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VOL. III
ORIGINAL

U.S. ARMY
MATERIEL COMMAND

— COMMITTED TO PROTECTION OF THE ENVIRONMENT —

Boundary Control Systems Assessment Remedial Investigation Draft Final Report (Version 2.1) Volume III

December 1988
Contract Number DAAK11-84-D-0016
Task Number 25

Environmental Science And Engineering, Inc.

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REPORT DOCUMENTATION PAGE

Form Approved
OMB No. 0704-0188

Public report ing burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.

1. AGENCY USE ONLY (Leave Blank)	2. REPORT DATE	3. REPORT TYPE AND DATES COVERED
	12/00/88	

4. TITLE AND SUBTITLE
BOUNDARY CONTROL SYSTEMS, ASSESSMENT REMEDIAL INVESTIGATION, TASK 25,
DRAFT FINAL REPORT, VERSION 2.1

5. FUNDING NUMBERS
DAAK11 84 D 0016

6. AUTHOR(S)

7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)
ENVIRONMENTAL SCIENCE AND ENGINEERING

8. PERFORMING ORGANIZATION REPORT NUMBER
89024R02

9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)
ROCKY MOUNTAIN ARSENAL (CO.). PMRMA

10. SPONSORING/MONITORING AGENCY REPORT NUMBER

11. SUPPLEMENTARY NOTES

12a. DISTRIBUTION/AVAILABILITY STATEMENT
APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED

12b. DISTRIBUTION CODE

13. ABSTRACT (Maximum 200 words)

THE OBJECTIVES OF TASK 25 ARE TO:

1. MONITOR GROUND WATER LEVELS AND CONTAMINANT CONCENTRATIONS IN THE ALLUVIAL AND DENVER AQUIFERS NEAR THE NORTH AND NORTHWEST BOUNDARIES
2. DEFINE MIGRATION PATHWAYS
3. PROVIDE WATER QUALITY AND HYDROLOGIC DATA FOR THE OPERATION OF THESE BOUNDARY SYSTEMS.

THIS DRAFT FINAL REPORT PRESENTS AN INTERPRETATION OF THE GEOLOGICAL AND HYDROGEOLOGICAL CONDITIONS NEAR THE BOUNDARIES AND A BRIEF DESCRIPTION OF THE SAMPLING PROGRAMS.

THE MAIN TEXT IS DIVIDED INTO THE FOLLOWING SECTIONS:

1. INTRODUCTION
2. PRESENTATION OF DATA COLLECTION METHODOLOGY, WELL INSTALLATION, AND MONITORING NETWORKS
3. DESCRIPTION OF ALLUVIAL AND DENVER FORMATION GEOLOGY

14. SUBJECT TERMS	15. NUMBER OF PAGES
SOIL, GROUNDWATER	
	16. PRICE CODE

17. SECURITY CLASSIFICATION OF REPORT	18. SECURITY CLASSIFICATION OF THIS PAGE	19. SECURITY CLASSIFICATION OF ABSTRACT	20. LIMITATION OF ABSTRACT
UNCLASSIFIED			

RTIC
04724

89024R02
VOL. III
ORIGINAL

LITIGATION TECHNICAL SUPPORT AND SERVICES

Rocky Mountain Arsenal

Boundary Control Systems Assessment Remedial Investigation Draft Final Report (Version 2.1) Volume III

December 1988
Contract Number DAAK11-84-D-0016
Task Number 25

FILE COPY

Rocky Mountain Arsenal
Information Center
Commerce City, Colorado

PREPARED BY

ENVIRONMENTAL SCIENCE & ENGINEERING, INC.

PREPARED FOR

Office of Program Manager
Rocky Mountain Arsenal Contamination Cleanup

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B-121A DIMP Concentration (ug/l) Versus Time, Well 37308

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APPENDIX B
TASK 25 SUPPORTING MAPS, HYDROGRAPHS, AND CONTAMINANT DISTRIBUTION FIGURES

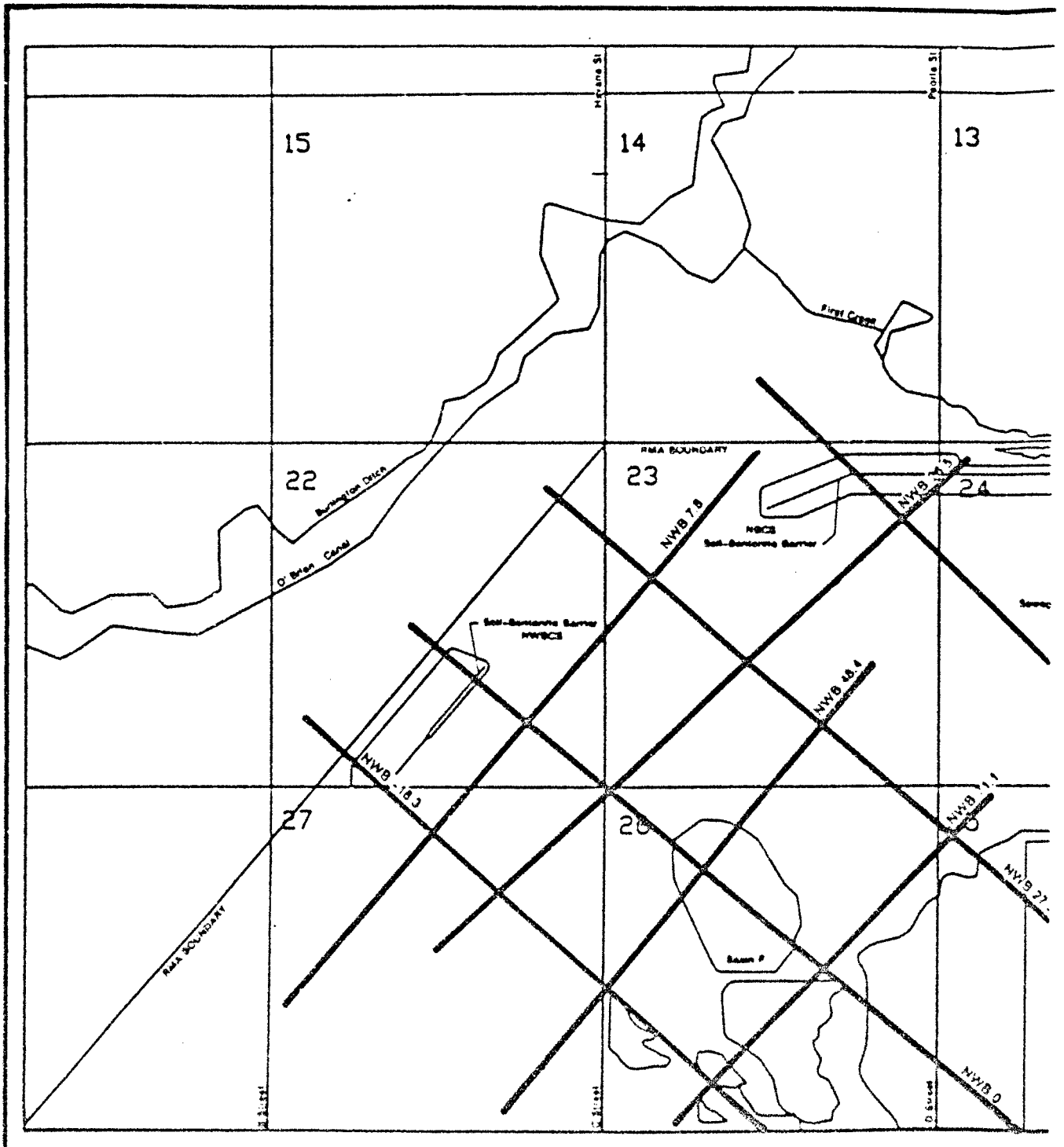
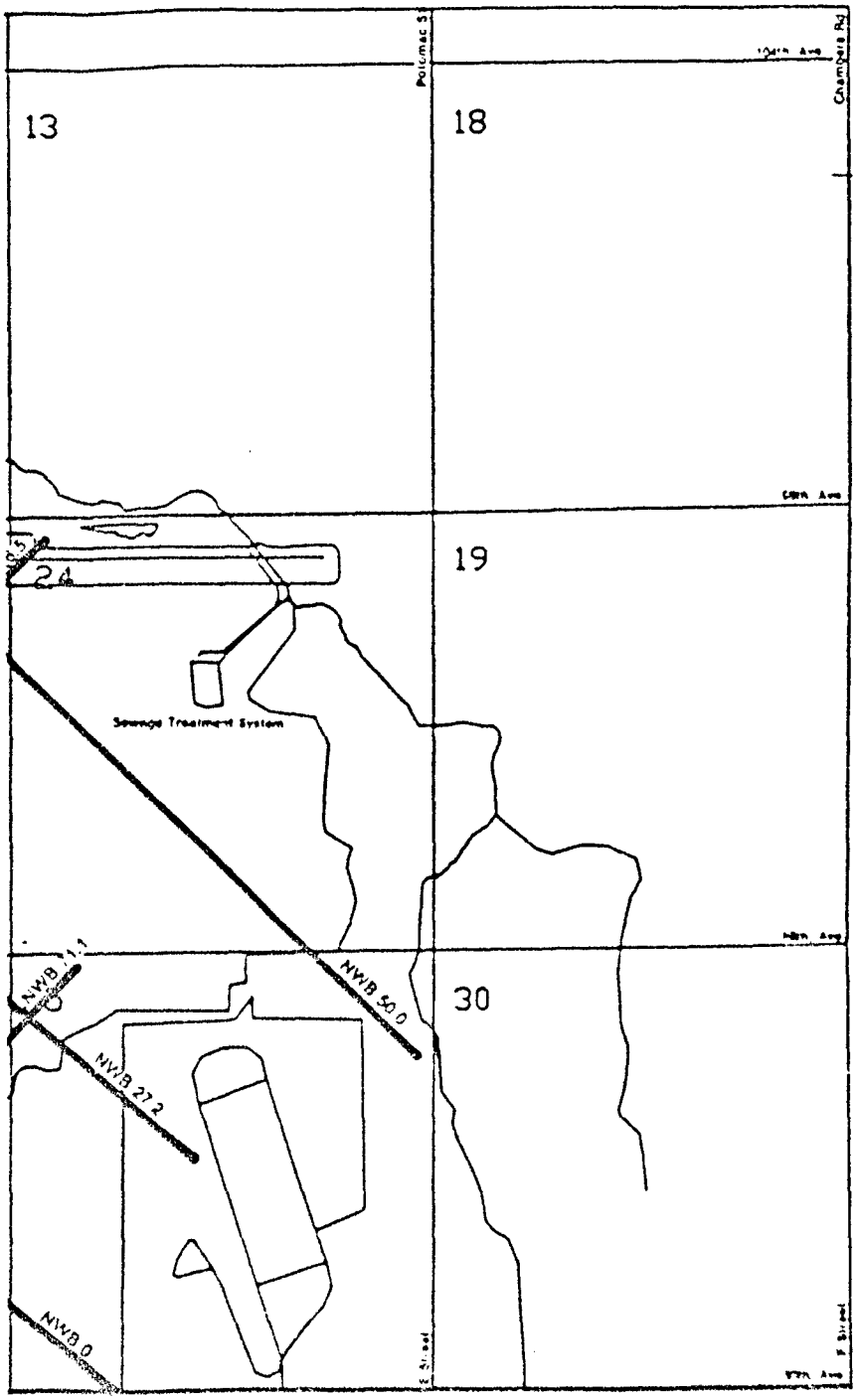


Figure 8-1

CROSS SECTIOI LOCATION MAP

SOURCE, ESE, 1988



EXPLANATION

NWBCS NORTHWEST BOUNDARY CONTAINMENT SYSTEM

NBCS NORTH BOUNDARY CONTAINMENT SYSTEM

NWB 0 LINES OF SECTION

N

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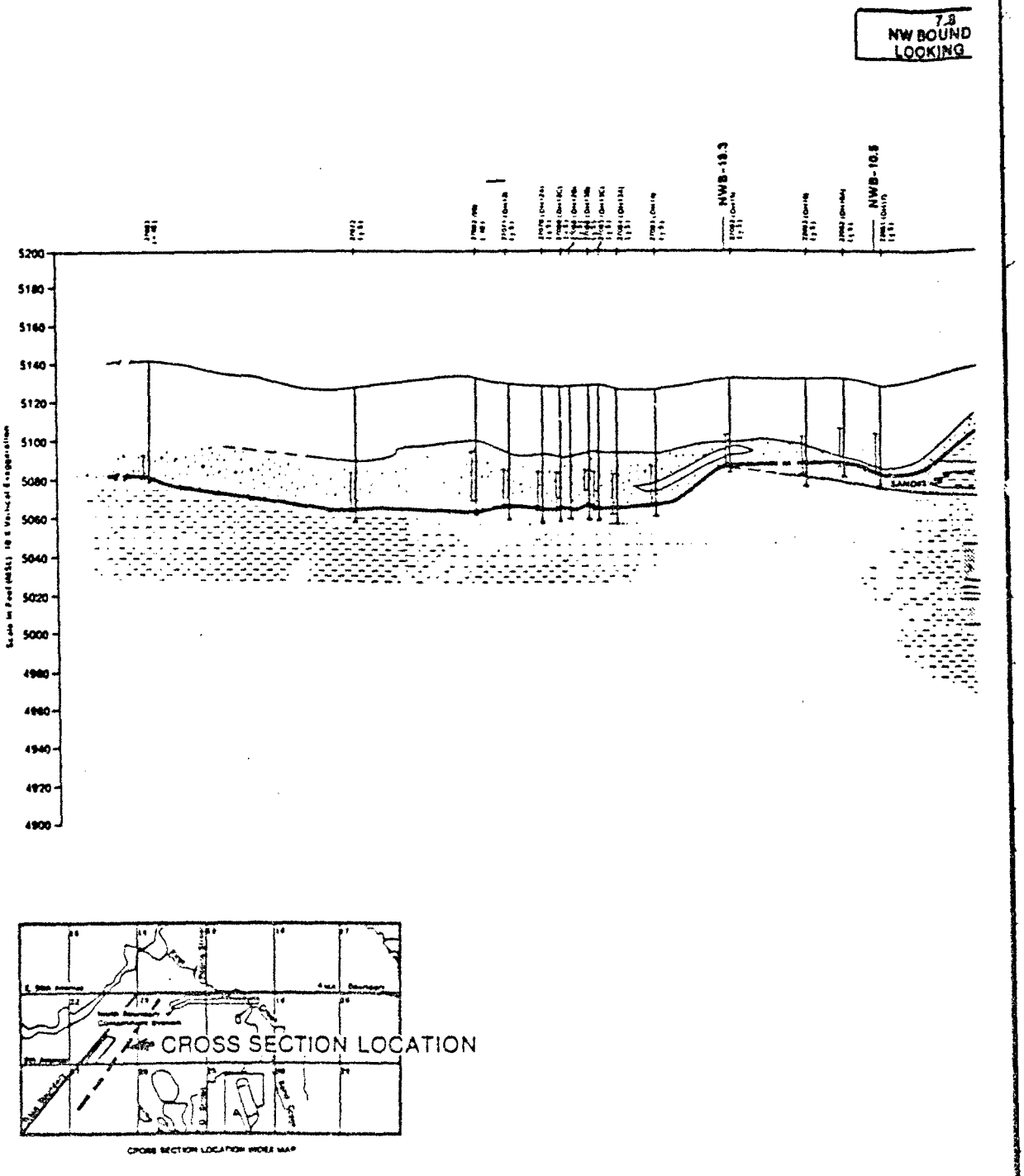
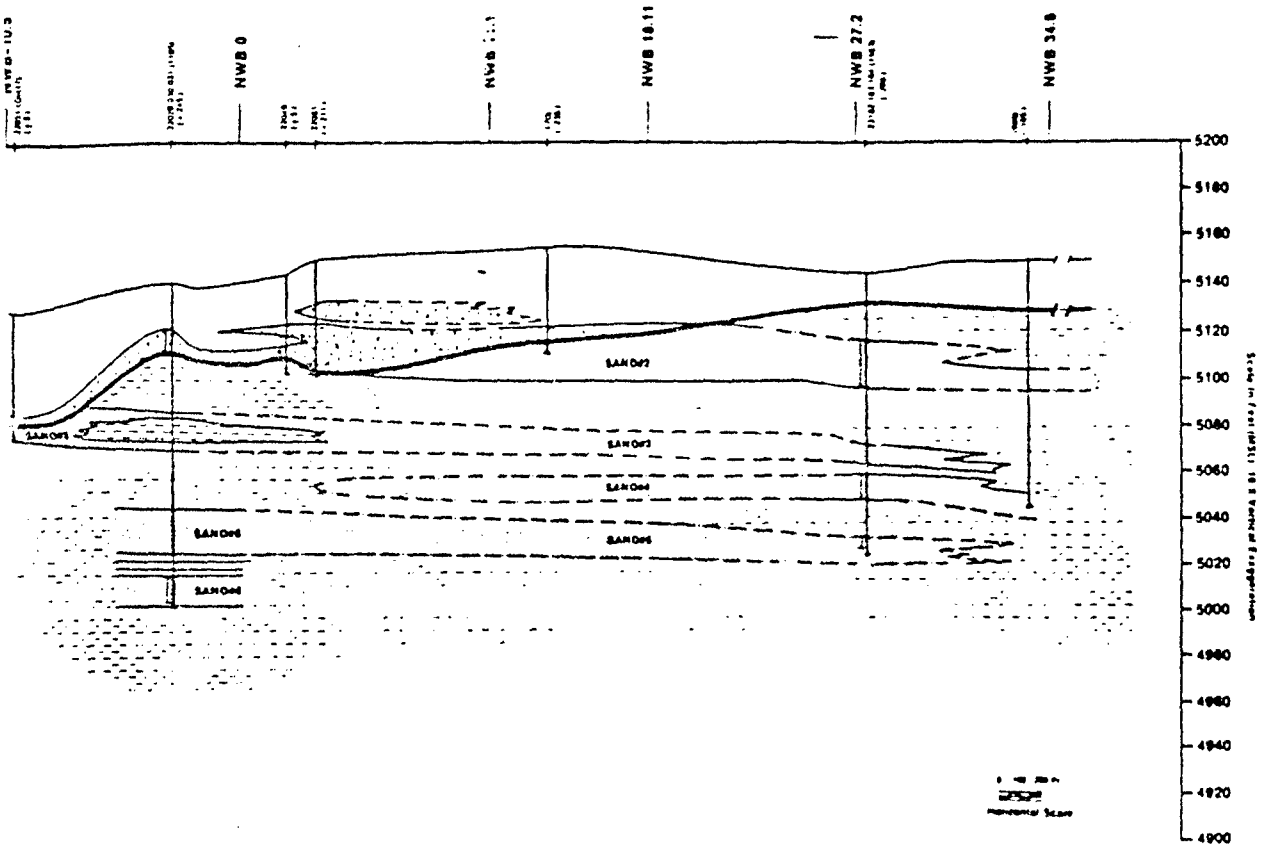


Figure B-2
NORTHWEST BOUNDARY CROSS SECTION 7.8

SOURCE: ESE, 1988

7.8
NW BOUNDARY
LOOKING NW



EXPLANATION

#1 Sandy Zone #1

Contact Between Alluvium And Denver Formation

Contact Between Sandy Zone And Shale In Denver Formation - Dashed Where Inferred

Qal Eolian And Alluvial Deposits

Fine Alluvium — ML CL MH CH SC SM Per USCS Classification

Coarse Alluvium — SP SW GC CM GP GW Per USCS Classification

Tkd Denver Fm

Sandstone Units — Includes Sandstone Silty Sandstone Shaly Sandstone Sandy Siltstone Siltstone

