918-C	4/26/2000	URANIUM-238	1.11	2.22	PCI/G
SC-20918-S	4/26/2000	URANIUM-238	1.02	2.04	PCI/G
SC-20919-S	4/2/1999	URANIUM-238	1.18	2.36	PCI/G
SC-20920-S	2/5/1999	URANIUM-238	1.235	2.47	PCI/G
SC-20921-S	2/5/1999	URANIUM-238	0.66	1.32	PCI/G
SC-20924-S	2/8/1999	URANIUM-238	1.325	2.65	PCI/G
SC-20925-C	2/5/1999	URANIUM-238	1.325	2.65	PCI/G
SC-21001-S	4/6/1999	URANIUM-238	2.44	2.9	PCI/G
SC-21002-S	4/6/1999	URANIUM-238	1.31	2.62	PCI/G
SC-21003-S	4/6/1999	URANIUM-238	1.35	2.7	PCI/G
SC-21004-S	4/6/1999	URANIUM-238	1.37	2.74	PCI/G
SC-21004-S-RS	3/13/2000	URANIUM-238	1.32	2.64	PCI/G
SC-21005-S	4/6/1999	URANIUM-238	1.26	2.52	PCI/G
SC-21005-S-RS	3/13/2000	URANIUM-238	5.82	2.42	PCI/G
SC-21006-S	4/6/1999	URANIUM-238	6.31	3.82	PCI/G
SC-21007-S	4/6/1999	URANIUM-238	1.31	2.62	PCI/G
SC-21008-S	4/6/1999	URANIUM-238	1.34	2.68	PCI/G
SC-21009-S	4/6/1999	URANIUM-238	1.305	2.61	PCI/G
SC-21010-S	4/6/1999	URANIUM-238	1.38	2.76	PCI/G
SC-21010-S-RS	3/13/2000	URANIUM-238	1.185	2.37	PCI/G
SC-21011-S	4/6/1999	URANIUM-238	1.425	2.85	PCI/G
SC-21012-S	4/6/1999	URANIUM-238	1.28	2.56	PCI/G
SC-21013-S	4/2/1999	URANIUM-238	1.355	2.71	PCI/G
SC-21014-S	4/2/1999	URANIUM-238	1.735	3.47	PCI/G

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WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21015-S	4/2/1999	URANIUM-238	2.38	2.9	PCI/G
SC-21016-S	4/2/1999	URANIUM-238	1.425	2.85	PCI/G
SC-21017-S	4/2/1999	URANIUM-238	1.515	3.03	PCI/G
SC-21018-S	4/2/1999	URANIUM-238	1.295	2.59	PCI/G
SC-21019-S	4/2/1999	URANIUM-238	1.355	2.71	PCI/G
SC-21020-S	4/2/1999	URANIUM-238	1.285	2.57	PCI/G
SC-21101-S	3/29/2000	URANIUM-238	1.08	2.16	PCI/G
SC-21102-S	3/29/2000	URANIUM-238	1.115	2.23	PCI/G
SC-21103-S	3/29/2000	URANIUM-238	1.13	2.26	PCI/G
SC-21104-S	4/6/1999	URANIUM-238	1.325	2.65	PCI/G
SC-21105-S	4/6/1999	URANIUM-238	2.315	4.63	PCI/G
SC-21106-S	3/29/2000	URANIUM-238	1.08	2.16	PCI/G
SC-21107-S	4/2/1999	URANIUM-238	3.86	3.29	PCI/G
SC-21107-S-RS	4/12/2000	URANIUM-238	2.67	2.05	PCI/G
SC-21108-S	6/15/1999	URANIUM-238	1.4	2.8	PCI/G
SC-21109-S	4/6/1999	URANIUM-238	1.83	3.66	PCI/G
SC-21110-S	4/6/1999	URANIUM-238	1.615	3.23	PCI/G
SC-21111-S	4/2/1999	URANIUM-238	1.41	2.82	PCI/G
SC-21112-S	4/2/1999	URANIUM-238	1.605	3.21	PCI/G
SC-21113-S	4/2/1999	URANIUM-238	3.62	2.44	PCI/G
SC-21114-S	4/2/1999	URANIUM-238	1.455	2.91	PCI/G
SC-21115-S	4/2/1999	URANIUM-238	1.44	2.88	PCI/G
SC-21116-S	4/1/1999	URANIUM-238	1.44	2.88	PCI/G
SC-21117-S	4/2/1999	URANIUM-238	1.35	2.7	PCI/G
SC-21118-S	4/2/1999	URANIUM-238	1.4	2 8	PCI/G
SC-21119-S	4/2/1999	URANIUM-238	1.29	2.58	PCI/G
SC-21120-S	4/2/1999	URANIUM-238	1.71	3.42	PCI/G
SC-21201-S	3/17/2000	URANIUM-238	1.11	2.22	PCI/G
SC-21201-U	4/14/2000	URANIUM-238	1.09	2.18	PCI/G
SC-21202-S	3/17/2000	URANIUM-238	5	2.11	PCI/G
SC-21203-S	3/17/2000	URANIUM-238	1.095	2.19	PCI/G
SC-21204-S	3/17/2000	URANIUM-238	1.45	2.38	PCI/G
SC-21205-S	3/29/2000	URANIUM-238	1.2	2.4	PCI/G
SC-21206-S	3/17/2000	URANIUM-238	1.055	2.11	PCI/G
SC-21207-S	3/17/2000	URANIUM-238	2.6	2.12	PCI/G
SC-21208-S	3/17/2000	URANIUM-238	1.135	2.27	PCI/G
SC-21209-S	3/17/2000	URANIUM-238	1.22	2.44	PCI/G
SC-21210-S	3/29/2000	URANIUM-238	1.125	2.25	PCI/G
SC-21211-S	3/17/2000	URANIUM-238	1.06	2.12	PCI/G
SC-21212-S	3/17/2000	URANIUM-238	1.14	2.28	PCI/G
SC-21213-S	3/17/2000	URANIUM-238	1.02	2.04	PCI/G
SC-21214-S	3/24/2000	URANIUM-238	1.105	2.21	PCI/G
SC-21215-S	3/24/2000	URANIUM-238	1.115	2.23	PCI/G
SC-21216-S	3/17/2000	URANIUM-238	1.15	2.3	PCI/G
SC-21217-S	3/24/2000	URANIUM-238	1.14	2.28	PCI/G
SC-21218-S	3/24/2000	URANIUM-238	1.14	2.28	PCI/G
SC-21219-S	3/24/2000	URANIUM-238	1.09	2.18	PCI/G
SC-21220-S	4/1/1999	URANIUM-238	1.325	2.65	PCI/G
SC-21301-C	4/3/2000	URANIUM-238	1.075	2.15	PCI/G
SC-21302-S	4/3/2000	URANIUM-238	1.145	2.29	PCI/G
SC-21303-S	9/1/1999	URANIUM-238	1.255	2.51	PCI/G
SC-21304-S	2/29/2000	URANIUM-238	1.08	2.16	PCI/G
SC-21305-S	3/17/2000	URANIUM-238	1.1	2.2	PCI/G
SC-21306-S	3/17/2000	URANIUM-238	1.19	2.38	PCI/G
SC-21308-C	4/3/2000	URANIUM-238	9.45	2 19	PCI/G

APPENDIX B WP-437 RU22 FINAL DATA

WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21309-S	4/3/2000	URANIUM-238	17.8	3.08	PCI/G
SC-21310-S	9/1/1999	URANIUM-238	1.29	2.58	PCI/G
SC-21311-S	9/1/1999	URANIUM-238	1.295	2.59	PCI/G
SC-21312-S	2/29/2000	URANIUM-238	1.15	2.3	PCI/G
SC-21313-S	3/17/2000	URANIUM-238	1.07	2.14	PCI/G
SC-21314-C	4/3/2000	URANIUM-238	3.93	1.94	PCI/G
SC-21315-S	3/22/2000	URANIUM-238	1.26	2.52	PCI/G
SC-21316-S	3/22/2000	URANIUM-238	1.13	2.26	PCI/G
SC-21317-S	9/1/1999	URANIUM-238	1.4	2.8	PCI/G
SC-21317-S-RS	3/22/2000	URANIUM-238	1.085	2.17	PCI/G
SC-21318-S	2/29/2000	URANIUM-238	1.145	2.29	PCI/G
SC-21319-S	3/17/2000	URANIUM-238	1.13	2.26	PCI/G
SC-21321-C	3/22/2000	URANIUM-238	1.14	2.28	PCI/G
SC-21322-S	3/22/2000	URANIUM-238	1.075	2.15	PCI/G
SC-21323-S	9/1/1999	URANIUM-238	1.3	2.6	PCI/G
SC-21323-S-RS	3/22/2000	URANIUM-238	1.13	2.26	PCI/G
SC-21324-S	9/1/1999	URANIUM-238	1.24	2.48	PCI/G
SC-21324-S-RS	3/22/2000	URANIUM-238	1.045	2.09	PCI/G
SC-21325-S	2/29/2000	URANIUM-238	1.115	2.23	PCI/G
SC-21401-C	3/22/2000	URANIUM-238	1.145	2.29	PCI/G
SC-21402-S-RS	3/22/2000	URANIUM-238	0.74	1.48	PCI/G
SC-21403-S	9/1/1999	URANIUM-238	1.31	2.62	PCI/G
SC-21403-S-RS	3/22/2000	URANIUM-238	1.125	2.25	PCI/G
SC-21404-S	9/1/1999	URANIUM-238	1.325	2.65	PCI/G
SC-21404-S-RS	3/22/2000	URANIUM-238	1.125	2.25	PCI/G
SC-21405-S	2/29/2000	URANIUM-238	1	2	PCI/G
SC-21406-S	3/24/2000	URANIUM-238	1.095	2.19	PCI/G
SC-21408-C	3/22/2000	URANIUM-238	1.08	2.16	PCI/G
SC-21409-S	3/22/2000	URANIUM-238	1.105	2.21	PCI/G
SC-21410-S	9/1/1999	URANIUM-238	1.245	2.49	PCI/G
SC-21410-S-RS	3/22/2000	URANIUM-238	1.14	2.28	PCI/G
SC-21411-S	9/1/1999	URANIUM-238	1.295	2.59	PCI/G
SC-21412-S	4/1/1999	URANIUM-238	1.3	2.6	PCI/G
SC-21414-S	3/2/1999	URANIUM-238	11.6	3.36	PCI/G
SC-21414-S-RS	3/22/2000	URANIUM-238	1.2	2.4	PCI/G
SC-21415-S	3/2/1999	URANIUM-238	1.23	2.46	PCI/G
SC-21415-S-RS	3/22/2000	URANIUM-238	1.18	2.36	PCI/G
SC-21416-S	2/25/1999	URANIUM-238	1.35	2.7	PCI/G
SC-21417-S	2/25/1999	URANIUM-238	1.32	2.64	PCI/G
SC-21420-S	3/2/1999	URANIUM-238	1.26	2.52	PCI/G
SC-21421-S	3/2/1999	URANIUM-238	1.325	2.65	PCI/G
SC-21422-S	2/25/1999	URANIUM-238	1.29	2.58	PCI/G
SC-21426-S	2/25/1999	URANIUM-238	1.355	2.71	PCI/G
SC-21428-S	3/2/1999	URANIUM-238	1.28	2.56	PCI/G
SC-21501-S	3/24/2000	URANIUM-238	1.15	2.3	PCI/G
SC-21502-S	4/1/1999	URANIUM-238	1.37	2.74	PCI/G
SC-21503-S	4/1/1999	URANIUM-238	1.225	2.45	PCI/G
SC-21504-S	4/1/1999	URANIUM-238	1.285	2.57	PCI/G
SC-21505-S	4/1/1999	URANIUM-238	1.325	2.65	PCI/G
SC-21506-S	4/1/1999	URANIUM-238	1.3	2.6	PCI/G
SC-21507-S	4/1/1999	URANIUM-238	1.355	2.71	PCI/G
SC-21508-S	4/1/1999	URANIUM-238	1.35	2.7	PCI/G
SC-21509-S	4/1/1999	URANIUM-238	1.2	2.4	PCI/G
SC-21510-S	4/1/1999	URANIUM-238	1.355	2.71	PCI/G
SC-21511-S	4/1/1999	URANIUM-238	1.355	2.71	PCI/G