Shale — Includes Shale Claystone Silty Shale

Lignitic Interval

VC Volcaniclastic

NWB 11.1 Location Of Cross Section Match-Line

Well Numbers Listed Sequentially Down From The Surface

Boring Number

Distance Projected To Section + = In Front Of Section - = Behind Section

Screened Section

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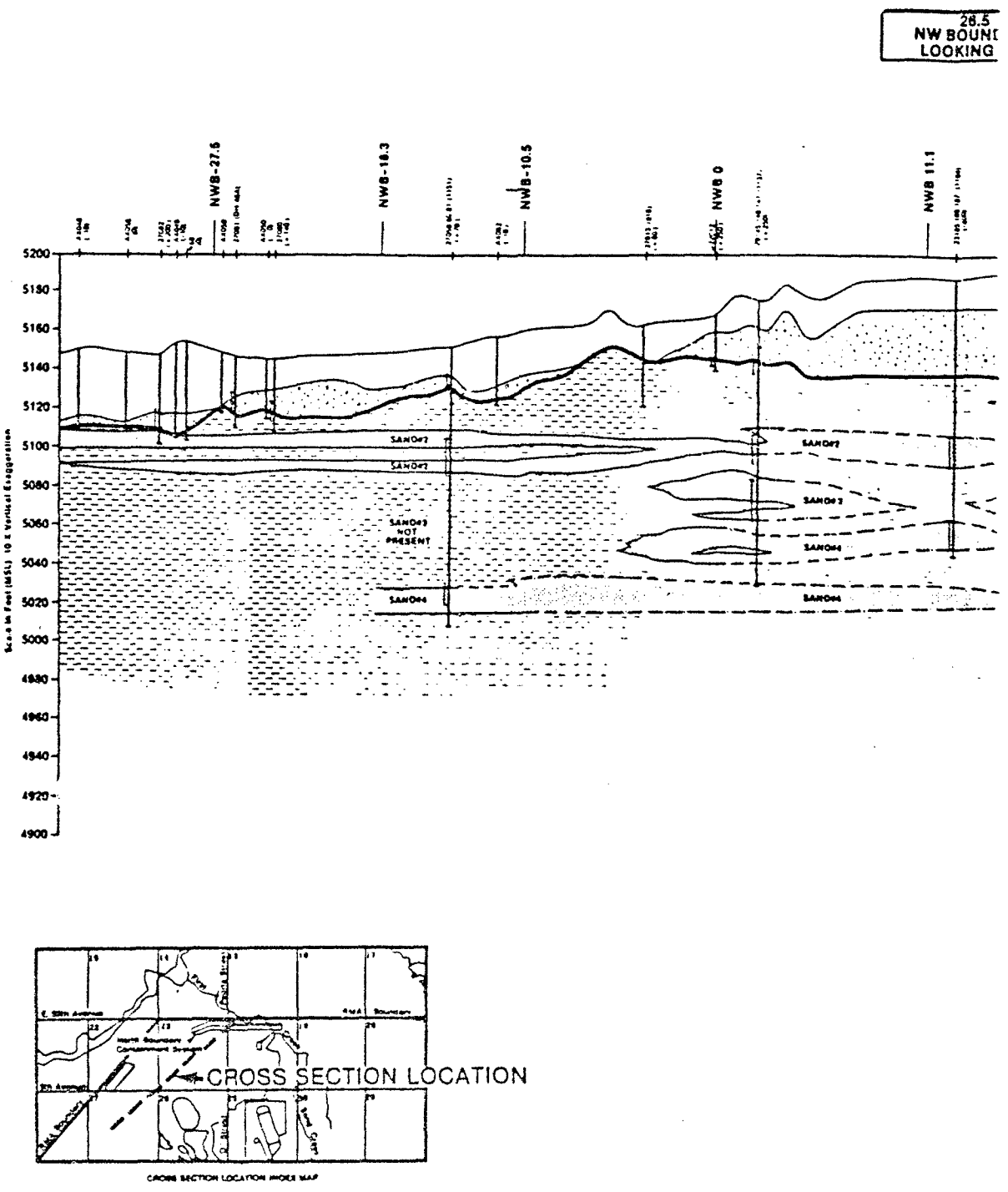
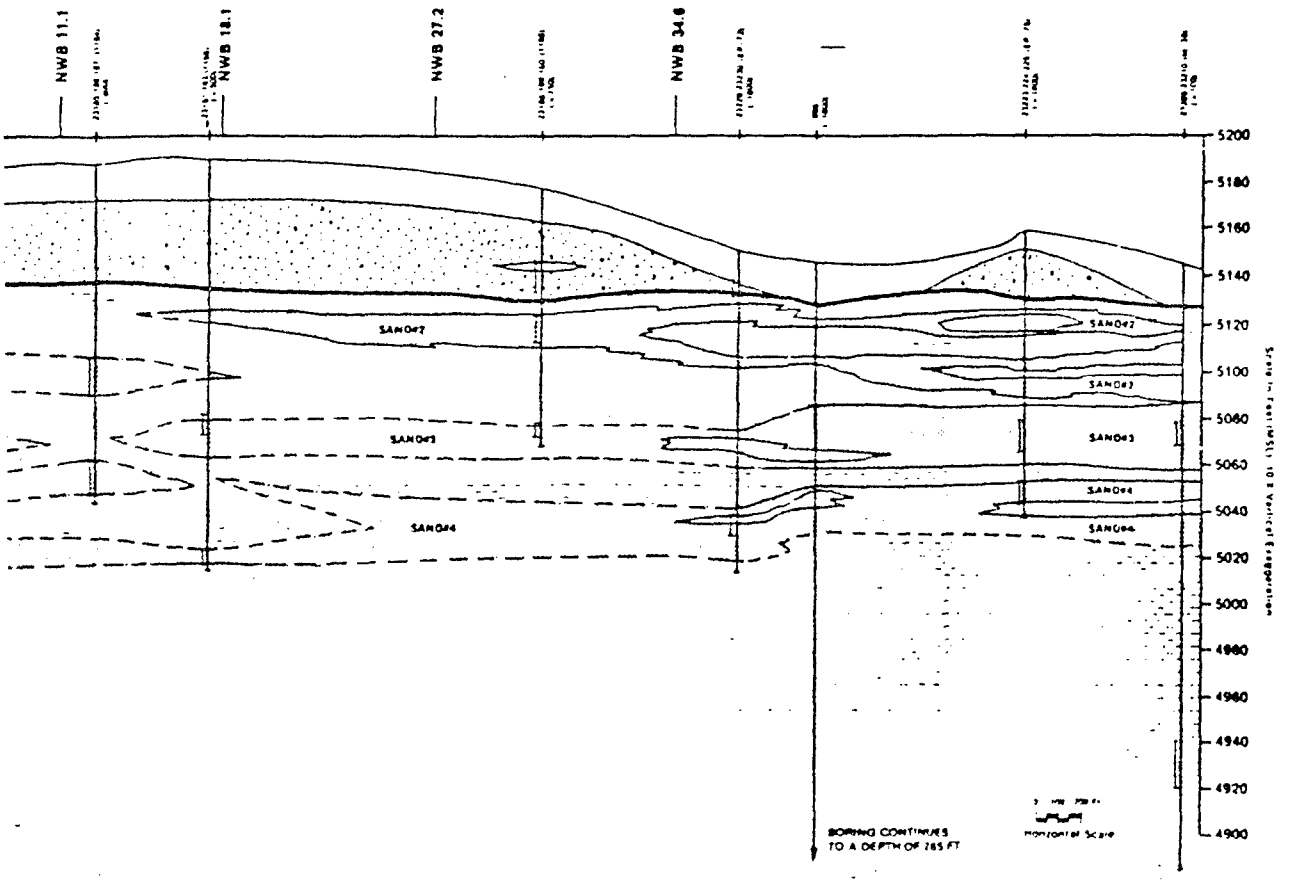


Figure B-3
NORTHWEST BOUNDARY CROSS SECTION 26.5

SOURCE: ESE, 1988

28.5
NW BOUNDARY
LOOKING NW



EXPLANATION

#1 Sandy Zone #1

Contact Between Alluvium And Denver Formation

Contact Between Sandy Zone And Shale In Denver Formation - Dashed Where Inferred

Qal Eolian And Alluvial Deposits

Fine Alluvium — ML CL MH CH, SC SM Per USCS Classification

Coarse Alluvium — SP SW GC GM GP GW Per USCS Classification

Tkd Denver Fm

Sandstone Units — Includes Sandstone Silty Sandstone Shaly Sandstone Sandy Siltstone Siltstone

Shale — Includes Shale Claystone Silty Shale

Lignitic Interval

Vc Volcaniclastic

NWB 11.1 Location Of Cross Section Match-Line

Well Numbers Listed Sequentially Down From The Surface

Boring Number

Distance Projected To Section ⊕ In Front Of Section ⊖ Behind Section

Screens Shown

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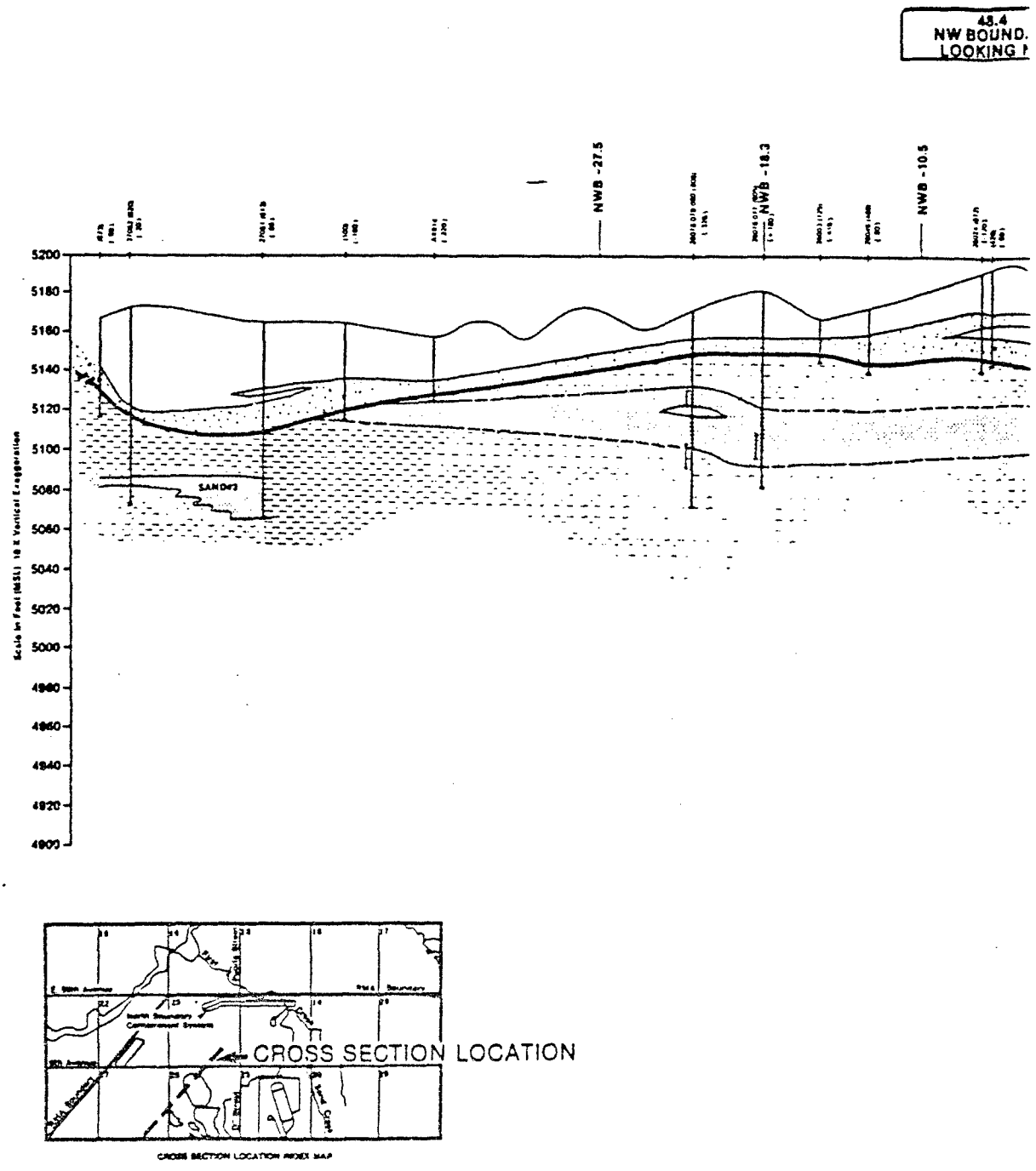
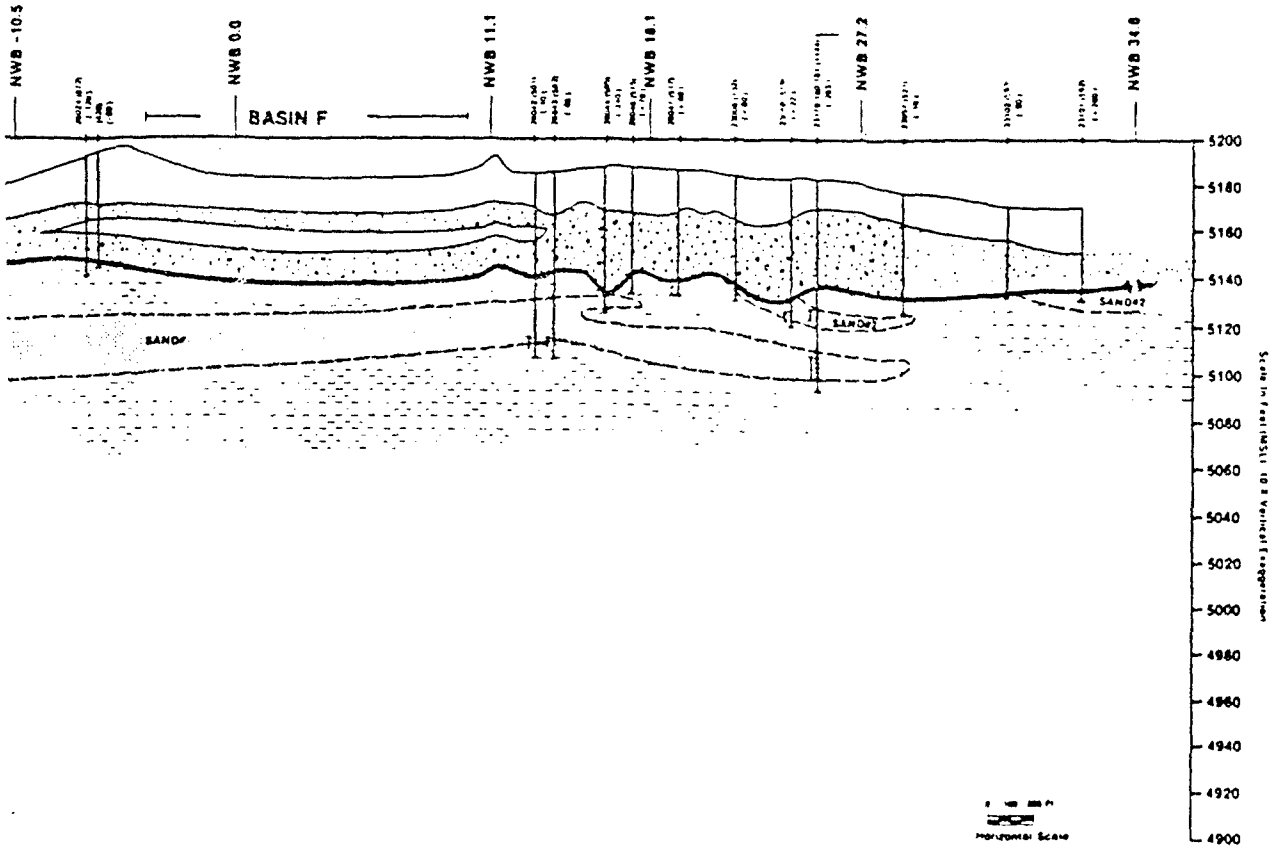


Figure B-4
NORTHWEST BOUNDARY CROSS SECTION 48.4

SOURCE: ESE, 1988

48.4
NW BOUNDARY
LOOKING NW



EXPLANATION

#1 Sandy Zone #1

Contact Between Alluvium And Denver Formation

Contact Between Sandy Zone And Shale in Denver Formation - Dashed Where Inferred

Qal Eolian And Alluvial Deposits

Fine Alluvium — ML CL MH CH SC SM Per USCS Classification

Coarse Alluvium — SP SW GC GM GP GW Per USCS Classification

Tkd Denver Fm

Sandstone Units — Includes: Sandstone Silty Sandstone Shaly Sandstone Sandy Siltstone Siltstone

Shale — Includes: Shale Claystone Silty Shale

Lignite Interval

Vc Volcaniclastic

NWB 11.1 Location Of Cross Section Match-Line

Well Numbers Listed Sequentially Down From The Surface

Screens Shown

Boring Number

Distance Projected To Section
+ = In Front Of Section
- = Behind Section

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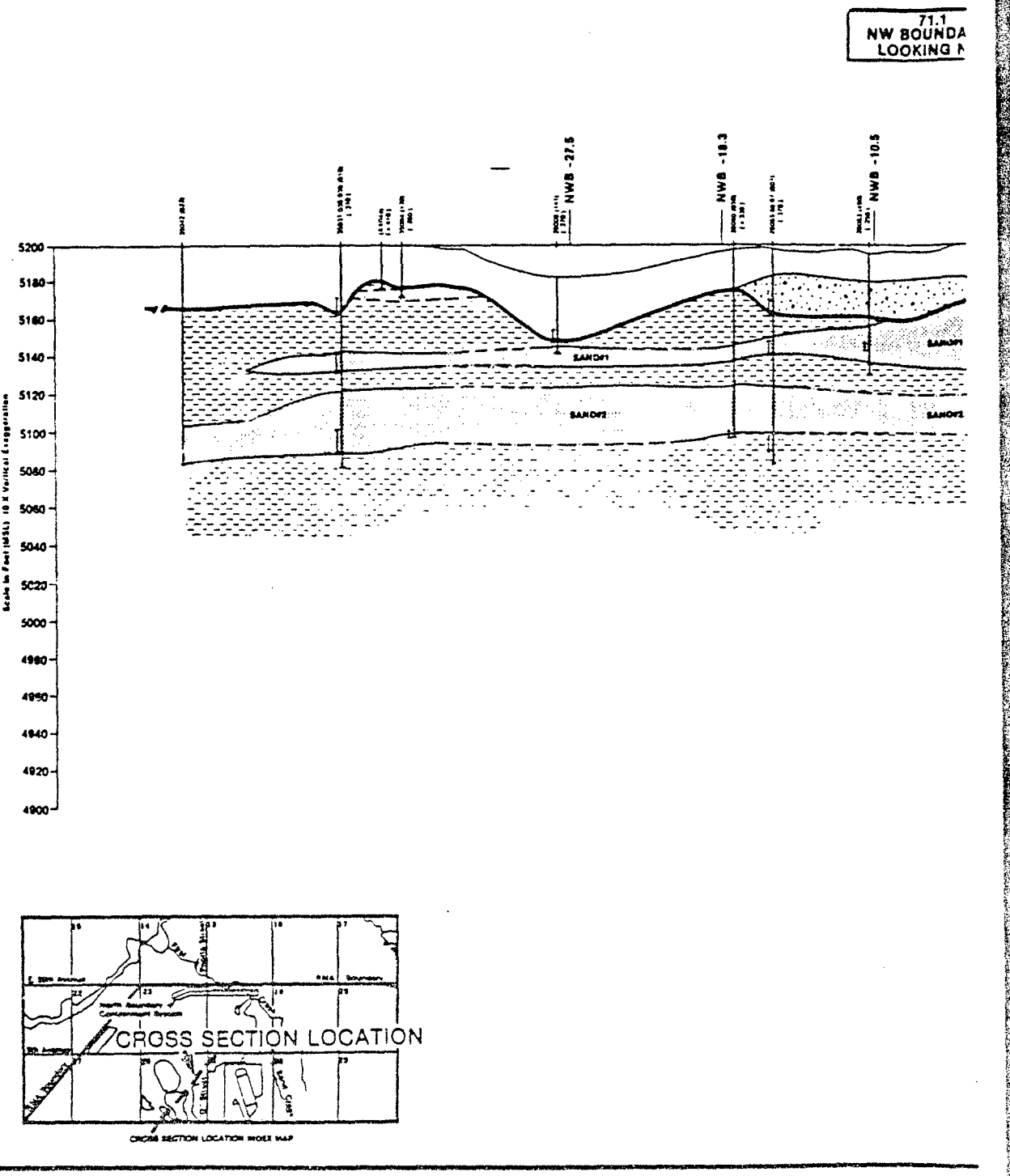
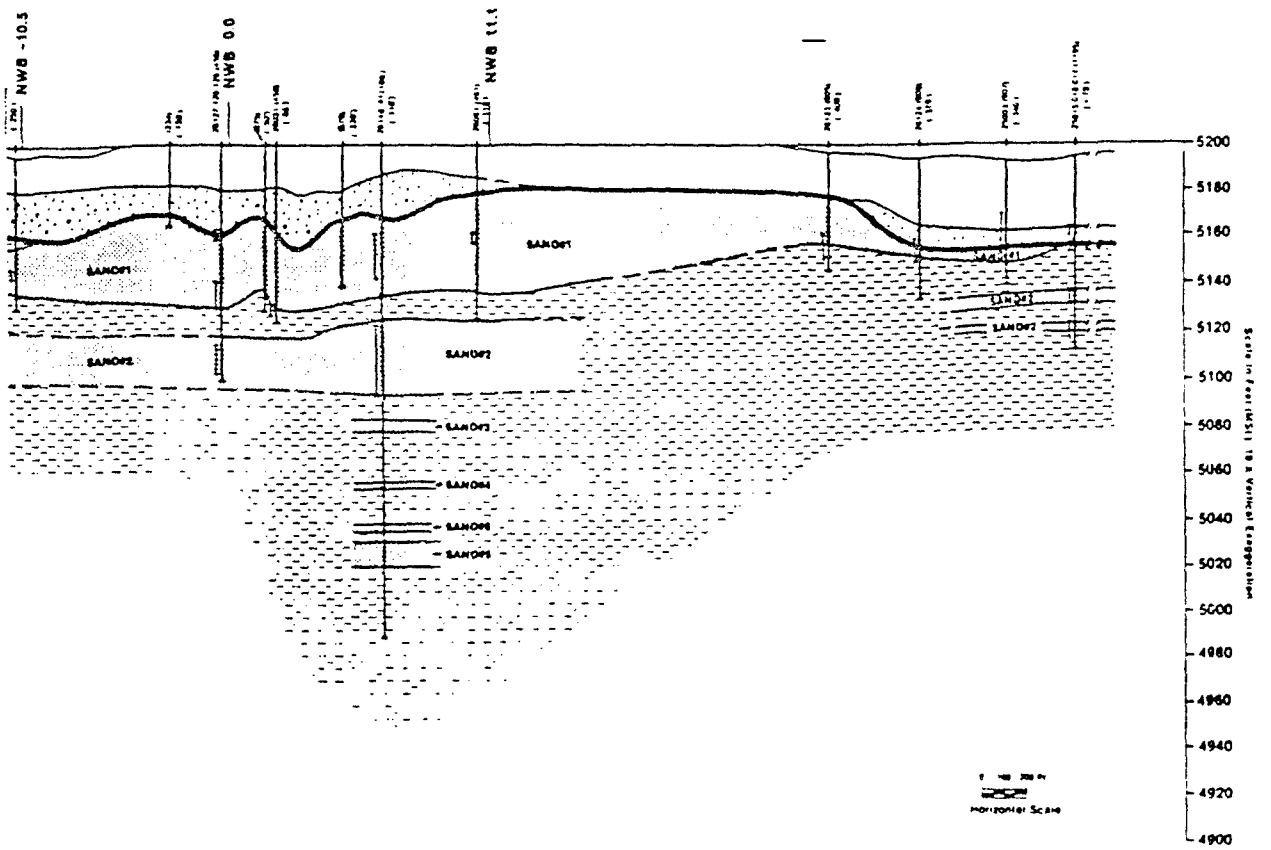


Figure B-5
NORTHWEST BOUNDARY CROSS SECTION 71.1

SOURCE: ESE, 1988

71.1
NW BOUNDARY
LOOKING NW



EXPLANATION

#1 Sandy Zone #1

Contact Between Alluvium And Denver Formation

Contact Between Sandy Zone And Shale In Denver Formation - Dashed Where Inferred

Qal Eolian And Alluvial Deposits
- Fine Alluvium — ML CL MH CH SC SM Per USCS Classification
- Coarse Alluvium — SP SW GC GM GP GW Per USCS Classification

Tkd Denver Fm.
- Sandstone Units — Includes: Sandstone Silty Sandstone Shaly Sandstone Sandy Siltstone Siltstone
- Shale — Includes: Shale Claystone Silty Shale
- Lignitic Interval
- Vc — Volcaniclastic

NWB 11.1 — Location Of Cross Section Match-Line

Well Numbers Listed Sequentially Down From The Surface (e.g. 232 233 234 235 (EP-75) (= MW))

Boring Number

Distance Projected To Section
+ = In Front Of Section
- = Behind Section

Screens Shown

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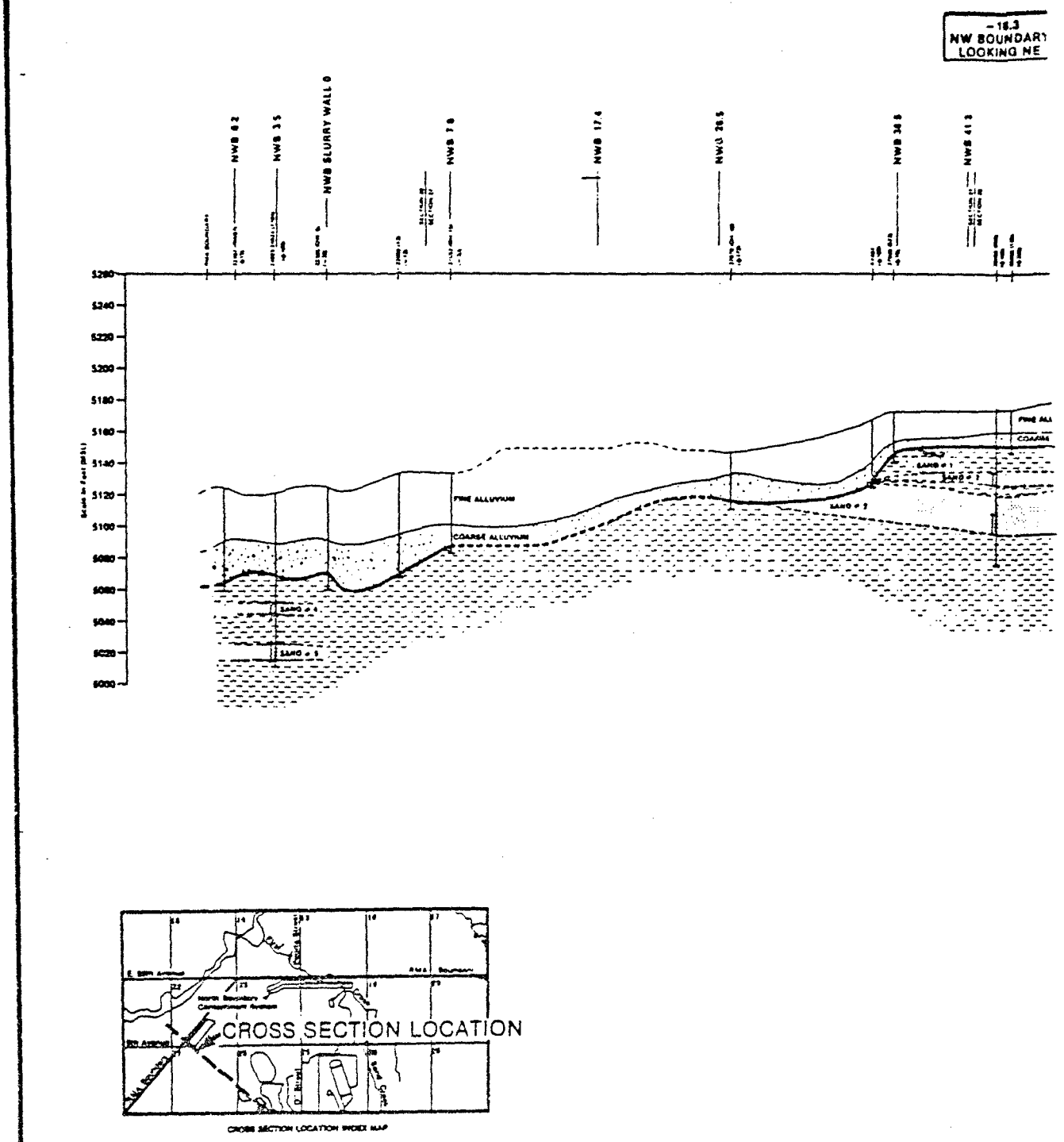
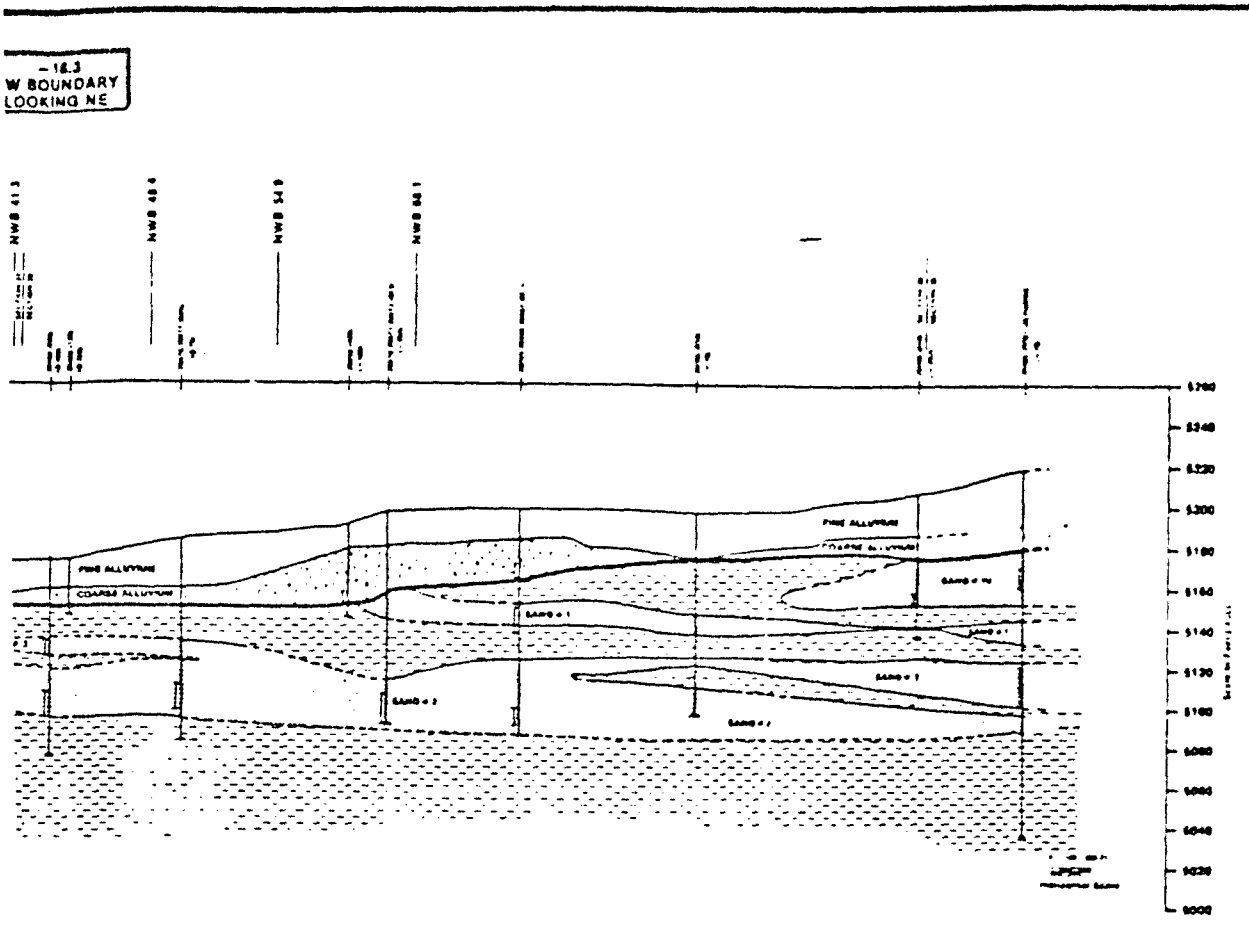


Figure B-6
NORTHWEST BOUNDARY CROSS SECTION -18.3

SOURCE: ESE, 1988



EXPLANATION

#1 Sandy Zone #1

Contact Between Alluvium And Denver Formation

Contact Between Sandy Zone And Shale in Denver Formation - Dashed Where Inferred

Qal Eolian And Alluvial Deposits

Fine Alluvium — ML CL MH CH SC SM Per USCS Classification

Coarse Alluvium — SP SW GC GM GP GW Per USCS Classification

Tkd Denver Fm

Sandstone Units — Includes Sandstone Silty Sandstone Shaly Sandstone Sandy Siltstone Siltstone

Shale — Includes Shale Claystone Silty Shale

Lignitic Interval

VC Volcaniclastic

NWB 111 Location Of Cross Section Match-Line

Well Numbers Listed Sequentially Down From The Surface

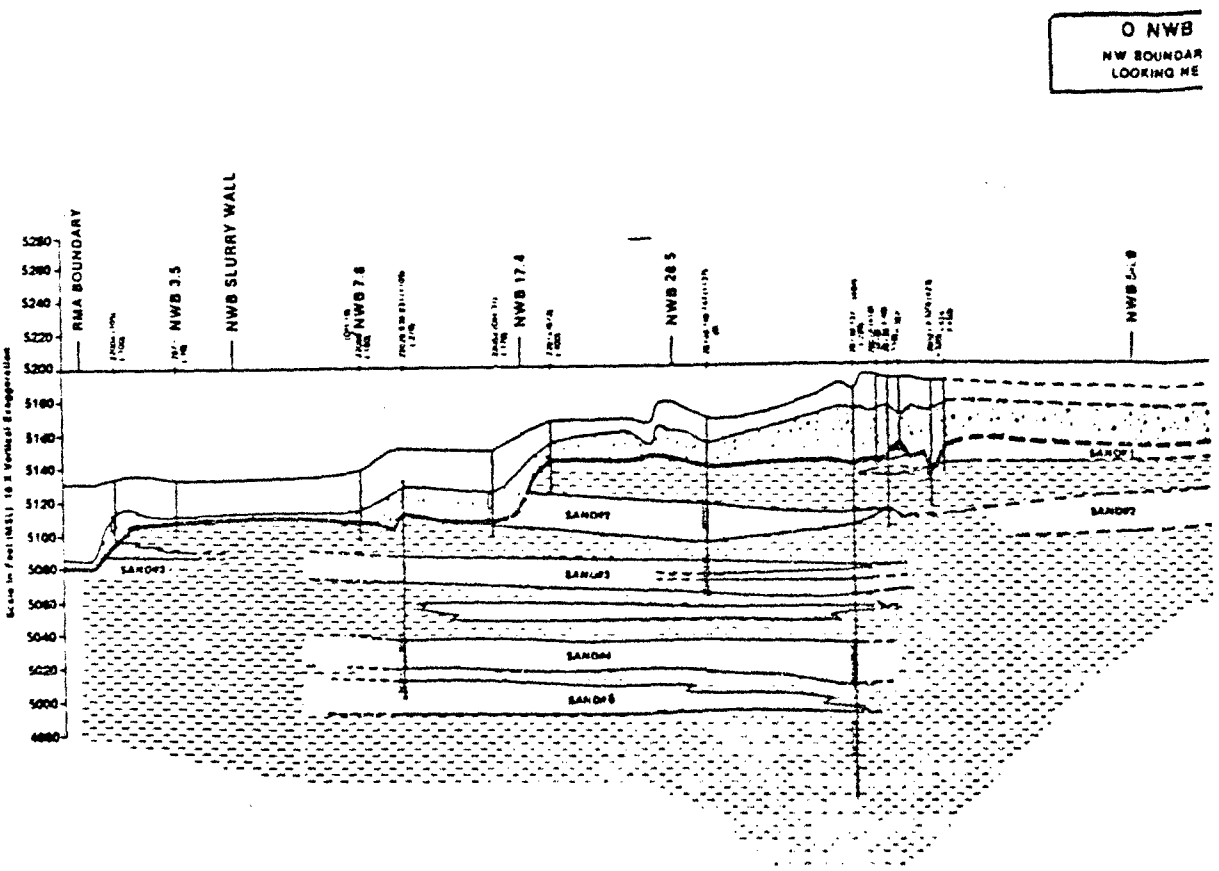
Boring Number

Distance Projected To Section + = In Front Of Section - = Behind Section

Screens Shown

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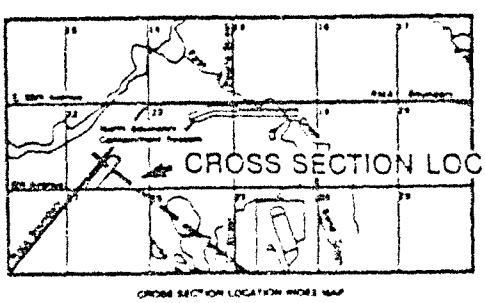
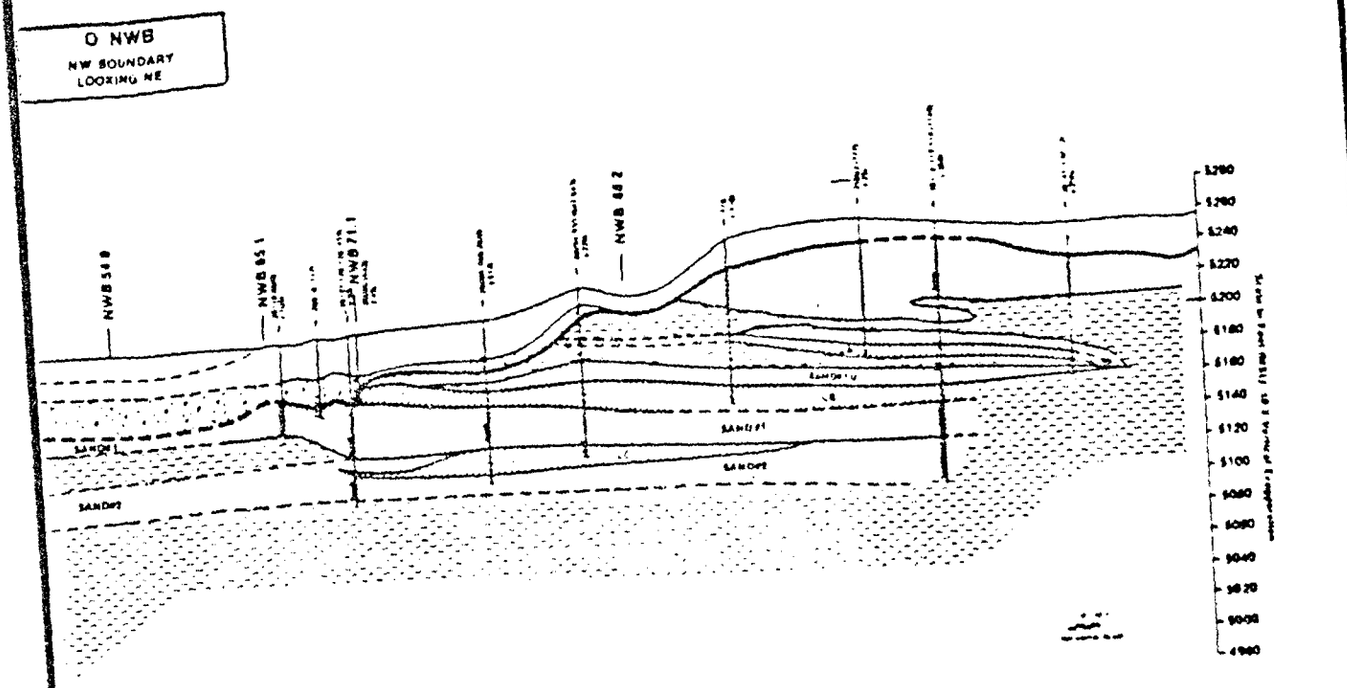
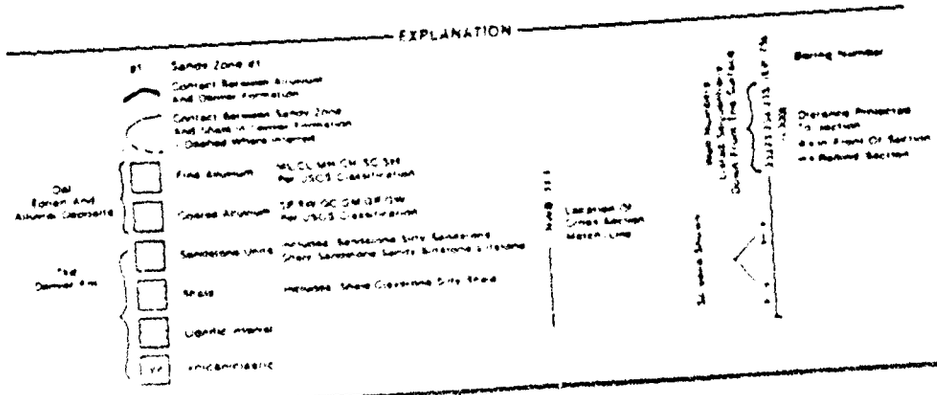


Figure 8-7
NORTHWEST BOUNDARY CROSS SECTION 0.0

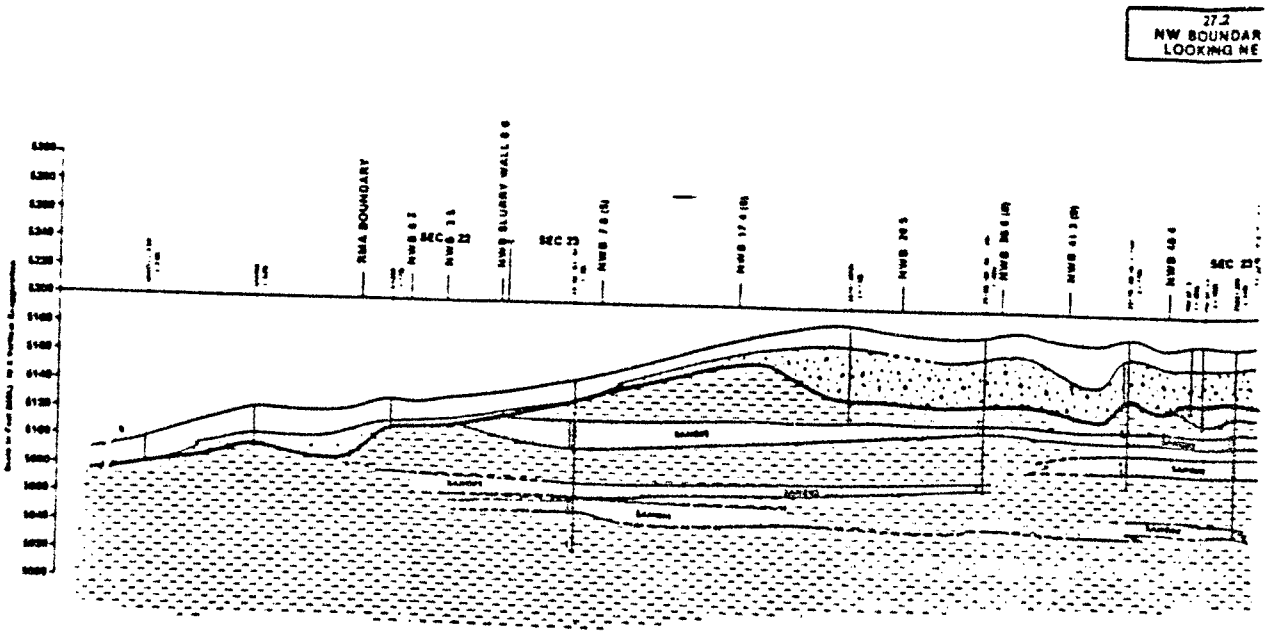
SOURCE ESE, 1988

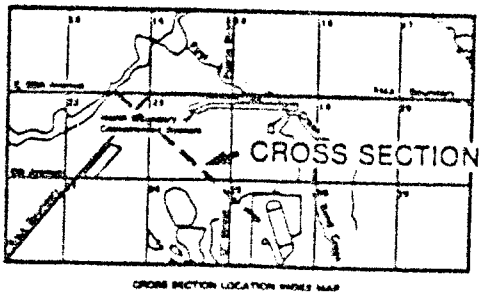




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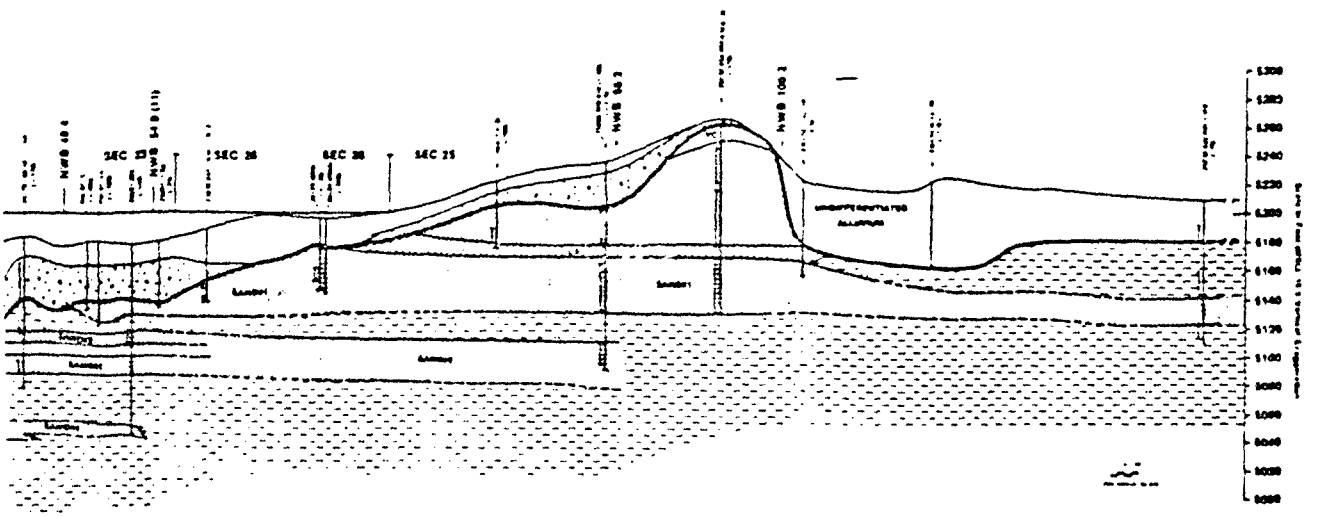


CROSS SECTION LOCATION

Figure B-8
NORTHWEST BOUNDARY CROSS SECTION 27.2

SOURCE ESE, 1988

27.2
NW BOUNDARY
LOOKING NE



EXPLANATION

#1 Sandy Zone #1

Contact Between Alluvium And Denver Formation

Contact Between Sandy Zone And Shale In Denver Formation - Dashed Where Inferred

Qal Eolian And Alluvial Deposits

Fine Alluvium — ML CL MH CH SC SM Per USCS Classification

Coarse Alluvium — SP SW GC GM GP GW Per USCS Classification

Tkd Denver Fm

Sandstone Units — Includes Sandstone Silty Sandstone Shaly Sandstone Sandy Siltstone Claystone