APPENDIX B WP-437 RU22 FINAL DATA

WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21512-S	4/1/1999	URANIUM-238	1.51	3.02	PCI/G
SC-21513-S	4/1/1999	URANIUM-238	0.875	1.75	PCI/G
SC-21514-S	4/1/1999	URANIUM-238	1.305	2.61	PCI/G
SC-21515-S	4/1/1999	URANIUM-238	1.455	2.91	PCI/G
SC-21516-S	4/1/1999	URANIUM-238	1.395	2.79	PCI/G
SC-21517-S	2/25/1999	URANIUM-238	1.205	2.41	PCI/G
SC-21518-S	4/1/1999	URANIUM-238	1.64	3.28	PCI/G
SC-21519-S	4/1/1999	URANIUM-238	1.385	2.77	PCI/G
SC-21520-S	4/1/1999	URANIUM-238	1.415	2.83	PCI/G
SC-21601-S	4/1/1999	URANIUM-238	1.335	2.67	PCI/G
SC-21602-S	4/2/1999	URANIUM-238	3.71	2.7	PCI/G
SC-21603-S	4/2/1999	URANIUM-238	1.635	3.27	PCI/G
SC-21604-S	4/2/1999	URANIUM-238	1.33	2.66	PCI/G
SC-21605-S	4/2/1999	URANIUM-238	1.54	3.08	PCI/G
SC-21606-S	4/1/1999	URANIUM-238	1.285	2.57	PCI/G
SC-21607-S	4/2/1999	URANIUM-238	1.43	2.86	PCI/G
SC-21608-S	4/2/1999	URANIUM-238	1.445	2.89	PCI/G
SC-21609-S	4/2/1999	URANIUM-238	1.445	2.89	PCI/G
SC-21610-S	4/2/1999	URANIUM-238	1.78	3.56	PCI/G
SC-21611-S	4/1/1999	URANIUM-238	1.27	2.54	PCI/G
SC-21612-S	4/1/1999	URANIUM-238	1 51	3.02	PCI/G
SC-21613-S	4/2/1999	URANIUM-238	1.385	2.77	PCI/G
SC-21614-S	4/2/1999	URANIUM-238	1.49	2.98	PCI/G
SC-21615-S	4/2/1999	URANIUM-238	3 71	2.49	PCI/G
SC-21616-S	4/1/1999	URANIUM-238	1.335	2.67	PCI/G
SC-21617-S	4/1/1999	URANIUM-238	1 33	2.66	PCI/G
SC-21618-S	4/2/1999	URANIUM-238	1.445	2.89	PCI/G
SC-21619-S	4/2/1999	URANIUM-238	1 31	2.62	PCI/G
SC-21620-S	4/2/1999	URANIUM-238	1 37	2.74	PCI/G
SC-21701-S	4/2/1999	URANIUM-238	2.92	4.86	PCI/G
SC-21702-S	4/2/1999	URANIUM-238	3.77	2.54	PCI/G
SC-21703-S	4/2/1999	URANIUM-238	1 34	2.68	PCI/G
SC-21704-S	4/2/1999	URANIUM-238	1.345	2.69	PCI/G
SC-21705-S	4/2/1999	URANIUM-238	1.31	2.62	PCI/G
SC-21706-S	4/2/1999	URANIUM-238	1 48	2.96	PCI/G
SC-21707-S	4/2/1999	URANIUM-238	1.4	2.8	PCI/G
SC-21708-S	4/2/1999	URANIUM-238	1.465	2.93	PCI/G
SC-21709-S	4/2/1999	URANIUM-238	1.29	2.58	PCI/G
SC-21710-S	4/2/1999	URANIUM-238	2.81	2.39	PCI/G
SC-21711-S	4/2/1999	URANIUM-238	1.64	3.28	PCI/G
SC-21712-S	4/2/1999	URANIUM-238	1.395	2.79	PCI/G
SC-21713-S	4/2/1999	URANIUM-238	1.37	2.74	PCI/G
SC-21714-S	4/2/1999	URANIUM-238	1.365	2.73	PCI/G
SC-21715-S	4/2/1999	URANIUM-238	1.065	2.13	PCI/G
SC-21716-S	4/2/1999	URANIUM-238	1.41	2.82	PCI/G
SC-21717-S	4/2/1999	URANIUM-238	1.445	2.89	PCI/G
SC-21718-S	4/2/1999	URANIUM-238	1.265	2.53	PCI/G
SC-21719-S	2/8/1999	URANIUM-238	1.255	2.51	PCI/G
SC-21720-S	3/16/1999	URANIUM-238	1.045	2.09	PCI/G
SC-21801-S	4/1/1999	URANIUM-238	1.37	2.74	PCI/G
SC-21802-S	4/1/1999	URANIUM-238	1.26	2.52	PCI/G
SC-21803-S	4/2/1999	URANIUM-238	1.205	2.41	PCI/G
SC-21804-S	4/2/1999	URANIUM-238	1 395	2 79	PCI/G
SC-21805-S	4/2/1999	URANIUM-238	1 315	2.63	PCI/G
SC-21806-S	2/8/1999	URANIUM-238	1.275	2.55	PCI/G

APPENDIX B WP-437 RU22 FINAL DATA

WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-21807-S	2/8/1999	URANIUM-238	1.24	2.48	PCI/G
SC-21810-S	4/1/1999	URANIUM-238	1.41	2.82	PCI/G
SC-21811-S	4/1/1999	URANIUM-238	1.32	2.64	PCI/G
SC-21812-S	4/2/1999	URANIUM-238	1.37	2.74	PCI/G
SC-21813-S	2/8/1999	URANIUM-238	1.31	2.62	PCI/G
SC-21814-S	2/8/1999	URANIUM-238	1.27	2.54	PCI/G
SC-21815-C	3/16/1999	URANIUM-238	1.285	2.57	PCI/G
SC-21815-S	3/16/1999	URANIUM-238	1.045	2.09	PCI/G
SC-21817-S	4/1/1999	URANIUM-238	1.34	2.68	PCI/G
SC-21818-S	2/8/1999	URANIUM-238	1.3	2.6	PCI/G
SC-21819-S	2/8/1999	URANIUM-238	1.285	2.57	PCI/G
SC-21820-S	3/16/1999	URANIUM-238	0.94	1.88	PCI/G
SC-21823-S	2/8/1999	URANIUM-238	1.315	2.63	PCI/G
SC-21824-S	3/16/1999	URANIUM-238	1.455	2.91	PCI/G
SC-21901-S	2/25/1999	URANIUM-238	1.235	2.47	PCI/G
SC-21902-S	4/1/1999	URANIUM-238	1.315	2.63	PCI/G
SC-21903-S	4/1/1999	URANIUM-238	1.545	3.09	PCI/G
SC-21904-S	4/1/1999	URANIUM-238	1.35	2.7	PCI/G
SC-21905-S	4/1/1999	URANIUM-238	1.275	2.55	PCI/G
SC-21907-S	2/25/1999	URANIUM-238	1.81	2.87	PCI/G
SC-21908-S	2/25/1999	URANIUM-238	1.23	2.46	PCI/G
SC-21909-S	4/1/1999	URANIUM-238	1.345	2.69	PCI/G
SC-21910-S	4/1/1999	URANIUM-238	15.9	3.45	PCI/G
SC-21911-S	4/1/1999	URANIUM-238	1.33	2.66	PCI/G
SC-21914-S	2/25/1999	URANIUM-238	1.38	2.76	PCI/G
SC-21915-S	2/25/1999	URANIUM-238	1.27	2.54	PCI/G
SC-21916-S	4/1/1999	URANIUM-238	1.305	2.61	PCI/G
SC-21917-S	4/1/1999	URANIUM-238	1.24	2.48	PCI/G
SC-21919-S	2/25/1999	URANIUM-238	1.36	2.72	PCI/G
SC-21920-S	2/25/1999	URANIUM-238	1.355	2.71	PCI/G
SC-21921-S	4/1/1999	URANIUM-238	1.19	2.38	PCI/G
SC-21922-S	4/1/1999	URANIUM-238	3.01	2.1	PCI/G
SC-22002-S	3/16/1999	URANIUM-238	1.4	2.8	PCI/G
SC-22004-S	3/2/1999	URANIUM-238	1.565	3.13	PCI/G
SC-22005-S	3/16/1999	URANIUM-238	1.37	2.74	PCI/G
SC-22006-S	3/16/1999	URANIUM-238	1.34	2.68	PCI/G
SC-22007-S	3/16/1999	URANIUM-238	1.315	2.63	PCI/G
SC-22008-S	3/16/1999	URANIUM-238	1.37	2.74	PCI/G
SC-22009-S	3/16/1999	URANIUM-238	1.47	2.94	PCI/G
SC-22010-S	3/16/1999	URANIUM-238	1.31	2.62	PCI/G
SC-22011-S	3/16/1999	URANIUM-238	1.45	2.9	PCI/G
SC-22012-S	3/2/1999	URANIUM-238	1.275	2.55	PCI/G
SC-22013-S	3/2/1999	URANIUM-238	4.37	2.77	PCI/G
SC-22014-S	3/16/1999	URANIUM-238	1.395	2.79	PCI/G
SC-22015-S	3/16/1999	URANIUM-238	34	4.99	PCI/G
SC-22016-S	3/16/1999	URANIUM-238	1.3	2.6	PCI/G
SC-22017-S	3/16/1999	URANIUM-238	1.415	2.83	PCI/G
SC-22018-S	3/16/1999	URANIUM-238	1.385	2.77	PCI/G
SC-22019-C	3/16/1999	URANIUM-238	2.31	1.93	PCI/G
SC-22022-S	3/16/1999	URANIUM-238	1.265	2.53	PCI/G
SC-22023-S	3/16/1999	URANIUM-238	1.515	3.03	PCI/G
SC-22024-S	3/16/1999	URANIUM-238	1.4	2.8	PCI/G
SC-22025-S	3/16/1999	URANIUM-238	1.37	2.74	PCI/G
SC-22026-C	3/16/1999	URANIUM-238	1.36	2.72	PCI/G
SC-22029-C	3/16/1999	URANIUM-238	0.785	1.57	PCI/G

APPENDIX B WP-437 RU22 FINAL DATA

WSSRAP_ID	DATE_SAM	PARAMETER	CONC	DL	UNITS
SC-22030-S	3/16/1999	URANIUM-238	0.775	1.55	PCI/G
SC-22031-C	3/16/1999	URANIUM-238	1.545	3.09	PCI/G

APPENDIX C
RU022 Sample Location Coordinates

WP437 RU22 SAMPLE LOCATION COORDINATES

WSSRAP_ID	DATE_SAM	NORTHING	EASTING	ELEVATION
SC-18901-S	7/30/1999	1042187.91	753957.46	663.04
SC-18902-S	6/7/2000	1042171.77	753985.89	663.15
SC-18903-S	6/7/2000	1042155.78	754014.55	663.23
SC-18904-S	6/7/2000	1042139.35	754043.05	663.09
SC-18905-S	4/17/2000	1042123.41	754071.90	660.44
SC-18906-S	7/30/1999	1042159.40	753941.02	665.65
SC-18907-S	6/7/2000	1042143.27	753969.84	668.37
SC-18908-S	6/7/2000	1042126.77	753998.49	665.11
SC-18909-S	9/30/1999	1042110.58	754026.98	663.89
SC-18909-S-RS	6/7/2000	1042110.58	754026.98	663.89
SC-18910-C	4/17/2000	1042105.26	754069.83	662.57
SC-18910-S	4/17/2000	1042094.61	754055.77	661.06
SC-18911-S	7/30/1999	1042130.49	753925.19	663.42
SC-18912-S	7/30/1999	1042114.50	753954.11	662.28
SC-18913-S	6/5/2000	1042097.98	753982.38	667.98
SC-18914-S	9/30/1999	1042082.37	754011.21	664.68
SC-18914-S-RS	10/5/1999	1042082.16	754010.79	662.36
SC-18914-S-RS2	6/5/2000	1042082.16	754010.79	662.36
SC-18915-S	4/17/2000	1042066.19	754039.62	662.39
SC-18915-S-RS	4/27/2000	1042066.30	754039.54	660.35
SC-18916-S	7/30/1999	1042102.26	753909.39	661.94
SC-18917-S	7/30/1999	1042085.52	753937.86	660.94*
SC-18918-S	7/30/1999	1042070.00	753966.29	667.80
SC-18919-S	9/30/1999	1042051.29	753994.86	668.26
SC-18919-S-RS	10/5/1999	1042053.47	753995.12	660.16*
SC-18919-S-RS2	6/5/2000	1042053.33	753995.18	658.15*
SC-18920-C	6/5/2000	1042047.08	754039.49	660.24
SC-18920-S	6/5/2000	1042037.34	754023.81	656.48
SC-18921-S	7/30/1999	1042072.59	753892.58	660.82
SC-18922-S	7/30/1999	1042057.22	753921.96	659.58
SC-18923-S	7/30/1999	1042041.36	753950.25	661.81
SC-18924-C	4/6/2000	1042016.23	753994.15	660.30
SC-18924-C-RS	4/17/2000	1042013.40	753993.44	659.38
SC-18924-C-RS2	4/27/2000	1042013.68	753992.54	659.26
SC-18924-C-RS3	5/1/2000	1042016.23	753994.15	660.30
SC-18924-S	9/30/1999	1042024.83	753979.06	665.66
SC-18924-S-RS	10/5/1999	1042024.84	753979.09	668.34*
SC-18925-C	6/5/2000	1042017.95	754024.29	650.91
SC-18925-S	5/12/2000	1042009.00	754007.60	662.18
SC-19001-S	8/4/1999	1042268.26	753814.06	666.22
SC-19002-S	8/4/1999	1042251.63	753842.38	665.41
SC-19003-S	11/9/1999	1042235.51	753871.43	662.52*
SC-19004-S	7/30/1999	1042219.89	753900.19	663.48
SC-19005-S	7/30/1999	1042203.88	753929.06	663.69
SC-19006-S	8/3/1999	1042239.48	753798.07	671.94
SC-19007-S	8/3/1999	1042223.62	753826.81	672.42
SC-19008-S	7/30/1999	1042207.84	753855.47	672.11
SC-19009-S	7/30/1999	1042191.82	753884.29	669.86
SC-19010-S	7/30/1999	1042176.08	753913.11	665.47
SC-19011-S	8/3/1999	1042210.73	753782.07	663.75
SC-19012-S	8/3/1999	1042194.72	753810.88	664.87
SC-19013-S	7/30/1999	1042178.61	753839.84	664.75
SC-19014-S	7/30/1999	1042163.14	753868.15	664.55
SC-19015-S	7/30/1999	1042146.61	753896.84	663.71
SC-19016-S	8/3/1999	1042182.37	753766.12	665.00
SC-19016-S-RS	8/19/1999	1042181.17	753771.59	663.27
SC-19017-S	8/3/1999	1042166.18	753794.99	663.67
SC-19018-S	7/30/1999	1042149.70	753823.38	664.42
SC-19019-S	7/30/1999	1042133.61	753852.15	662.42
SC-19020-S	7/30/1999	1042118.03	753880.82	662.34
SC-19021-C	8/3/1999	1042160.14	753772.56	663.85
SC-19021-S	8/3/1999	1042153.47	753749.97	663.10
SC-19021-S-HS01	8/18/1999	1042168.52	753761.88	661.47
SC-19021-S-RS01	8/19/1999	1042135.22	753751.99	662.74*
SC-19021-S-RS02	9/8/1999	1042168.11	753760.23	661.48
SC-19022-S	8/3/1999	1042137.51	753778.59	663.19
SC-19022-S-HS01	8/18/1999	1042137.03	753778.70	663.08*
SC-19022-S-RS01	8/19/1999	1042125.60	753770.74	660.92
SC-19023-S	7/30/1999	1042121.27	753807.04	663.17
SC-19023-S-HS01	8/18/1999	1042133.17	753800.49	661.30

WP437 RU22 SAMPLE LOCATION COORDINATES

WSSRAP_ID	DATE_SAM	NORTHING	EASTING	ELEVATION
SC-19023-S-RS01	8/19/1999	1042097.72	753816.31	661.30
SC-19023-S-RS02	9/8/1999	1042133.17	753800.49	660.78
SC-19024-S	7/30/1999	1042105.66	753835.39	662.42
SC-19024-S-RS01	9/8/1999	1042118.41	753844.89	661.12
SC-19025-S	7/30/1999	1042089.28	753864.55	661.18
SC-19101-S	8/4/1999	1042347.72	753671.35	664.79
SC-19102-S	8/4/1999	1042332.26	753699.89	666.53
SC-19103-S	8/4/1999	1042315.97	753728.46	667.39
SC-19104-S	8/4/1999	1042300.42	753757.04	666.59
SC-19105-S	8/4/1999	1042283.83	753785.16	666.36
SC-19106-S	8/5/1999	1042319.63	753655.11	671.53
SC-19107-S	8/5/1999	1042303.67	753683.64	670.08
SC-19107-S-RS	8/19/1999	1042305.68	753683.16	668.98
SC-19108-S	8/5/1999	1042287.80	753712.14	671.54
SC-19109-S	8/5/1999	1042271.60	753741.00	671.08
SC-19110-S	8/5/1999	1042255.74	753769.68	671.79
SC-19111-S	8/5/1999	1042290.94	753638.90	663.48
SC-19112-S	8/5/1999	1042274.98	753667.56	663.27
SC-19113-S	8/5/1999	1042258.55	753696.06	664.63
SC-19114-S	8/5/1999	1042242.80	753724.90	663.96
SC-19115-S	8/5/1999	1042226.75	753753.60	665.55
SC-19116-S	8/5/1999	1042262.36	753623.07	660.92
SC-19117-S	8/5/1999	1042246.35	753651.75	663.05
SC-19118-S	8/5/1999	1042230.61	753680.14	663.11
SC-19119-S	8/5/1999	1042214.09	753708.83	664.24
SC-19120-S	8/5/1999	1042198.23	753737.32	664.56
SC-19121-S	8/5/1999	1042233.81	753607.00	662.17
SC-19122-S	8/5/1999	1042217.76	753635.39	662.94
SC-19123-S	8/5/1999	1042201.75	753664.08	663.17
SC-19124-S	8/5/1999	1042185.60	753692.68	661.52
SC-19125-C	8/5/1999	1042175.75	753743.73	664.34
SC-19125-S	8/5/1999	1042169.74	753721.57	663.26
SC-19202-S	10/26/1999	1042380.31	753613.66	659.23
SC-19203-S	10/26/1999	1042363.72	753642.42	661.24*
SC-19205-C	10/26/1999	1042371.47	753592.65	658.54
SC-19205-S	10/26/1999	1042367.45	753569.07	657.74
SC-19206-S	10/26/1999	1042351.73	753597.20	659.60
SC-19207-S	8/4/1999	1042335.42	753626.17	665.24
SC-19209-S	10/26/1999	1042338.61	753553.33	658.68
SC-19210-S	8/4/1999	1042322.69	753582.50	663.03
SC-19211-S	8/5/1999	1042306.82	753610.20	671.12
SC-19213-C	10/26/1999	1042331.20	753531.27	658.21
SC-19213-S	10/26/1999	1042326.05	753508.93	657.55
SC-19214-S	8/4/1999	1042309.72	753538.01	660.74
SC-19215-S	8/4/1999	1042293.87	753565.71	672.42*
SC-19216-S	8/5/1999	1042278.87	753594.38	669.58
SC-19217-C	10/26/1999	1042314.45	753490.78	657.41
SC-19218-S	10/26/1999	1042297.30	753492.43	657.28*
SC-19219-S	8/4/1999	1042281.63	753521.15	666.53
SC-19220-S	8/5/1999	1042265.46	753549.72	673.36
SC-19221-S	8/5/1999	1042249.51	753578.37	661.35
SC-19223-S	10/26/1999	1042285.62	753447.67	656.03
SC-19224-S	8/4/1999	1042269.00	753476.49	664.51
SC-19225-S	8/5/1999	1042252.91	753505.03	672.48
SC-19226-S	8/5/1999	1042237.36	753533.67	662.18
SC-19227-S	8/5/1999	1042221.21	753562.47	661.56
SC-19301-S	7/30/1999	1042044.79	753877.23	661.11
SC-19301-S-HS01	8/9/1999	1042049.19	753879.90	661.17
SC-19301-S-HS02	8/9/1999	1042041.47	753881.02	661.02
SC-19301-S-HS03	8/9/1999	1042040.07	753874.06	661.05
SC-19301-S-HS04	8/9/1999	1042046.99	753872.43	661.13
SC-19301-S-RS	8/19/1999	1042047.60	753881.07	659.27
SC-19302-S	7/30/1999	1042028.83	753905.84	659.62
SC-19303-S	7/30/1999	1042012.60	753934.67	660.09
SC-19304-S	4/6/2000	1041990.45	753964.78	665.91
SC-19304-S-RS	4/27/2000	1041990.45	753964.78	664.69*
SC-19305-S	4/6/2000	1041979.72	753991.37	664.38
SC-19305-S-RS	4/27/2000	1041978.48	753990.60	663.00
SC-19306-S	7/30/1999	1042016.19	753861.35	660.91
SC-19307-S	7/30/1999	1042000.01	753889.87	659.94

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SC-19308-S	7/30/1999	1041983.97	753918.76	659.76
SC-19309-S	7/30/1999	1041966.92	753953.63	665.69
SC-19309-S-RS	8/19/1999	1041967.92	753947.10	665.09
SC-19309-S-RS2	4/6/2000	1041967.59	753947.03	664.06
SC-19310-S	4/6/2000	1041951.53	753975.71	665.21
SC-19310-S-RS	4/27/2000	1041952.72	753976.02	663.55
SC-19311-S	7/30/1999	1041987.75	753845.28	659.55
SC-19312-S	7/30/1999	1041971.54	753873.68	659.33
SC-19313-S	7/30/1999	1041955.59	753902.55	659.73
SC-19314-S	7/30/1999	1041939.80	753931.44	661.60
SC-19315-S	4/6/2000	1041922.57	753959.42	664.58
SC-19316-S	7/30/1999	1041959.23	753829.53	659.20
SC-19317-S	5/2/2000	1041942.54	753857.88	659.00
SC-19318-S	5/2/2000	1041926.46	753886.29	658.14
SC-19319-S	5/2/2000	1041910.35	753914.99	661.78
SC-19320-C	4/6/2000	1041900.19	753965.27	662.14
SC-19320-S	4/6/2000	1041893.91	753943.52	666.29
SC-19401-S	8/3/1999	1042125.25	753734.17	662.13
SC-19402-S	8/3/1999	1042108.83	753762.89	659.84
SC-19403-S	7/30/1999	1042093.52	753791.77	661.89
SC-19404-S	7/30/1999	1042077.34	753819.59	662.06
SC-19405-S	7/30/1999	1042060.83	753848.50	661.82
SC-19406-S	8/3/1999	1042096.44	753717.99	661.42
SC-19407-S	8/3/1999	1042080.02	753746.68	661.09
SC-19408-S	7/30/1999	1042064.96	753775.42	661.26
SC-19409-S	7/30/1999	1042047.66	753804.19	661.65
SC-19410-S	7/30/1999	1042031.92	753833.01	661.36
SC-19411-S	8/3/1999	1042067.91	753701.79	661.15
SC-19412-S	8/3/1999	1042051.91	753730.49	660.99
SC-19413-S	7/30/1999	1042034.69	753758.64	660.90
SC-19414-S	7/30/1999	1042019.12	753787.63	660.43
SC-19415-S	7/30/1999	1042003.48	753816.54	660.06
SC-19416-S	8/3/1999	1042039.15	753686.11	660.87
SC-19417-S	8/3/1999	1042023.23	753714.44	657.98
SC-19418-S	8/3/1999	1042007.01	753743.41	660.12
SC-19419-S	8/3/1999	1041991.41	753772.00	660.05
SC-19420-S	7/30/1999	1041975.30	753800.90	659.66
SC-19501-S	8/5/1999	1042204.97	753591.07	662.03
SC-19502-S	8/5/1999	1042188.83	753619.78	662.64
SC-19503-S	8/5/1999	1042173.09	753648.14	663.04
SC-19504-S	8/5/1999	1042157.14	753677.03	661.22
SC-19505-S	8/5/1999	1042140.99	753705.53	660.45
SC-19506-S	8/5/1999	1042176.22	753574.87	662.13
SC-19507-S	8/5/1999	1042160.45	753603.40	662.22
SC-19508-S	8/5/1999	1042144.48	753631.66	662.73
SC-19509-S	8/5/1999	1042128.34	753660.70	659.41
SC-19510-S	8/5/1999	1042112.62	753689.52	656.01
SC-19511-S	8/5/1999	1042147.79	753558.68	662.51
SC-19512-S	8/5/1999	1042131.63	753587.44	662.28
SC-19513-S	8/5/1999	1042115.87	753616.39	662.42
SC-19514-S	8/5/1999	1042099.73	753644.88	658.24
SC-19515-S	8/5/1999	1042084.16	753673.50	658.49
SC-19516-S	8/5/1999	1042119.26	753542.87	662.56
SC-19517-S	8/5/1999	1042103.26	753571.61	660.89
SC-19518-S	8/5/1999	1042087.36	753600.15	660.79
SC-19518-S-RS	8/19/1999	1042088.04	753599.13	659.31
SC-19519-S	8/5/1999	1042071.02	753628.97	659.73
SC-19520-S	8/5/1999	1042055.28	753657.21	659.03
SC-19601-S	10/26/1999	1042272.22	753403.28	657.59
SC-19602-S	8/4/1999	1042256.37	753432.15	662.13
SC-19603-S	8/4/1999	1042239.83	753460.43	671.14
SC-19604-S	8/5/1999	1042224.34	753489.02	663.94
SC-19605-S	8/5/1999	1042208.49	753517.52	660.33
SC-19606-S	8/5/1999	1042192.35	753546.21	661.52
SC-19608-S	10/26/1999	1042243.94	753386.82	659.99
SC-19609-S	10/26/1999	1042228.09	753414.96	664.66
SC-19610-S	8/26/1999	1042211.96	753444.00	668.40
SC-19610-S-RS	9/8/1999	1042209.70	753443.31	664.79
SC-19611-S	8/26/1999	1042195.46	753472.28	660.21
SC-19612-S	8/5/1999	1042179.61	753501.59	659.63

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SC-19613-S	8/5/1999	1042163.94	753530.34	660.24
SC-19615-S	11/2/1999	1042230.87	753342.44	657.60*
SC-19616-S	10/26/1999	1042214.84	753371.07	663.26*
SC-19617-S	10/26/1999	1042199.92	753399.26	666.50
SC-19618-S	8/26/1999	1042183.58	753427 84	664.87
SC-19619-S	8/26/1999	1042167.22	753456.63	663.13
SC-19620-S	8/26/1999	1042151 73	753485 16	662.93
SC-19621-S	8/5/1999	1042135.23	753514 31	662.64
SC-19621-S-RS01	9/8/1999	1042137.44	753517.05	661.55
SC-19701-S	5/1/2000	1041862.32	754000.60	663.28
SC-19701-U	5/2/2000	1041775.04	754002.40	664.93
SC-19702-C	5/22/2000	1041848.00	754067.00	661.45*
SC-19702-S	5/1/2000	1041846.10	754029.81	660.81
SC-19702-U	5/2/2000	1041769.23	754017.18	664.89
SC-19703-S	5/1/2000	1041830.21	754057.71	657 70
SC-19704-S	5/1/2000	1041814.03	754086.51	660.91
SC-19705-S	5/1/2000	1041798.08	754115.40	661.46
SC-19706-S	5/1/2000	1041782.07	754143.89	660.90
SC-19707-S	4/17/2000	1041766.57	754172.82	660.68
SC-19708-S	5/1/2000	1041833.91	753984.65	669.03
SC-19709-S	5/1/2000	1041817.53	754013.69	669.03
SC-19710-S	5/1/2000	1041801 42	754042.31	668.41
SC-19711-S	5/1/2000	1041785.20	754070.67	667.29
SC-19712-S	5/1/2000	1041769.49	754098.96	667.46
SC-19713-S	5/1/2000	1041753.51	754128.00	664 73
SC-19714-S	5/1/2000	1041737.64	754156.62	660 70
SC-19715-S	5/1/2000	1041804.88	753968.81	665.62
SC-19716-S	5/1/2000	1041788.75	753997.43	666.94
SC-19717-S	5/1/2000	1041773.17	754026.63	667.37
SC-19718-S	5/1/2000	1041756.79	754054.45	666 68
SC-19719-S	5/1/2000	1041740.82	754083.58	665 61
SC-19720-S	5/1/2000	1041724 96	754111 86	664.07
SC-19721-S	5/1/2000	1041708 82	754140.53	661.80
SC-19722-S	3/31/2000	1041776 37	753952.78	664.26
SC-19723-S	3/29/2000	1041760.34	753981.41	665 94
SC-19724-S	3/29/2000	1041744.32	754010.04	666 12
SC-19725-S	2/29/2000	1041728.30	754038 70	666 28
SC-19726-S	2/29/2000	1041712.30	754067 30	662.86
SC-19727-S	4/29/2000	1041696.31	754095.93	665 51
SC-19728-S	4/29/2000	1041680.12	754124.62	664 21
SC-19801-C	5/12/2000	1041882.25	753988.60	658.57
SC-19801-S	5/1/2000	1041878.40	753972 33	663 94
SC-19801-S-RS	5/11/2000	1041878.29	753972.28	662 77
SC-19802-S	5/2/2000	1041913 76	753841 70	657.02
SC-19803-S	5/2/2000	1041897.77	753870.41	659 76
SC-19804-S	5/2/2000	1041881.69	753899.07	661 10
SC-19805-S	5/2/2000	1041865.72	753927 61	666.68
SC-19806-S	5/1/2000	1041849.81	753956 17	668 62
SC-19807-S	5/2/2000	1041833.91	753984.65	669 03
SC-19808-S	5/2/2000	1041869.07	753854 31	659 53
SC-19809-S	5/2/2000	1041853.14	753883.00	662 14
SC-19810-S	5/1/2000	1041837.32	753911 71	663 06
SC-19811-S	5/1/2000	1041821.07	753940.18	664.71
SC-19812-S	4/5/2000	1041856.51	753809.65	658 05
SC-19812-S-HS01	4/5/2000	1041859.30	753806.77	656.47
SC-19812-S-HS02	4/5/2000	1041857.40	753820 96	657.33
SC-19812-S-RS01	4/10/2000	1041859.69	753808.05	655.60*
SC-19812-S-RS02	4/10/2000	1041856.76	753821.18	656.59*
SC-19813-S	4/5/2000	1041840.48	753838.27	659 95
SC-19814-S	5/2/2000	1041824.37	753866.87	660 78
SC-19815-S	5/2/2000	1041808.54	753895.61	661.31
SC-19816-S	4/5/2000	1041792.40	753924.15	663 52
SC-19816-S-HS01	4/5/2000	1041790.84	753899.35	661 88
SC-19817-S	3/31/2000	1041827.88	753793.62	658.14
SC-19818-S	4/5/2000	1041811.85	753822.25	658.83
SC-19819-S	4/5/2000	1041795.82	753850 87	659 15
SC-19820-S	3/31/2000	1041779.80	753879.50	662.13
SC-19821-S	3/31/2000	1041763 77	753908 13	662.88
SC-19901-S	8/3/1999	1041978.57	753727 14	658 25
SC-19902-S	8/3/1999	1041962 12	753756 00	659 00