Shale — Includes Shale Claystone Silty Shale

Lignitic Interval

VC Volcaniclastic

AWB 111 Location Of Cross Section Match-Line

Well Numbers Listed Sequentially Down From The Surface

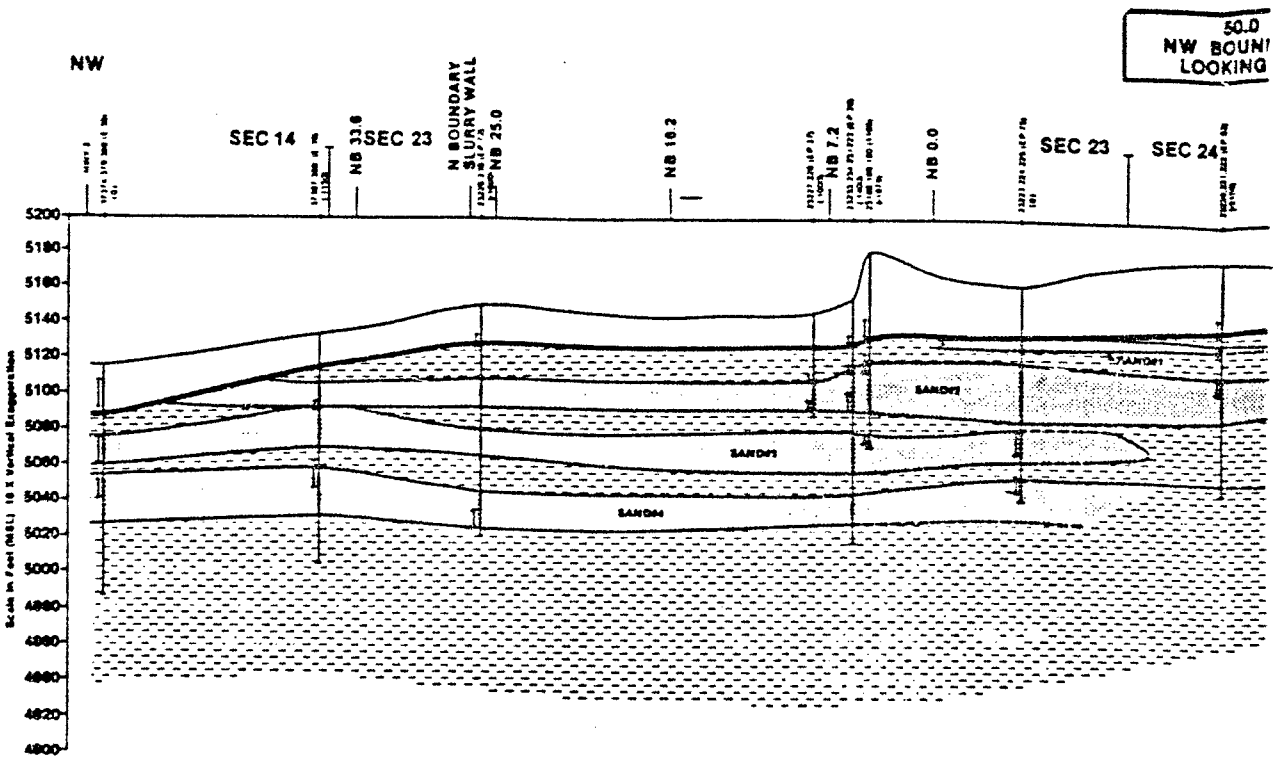
Boring Number

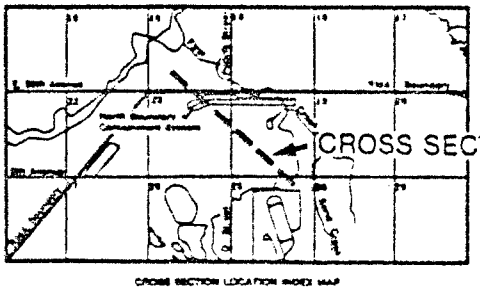
Distance Projected To Section + = In Front Of Section - = Behind Section

Screens Shown

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland





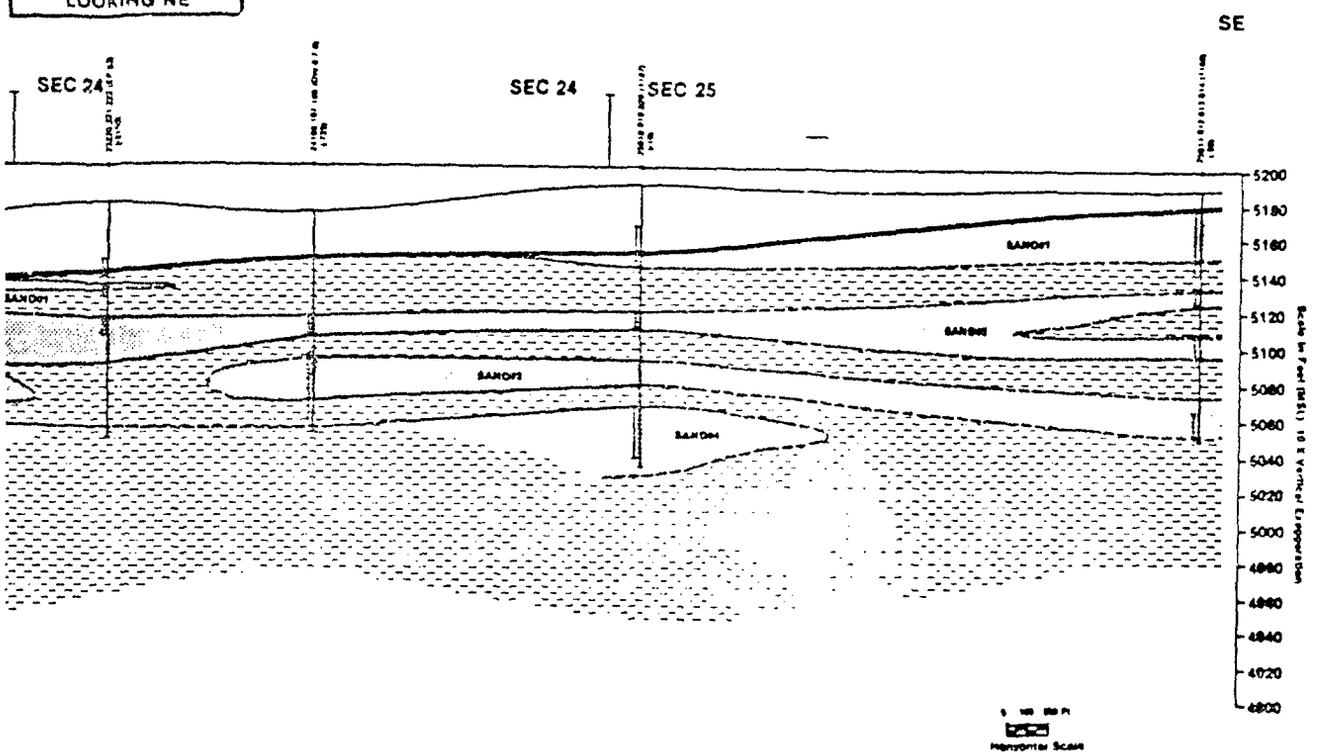
CROSS SECTION LOCATION

Figure B-9
NORTHWEST BOUNDARY CROSS SECTION 50.0

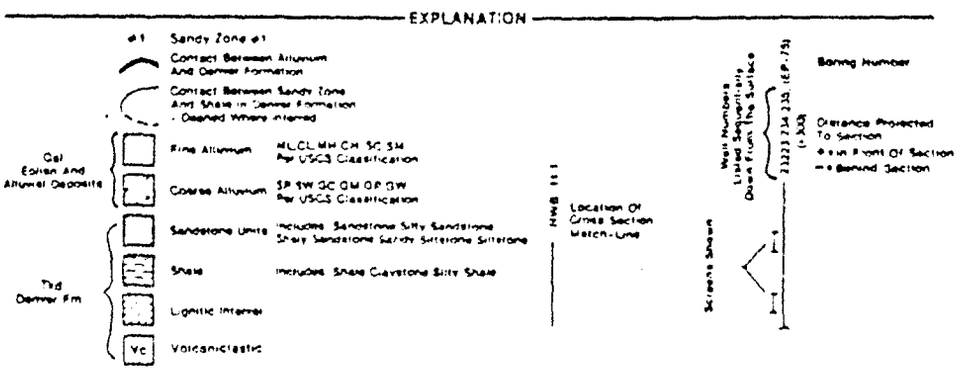
SOURCE: ESE, 1988

50.0
NW BOUNDARY
LOOKING NE

SE



EXPLANATION



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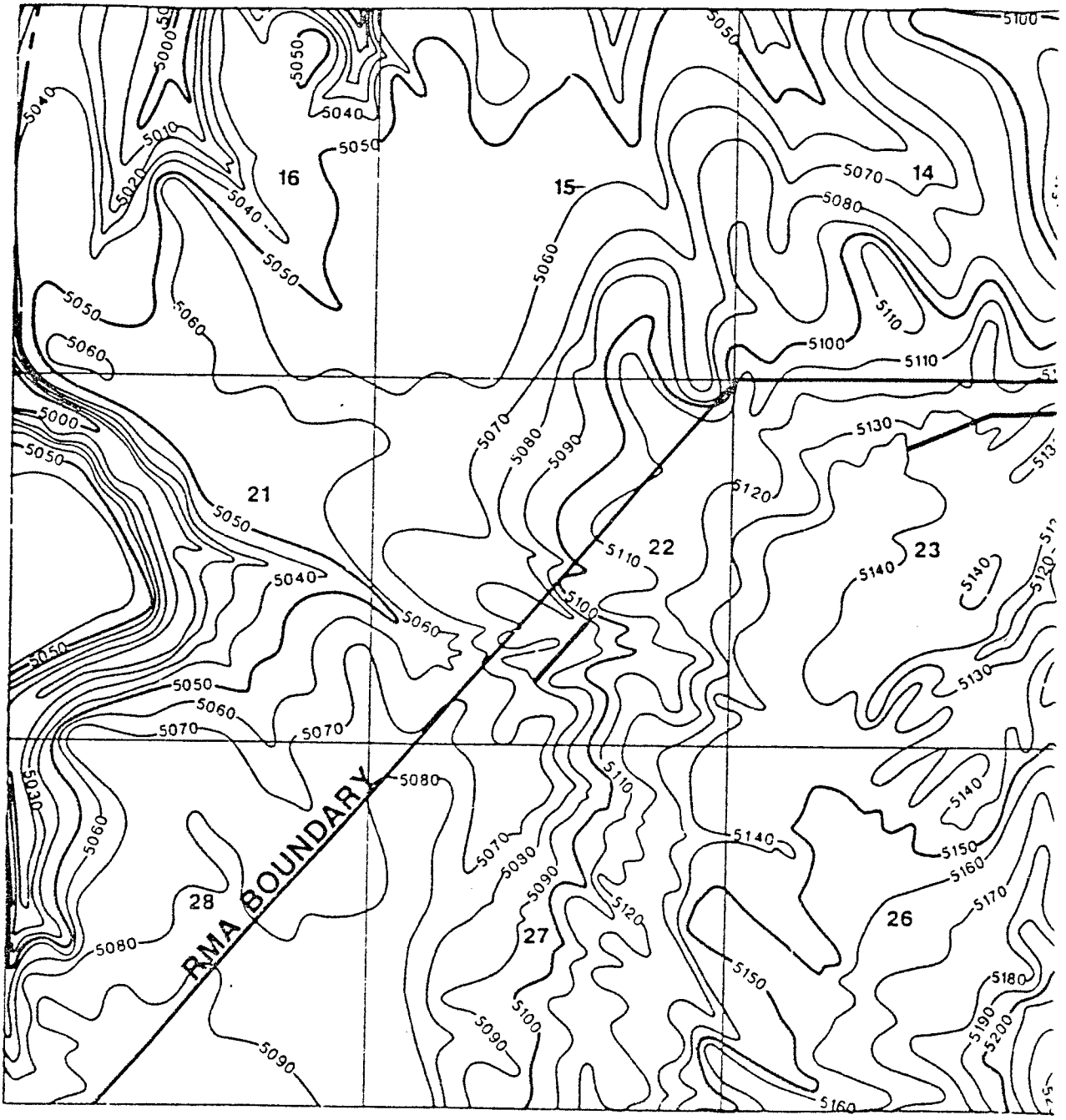
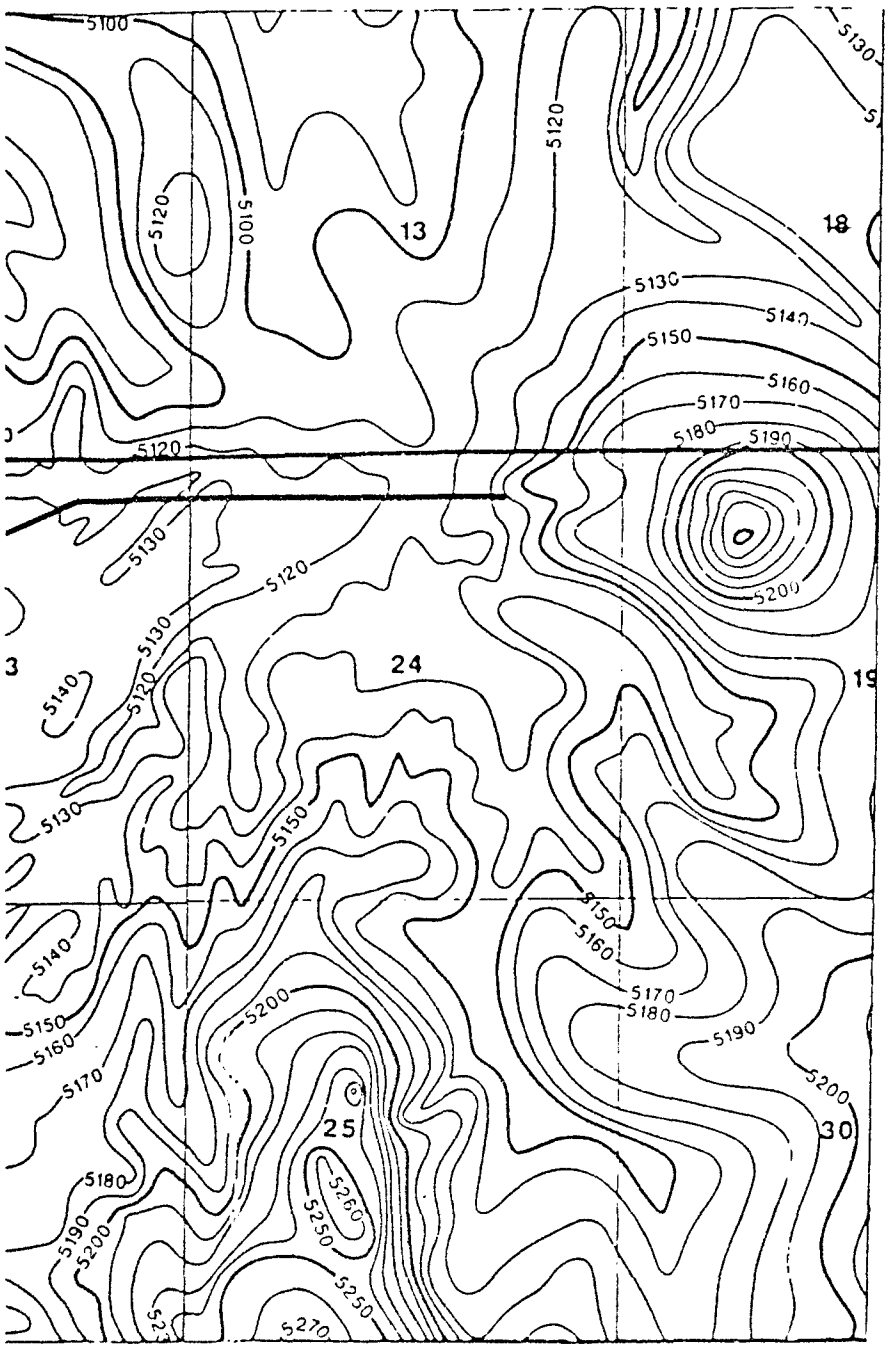


Figure B-10
CONTOUR MAP TOP OF THE DENVER FORMATION

SOURCE: ESE, 1988



EXPLANATION

CI: 10'

N

0 1000 2000

Scale in Feet

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Aberdeen Proving Ground, Maryland

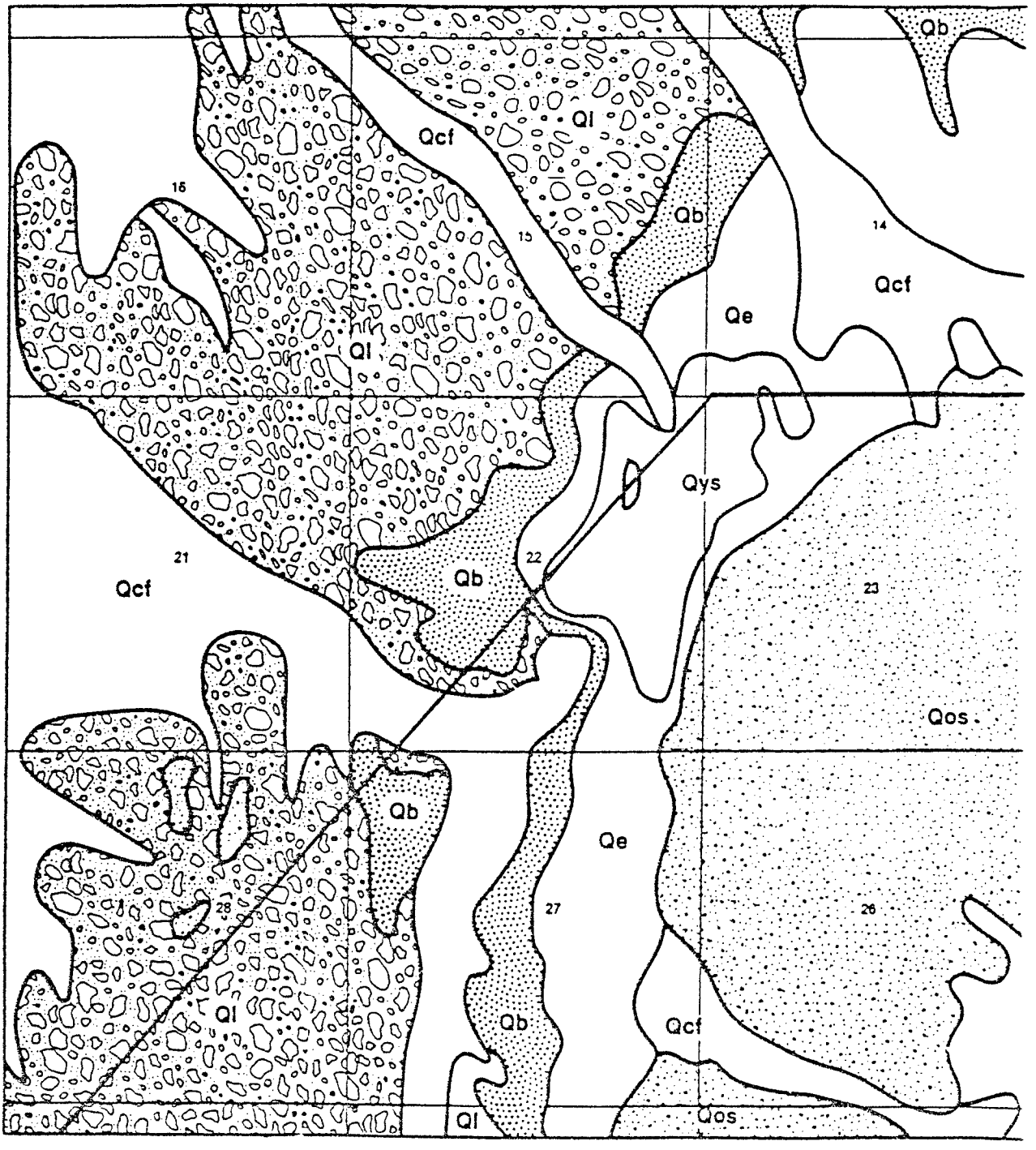
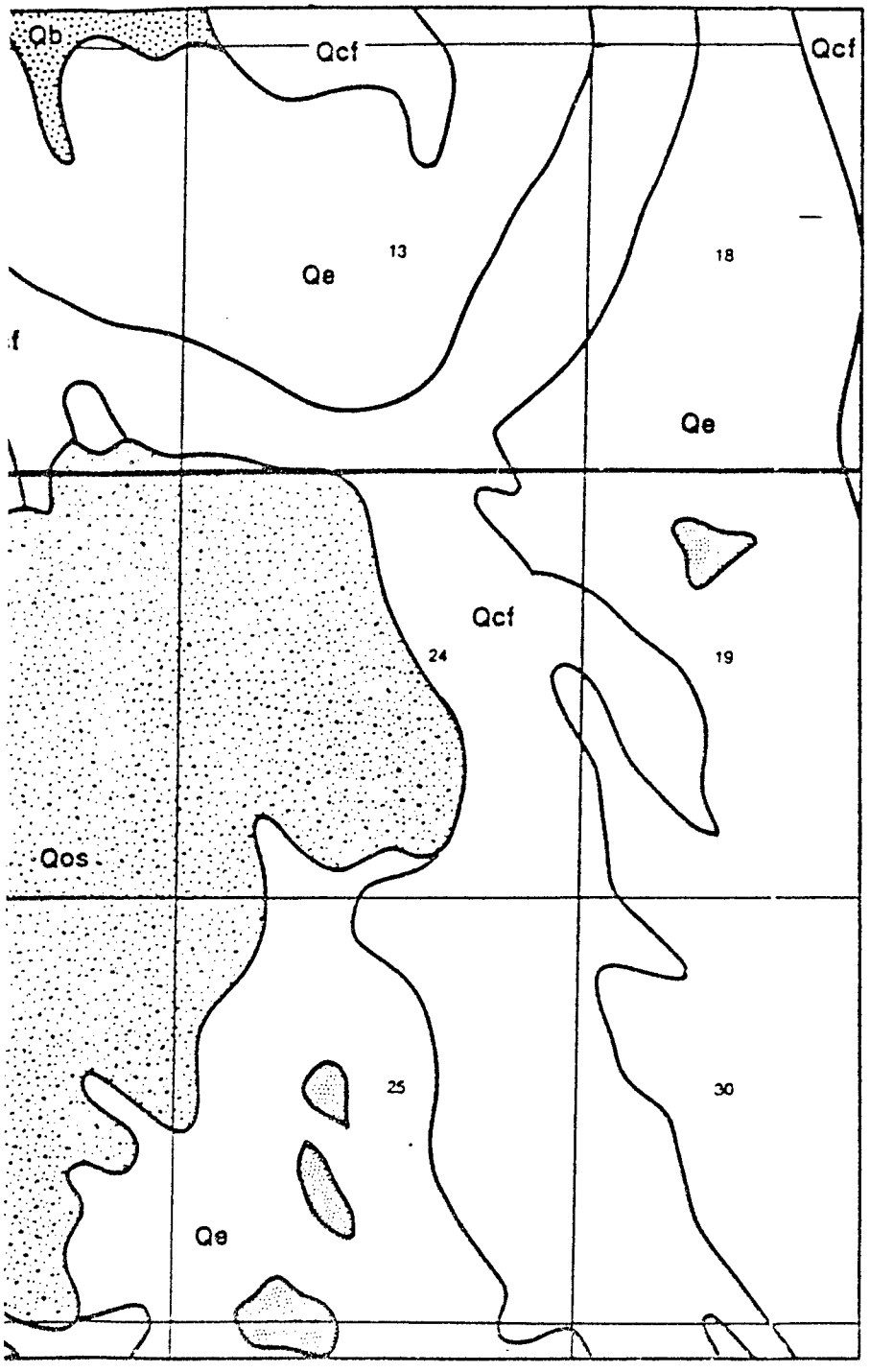


Figure B-11
QUATERNARY SEDIMENTS IN CONTACT WITH BEDROCK

SOURCE: MKE, 1988

(2)



EXPLANATION

Qe	EOLIAN ID 9450
Qb	BROADWAY 9350
Qcf	CHANNEL FILL ID 8950
Ql	LOUVIERS ID 9150
Qys	YOUNGER SLOCUM ID 8750
Qos	OLDER SLOCUM ID 8650
Qv	VERDOS ID 8850

N

2000 0 2000

SCALE (in feet)

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Aberdeen Proving Ground, Maryland

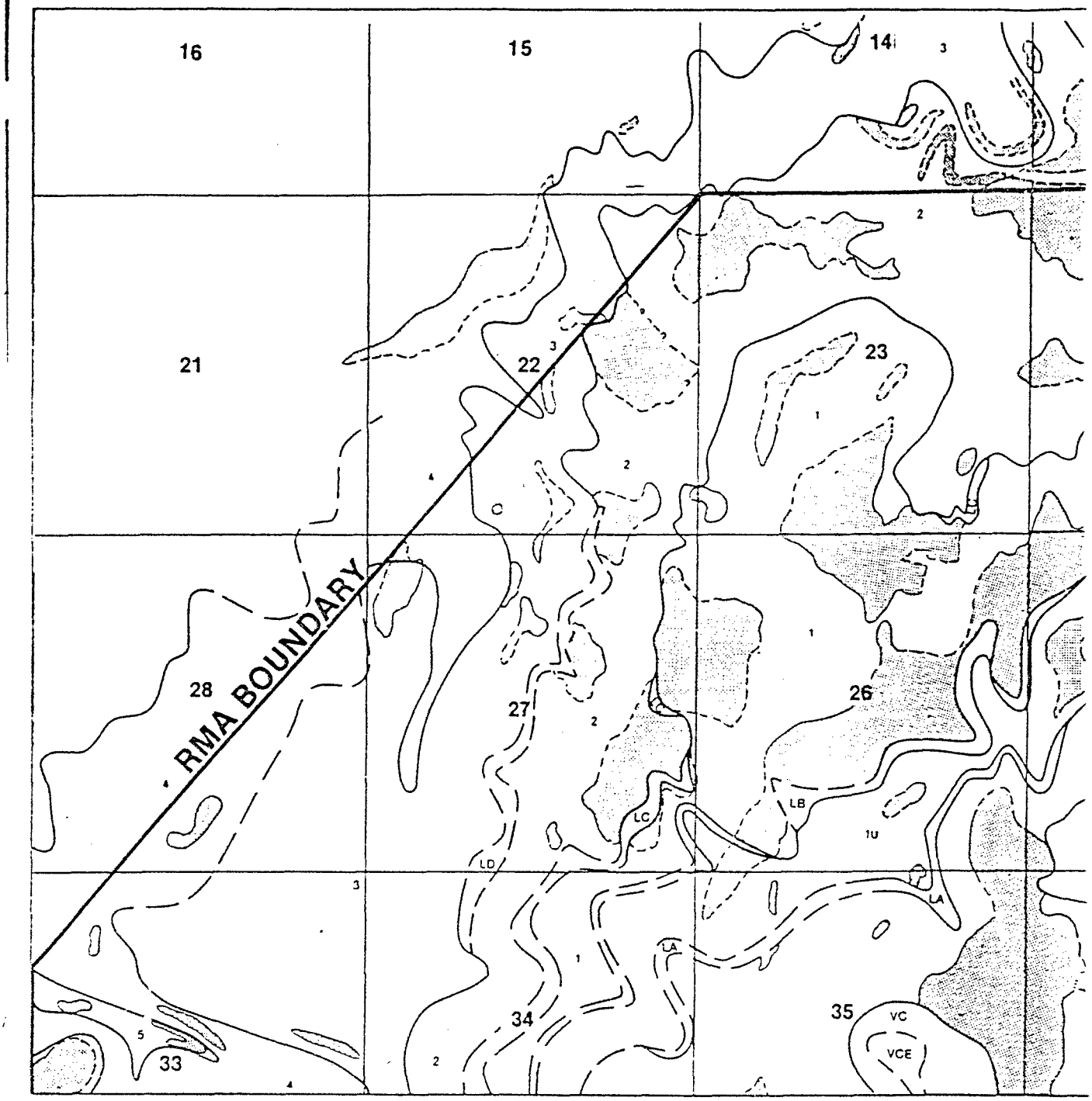
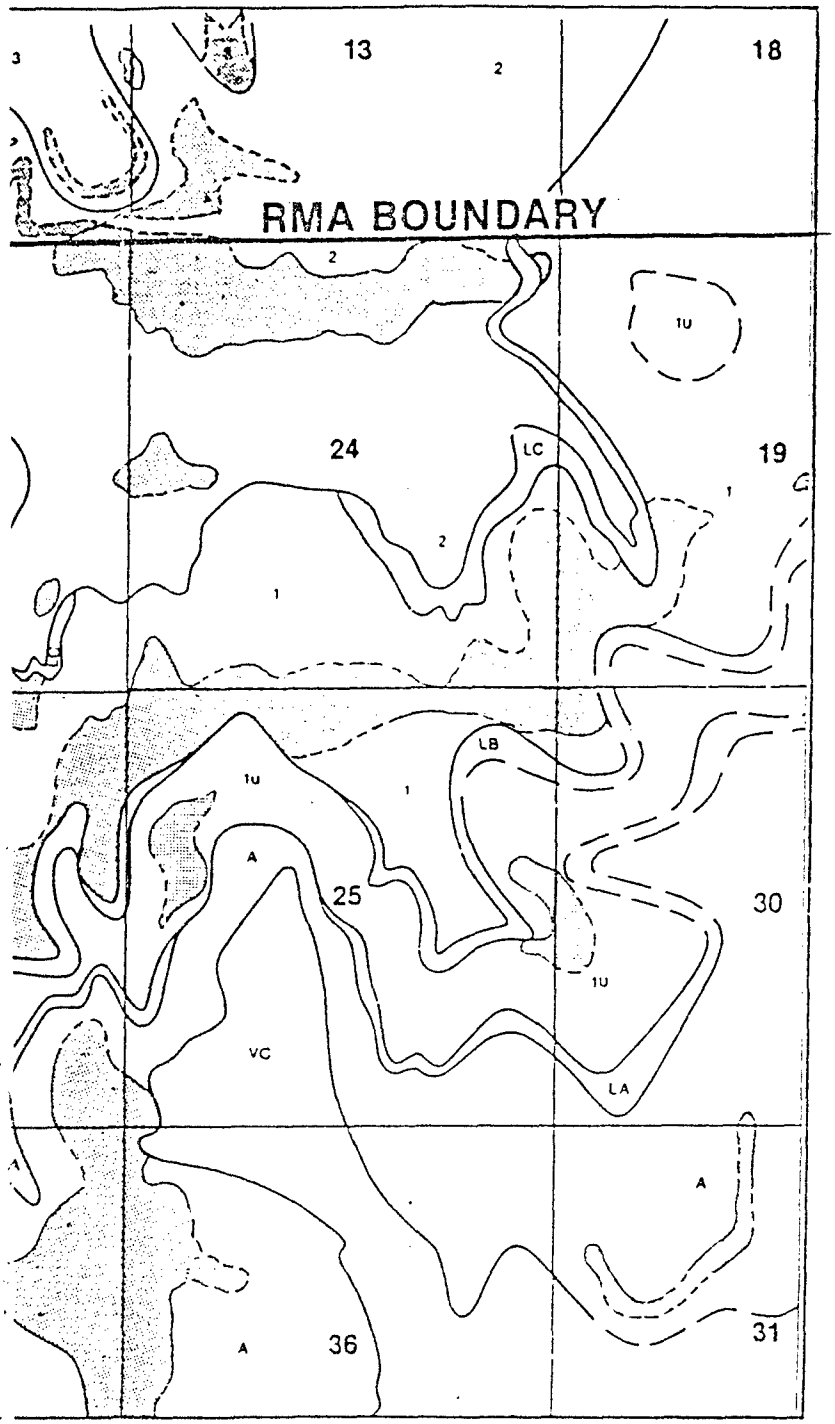


Figure 8-12
DENVER FORMATION SUBCROP MAP

SOURCE:ESE,1988



EXPLANATION

SANDSTONE SUBCROP — DASHED WHERE INFERRED FROM CROSS SECTIONS

DENVER ZONE CONTACT — DASHED WHERE INFERRED

VC/VCE — VOLCANICLASTIC/ VOLCANICLASTIC EQUIVALENT
A — SAND ZONE A
LA — LIGNITE A
1u — SAND ZONE 1u
LB — LIGNITE B
1 — SAND ZONE 1
LC — LIGNITE C
2 — SAND ZONE 2
3 — SAND ZONE 3
4 — SAND ZONE 4
LD — LIGNITE D
5 — SAND ZONE 5

N

0 1000 2000

Scale In Feet

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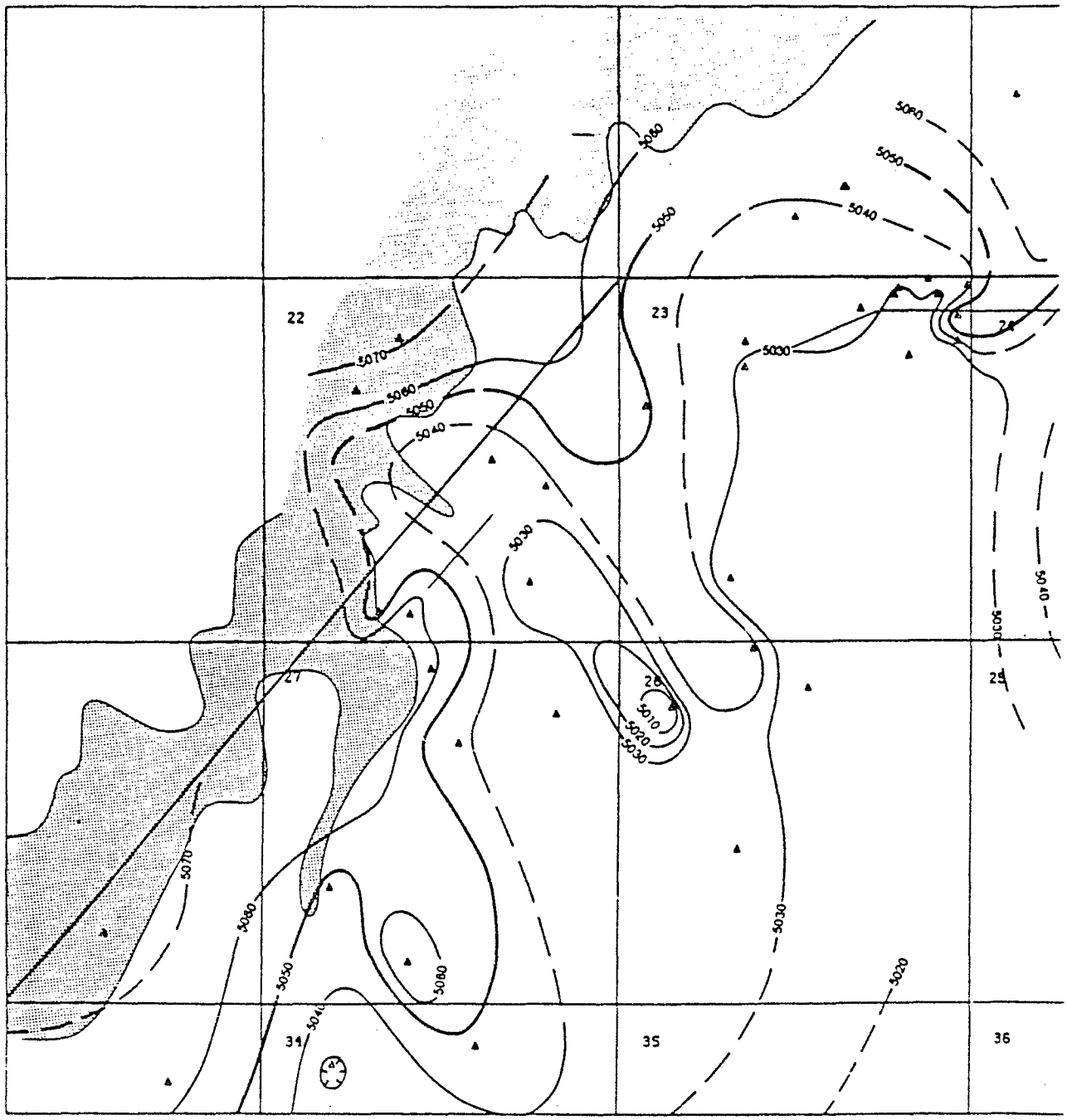
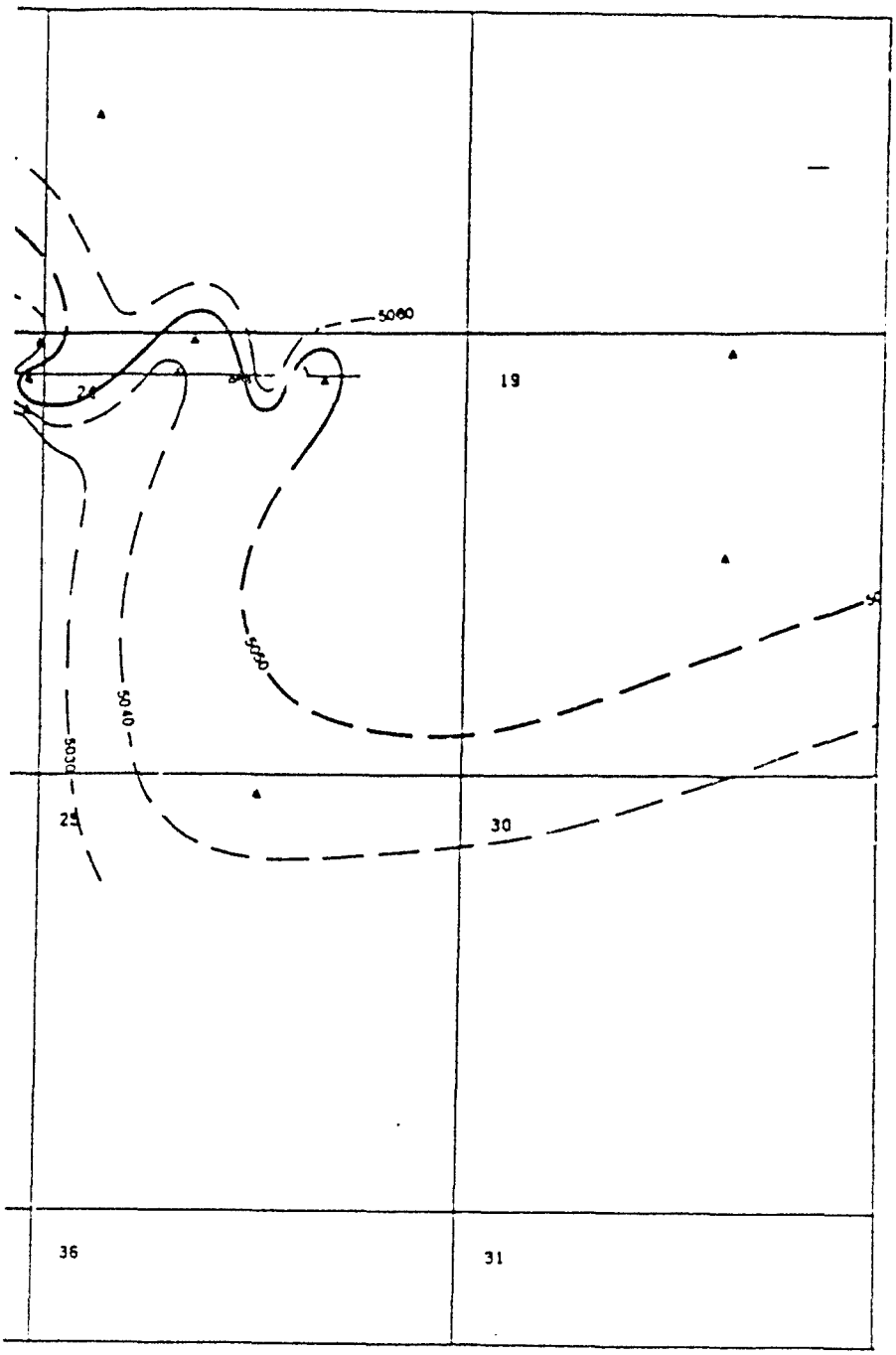


Figure B-13
BASE ELEVATION CONTOUR MAP
DENVER FORMATION SAND ZONE 4

SOURCE:ESE,1988



EXPLANATION

SUBCROP

5040 ELEVATION CONTOUR IN FEET (MSL)

--5040-- ELEVATION INFERRED

BORING LOCATION

N

0 1000 2000

Scale in Feet

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Aberdeen Proving Ground, Maryland

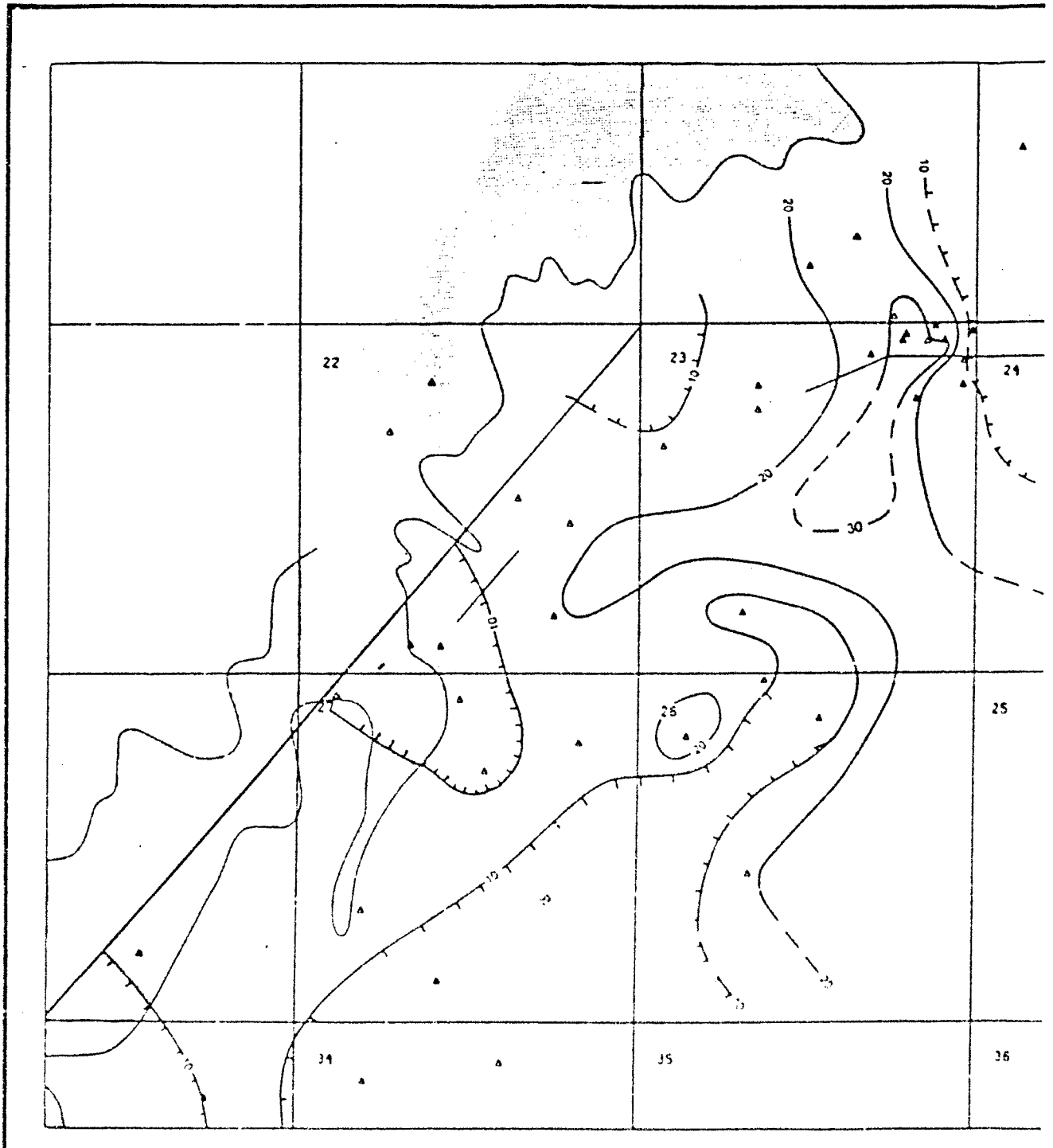
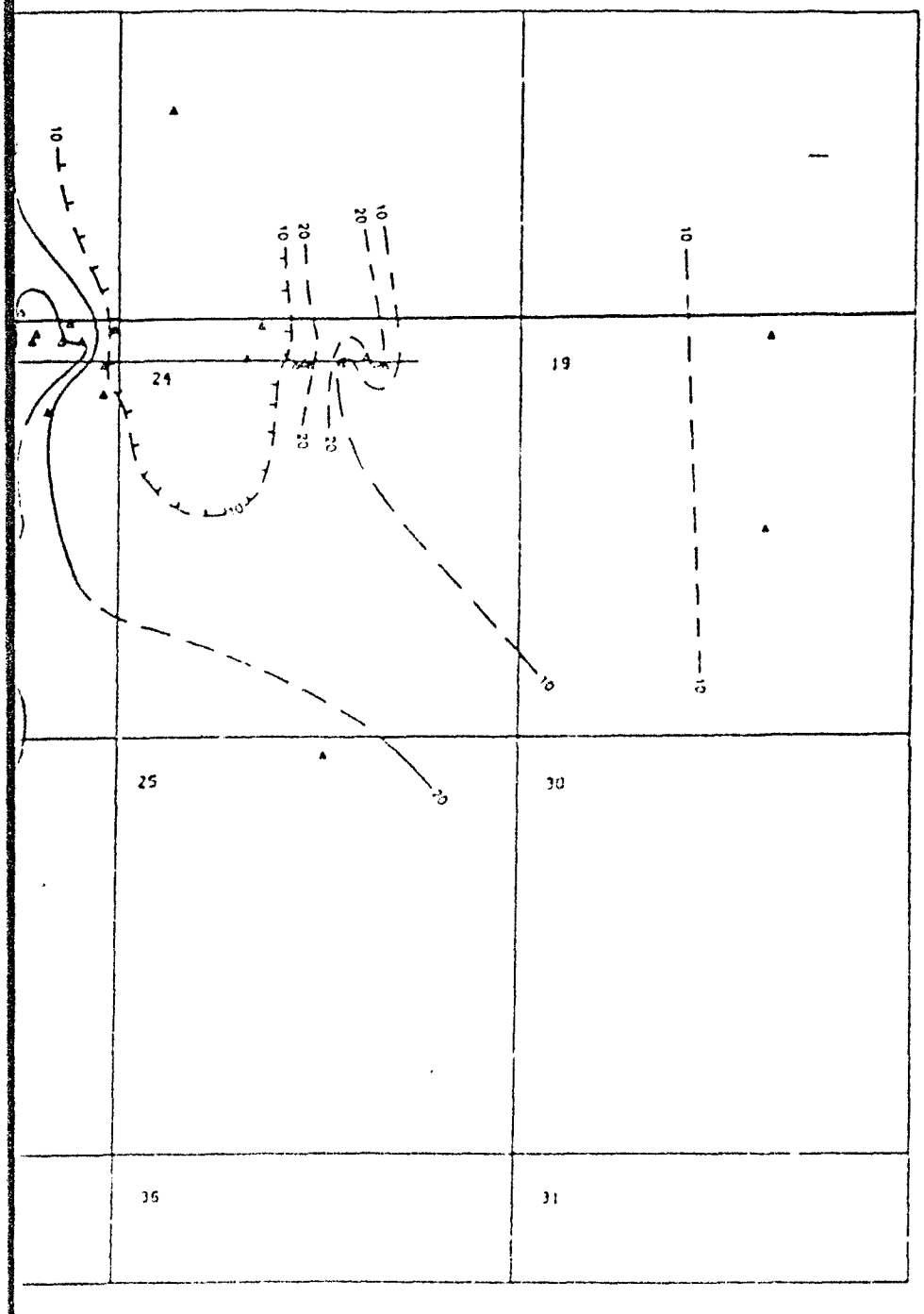