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SC-19903-S	7/30/1999	1041946.45	753784.58	658.08
SC-19904-S	7/30/1999	1041930.27	753813.24	657.77
SC-19905-S	8/3/1999	1041949.87	753711.02	658.79
SC-19906-S	8/3/1999	1041805.01	753742.14	651.31
SC-19907-S	7/30/1999	1041917.51	753768.52	657.36
SC-19908-S	7/30/1999	1041901.57	753797.08	656.58
SC-19909-S	8/3/1999	1041921.31	753695.17	658.62
SC-19910-S	8/3/1999	1041905.31	753723.77	656.78
SC-19911-S	7/30/1999	1041888.18	753753.37	656.23
SC-19912-S	3/31/2000	1041872.53	753781.02	655.51
SC-19913-S	8/3/1999	1041892.45	753678.74	656.80
SC-19914-S	8/3/1999	1041876.59	753707.82	655.91
SC-19915-S	3/31/2000	1041859.93	753736.37	654.53
SC-19916-S	3/31/2000	1041843.91	753764.99	654.84
SC-19917-S	8/3/1999	1041863.29	753663.35	656.92
SC-19918-S	3/31/2000	1041847.33	753691.71	654.84
SC-19919-S	3/31/2000	1041831.31	753720.34	655.99
SC-19920-S	3/31/2000	1041815.28	753748.97	652.08
SC-19920-S-HS01	4/5/2000	1041803.03	753740.36	653.37*
SC-19920-S-HS02	4/5/2000	1041805.65	753739.70	652.51*
SC-19920-S-RS01	4/14/2000	1041802.41	753739.02	652.61
SC-19920-S-RS02	4/14/2000	1041806.49	753738.73	651.76
SC-20001-S	8/3/1999	1042058.54	753584.02	661.48
SC-20001-S-RS	8/19/1999	1042059.51	753585.41	659.35
SC-20002-S	8/3/1999	1042042.61	753612.54	661.01
SC-20003-S	8/3/1999	1042026.31	753641.33	660.78
SC-20004-S	8/3/1999	1042010.38	753670.12	660.69
SC-20005-S	8/3/1999	1041994.42	753698.43	660.00
SC-20006-S	8/31/1999	1042030.43	753567.80	660.92
SC-20007-S	8/3/1999	1042014.29	753596.82	659.70
SC-20008-S	8/3/1999	1041997.68	753625.24	660.34
SC-20009-S	8/3/1999	1041978.78	753670.87	662.63
SC-20010-S	8/3/1999	1041965.76	753682.59	659.49
SC-20011-S	8/26/1999	1042001.61	753551.65	660.52
SC-20012-S	8/26/1999	1041985.66	753580.23	660.22
SC-20012-S-RS	9/8/1999	1041987.32	753578.86	659.34
SC-20013-S	8/3/1999	1041969.02	753609.27	659.93
SC-20013-S-RS01	9/8/1999	1041964.13	753611.51	658.33
SC-20014-S	8/3/1999	1041953.29	753637.83	658.01
SC-20015-S	8/3/1999	1041937.39	753666.50	658.23
SC-20016-S	8/26/1999	1041973.08	753535.48	665.86
SC-20017-S	8/26/1999	1041986.38	754826.46	652.37
SC-20018-S	8/3/1999	1041940.63	753593.34	660.14
SC-20019-S	8/3/1999	1041924.76	753622.10	659.36
SC-20020-S	8/3/1999	1041908.69	753650.64	658.16
SC-20101-C	6/30/1999	1042217.23	753325.18	655.76
SC-20102-S	6/30/1999	1042201.79	753326.65	654.80
SC-20103-S	6/30/1999	1042185.70	753355.13	655.26
SC-20105-S	6/30/1999	1042189.55	753281.43	653.40
SC-20106-S	6/30/1999	1042173.29	753310.68	653.05
SC-20107-S	6/30/1999	1042157.09	753339.26	653.63
SC-20108-C	6/30/1999	1042178.05	753263.10	651.66
SC-20109-S	6/30/1999	1042160.20	753265.82	650.09
SC-20110-S	6/30/1999	1042144.45	753294.30	651.27
SC-20111-S	6/30/1999	1042128.36	753322.74	652.31
SC-20113-S	6/30/1999	1042148.23	753221.13	648.44
SC-20114-S	6/30/1999	1042131.81	753249.73	648.56
SC-20115-S	6/30/1999	1042115.94	753278.38	649.82
SC-20116-S	6/30/1999	1042099.58	753306.93	649.96
SC-20116-S-RS	7/10/1999	1042100.34	753306.96	648.43*
SC-20117-C	6/30/1999	1042139.62	753202.60	648.35
SC-20119-S	7/19/1999	1042103.38	753233.51	648.11
SC-20120-S	7/19/1999	1042087.74	753262.31	648.66*
SC-20121-S	6/30/1999	1042071.40	753291.00	648.17
SC-20124-C	7/19/1999	1042070.48	753272.53	647.61
SC-20125-C	6/30/1999	1042051.43	753299.40	647.61
SC-20201-S	6/30/1999	1042170.54	753383.35	660.29
SC-20202-S	6/30/1999	1042154.16	753412.30	666.68*
SC-20203-S	8/26/1999	1042139.07	753440.28	666.37
SC-20204-S	6/30/1999	1042141.39	753367.69	655.07

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SC-20205-S	6/30/1999	1042124.99	753396.59	660.04
SC-20206-S	6/30/1999	1042109.51	753424.90	666.06*
SC-20207-S	6/30/1999	1042112.78	753351.55	653.69
SC-20208-S	6/30/1999	1042096.79	753380.06	656.12
SC-20209-S	6/30/1999	1042080 64	753408.89	658.94
SC-20209-S-RS	7/10/1999	1042080.88	753408.87	658.19*
SC-20210-S	6/30/1999	1042083.54	753335.61	651.36
SC-20211-S	6/30/1999	1042067.93	753363.87	654.37
SC-20212-S	6/30/1999	1042051.93	753392.82	655.82
SC-20213-S	6/30/1999	1042055.17	753319.73	649.39
SC-20214-S	6/30/1999	1042039.40	753348.46	650.27
SC-20215-S	6/30/1999	1042023.22	753376.90	649.69
SC-20216-S	6/30/1999	1042007.45	753405.41	649.25
SC-20218-S	7/19/1999	1042010.69	753331.64	644 78
SC-20219-S	7/19/1999	1041994.67	753360.61	644.11
SC-20220-C	7/19/1999	1041987.30	753413.07	649 76
SC-20301-S	8/26/1999	1042122.88	753469.40	662.56
SC-20302-S	8/26/1999	1042106.66	753497.88	662 45
SC-20303-S	8/26/1999	1042090.90	753526.32	661.67
SC-20304-S	8/5/1999	1042074.32	753555.62	661.03
SC-20305-S	8/31/1999	1042094.22	753452.90	668.38
SC-20306-S	8/26/1999	1042078 11	753481.68	666.25
SC-20307-S	8/26/1999	1042062 35	753510.55	662.64*
SC-20307-S-RS	9/8/1999	1042058.47	753510.91	660.94
SC-20307-S-RS2	9/13/1999	1042064.01	753509.86	659.21
SC-20308-S	8/31/1999	1042046.54	753539 04	659.54
SC-20309-S	6/30/1999	1042064.85	.753437 50	660.19*
SC-20310-S	6/30/1999	1042052.17	753464.91	663.70
SC-20311-S	8/31/1999	1042033.64	753494 64	666.03
SC-20312-S	8/26/1999	1042017.19	753523.05	666.73
SC-20313-S	6/30/1999	1042035.49	753421.43	656 71
SC-20314-S	6/30/1999	1042020.20	753450.10	658 43*
SC-20315-S	6/30/1999	1042001.71	753482.82	659 89
SC-20316-S	8/31/1999	1041989.34	753508.02	662 82
SC-20317-S	7/19/1999	1041991.29	753434 10	652.09
SC-20319-S	9/1/1999	1041960.12	753491 45	657 50
SC-20401-S	8/31/1999	1041944.02	753519.57	663.71
SC-20402-S	8/26/1999	1041928.25	753548.16	660.14
SC-20403-S	8/26/1999	1041912.43	753577.25	659.61
SC-20404-S	8/3/1999	1041896.05	753605 71	659.28
SC-20405-S	8/3/1999	1041879.66	753634.52	658.61
SC-20406-S	8/31/1999	1041915.38	753503.87	658.07
SC-20407-S	8/31/1999	1041899 39	753531 98	665.18
SC-20408-S	8/26/1999	1041883.82	753560.90	659.44
SC-20409-S	8/26/1999	1041867.81	753589.42	658.48
SC-20410-S	8/26/1999	1041851 19	753618.01	658.22
SC-20411-S	4/3/2000	1041886.40	753488.08	654.64
SC-20412-S	8/31/1999	1041870.87	753516.15	662 08
SC-20413-S	8/26/1999	1041855.20	753545 03	660 16
SC-20414-S	8/26/1999	1041839.19	753573 78	660 39
SC-20414-S-RS	3/24/2000	1041838.63	753573.52	659 46
SC-20415-S	8/26/1999	1041823.11	753601.93	661.83
SC-20415-S-RS	3/24/2000	1041822.13	753602.40	659 07
SC-20417-S	8/31/1999	1041842.54	753500.01	658 11
SC-20418-S	8/31/1999	1041826.48	753528.44	665 15
SC-20419-S	3/17/2000	1041809 53	753557.75	664.00
SC-20420-S	3/17/2000	1041793.51	753586.38	663.23
SC-20501-S	3/31/2000	1041799.25	753777.59	657.02
SC-20501-U	4/26/2000	1041778.26	753722.47	654.11
SC-20502-S	3/31/2000	1041783.22	753806.20	658.29
SC-20503-S	8/26/1999	1041835.70	753646.84	657.98
SC-20503-S-RS	3/24/2000	1041834.73	753647.06	657.28
SC-20504-S	3/31/2000	1041818.71	753675.68	656 87
SC-20505-S	3/31/2000	1041805 65	753739 70	652.36
SC-20506-S	3/31/2000	1041786.65	753732.94	660 31
SC-20506-S-RS	4/14/2000	1041786.65	753732 94	657 84
SC-20507-S	3/31/2000	1041770.62	753761.57	656 20
SC-20508-S	3/31/2000	1041754.60	753790.19	658 35
SC-20509-S	3/24/2000	1041806.11	753631.03	657 75
SC-20510-S	3/17/2000	1041790.08	753659 66	661 16

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SC-20511-S	3/17/2000	1041774.05	753688.28	652.94
SC-20512-S	3/17/2000	1041778.26	753722.47	654.11
SC-20513-S	3/31/2000	1041742.00	753745.54	656.16
SC-20514-S	3/31/2000	1041725.97	753774.17	657.58
SC-20515-S	3/17/2000	1041777.48	753615.00	655.54
SC-20516-S	3/17/2000	1041761.45	753643.63	647.40
SC-20517-S	3/17/2000	1041745.42	753672.26	643.51
SC-20518-S	3/17/2000	1041729.40	753700.89	646.30
SC-20519-S	3/17/2000	1041714.90	753732.91	653.00
SC-20519-S-RS	3/28/2000	1041714.90	753732.91	652.21
SC-20520-S	3/31/2000	1041697.34	753758.14	656.55
SC-20601-S	3/31/2000	1041747.74	753936.75	663.25
SC-20602-S	3/31/2000	1041767.20	753834.85	659.98
SC-20603-S	3/31/2000	1041751.17	753863.47	661.22
SC-20604-S	3/31/2000	1041735.14	753892.10	662.26
SC-20605-S	3/31/2000	1041719.12	753920.73	662.79
SC-20606-S	3/31/2000	1041738.57	753818.82	659.03
SC-20607-S	3/31/2000	1041722.54	753847.45	660.28
SC-20608-S	3/31/2000	1041706.52	753876.07	661.32
SC-20609-S	3/29/2000	1041690.49	753904.70	661.13
SC-20610-S	3/31/2000	1041709.94	753802.79	657.82
SC-20611-S	3/31/2000	1041693.92	753831.42	658.58
SC-20612-S	3/29/2000	1041677.89	753860.05	659.70
SC-20613-S	3/29/2000	1041661.86	753888.67	658.08
SC-20614-S	3/29/2000	1041681.32	753786.77	657.28
SC-20615-S	3/29/2000	1041665.29	753815.39	657.97
SC-20616-S	3/29/2000	1041649.26	753844.02	657.09
SC-20617-S	3/29/2000	1041633.24	753872.65	659.97
SC-20618-S	3/29/2000	1041652.79	753770.75	658.33
SC-20619-S	3/29/2000	1041636.57	753799.35	657.75
SC-20620-S	3/29/2000	1041620.70	753828.01	660.22
SC-20621-S	3/29/2000	1041604.72	753856.65	661.03
SC-20701-S	3/29/2000	1041731.72	753965.38	664.91
SC-20702-S	3/29/2000	1041715.69	753994.01	663.49
SC-20703-S	3/29/2000	1041699.66	754022.64	662.38
SC-20704-S	3/29/2000	1041703.09	753949.35	663.06
SC-20705-S	3/29/2000	1041687.06	753977.98	659.74
SC-20706-S	3/29/2000	1041671.04	754006.61	659.65
SC-20707-S	3/29/2000	1041674.46	753933.33	660.95
SC-20708-S	3/29/2000	1041658.44	753961.95	664.21
SC-20709-S	3/29/2000	1041642.41	753990.58	664.12
SC-20710-S	3/29/2000	1041645.84	753917.30	661.94
SC-20711-S	3/29/2000	1041629.81	753945.93	663.37
SC-20712-S	3/29/2000	1041613.78	753974.55	664.84
SC-20713-S	3/29/2000	1041617.21	753901.27	660.69
SC-20714-S	3/29/2000	1041601.18	753929.90	662.47
SC-20715-S	3/29/2000	1041585.16	753958.53	664.30
SC-20716-S	4/6/2000	1041588.66	753885.27	661.42
SC-20717-S	4/6/1999	1041572.66	753913.93	661.84
SC-20718-S	4/6/1999	1041556.74	753942.65	661.59
SC-20801-C	2/29/2000	1041690.00	754073.60	663.09
SC-20801-S	2/29/2000	1041683.60	754051.30	666.53
SC-20801-S-RS	4/14/2000	1041683.64	754051.26	665.47
SC-20802-S	4/29/2000	1041667.65	754080.15	666.59
SC-20803-S	4/29/2000	1041651.54	754108.44	665.00
SC-20804-S	4/14/2000	1041655.11	754035.00	665.84
SC-20805-S	4/14/2000	1041638.91	754063.82	664.88
SC-20806-S	4/29/2000	1041622.89	754092.46	666.19
SC-20807-S	4/14/2000	1041626.25	754019.20	667.98
SC-20808-S	4/14/2000	1041610.74	754047.90	665.49
SC-20809-S	4/29/2000	1041594.48	754076.39	667.11
SC-20810-S	4/29/2000	1041578.81	754104.66	664.14
SC-20811-S	4/14/2000	1041597.96	754003.23	669.02
SC-20812-S	4/14/2000	1041581.74	754031.81	666.01
SC-20813-S	4/29/2000	1041565.74	754060.36	667.61
SC-20814-S	4/29/2000	1041549.59	754088.55	666.32
SC-20815-S	4/14/2000	1041568.72	753987.13	668.52
SC-20815-S-HS01	4/5/2000	1041563.50	753986.16	667.60
SC-20815-S-HS02	4/5/2000	1041561.86	753983.06	667.61
SC-20815-S-RS01	4/10/2000	1041563.71	753985.83	667.02*