Figure B-14
NET SAND ISOPACH CONTOUR MAP
DENVER FORMATION SAND ZONE 4

SOURCE: ESE, 1988



EXPLANATION

SUBCROP

10 ISOPACH CONTOUR (FEET)

10 ISOPACH INFERRED

BORING LOCATION

N

0 1000 2000

Scale in Feet

Prepared for:
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Aberdeen Proving Ground, Maryland

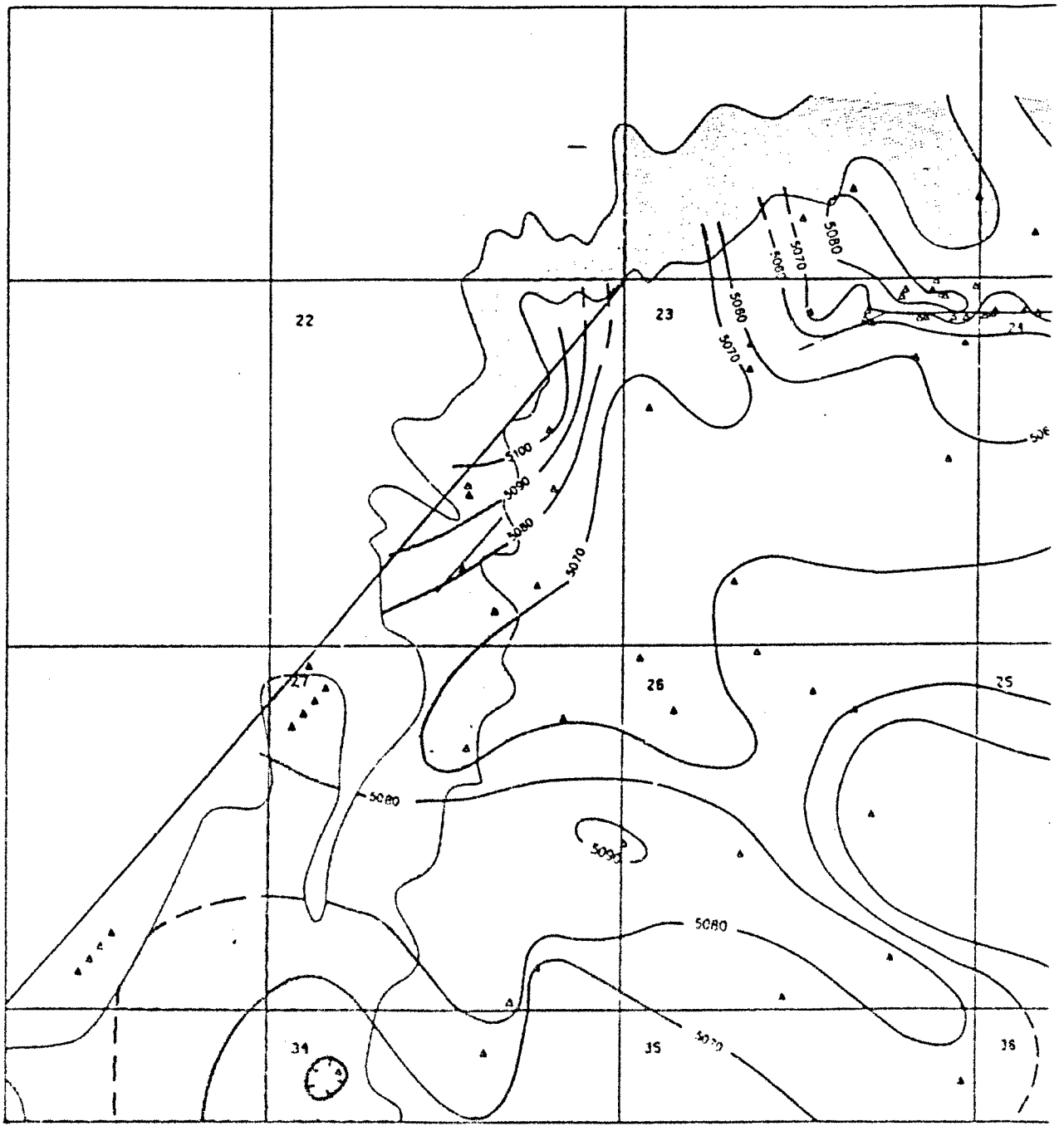
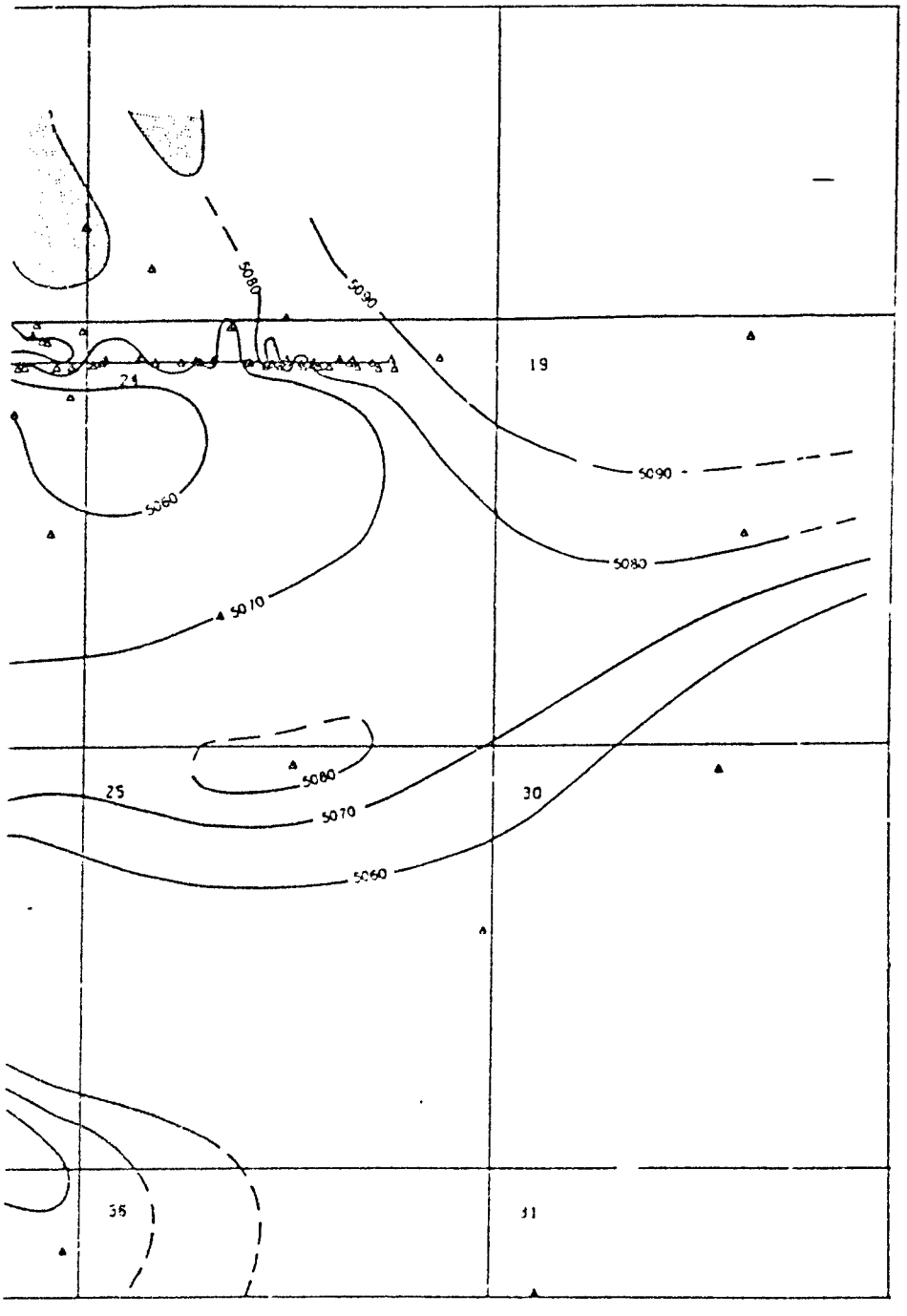


Figure B-15
BASE ELEVATION CONTOUR MAP
DENVER FORMATION SAND ZONE 3

SOURCE: ESE, 1988



EXPLANATION

SUBCROP

5040 ELEVATION CONTOUR IN FEET (MSL)

5040 ELEVATION INFERRED

BORING LOCATION

N

0 1000 2000

Scale In Feet

Prepared for:
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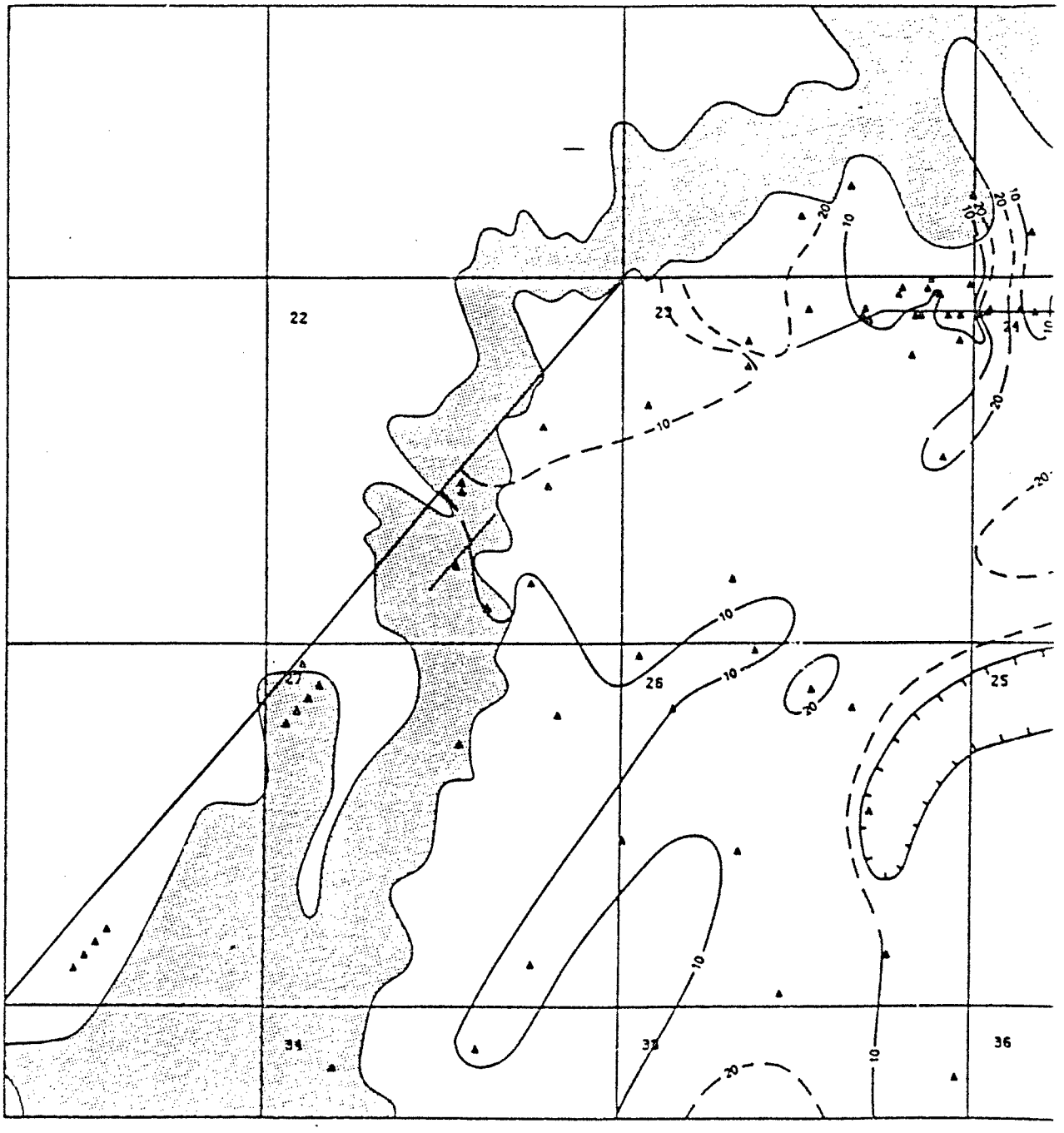
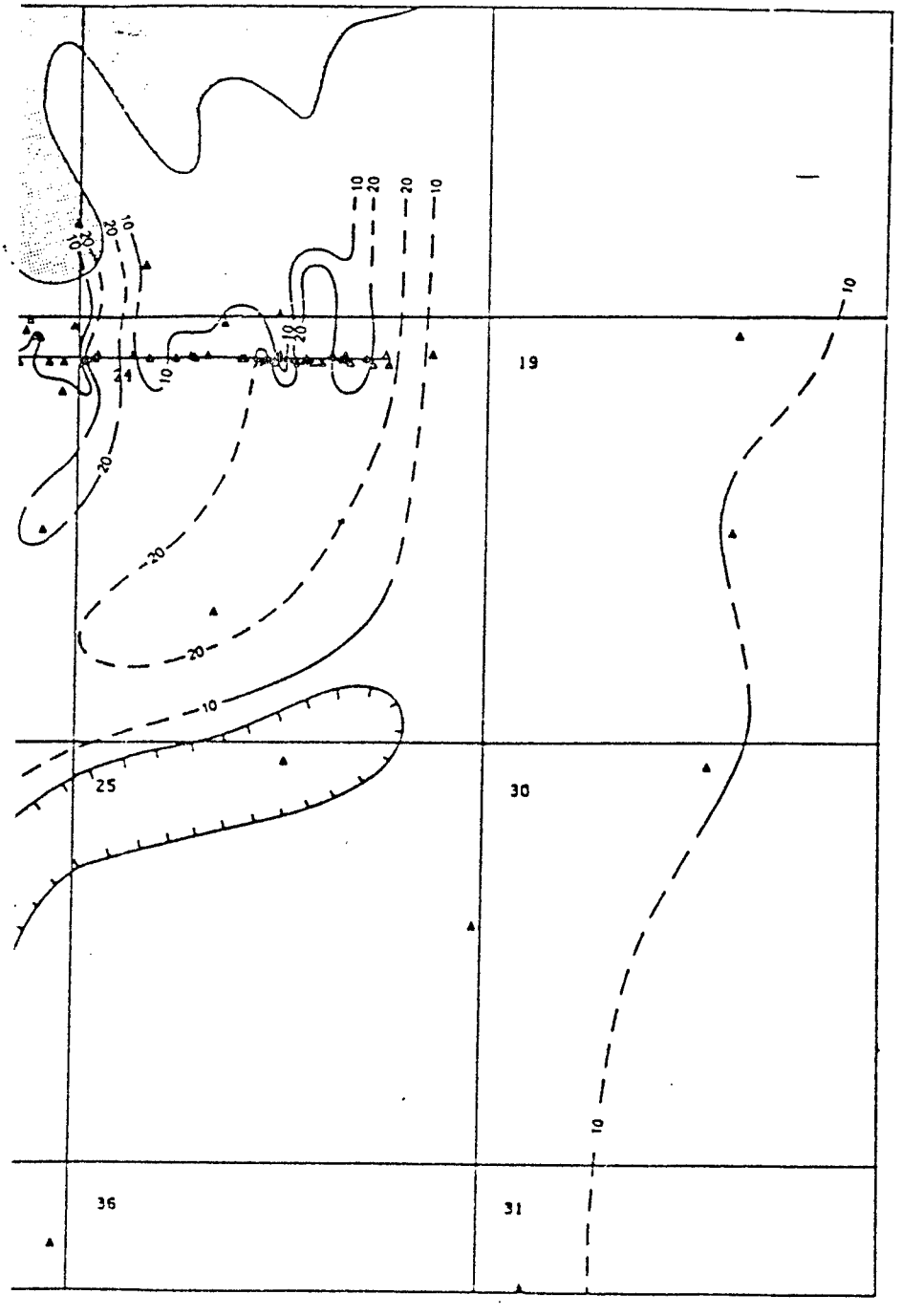


Figure 8-16
NET SAND ISOPACH CONTOUR MAP
DENVER FORMATION SAND ZONE 3

SOURCE:ESE,1988

(1)



EXPLANATION

SUBCROP

10 ISOPACH CONTOUR (FEET)

10 ISOPACH INFERRED

BORING LOCATION

N

0 1000 2000

Scale in Feet

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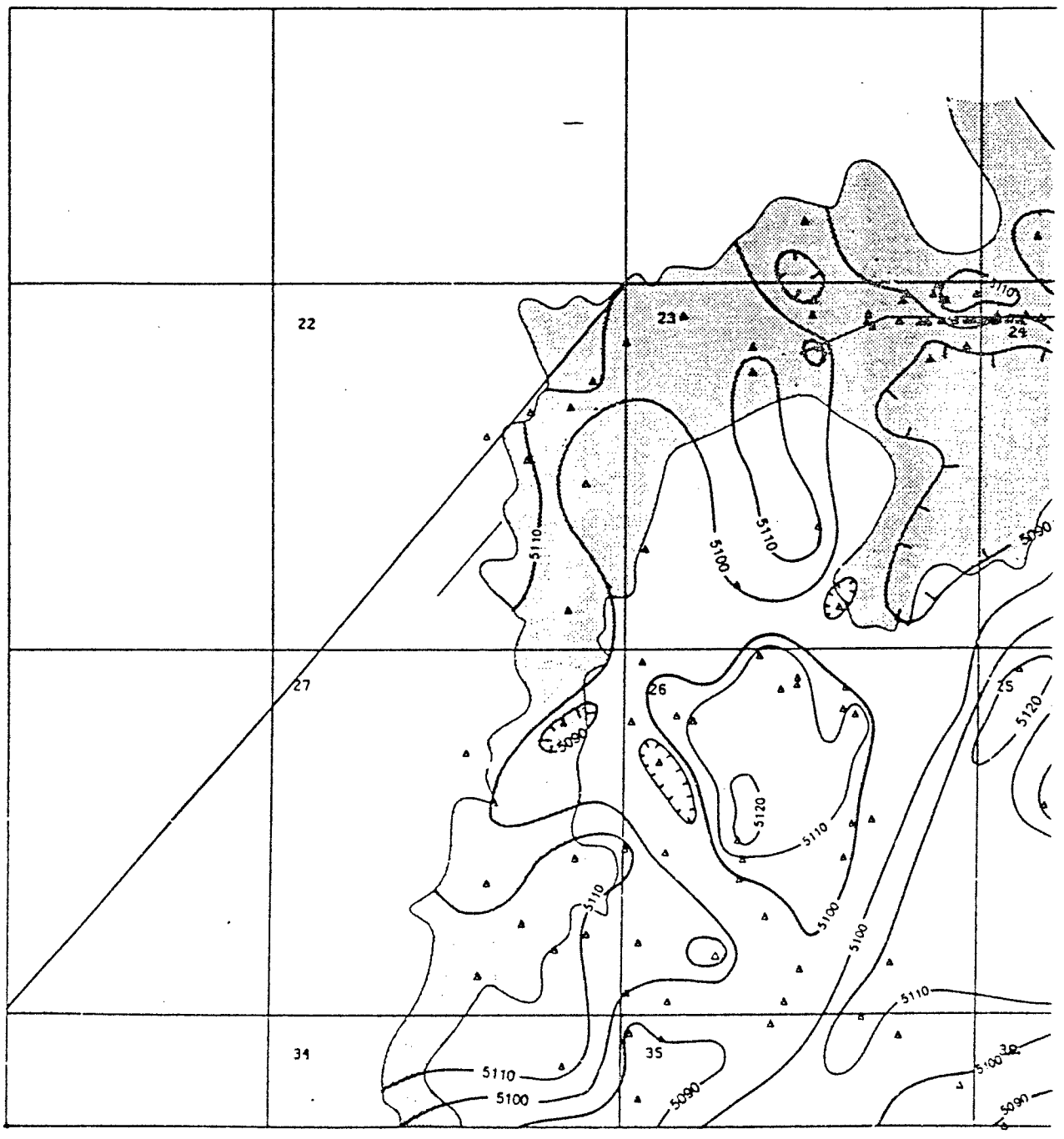
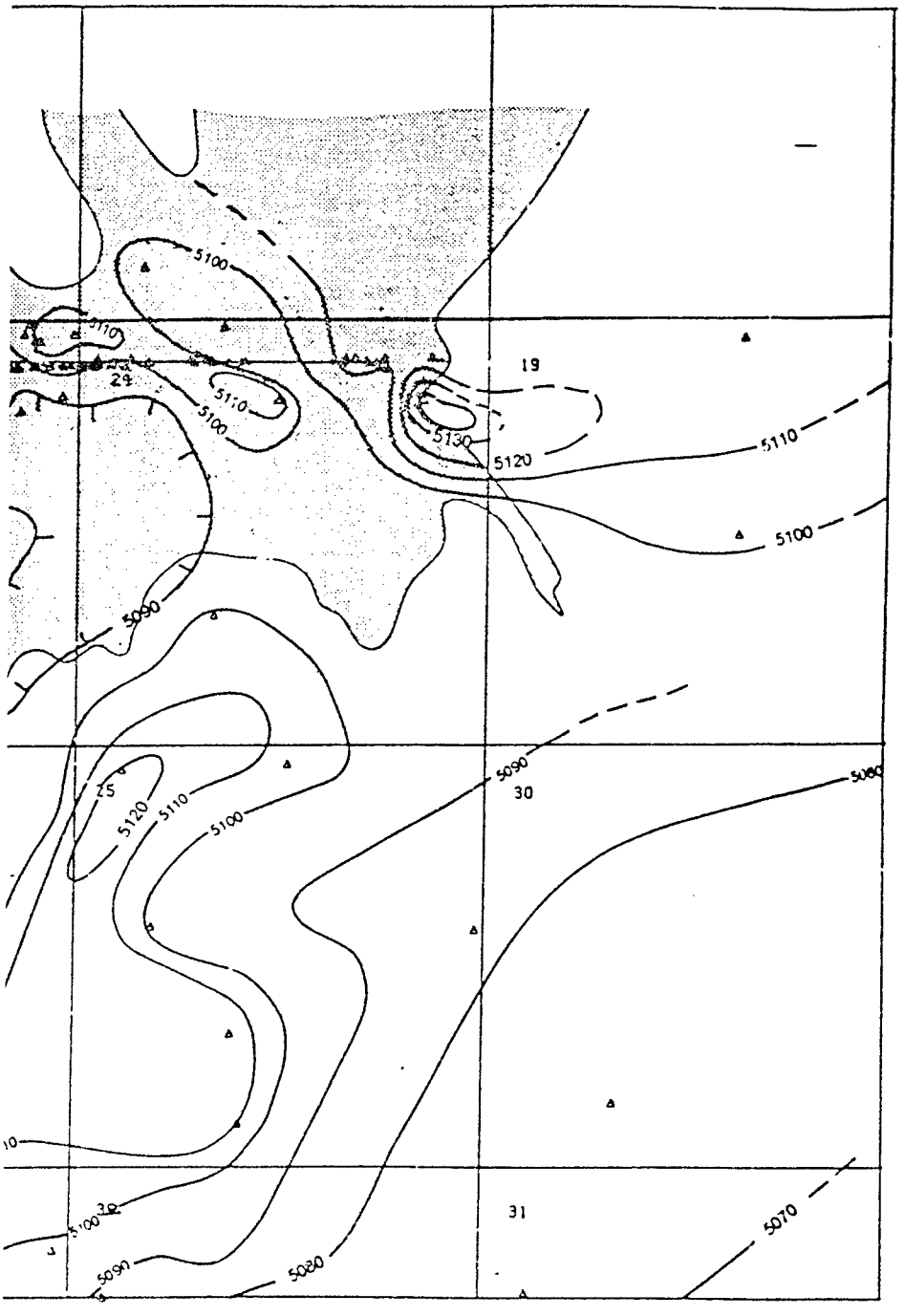


Figure B-17
BASE ELEVATION CONTOUR MAP
DENVER FORMATION SAND ZONE 2

SOURCE: ESE, 1988

(2)



EXPLANATION

SUBCROP

5040 ELEVATION CONTOUR IN FEET (MSL)

5040 ELEVATION INFERRED

BORING LOCATION

N

0 1000 2000

Scale In Feet

Prepared for:
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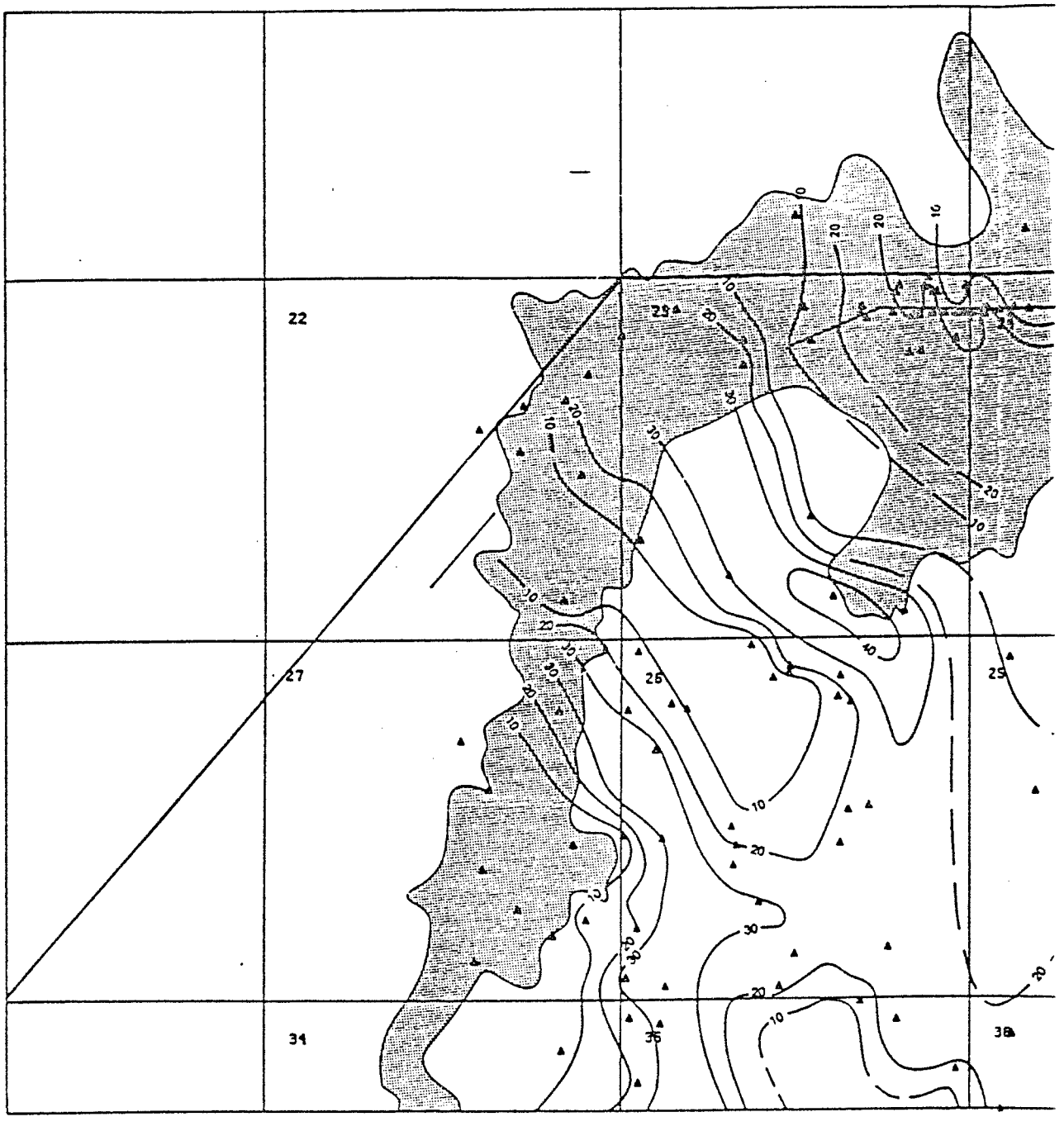
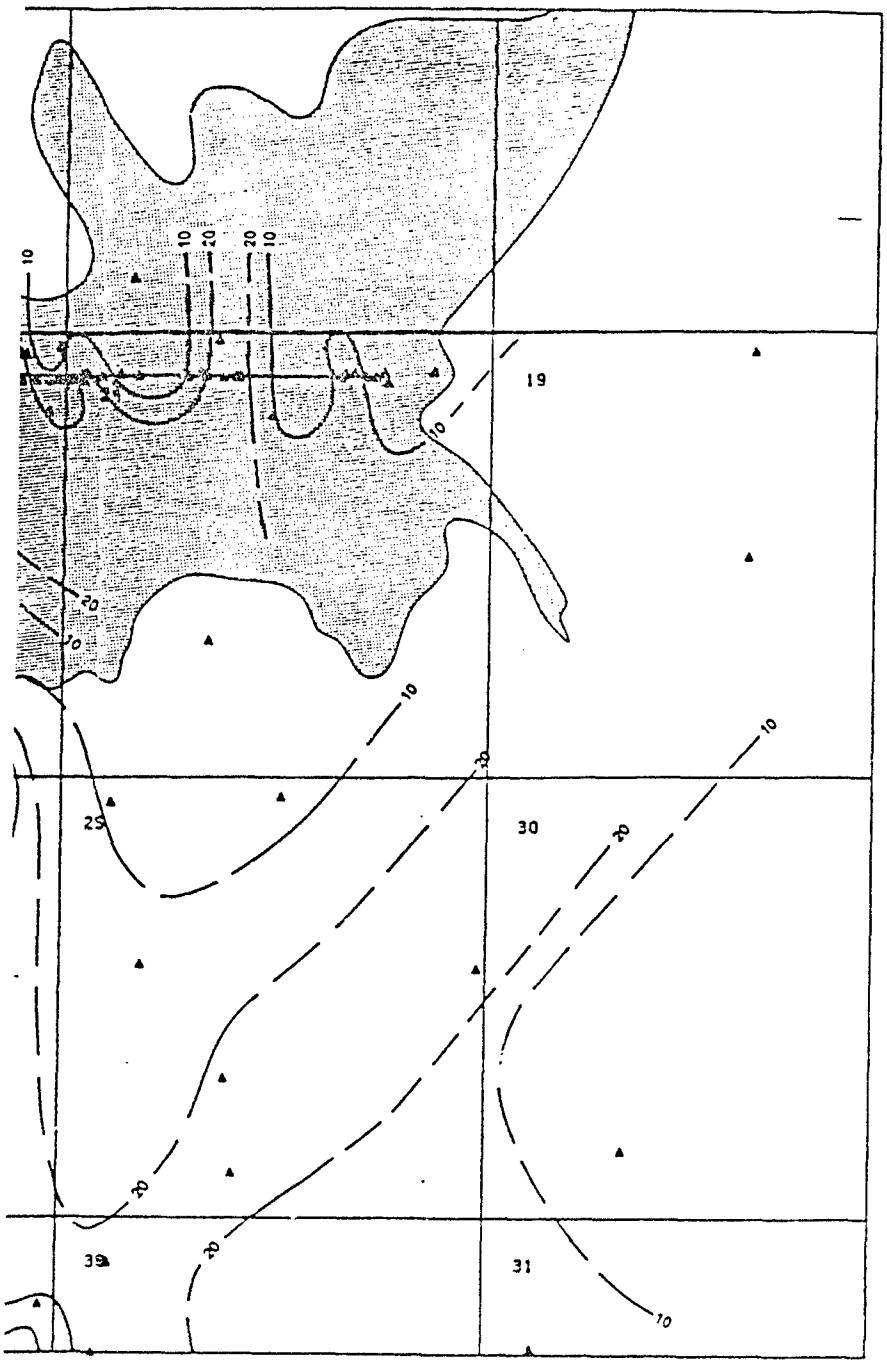


Figure B-18
NET SAND ISOPACH CONTOUR MAP
DENVER FORMATION SAND ZONE 2

SOURCE:ESE,1988



EXPLANATION

SUBCROP

10 ISOPACH CONTOUR (FEET)

10 ISOPACH INFERRED

BORING LOCATION

N

0 1000 2000

Scale in Feet

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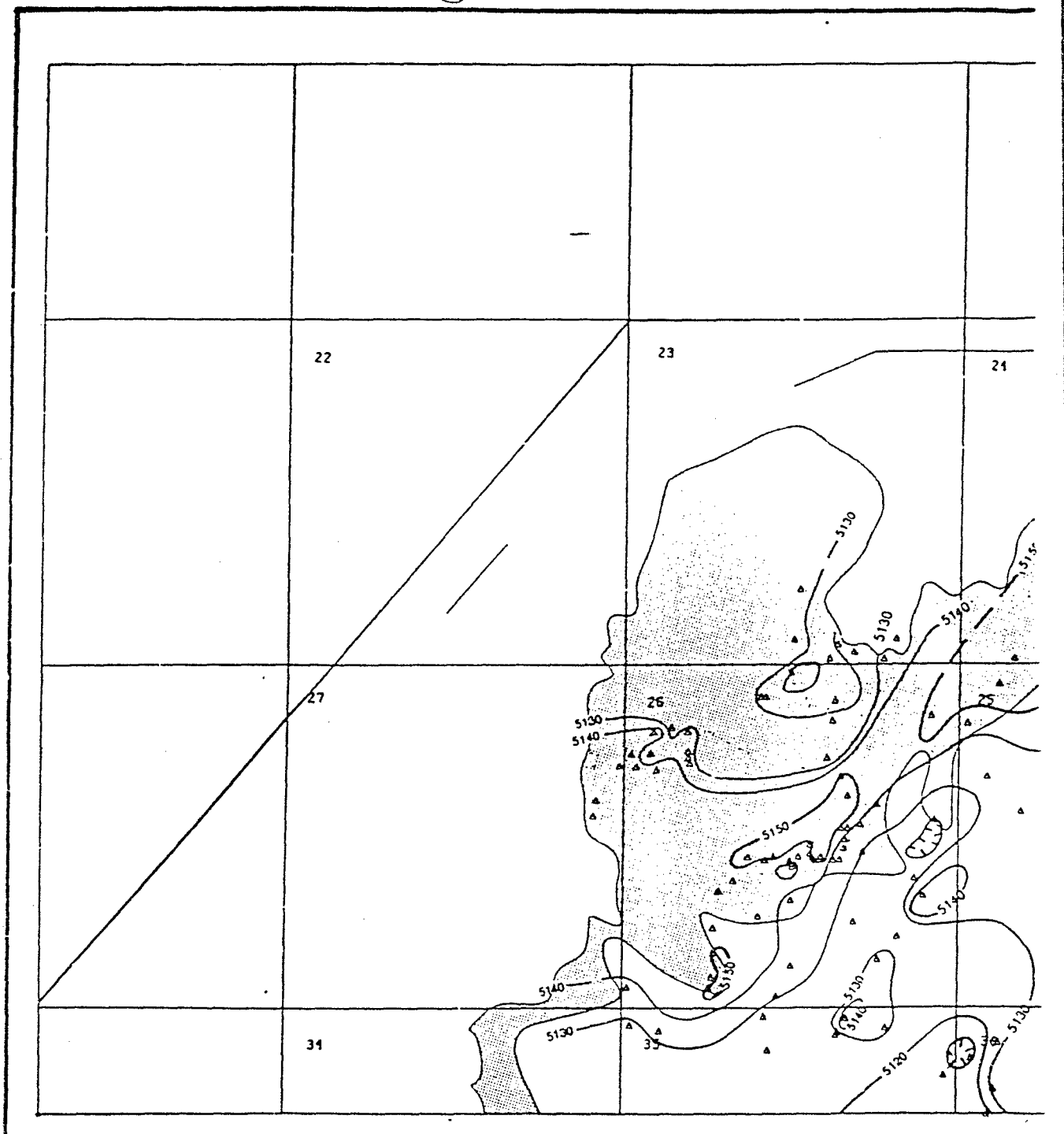
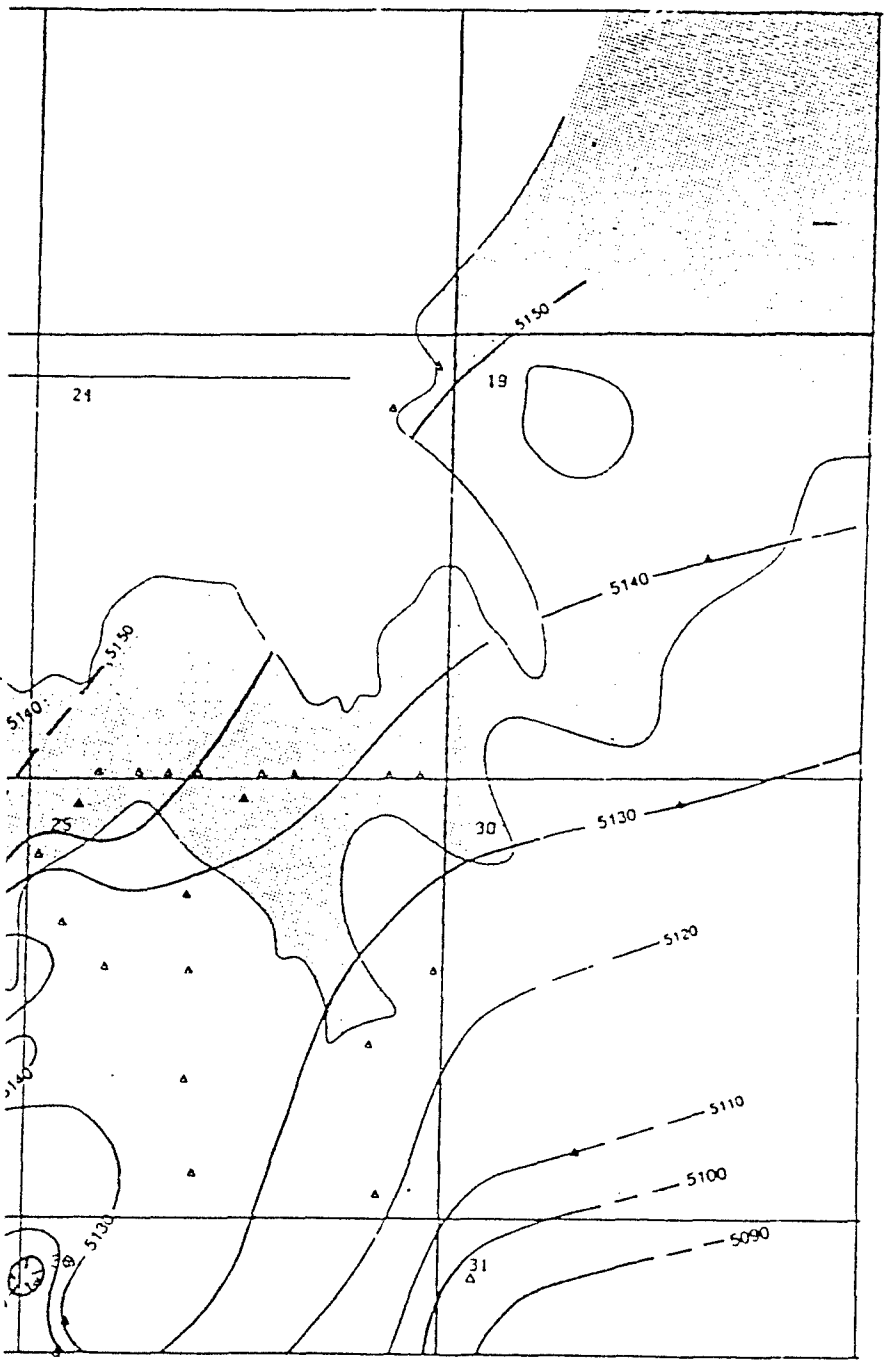


Figure B-19
BASE ELEVATION CONTOUR MAP
DENVER FORMATION SAND ZONE 1

SOURCE: ESE, 1988



EXPLANATION

SUBCROP

5040 ELEVATION CONTOUR IN FEET (MSL)

5040 ELEVATION INFERRED

BORING LOCATION

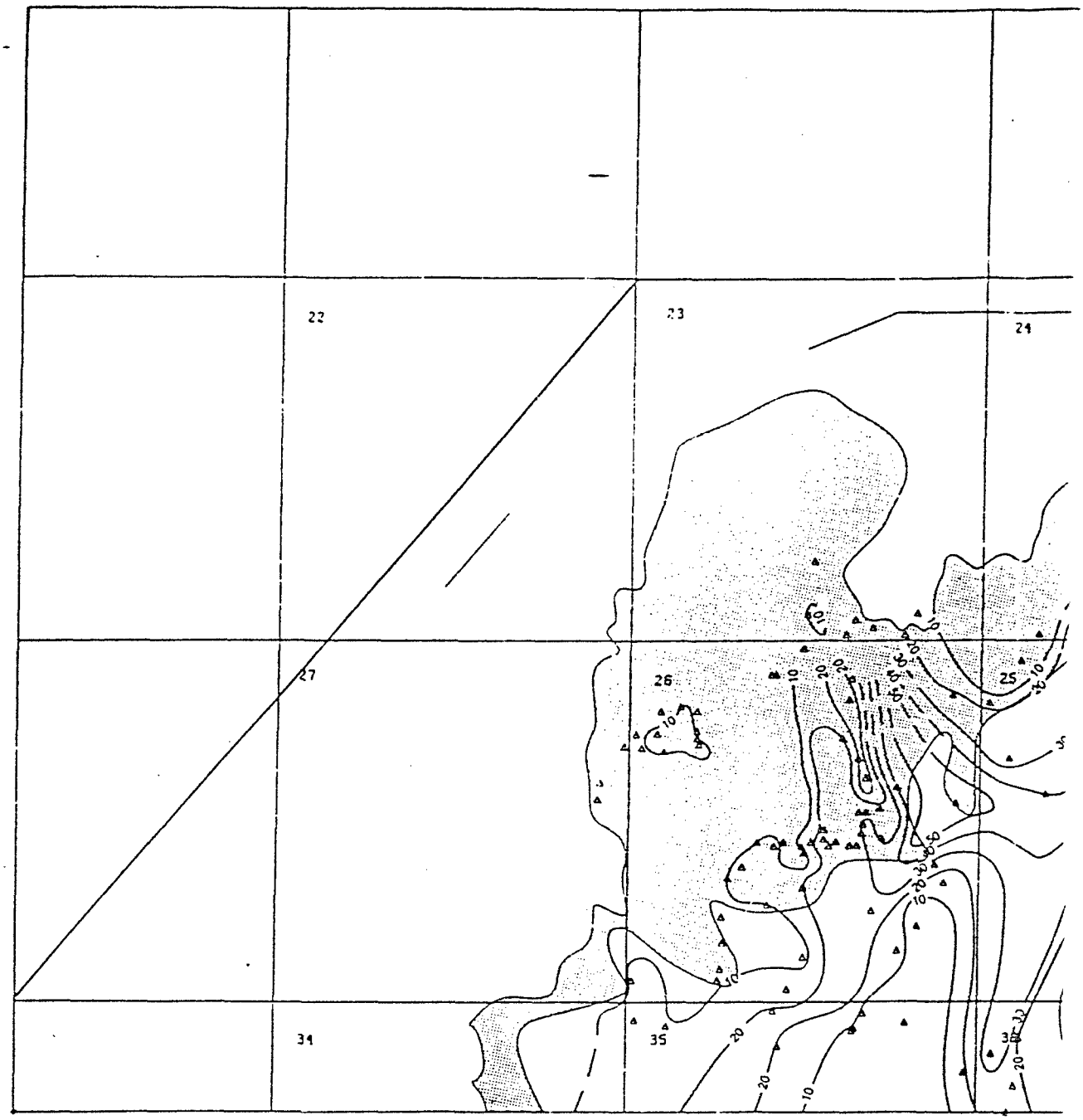
N

0 1000 2000

Scale In Feet

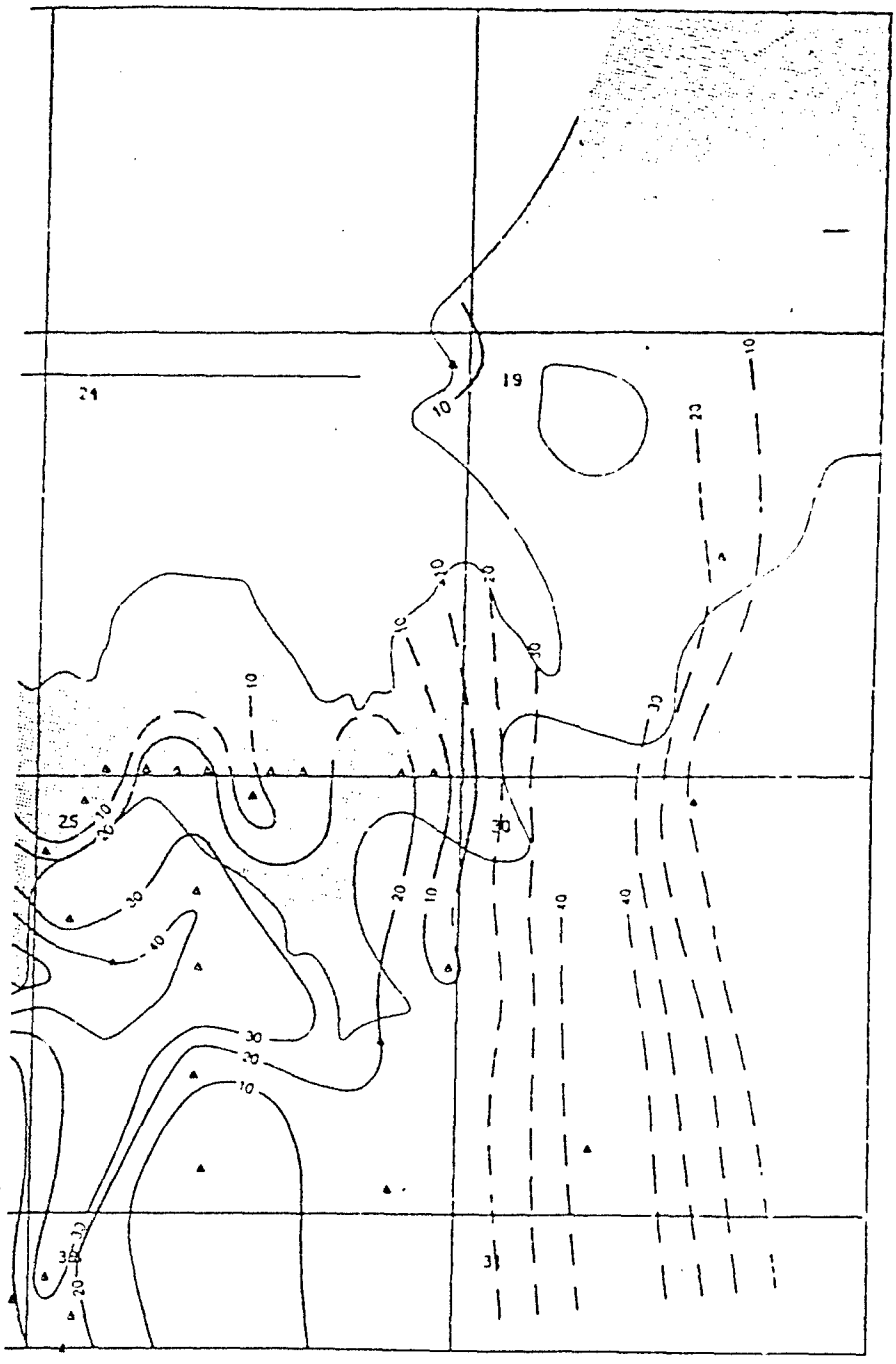
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~~Figure~~ B-20
NET SAND ISOPACH CONTOUR MAP
DENVER FORMATION SAND ZONE 1