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SC-20815-S-RS01-RS	4/26/2000	1041562.31	753985.24	666.81
SC-20815-S-RS02	4/10/2000	1041563.47	753983.19	666.65*
SC-20816-S	3/13/2000	1041552.86	754015.84	668.21
SC-20816-S-RS	4/14/2000	1041522.92	754015.75	666.12
SC-20817-S	4/21/2000	1041537.08	754044.41	667.26
SC-20818-S	4/19/2000	1041520.95	754073.00	662.04
SC-20819-S	4/19/2000	1041505.12	754101.72	663.04
SC-20820-S	4/6/1999	1041540.90	753971.47	669.28
SC-20820-S-01	3/13/2000	1041540.53	753971.16	661.89
SC-20821-S	4/6/1999	1041524.71	754000.00	670.34
SC-20821-S-01	3/13/2000	1041524.22	753999.86	661.77
SC-20822-S	4/6/1999	1041508.44	754028.34	670.23
SC-20822-S-01	3/13/2000	1041508.23	754028.86	662.13
SC-20823-C	4/19/2000	1041498.73	754079.35	662.42
SC-20823-S	4/19/2000	1041492.28	754056.96	662.43
SC-20824-S	4/19/2000	1041476.54	754085.73	662.14
SC-20901-C	4/19/2000	1041470.06	754063.29	662.14
SC-20901-S	4/19/2000	1041463.75	754040.96	662.10
SC-20902-C	4/19/2000	1041453.49	754089.82	664.44
SC-20902-S	4/19/2000	1041447.81	754069.63	661.99
SC-20903-S	4/19/2000	1041431.75	754098.25	663.77
SC-20904-S	4/19/2000	1041435.28	754025.16	666.03
SC-20905-S	4/19/2000	1041419.16	754053.59	665.02
SC-20906-S	4/19/2000	1041403.09	754082.19	663.95
SC-20907-S	2/5/1999	1041406.41	754008.88	667.33
SC-20908-S	4/26/2000	1041390.75	754037.71	666.79
SC-20909-S	4/19/2000	1041374.67	754066.38	663.22
SC-20910-S	4/19/2000	1041358.59	754095.04	662.92
SC-20911-S	2/5/1999	1041377.87	753992.88	670.39
SC-20912-S	4/26/2000	1041361.56	754021.32	666.24
SC-20913-S	4/19/2000	1041345.89	754050.20	664.59
SC-20914-S	4/26/2000	1041329.91	754079.01	665.95
SC-20915-S	4/13/1999	1041349.33	753977.04	668 62
SC-20916-S	2/5/1999	1041333.22	754005.45	666.05
SC-20917-S	4/26/2000	1041317.14	754033.91	666.02
SC-20918-C	4/26/2000	1041308 01	754080.57	665.88
SC-20918-S	4/26/2000	1041301.24	754063.21	666.15
SC-20919-S	4/2/1999	1041320.67	753960.87	666.24
SC-20920-S	2/5/1999	1041304.59	753989.46	669.98
SC-20921-S	2/5/1999	1041288.59	754018.10	663.74
SC-20924-S	2/8/1999	1041292.04	753944.88	670.87
SC-20925-C	2/5/1999	1041288.82	753996.67	668.27
SC-21001-S	4/6/1999	1041544.30	753898.06	662 04
SC-21001-S-RS	6/2/1999	1041544.38	753897.76	660.63
SC-21002-S	4/6/1999	1041527.74	753926.34	661.47
SC-21003-S	4/6/1999	1041511.80	753955.04	661.84
SC-21004-S	4/6/1999	1041496.00	753983 90	663.97
SC-21004-S-01	3/13/2000	1041495.82	753983.71	662.76
SC-21005-S	4/6/1999	1041479.76	754012.26	670 64
SC-21005-S-01	3/13/2000	1041479.67	754012 44	661.66
SC-21006-S	4/6/1999	1041515.16	753881.73	662.42
SC-21006-S-RS	6/2/1999	1041515.74	753881.80	660.75
SC-21007-S	4/6/1999	1041499.50	753910.63	662.04
SC-21008-S	4/6/1999	1041483.23	753939.05	661.91
SC-21009-S	4/6/1999	1041467.30	753967.80	661.92
SC-21010-S	4/6/1999	1041451.09	753996.16	670.24
SC-21010-S-01	3/13/2000	1041451.10	753996.33	661.90
SC-21011-S	4/6/1999	1041486.96	753865.96	661.68
SC-21012-S	4/6/1999	1041470.27	753894.10	661.98
SC-21012-S-RS	6/2/1999	1041471.03	753894.56	661.10
SC-21013-S	4/2/1999	1041454.63	753923.06	663.35
SC-21014-S	4/2/1999	1041438.63	753951.73	663.94
SC-21014-S-RS	6/2/1999	1041439.00	753951.65	662.65
SC-21015-S	4/2/1999	1041422 61	753980.37	665 63
SC-21016-S	4/2/1999	1041457.95	753849.71	662.28
SC-21017-S	4/2/1999	1041442.01	753878.39	662 76
SC-21017-S-RS	6/2/1999	1041442.12	753878.37	661.41
SC-21018-S	4/2/1999	1041425.90	753906.91	661.92
SC-21019-S	4/2/1999	1041409.99	753935.69	664.27
SC-21020-S	4/2/1999	1041395.45	753960.93	664 79

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SC-21101-S	3/29/2000	1041624.06	753754.71	654.54
SC-21102-S	3/29/2000	1041608.04	753783.33	659.02
SC-21103-S	3/29/2000	1041591.95	753811.95	660.00
SC-21104-S	4/6/1999	1041575.94	753840.58	660.71
SC-21105-S	4/6/1999	1041559.98	753869.23	661.82
SC-21105-S-RS	6/2/1999	1041560.18	753869.20	660.86
SC-21106-S	3/29/2000	1041595.37	753738.69	658.74
SC-21107-S	4/2/1999	1041579.28	753767.30	659.66
SC-21107-S-RS	4/12/2000	1041579.41	753767.31	658.89
SC-21108-S	6/15/1999	1041563.22	753795.91	658.85
SC-21109-S	4/6/1999	1041547.28	753824.54	660.47
SC-21109-S-RS	6/2/1999	1041547.64	753824.73	659.45
SC-21110-S	4/6/1999	1041531.21	753853.14	661.29
SC-21110-S-RS	6/2/1999	1041531.67	753853.29	660.18
SC-21111-S	4/2/1999	1041566.78	753722.66	659.15
SC-21112-S	4/2/1999	1041550.72	753751.29	660.41
SC-21113-S	4/2/1999	1041534.76	753779.91	660.78
SC-21114-S	4/2/1999	1041517.86	753807.59	662.74
SC-21115-S	4/2/1999	1041503.06	753837.28	659.94
SC-21116-S	4/1/1999	1041538.02	753706.65	659.53
SC-21117-S	4/2/1999	1041522.14	753735.26	660.70
SC-21118-S	4/2/1999	1041506.10	753763.88	661.50
SC-21119-S	4/2/1999	1041490.29	753792.56	661.87
SC-21120-S	4/2/1999	1041474.11	753821.15	662.21
SC-21120-S-RS	6/2/1999	1041474.65	753821.06	660.91
SC-21201-S	3/17/2000	1041732.82	753627.60	642.31
SC-21201-U	4/14/2000	1041646.75	753722.94	654.55
SC-21202-S	3/17/2000	1041716.80	753656.23	642.80
SC-21203-S	3/17/2000	1041700.77	753684.86	643.96
SC-21204-S	3/17/2000	1041689.35	753717.26	654.97
SC-21204-S-RS	3/28/2000	1041688.99	753716.43	654.32
SC-21205-S	3/29/2000	1041668.72	753742.11	655.85
SC-21206-S	3/17/2000	1041704.20	753611.58	642.15
SC-21207-S	3/17/2000	1041687.82	753641.17	642.34
SC-21207-S-RS	3/28/2000	1041687.65	753640.27	641.76
SC-21208-S	3/17/2000	1041672.14	753668.83	647.64
SC-21209-S	3/17/2000	1041656.12	753697.46	654.94
SC-21209-S-HS01	3/27/2000	1041653.62	753694.96	656.18*
SC-21209-S-HS02	3/27/2000	1041653.62	753699.96	656.14*
SC-21209-S-HS03	3/27/2000	1041658.62	753699.96	653.89*
SC-21209-S-HS04	3/27/2000	1041658.62	753694.96	653.75*
SC-21210-S	3/29/2000	1041640.09	753726.09	662.46
SC-21211-S	3/17/2000	1041675.57	753595.55	646.57
SC-21212-S	3/17/2000	1041659.54	753624.18	653.92
SC-21213-S	3/17/2000	1041643.52	753652.80	661.44
SC-21214-S	3/24/2000	1041627.49	753681.43	662.22
SC-21215-S	3/24/2000	1041611.46	753710.06	658.69
SC-21216-S	3/17/2000	1041646.94	753579.52	662.52
SC-21217-S	3/24/2000	1041630.92	753608.15	665.10
SC-21218-S	3/24/2000	1041614.89	753636.78	658.77
SC-21219-S	3/24/2000	1041598.86	753665.40	659.45
SC-21220-S	4/1/1999	1041582.61	753694.07	659.40
SC-21301-C	4/3/2000	1041833.88	753487.68	655.51
SC-21302-S	4/3/2000	1041813.33	753483.78	656.34
SC-21303-S	9/1/1999	1041797.70	753512.96	662.50
SC-21304-S	2/29/2000	1041780.90	753541.70	662.48
SC-21305-S	3/17/2000	1041764.88	753570.35	651.41
SC-21306-S	3/17/2000	1041748.85	753598.98	641.20
SC-21308-C	4/3/2000	1041805.46	753461.82	653.32
SC-21309-S	4/3/2000	1041785.01	753468.44	653.79
SC-21310-S	9/1/1999	1041768.48	753497.18	657.95
SC-21311-S	9/1/1999	1041752.85	753525.33	665.92
SC-21312-S	2/29/2000	1041736.30	753554.30	655.31
SC-21313-S	3/17/2000	1041720.22	753582.95	641.57
SC-21314-C	4/3/2000	1041778.00	753451.08	653.33
SC-21315-S	3/22/2000	1041756.24	753452.22	653.79
SC-21316-S	3/22/2000	1041740.24	753480.91	656.33
SC-21317-S	9/1/1999	1041723.97	753510.56	662.41
SC-21317-S-RS	3/22/2000	1041723.65	753509.67	651.86
SC-21318-S	2/29/2000	1041707.60	753538.30	658.70

WP437 RU22 SAMPLE LOCATION COORDINATES

WSSRAP_ID	DATE_SAM	NORTHING	EASTING	ELEVATION
SC-21319-S	3/17/2000	1041691.60	753566.92	650 70
SC-21321-C	3/22/2000	1041733.99	753458.95	654.98
SC-21322-S	3/22/2000	1041711.70	753464.92	656.32
SC-21323-S	9/1/1999	1041695.25	753493.50	658.36
SC-21323-S-RS	3/22/2000	1041695.02	753493.64	651.73
SC-21324-S	9/1/1999	1041679.56	753522.08	666.23
SC-21324-S-RS	3/22/2000	1041679.00	753522.27	652.25
SC-21325-S	2/29/2000	1041663.00	753550.90	663.81
SC-21401-C	3/22/2000	1041704.12	753449.46	655.13
SC-21402-S-RS	3/22/2000	1041682.91	753448.68	652.92
SC-21403-S	9/1/1999	1041666.79	753477.59	656 14
SC-21403-S-RS	3/22/2000	1041666.40	753477.62	655.01
SC-21404-S	9/1/1999	1041650.95	753506.23	663.49
SC-21404-S-RS	3/22/2000	1041650.37	753506.24	652.08
SC-21405-S	2/29/2000	1041634.30	753534.90	666.50
SC-21406-S	3/24/2000	1041618.32	753563.50	661.11
SC-21408-C	3/22/2000	1041658.78	753455.31	656.00
SC-21409-S	3/22/2000	1041638.42	753461.78	656.23
SC-21410-S	9/1/1999	1041622.18	753490.24	659.01
SC-21410-S-RS	3/22/2000	1041621.74	753490.22	651.88
SC-21411-S	9/1/1999	1041605.59	753518.82	666.62
SC-21412-S	4/1/1999	1041589.99	753547.27	662.92
SC-21414-S	3/2/1999	1041609 31	753445.56	655.11
SC-21414-S-RS	3/22/2000	1041609.14	753445.56	652.02
SC-21415-S	3/2/1999	1041593.41	753474.22	657.31
SC-21415-S-RS	3/22/2000	1041593.12	753474.19	653.39
SC-21416-S	2/25/1999	1041577 13	753502.81	662.04
SC-21417-S	2/25/1999	1041561 16	753531.48	667.67
SC-21420-S	3/2/1999	1041564.29	753458.16	656 49
SC-21421-S	3/2/1999	1041548.55	753486.81	657.85
SC-21422-S	2/25/1999	1041532.47	753515.43	665.90
SC-21426-S	2/25/1999	1041503 69	753499 37	660.73
SC-21428-S	3/2/1999	1041474.84	753483 30	656.47
SC-21501-S	3/24/2000	1041602.29	753592.12	661.02
SC-21502-S	4/1/1999	1041586.11	753620.80	661.39
SC-21503-S	4/1/1999	1041570.21	753649.39	660.75
SC-21504-S	4/1/1999	1041553.95	753678 07	660.07
SC-21505-S	4/1/1999	1041573 32	753576.28	662.18
SC-21506-S	4/1/1999	1041557.50	753604.80	661.62
SC-21507-S	4/1/1999	1041541.73	753633.29	661.37
SC-21508-S	4/1/1999	1041525.93	753661 85	660.63
SC-21509-S	4/1/1999	1041545.25	753559 92	662.85
SC-21510-S	4/1/1999	1041529 25	753588.53	662.56
SC-21511-S	4/1/1999	1041512.99	753617 32	662.31
SC-21512-S	4/1/1999	1041496.92	753645 96	661.44
SC-21513-S	4/1/1999	1041516.34	753544 10	664.21
SC-21514-S	4/1/1999	1041500.25	753572 78	659.04
SC-21515-S	4/1/1999	1041484.50	753601 19	659.03
SC-21516-S	4/1/1999	1041468.34	753629.92	658.98
SC-21517-S	2/25/1999	1041488.04	753527.74	67 99
SC-21518-S	4/1/1999	1041471.80	753556.60	655.75
SC-21519-S	4/1/1999	1041455.55	753585 44	658.99
SC-21520-S	4/1/1999	1041439.50	753614.07	658.98
SC-21601-S	4/1/1999	1041509.67	753690.58	660.58
SC-21602-S	4/2/1999	1041493.58	753719.23	661.14
SC-21603-S	4/2/1999	1041477.60	753747.86	662 02
SC-21603-S-RS	6/2/1999	1041478 09	753747.84	661 17
SC-21604-S	4/2/1999	1041461 48	753776 49	662.68
SC-21605-S	4/2/1999	1041445.43	753805.10	663.02
SC-21605-S-RS	6/2/1999	1041445.81	753805 03	661.99
SC-21606-S	4/1/1999	1041480.97	753674.56	661 51
SC-21607-S	4/2/1999	1041464.91	753703.20	662.24
SC-21608-S	4/2/1999	1041449.01	753731.82	662.86
SC-21609-S	4/2/1999	1041432.76	753760.45	663.67
SC-21610-S	4/2/1999	1041416.90	753789.12	664.33
SC-21610-S-RS	6/2/1999	1041417.22	753789.04	663 17
SC-21611-S	4/1/1999	1041452.35	753658.53	658.64
SC-21612-S	4/1/1999	1041436.36	753687 14	663.37
SC-21613-S	4/2/1999	1041420 31	753715 79	664 04
SC-21614-S	4/2/1999	1041404 17	753744 43	664 65

WP437 RU22 SAMPLE LOCATION COORDINATES

WSSRAP_ID	DATE_SAM	NORTHING	EASTING	ELEVATION
SC-21615-S	4/2/1999	1041388.14	753773.04	665.22
SC-21615-S-RS	6/2/1999	1041388.28	753773.07	664.10
SC-21616-S	4/1/1999	1041423.76	753642.46	660.76
SC-21617-S	4/1/1999	1041407.57	753671.20	664.10
SC-21618-S	4/2/1999	1041391.78	753699.71	664.89
SC-21619-S	4/2/1999	1041375.43	753728.44	665.40
SC-21620-S	4/2/1999	1041359.60	753757.04	666.11
SC-21701-S	4/2/1999	1041429.47	753833.77	663.47
SC-21702-S	4/2/1999	1041413.50	753862.47	663.59
SC-21703-S	4/2/1999	1041397.39	753891.02	663.85
SC-21704-S	4/2/1999	1041381.40	753919.73	664.54
SC-21705-S	4/2/1999	1041365.32	753948.26	664.71
SC-21706-S	4/2/1999	1041400.74	753817.68	664.49
SC-21707-S	4/2/1999	1041384.81	753846.38	664.51
SC-21708-S	4/2/1999	1041368.74	753874.97	664.50
SC-21709-S	4/2/1999	1041352.66	753903.48	664.90
SC-21710-S	4/2/1999	1041336.70	753932.25	665.52
SC-21711-S	4/2/1999	1041372.17	753801.69	665.37
SC-21711-S-RS	6/2/1999	1041372.30	753801.63	664.10
SC-21712-S	4/2/1999	1041356.08	753830.23	665.29
SC-21713-S	4/2/1999	1041340.15	753859.01	665.87
SC-21714-S	4/2/1999	1041324.11	753887.65	666.49
SC-21715-S	4/2/1999	1041308.07	753916.27	670.66
SC-21716-S	4/2/1999	1041343.57	753785.68	666.15
SC-21717-S	4/2/1999	1041327.54	753814.34	666.77
SC-21718-S	4/2/1999	1041311.51	753843.01	669.67
SC-21719-S	2/8/1999	1041295.46	753871.49	671.48
SC-21720-S	3/16/1999	1041279.50	753900.25	671.05
SC-21801-S	4/1/1999	1041379.19	753654.97	664.94
SC-21802-S	4/1/1999	1041362.96	753683.78	665.63
SC-21803-S	4/2/1999	1041346.94	753712.39	666.23
SC-21804-S	4/2/1999	1041330.86	753741.01	666.75
SC-21805-S	4/2/1999	1041314.80	753769.53	667.98
SC-21806-S	2/8/1999	1041298.88	753798.19	672.03
SC-21807-S	2/8/1999	1041282.50	753826.89	671.40
SC-21810-S	4/1/1999	1041350.40	753639.08	665.50
SC-21811-S	4/1/1999	1041334.48	753667.54	665.85
SC-21812-S	4/2/1999	1041318.43	753696.22	666.41
SC-21813-S	2/8/1999	1041302.31	753724.99	671.12
SC-21814-S	2/8/1999	1041286.29	753753.60	671.14
SC-21815-C	3/16/1999	1041280.76	753804.34	671.22
SC-21815-S	3/16/1999	1041270.24	753782.25	670.45
SC-21817-S	4/1/1999	1041321.84	753622.81	665.80
SC-21818-S	2/8/1999	1041305.95	753651.73	670.69
SC-21819-S	2/8/1999	1041289.70	753680.23	670.38
SC-21820-S	3/16/1999	1041273.70	753708.93	668.18
SC-21823-S	2/8/1999	1041293.06	753607.26	669.03
SC-21824-S	3/16/1999	1041277.09	753635.73	666.99
SC-21901-S	2/25/1999	1041459.11	753511.98	665.06
SC-21902-S	4/1/1999	1041443.20	753540.51	662.85
SC-21903-S	4/1/1999	1041427.10	753569.23	656.00
SC-21904-S	4/1/1999	1041410.83	753598.16	656.07
SC-21905-S	4/1/1999	1041395.07	753626.47	663.87
SC-21907-S	2/25/1999	1041430.33	753495.91	660.52
SC-21908-S	2/25/1999	1041414.51	753524.58	668.35
SC-21909-S	4/1/1999	1041398.30	753553.51	660.11
SC-21910-S	4/1/1999	1041382.37	753581.98	655.83
SC-21911-S	4/1/1999	1041366.48	753610.37	664.81
SC-21914-S	2/25/1999	1041385.94	753508.59	664.26
SC-21915-S	2/25/1999	1041369.91	753537.23	668.75
SC-21916-S	4/1/1999	1041353.98	753565.38	664.28
SC-21917-S	4/1/1999	1041337.81	753594.38	665.12
SC-21919-S	2/25/1999	1041357.10	753492.48	658.79
SC-21920-S	2/25/1999	1041341.23	753521.17	667.31
SC-21921-S	4/1/1999	1041325.26	753549.42	667.35
SC-21922-S	4/1/1999	1041309.18	753578.27	668.92
SC-22002-S	3/16/1999	1041261.04	753664.46	665.11
SC-22004-S	3/2/1999	1041328.50	753476.46	656.66
SC-22005-S	3/16/1999	1041312.59	753505.13	661.20
SC-22006-S	3/16/1999	1041296.55	753533.83	668.40

WP437 RU22 SAMPLE LOCATION COORDINATES

WSSRAP_ID	DATE_SAM	NORTHING	EASTING	ELEVATION
SC-22007-S	3/16/1999	1041280.40	753562 43	665 21
SC-22008-S	3/16/1999	1041264.49	753591.12	662.84
SC-22009-S	3/16/1999	1041248.49	753619.67	662.82
SC-22010-S	3/16/1999	1041232.46	753648.25	664.46
SC-22011-S	3/16/1999	1041216.43	753676.93	664.89
SC-22012-C	3/2/1999	1041316.17	753460.24	656.53
SC-22013-S	3/2/1999	1041300.20	753460.54	657 02
SC-22014-S	3/16/1999	1041283.91	753489 44	657 65
SC-22015-S	3/16/1999	1041267.89	753518.07	659.64
SC-22016-S	3/16/1999	1041251.92	753546 26	660.32
SC-22017-S	3/16/1999	1041235.88	753575 08	661.93
SC-22018-S	3/16/1999	1041219.86	753603.90	662.60
SC-22019-C	3/16/1999	1041219.88	753655.37	664.26
SC-22022-S	3/16/1999	1041271.33	753444.76	656 11
SC-22023-S	3/16/1999	1041255.32	753473 20	655.52
SC-22024-S	3/16/1999	1041239.29	753502.01	658.38
SC-22025-S	3/16/1999	1041223.29	753530 20	659.78
SC-22026-C	3/16/1999	1041221 43	753582 50	662.20
SC-22029-C	3/16/1999	1041249.27	753453 77	656.70
SC-22030-S	3/16/1999	1041226.71	753457 17	657.24
SC-22031-C	3/16/1999	1041223.07	753508 81	658.99

* approximate elevation as determined by as-built topo

APPENDIX D
Interoffice Correspondence

MORRISON KNUDSEN CORPORATION

MK-FERGUSON GROUP

INTER-OFFICE CORRESPONDENCE

DATE: November 17, 1995

TO: ALARA Committee

FROM: Michelle French/Richard Machado

SUBJECT: **RA-226 DETERMINATION FOR SITE CONFIRMATION SAMPLES**

Background

The issue surrounding Ra-226 analysis via gamma spectroscopy arises due to the fact that the Ra-226 soil concentration is determined by using the following energy peaks: 295 keV and 352 keV for Pb-214; and 609 keV, 1120 keV, and 1764 keV for Bi-214. These radionuclides are both short-lived daughters of Rn-222. The drying and grinding processes are known to drive off Rn-222 that is trapped in the soil pores and moisture held in the soil. In order to quantitatively identify Ra-226 using gamma spectroscopy, Rn-222 and its short-lived progeny must be allowed to grow into secular equilibrium following such sample preparation techniques. The following alternatives were evaluated for estimating the Ra-226 concentration in soil given gamma spectroscopy analysis within five working days of sample collection.

Alternative 1

Send all samples requiring Ra-226 analysis to an offsite laboratory. At offsite facilities, Ra-226 is typically analyzed through alpha spectroscopy which does not rely on the Ra-222 daughter products to provide a quantitative result. The minimum turnaround time that can be provided for alpha spectroscopy analysis for Ra-226 is four days. At one and two day turnaround times, the method for analysis is modified to use Gas Flow Proportional Counting for total alpha counting yielding a total radium number with no separation of isotopic contributions. Given the four day turnaround time and an estimate of 750 samples (WP-253 and WP-420), the total analytical costs will be $95,250.

The major disadvantage in this approach is the tight schedule involved with sample collection, packaging, shipping, data receipt, data review, and ALARA committee action. It may be impossible to accomplish this within five working days given the four day turnaround requirement.

Alternative 2

As stated above, the drying and grinding processes are known to drive off radon that is trapped in the soil matrix. However, the amount of radon removed from these processes is not quantified. If you were to assume that all the radon is removed during these processes and the time of final preparation was recorded, a correction factor can be applied based upon the secular equilibrium condition equation. For example, the following table summarizes the ratio of activity of Rn-222 to the activity of Ra-226.

A(Rn-222)/A(Ra-226)	Time Post Canning (Days)
0.167	1
0.306	2
0.422	3
0.665	6
0.807	9
0.888	12
0.935	15
0.963	18
0.978	21
0.987	24
0.993	27
0.996	30

Thus, if the samples were counted three days post canning, a correction factor of 0.422 would be used to determine the estimated final Ra-226 concentration. Given this approach, any concentration determined three days post preparation would be divided by 0.422 to arrive at the final concentration. For a 5 pCi/g ALARA goal, any result above 2.1 pCi/g would be rejected.

The major limitation with this approach is the assumption that the drying and grinding processes remove 100% of the radon. Samples that have been analyzed within one day of preparation have never yielded results much below expected background concentrations (0.8-1.0 pCi/g).

Thus, the use of a correction factor on the order of 0.167 could result in a very conservative approach for estimating the final Ra-226 soil concentration in background soils (in fact all samples analyzed one day after canning would equal or exceed 5 pCi/g).

Alternative 3

All samples that are collected to support confirmation can be analyzed as wet samples to virtually eliminate the radon removal that occurs during sample preparation. However, there are numerous considerations, such as sample homogeneity, particle size, moisture content variability, etc., that can produce error in such analyses. If the samples are analyzed wet, they would also be prepared and analyzed to provide final concentrations for each radionuclide of interest for the sample. This dry evaluation would require an analysis within the confirmation cleanup turnaround period and a second analysis within 20-30 days later to finalize Ra-226 concentrations to an acceptable quality level. This approach would involve three analyses of every sample. The initial wet analysis can be used to estimate the final Ra-226 concentration. However, this estimate must be made on a case by case basis through moisture corrections, etc.

The major limitation for this approach is the reduction in lab productivity as an extra canning effort would be needed to generate a wet and a dry sample for each sample and count time for each sample would increase by a factor of three.

Alternative 4

Over the last several months, the onsite radiological laboratory has been recounting samples that were analyzed during the months of April - September 1995. These reanalyses were done in order to support final analyses of SE Drainage and Quarry characterization samples. The graph on the attached page illustrates a portion of the recount results versus the initial results. The graph includes those samples that had initial Ra-226 results < 5 pCi/g. As illustrated, the background - 2.2 pCi/g sample range had 100% of all sample recounts fall less than 5 pCi/g. For those in the range of 2.2 - 3.2 pCi/g, the likelihood of exceeding 5 pCi/g was approximately 50%. All of the samples with initial results greater than 3.2 pCi/g had final Ra-226 results > 5 pCi/g.

This information can be used to establish a criteria about which samples can be said to meet the ALARA goal of 5 pCi/g within the five working day turnaround window.

Given the current study findings, it is recommended that any sample with an initial Ra-226 result > 2.2 pCi/g be expected to exceed the ALARA goal of 5 pCi/g. In addition, the estimated final Ra-226 soil concentration should be found by multiplying the initial result by 2.27 (2.2 pCi/g x 2.27 = 5 pCi/g). This correction factor is very close to the maximum increase from initial results to recount results (e.g., 2.56) in the background to 2.2 pCi/g concentration range. The average increase from initial results to recount results for this range was 1.51. However, use of a value closer to the maximum value affords less risk in exceeding expected confirmation goals. The laboratory will work to refine these numbers to further minimize the risk as they continue to recount samples collected over the last few months. The major limitation with this alternative is the potential to over excavate, increasing disposal costs.

Alternative 5

This alternative involves a combination of alternatives 3 and 4. Samples that do not have elevated direct survey results via a 2x2 NaI or a 44-9 survey should be prepared and evaluated in accordance with alternative 4. Samples that do have above background survey results will be analyzed wet and evaluated accordingly to determine the estimated final Ra-226 concentration. The sample will then be prepared and analyzed a second time to provide quality level data for the other radionuclides of interest. In addition, each prepared sample would be analyzed within 30 days after preparation to finalize the Ra-226 concentration to an acceptable quality level.

The major limitation with this approach is the loss in productivity as a result of the double canning needs and increased count times for a portion of the samples.

Recommendation

The Onsite Radiological Laboratory recommends the use of alternative 4. This alternative minimizes risk of failing to meet expected cleanup ALARA goals and provides for maximum efficiency/productivity within the laboratory. The second favorable alternative is number 5. This alternative would increase the workload in the laboratory, but would further reduce the risk of over excavation and failure to meet desired cleanup objectives.

In all of the above alternatives, the estimated final Ra-226 concentration will be used in conjunction with the measured Ra-228 concentration as follows to determine if the mixture rule for the ALARA goals as described in the Record of Decision is achieved.

$$\frac{\text{Est. Final Ra-226 (pCi/g)}}{5\ \text{pCi/g}} + \frac{\text{Ra-228 (pCi/g)}}{5\ \text{pCi/g}} = \text{Mixture Ratio}$$

If mixture ratio <= 1, then the sample meets cleanup confirmation design. If mixture ratio > 1, then the sample must be considered by the ALARA committee.

MLF/RM/pr

Attachment

Distribution:

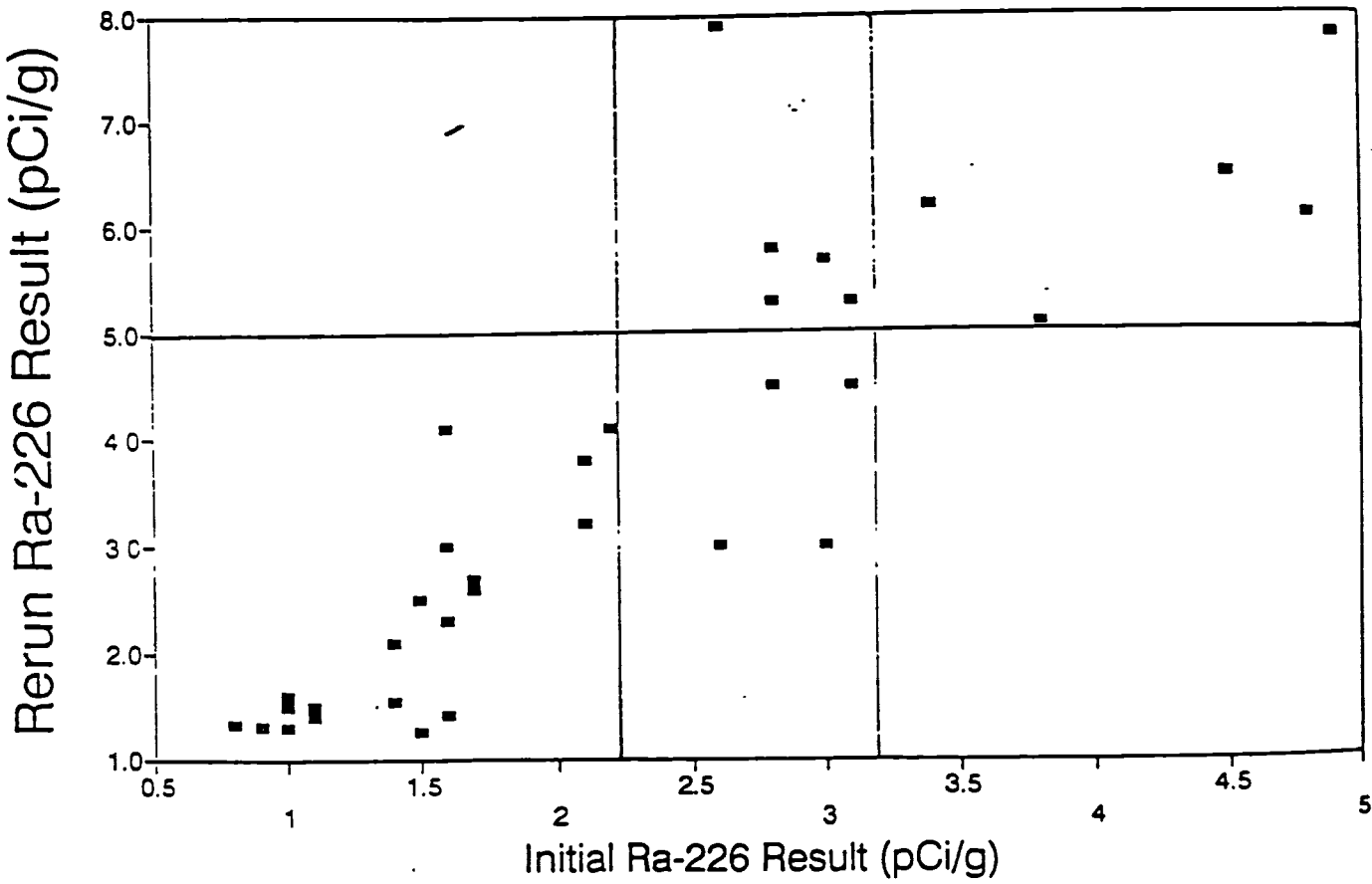
Ken Meyer
Steve Warren
Ken Greenwell
Jim Meier

Alternates:
Marj Wesley
Jack Cooney
Dan Hoffman

cc: Melissa Lutz

Ra226 Concentration Range

Background - 5.0 pCi/g



MORRISON KNUDSEN CORPORATION
MK-FERGUSON GROUP

INTER-OFFICE CORRESPONDENCE

DATE: November 20, 1995

TO: ALARA Committee

FROM: Richard Machado/Michelle French MF

SUBJECT: TH232 DETERMINATION FOR SITE CONFIRMATION SAMPLES

Th232 can occur in two forms at the site: (1) naturally and (2) processed to purify Th232. Both of these forms are subject to the same transformation equation. Given a Th232 half life of 1.39×10^{10} years and a Ra228 half life of 5.75 years, a condition known as secular equilibrium occurs. Secular equilibrium occurs when the half life of the parent is very much greater than that of the daughter. If an initially pure parent (Th232) is formed, its radioactive transformation will result in accumulation of the daughter (Ra228). Since the daughter (Ra228) decays very much faster than the parent (Th232), a point is soon reached at which the amount of parent (Th232) present is equal to that of the daughter (Ra228).

The equation that represents this condition of secular equilibrium is:

$$Q_B = Q_A (1 - e^{-\lambda_B t})$$

where Q_A=parent (Th232) activity, Q_B=daughter (Ra228) activity, t=time since placement of material, and λ_B=decay constant for daughter (Ra228). Therefore, the fraction of daughter activity to parent activity

$$\left(\frac{A(RA\text{-}228)}{A(Th\text{-}232)}\right)$$

present at the WSSRAP in 1995 can be calculated.

Assume that production ceased at the site on January 1, 1965, and that all Th232 was produced on that very last day (t=30.9 years). Given a half life for Ra228 of 5.75 years, the decay constant would equal

$$(\lambda_B = 0.121\ Y^{-1})$$

11-30-95

Given this information, the ratio of Ra228 activity to Th232 activity can be calculated as follows:

$$\frac{Q_B}{Q_A} = \frac{A\,(Ra\text{-}228)}{A\,(Th\text{-}232)} = 1 - e^{-\lambda_B t}$$

$$\frac{A\,(Ra228)}{A\,(Th232)} = 1 - e^{-(0.121Y^{-1})\,(30.9Y)} = 1 - 0.024 = 0.976$$

$$\therefore \frac{A\,(Ra\text{-}228)}{A\,(Th\text{-}232)} = 0.976 \quad or \quad A\,(Th\text{-}232) = 1.025\,A\,(Ra\text{-}228)$$

This representation will be true for both naturally occurring Th232 and processed Th232. The other situation to be addressed includes the circumstance when Ra228 and associated decay products were placed as a waste material after purification of Th232. In this situation, the amount of Ra228 present will be much greater than the Th232 present. This information is illustrated in a previous assessment of the ratio of Ra228 concentrations to that of Th232 in raffinate pit wastes. The average ratio was reported as 7.02 in the *Concentration Ratios of Radionuclides* in the U238, U235, and Th232 *Decay Series* (DOE/OR/21548-250), indicating that the average activity concentration for Th232 is 0.14 of the activity concentration for Ra228.

The Record of Decision states that if Th232 and Ra228 are present and not in secular equilibrium, the cleanup criteria apply for the radionuclide with the higher concentration. Thus, for determination of successful cleanup, the use of a Ra-228 ALARA goal of 4.88 pCi/g and a criteria of 6.05 pCi/g will result in removing Th232 to within 5 pCi/g (ALARA) and 6.2 pCi/g (criteria), respectively.

Given this practice, it is recommended that the on-site radiological analyses for Ra-228 concentrations in soil be used to determine attainment of Th-232 cleanup. It is also recommended that 2% of the samples (1 of every 50) that are independently analyzed via an off-site facility be used as a quality check for all radionuclides of interest (U238, Th230, Th232, Ra228, and Ra226). In addition, these numbers should be summarized in post remediation reports for each work package to support the decision to use Ra228 to determine successful cleanup of Th232.

RM/MF/jn

Distribution: ALARA Committee

Steve Warren	Alternates:	Marj Wesley
Ken Meyer		Jack Cooney
Ken Greenwell		Dan Hoffman
Jim Meier		Melissa Lutz

MORRISON KNUDSEN CORPORATION
MK-FERGUSON GROUP

INTER-OFFICE CORRESPONDENCE

DATE: February 10, 1999

TO: Nick Twesten/Karen Cullinan

FROM: Eric Danielson ED

SUBJECT: ADDITION OF 2,4-DNT TO CONFIRMATION SAMPLING IN RU22 (TSA)

The Compliance Department has requested that all confirmation sampling points being sampled for TNT, also be sampled for 2,4-DNT. Please make the appropriate changes in FST to accommodate this request.

The request issued by the Compliance Department has been attached for your information. If you have any questions, please contact me.

ED/ml/jn

Attachment

CC: S. Rehmer
T. Caldwell
M. Lutz
T. Uhlmeyer

Form 222-A 08/92

MORRISON KNUDSEN CORPORATION
Environmental/Government Group

INTER-OFFICE CORRESPONDENCE

DATE: **February 3, 1999**

TO: **Dan Hoffman**

FROM: **David Hixson**

SUBJECT: **REQUEST TO ADD 2,4-DNT TO CONFIRMATION SAMPLING AT THE TSA**

The Compliance Department is preparing a document that discusses the WSSRAP's planned approach for complying with the substantive closure requirements under 40 CFR 264 Subpart G of RCRA. The RCRA facilities discussed in this plan include the TSA, Bldg. 434, CSS Pilot Plant, ASA, and the SWTP and QWTP equalization basins. The only facilities that will require soil sampling are the TSA and the equalization basins. In accordance with EPA guidance, clean up levels developed under CERCLA are appropriate levels for use in determining clean closure under RCRA, therefore the Compliance Department plans to utilize the ongoing confirmation sampling and analysis to the maximum extent possible to support documentation of clean closure under RCRA.

The Compliance Department has identified 2,4-DNT as a contaminant requiring confirmation for clean closure at the TSA. 2,4-DNT was not identified as a contam nant of concern in the Chemical Plant ROD and therefore is not included as a current confirmation sampling parameter. The Compliance Department is requesting that 2,4-DNT be added to the confirmation sampling at the TSA for all sampling points that will be sampled for TNT.

As confirmation sampling of the remaining facilities approaches, the Compliance Department will coordinate remaining requests for additional sampling parameters. If you have any questions, contact Terri Uhlmeyer of my staff at ext. 3118.

cc: Randy Thompson
Melissa Lutz
Eric Danielson

DSH/tru/lac

MORRISON KNUDSEN CORPORATION
MK-FERGUSON GROUP

INTER-OFFICE CORRESPONDENCE

DATE: April 27, 1999

TO: Dan Hoffman

FROM: Dave Cowell DC

SUBJECT: RA-226 RECOUNTS

In an effort to eliminate repetitive work, the on-site lab performed a study to determine if recounts 30 days after sealing sample cans was necessary for samples that have background or near background Ra-226 concentrations. As a result of the study, the lab will now only perform Ra-226 recounts for samples that fail the Radium ALARA preliminary calculation.

This calculation will involve multiplying the Ra-226 result by a correction factor of 2.27 (established in an IOC dated 11/17/95) and adding it to the Ra-228 result. If this result is greater than 5 pCi/g then that sample will be held and recounted 30 days later with the intention of reducing the final reported value.

This approach is conservative because the correction factor of 2.27 was established using samples with concentrations of up to 8 pCi/g. Samples having near background concentrations of Ra-226 do not ingrow to that level. Additionally, the correction factor was intended identify samples with Ra-226 levels that could exceed 5 pCi/g and did not account for the contribution from Ra-228, which we will include in this new calculation.

The attached page is included to illustrate the results of the study.

DC/jn

Attachment

Cc: Jim Meier
Steve Warren
Dave Hixson
John Coniglio
Melissa Lutz
Randy Thompson

Date: **August 22, 2000**

To: **Distribution**

From: **Linda Broody**

Subject: **NEW AND MODIFIED CONFIRMATION UNITS IN THE CMSA SHOP AREA**

The CMSA Shop Area lies within a portion of the site that was initially classified as not requiring confirmation. Due to the construction of a contaminated shop and associated facilities, the confirmation units (CUs) in the CMSA Work Zone have been modified accordingly.

Four new CUs were created to include the shop, decon pad, sedimentation basin, and parking lot. An adjacent CU has been extended to include the road leading to the shop area.

All samples will be analyzed for Radium-226, Radium-228, Thorium-230, Thorium-232, and Uranium 238 based upon field activities in the area.

Sample point ID's and locations for CU369, CU406, CU407, CU408, and CU409 are shown on the attached figures and tables. The figures and tables should be added to those in the *Confirmation Sampling Plan Details for the Disposal Cell Facility (WP-437)*, Rev. 0. The figure for CU369 supercedes the figure in the plan.

Attachments

Cc:	Dan Boss	Clark Oberlag
	Terry Caldwell	Steve Warren (w/out attachments)
	Jason Fugate	Chris Weston
	Karl Hamilton	Confirmation File
	Melissa Lutz	

MORRISON KNUDSEN CORPORATION
Federal Programs Division

INTER-OFFICE CORRESPONDENCE

DATE: **February 14, 2000**

TO: **Distribution**

FROM: **Linda Broody**

SUBJECT: **ADDITIONAL PARAMETERS FOR CU197, CU198, CU207 (TSA)**

Specific features being removed within CU197, CU198, and CU207 in the TSA work zone will require additional parameters for confirmation. These features were not addressed in the *Confirmation Sampling Plan Details for the Disposal Cell Facility (WP437)*.

Samples taken within the brine tank containment area, the transfer station, and the fuel storage area will be affected.

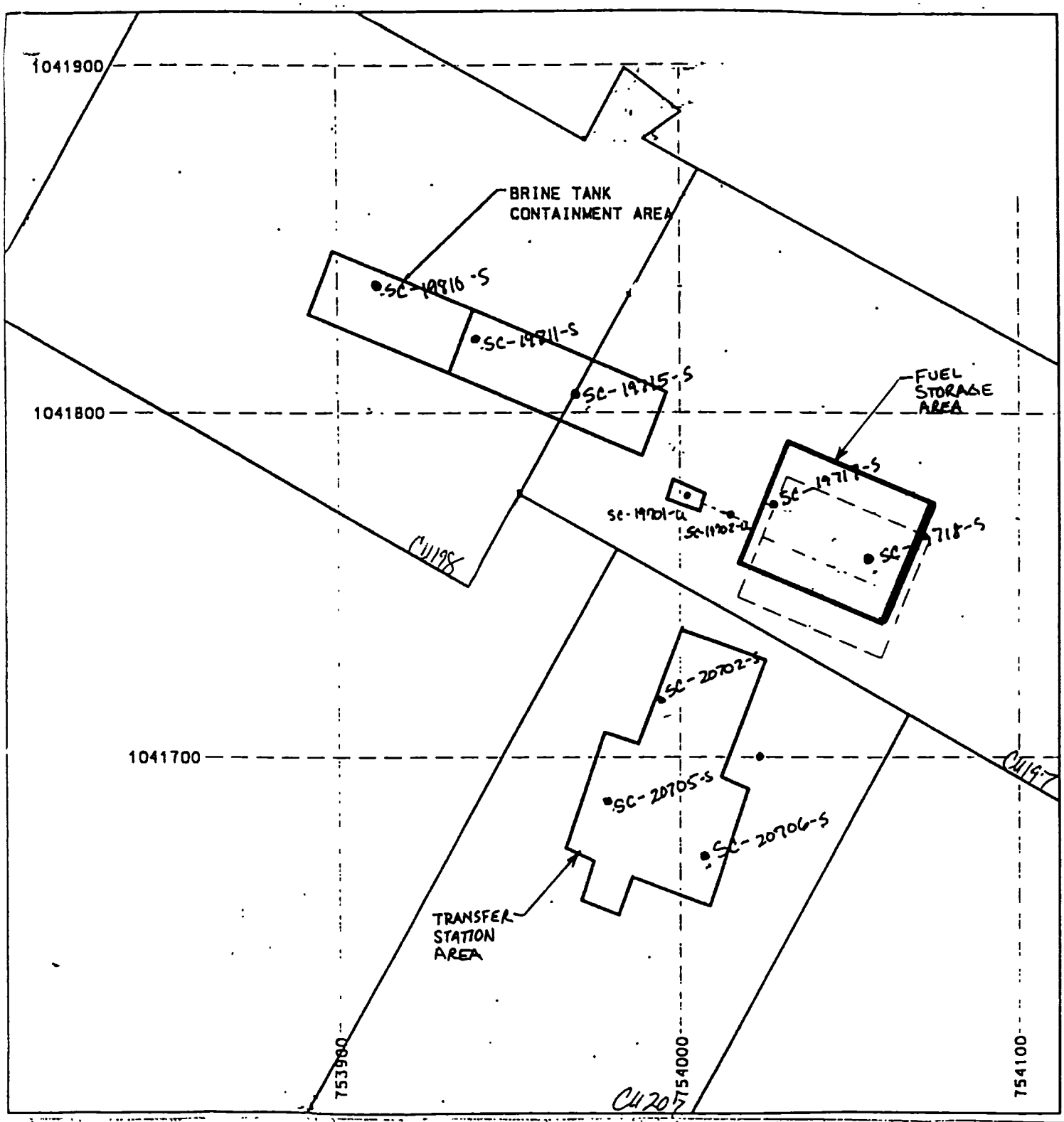
New sample point ID's and additional parameters for CU197, CU198, and CU207 are listed below. A locational sketch is attached. Please update your sampling plan accordingly.

Sample ID	Additional Parameter(s)
SC-19715-S	Ra-226, Ra-228, Th-230, Th-232
SC-19717-S	PAH
SC-19718-S	PAH
SC-19810-S	Ra-226, Ra-228, Th-230, Th-232
SC-19811-S	Ra-226, Ra-228, Th-230, Th-232
SC-20702-S	Ra-226, Ra-228, Th-230, Th-232, As, Cr, Pb, Tl, PAH, PCB, TNT
SC-20705-S	Ra-226, Ra-228, Th-230, Th-232, As, Cr, Pb, Tl, PAH, PCB, TNT
SC-20706-S	Ra-226, Ra-228, Th-230, Th-232, As, Cr, Pb, Tl, PAH, PCB, TNT
SC-19701-U	U-238, PAH
SC-19702-U	U-238, PAH

Attachments

cc: Dan Boss
Terry Caldwell
Tim Christopher
Karen Cullinan
Jason Fugate
Karl Hamilton
Melissa Lutz
Nick Twesten
Steve Warren (w/out attachments)
Chris Weston
Confirmation File

LB/lac


1041900
1041800
1041700
BRINE TANK
CONTAINMENT AREA
SC-19816-S
SC-19811-S
SC-19715-S
FUEL
STORAGE
AREA
SC-19701-U
SC-19702-U
SC-19718-S
SC-20702-S
SC-20705-S
SC-20706-S
TRANSFER
STATION
AREA
753900
754000
754100

MORRISON KNUDSEN CORPORATION
Federal Programs Division

INTER-OFFICE CORRESPONDENCE

DATE: **December 30, 1999**

TO: **Distribution**

FROM: **Melissa Lutz** ML

SUBJECT: **ADDITION OF PARAMETERS TO THE CONFIRMATION SAMPLING IN RU22 (TSA)**

The Compliance Group has requested that all confirmation sampling points located within the TSA pond be sampled for selenium, in addition to the confirmation parameters assigned per the *Confirmation Sampling Plan Details for the Disposal Cell Facility (WP437)*. The request issued by Compliance has been attached for your information.

The TSA basin is located within portions of CU204, CU205, CU212, and CU213 (Figure 1). Please make the appropriate changes in FST to accommodate this request by adding selenium to the following locations:

SC-20420-S	SC-21201-S	SC-21211-S	SC-21318-S
SC-20510-S	SC-21202-S	SC-21212-S	SC-21319-S
SC-20511-S	SC-21203-S	SC-21213-S	SC-21325-S
SC-20512-S	SC-21204-S	SC-21216-S	
SC-20515-S	SC-21206-S	SC-21304-S	↳ see figure!
SC-20516-S	SC-21207-S	SC-21305-S	
SC-20517-S	SC-21208-S	SC-21306-S	
SC-20518-S	SC-21209-S	SC-21312-S	
SC-20519-S	SC-21210-S	SC-21313-S	

If you have any questions, please contact me.

Distribution:

Dan Boss
~~Linda Broody~~
Terry Caldwell
Tim Christopher
Karen Cullinan
Nick Twesten
Terri Uhlmeyer
Soil Confirmation File

Attachment

ML/lac

MORRISON KNUDSEN CORPORATION
Environmental/Government Group

INTER-OFFICE CORRESPONDENCE

DATE: July 26, 1999

TO: Dan Hoffman

FROM: David Hixson

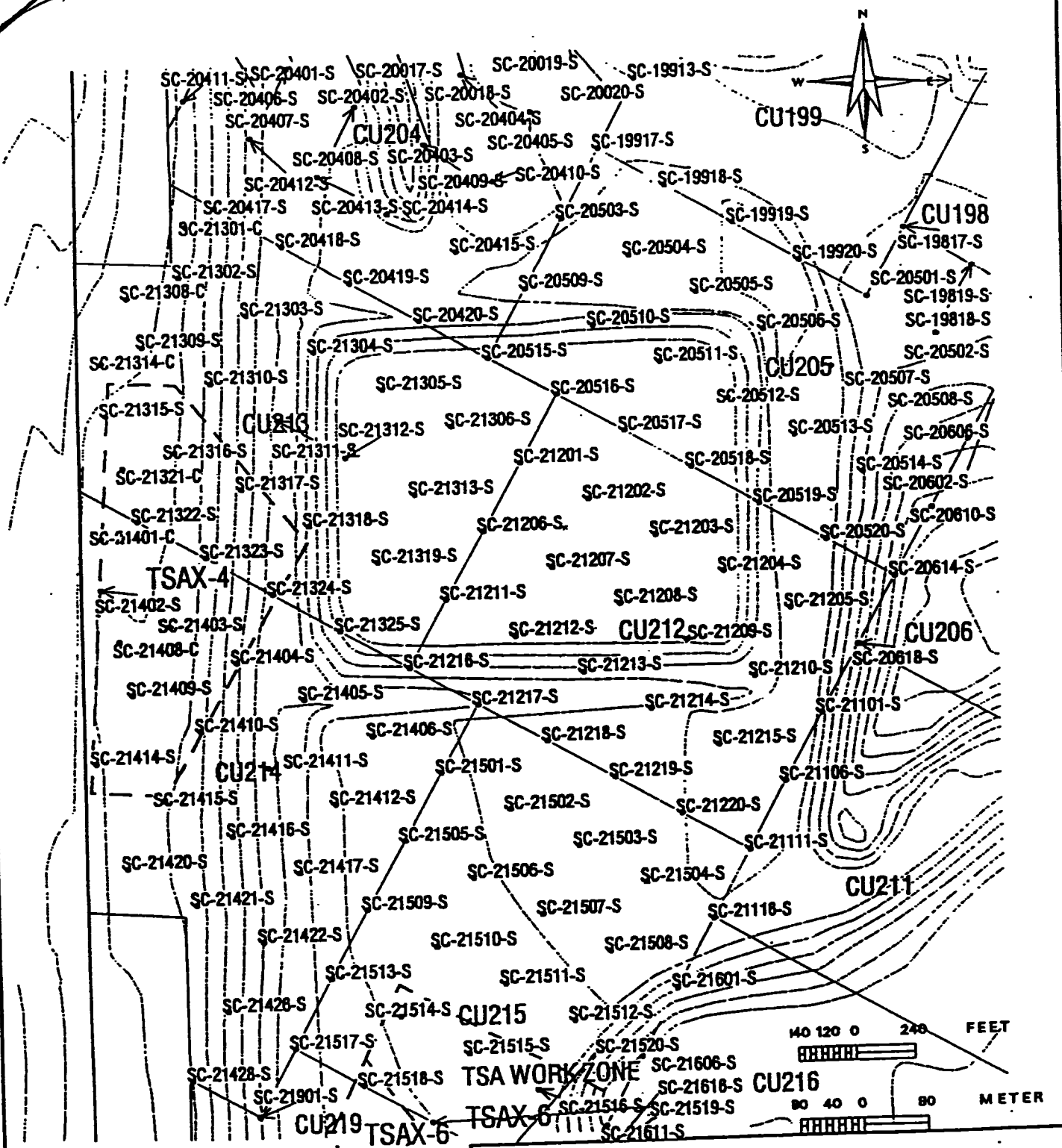
SUBJECT: REQUEST TO ADD SELENIUM TO CONFIRMATION SAMPLING AT THE TSA POND

The SWTP Reverse Osmosis reject brine will be stored at the TSA pond. The reject brine fails the TCLP for RCRA characteristic selenium levels, therefore the Compliance Department has identified selenium as a contaminant requiring confirmation for clean closure at the TSA pond. Selenium was not identified as a contaminant of concern in the Chemical Plant ROD and therefore is not included as a current confirmation sampling parameter. The Compliance Department is requesting that selenium be added to the confirmation sampling at the TSA pond. This is in accordance with the *RCRA Closure Document*, Rev. 0, March 1999.

If you have any questions, contact Terri Uhlmeyer of my staff at ext. 3118.

cc: Randy Thompson
Melissa Lutz
Eric Danielson

DSH/tru/cju



TSA Work Zone Boundary

Base Contours

Planned Insitu Excavation Areas

Confirmation Units

Sample Locations & Excavation Areas in TSA Work Zone Surface Impoundment Basin

Figure: 1

REPORT NO: DOE/OR/21548-___		EXHIBIT NO: G/CP/236/0899	
ORIGINATOR: N. Tweston	DRAWN BY: AMM	DATE: 12-AUG-1999	

APPENDIX E
ORISE Hotspot Table

ORISE Hotspots - TSA Work Zone

WSSRAP-ID	CU#	LOCATION DESCRIPTION	BKGRD READINGS	ORISE 1x1 READINGS	PMC FINAL RESULTS
SC-19021-S-HS01	CU190	approx. 10 ft.northeast of SC-19021-S	5 - 8,000 cpm	8 - 10,000 cpm	< ALARA (see data for SC-19021-S-RS02)
SC-19022-S-HS01	CU190	approx. the same location as SC-19022-S	N / A	20,000 cpm	< ALARA (see data for SC-19022-S-RS01)
SC-19023-S-HS01	CU190	approx. 10 ft. northwest of SC-19023-S	5 - 8,000 cpm	20,000 cpm	< ALARA (see data for SC-19023-S-RS02)
SC-19024-S-RS01	CU190	approx. 15 ft. northeast of SC-19024-S	N / A	N / A	< ALARA (see data for SC-19024-S-RS01)
SC-19621-S-RS01	CU196	approx. 5 ft north of SC-19621-S	5 - 8,000 cpm	N / A	< ALARA (see data for SC-19621-S-RS01)
SC-19812-S-HS01	CU198	approx. the same location as SC-19812-S	3 - 4,000 cpm	12,000 cpm	< ALARA (see data for SC-19812-S-HS01)
SC-19812-S-HS02	CU198	approx.: 5 ft. east of SC-19812- S	3 - 4,000 cpm	7,000 cpm	< ALARA (see data for SC-19812-S-RS02)
SC-19816-S-HS01	CU198	approx. 75 ft. west of SC-19816-S	3 - 4,000 cpm	9,000 cpm	< ALARA (see data for SC-19816-S-RS01)
SC-19920-S-HS01	CU199	approx. 62 ft. southwest of SC-19920-S	3 - 4,000 cpm	6,000 cpm	< ALARA (see data for SC-19920-S-RS01)
SC-19920-S-HS02	CU199	approx. 60 ft. southwest of SC-19920-S	3 - 4,000 cpm	6,000 cpm	< ALARA (see data for SC-19920-S-RS02)
SC-20013-S-RS01	CU200	approx. 5 ft. south of SC-20013-S	5 - 8,000 cpm	N / A	< ALARA (see data for SC-20013-S-RS01)
SC-20815-S-HS01	CU207	approx. 50 ft northwest of SC-20815-S	3 - 4,000 cpm	7,000 cpm	< ALARA (see data for SC-20815-S-RS01-RS)
SC-20815-S-HS02	CU207	approx. 10 ft. west of SC-20815-S	3 - 4,000 cpm	9,000 cpm	< ALARA (see data for SC-20815-S-RS02)

N / A = not available or information not recorded