SOURCE: ESE, 1988



EXPLANATION

SUBCROP

10 ISOPACH CONTOUR (FEET)

10 ISOPACH INFERRED

BORING LOCATION

N

0 1000 2000

Scale Feet

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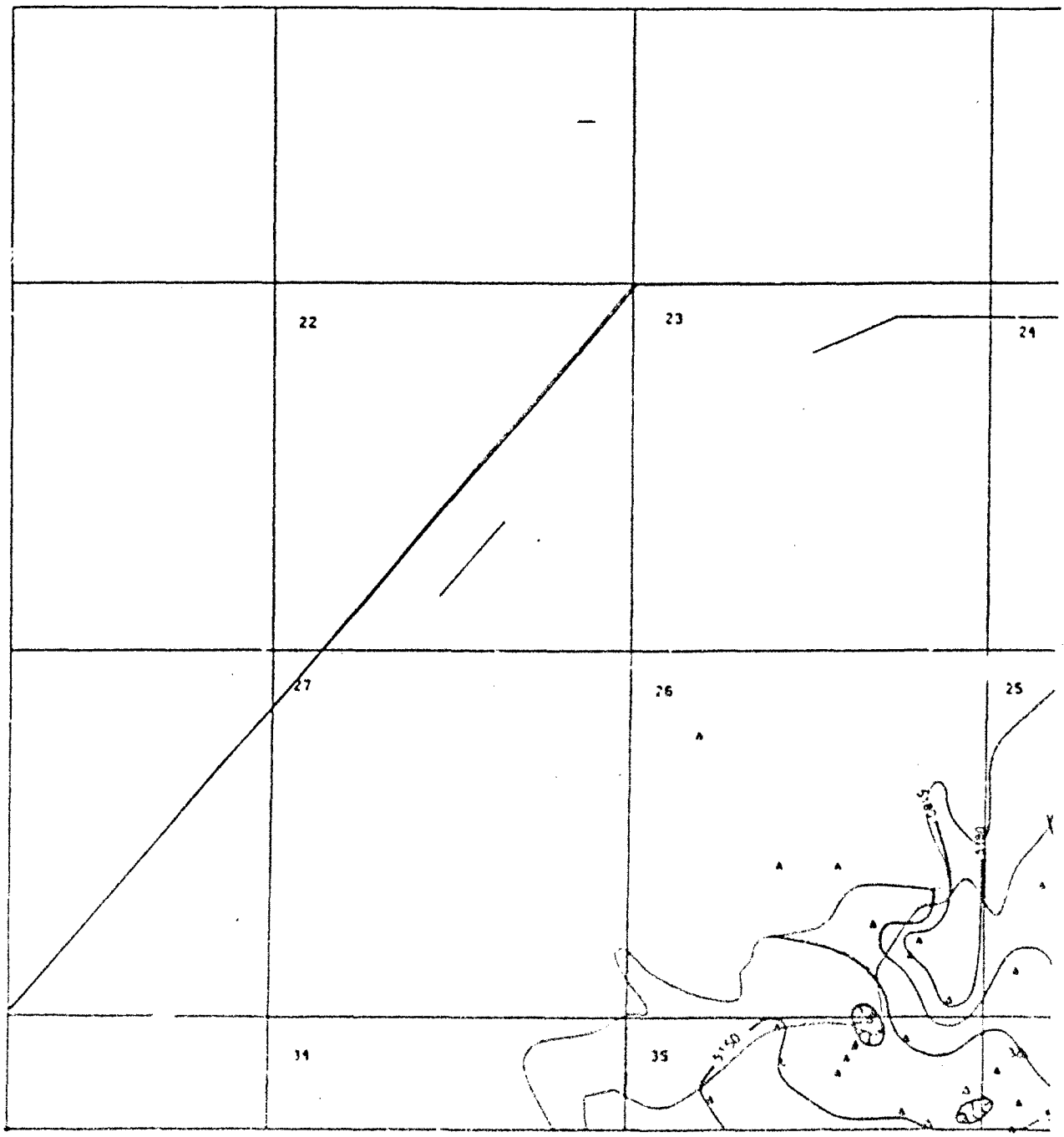
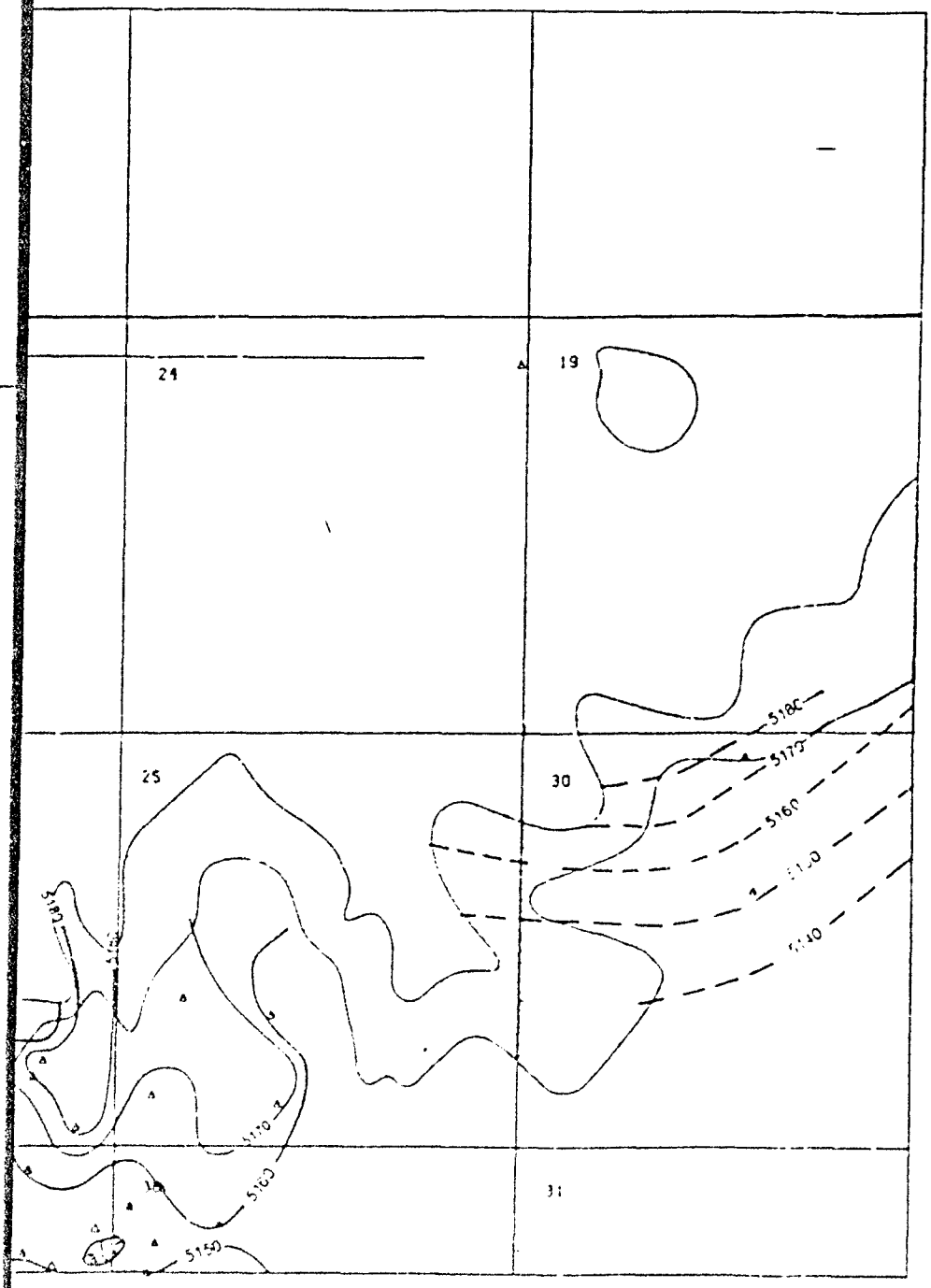


Figure B-21
BASE ELEVATION CONTOUR MAP
DENVER FORMATION SAND ZONE 1U

SOURCE ESE,1988



EXPLANATION

SUBCROP

5040 ELEVATION CONTOUR IN FEET (MSL)

5040 ELEVATION INFERRED

BORING LOCATION

N

0 1000 2000

Scale in Feet

Prepared for:
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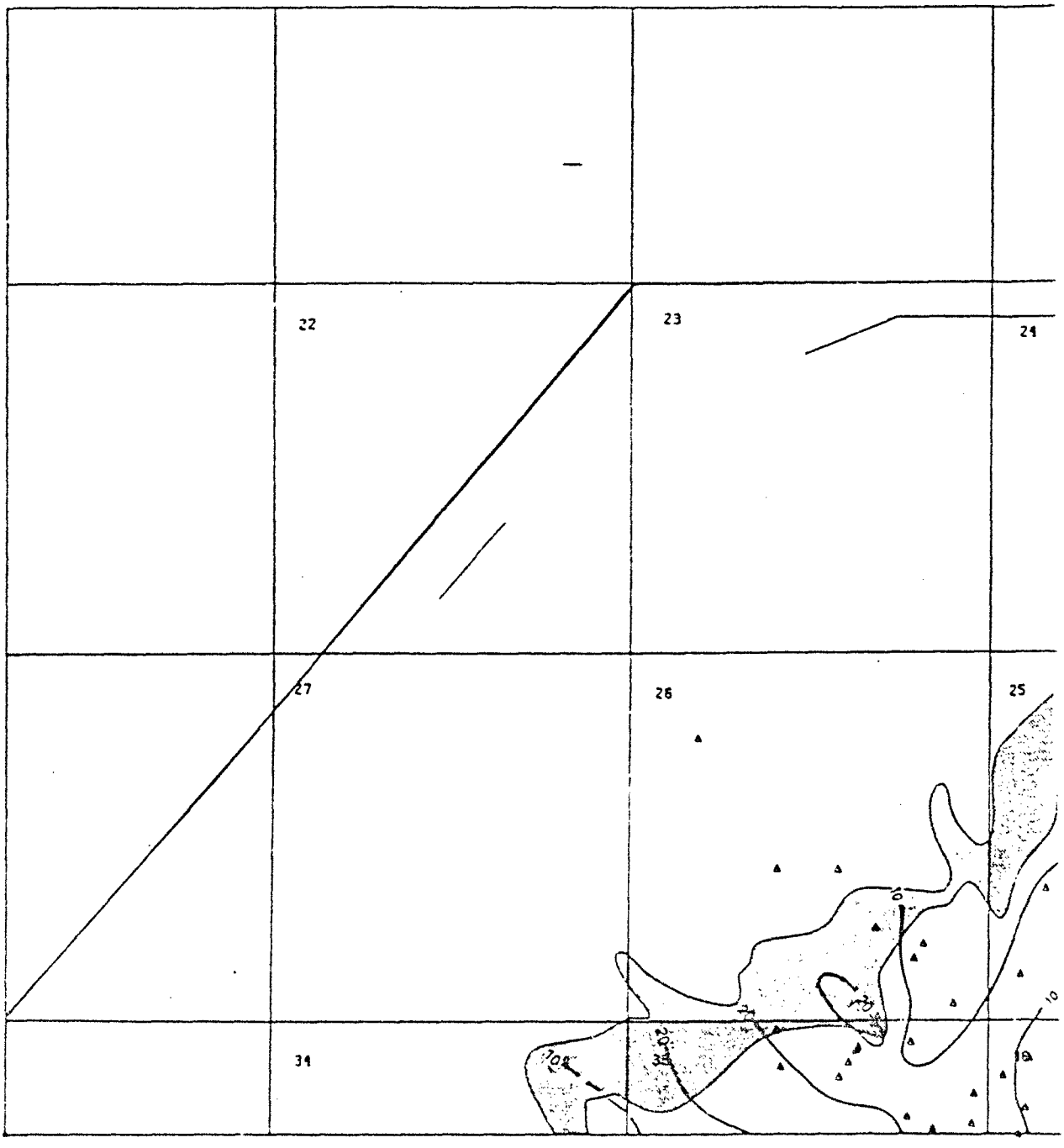
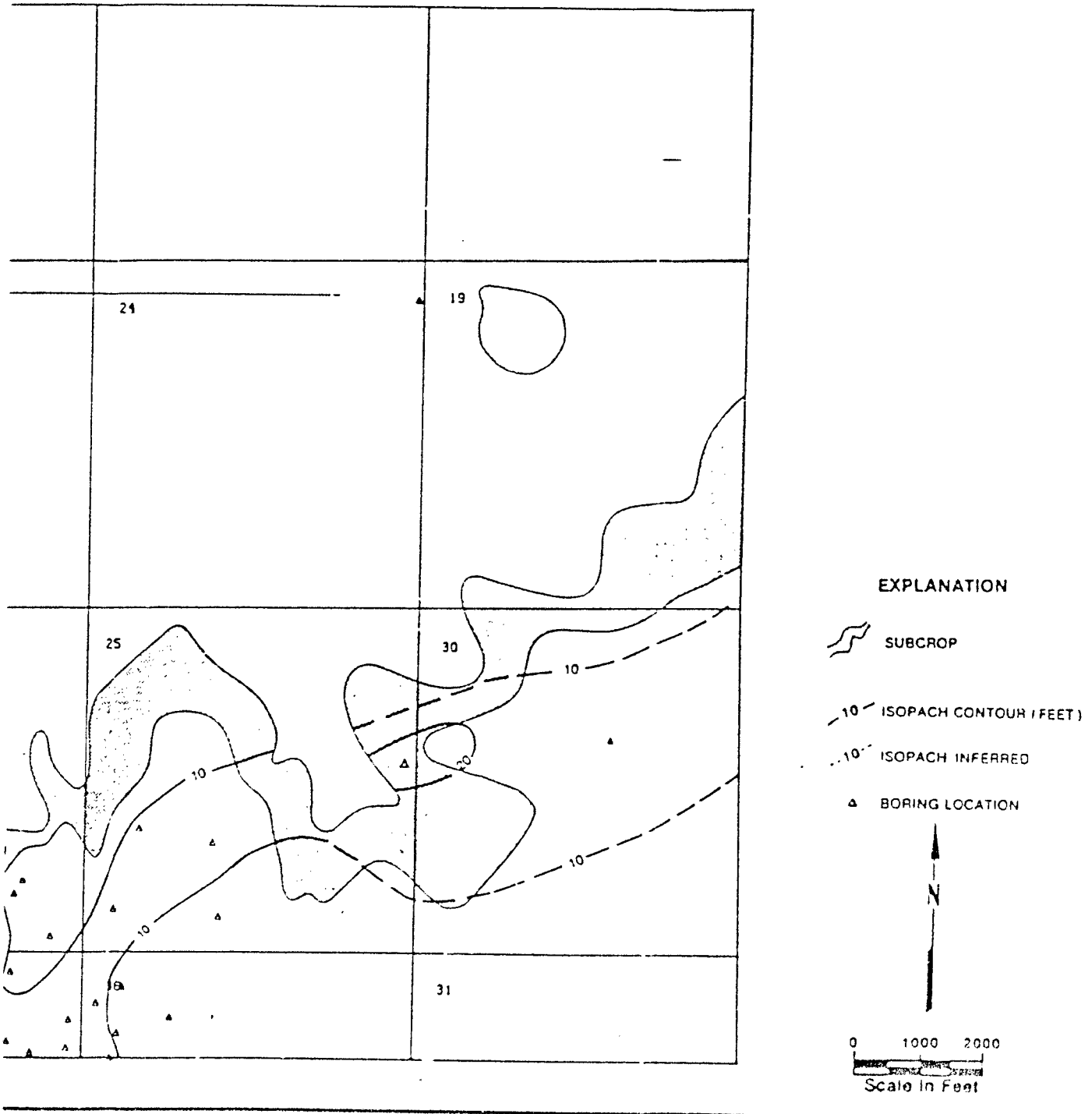


Figure B-22
NET SAND ISOPACH CONTOUR MAP
DENVER FORMATION SAND ZONE 1U

SOURCE: ESE, 1998



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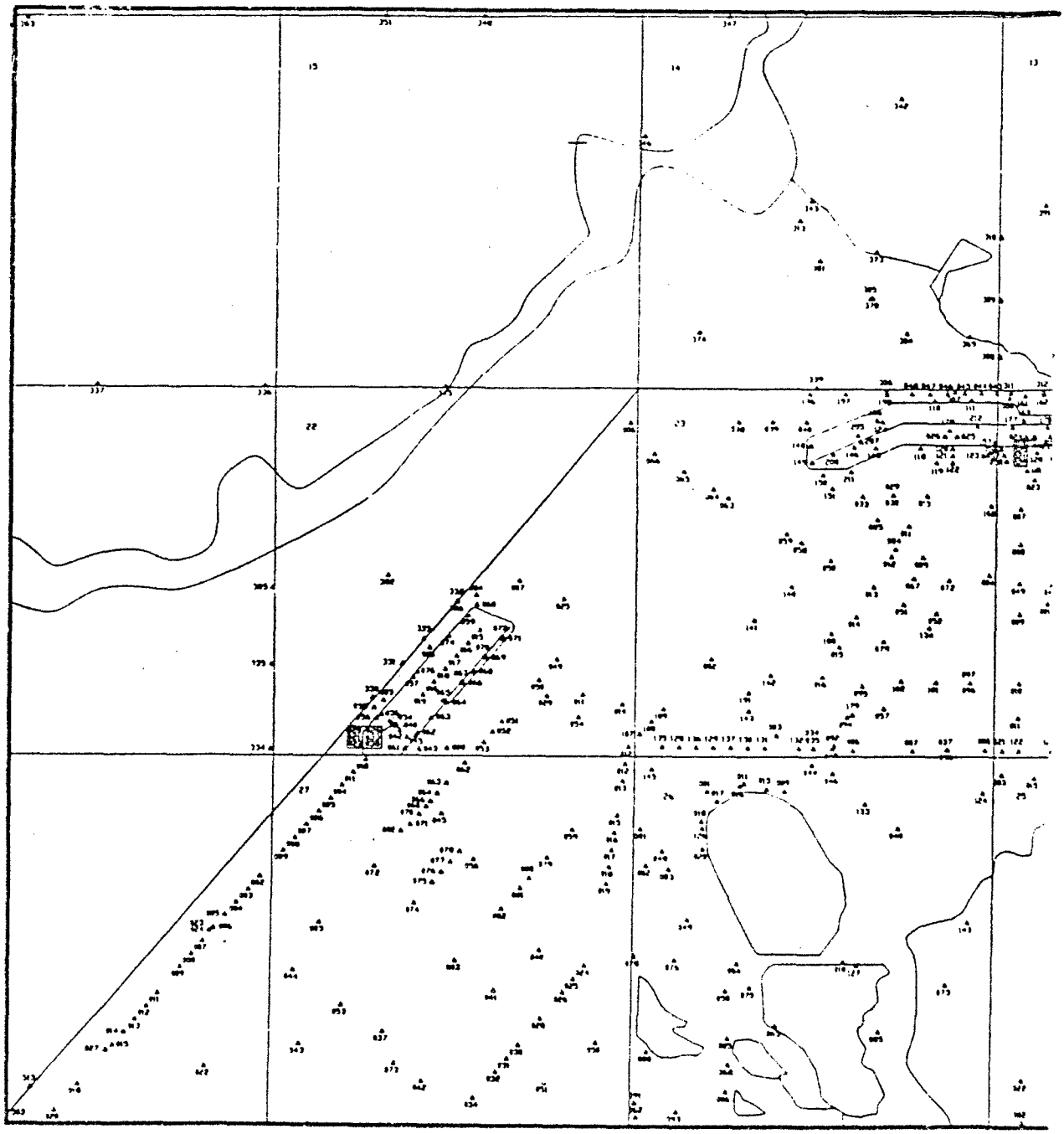
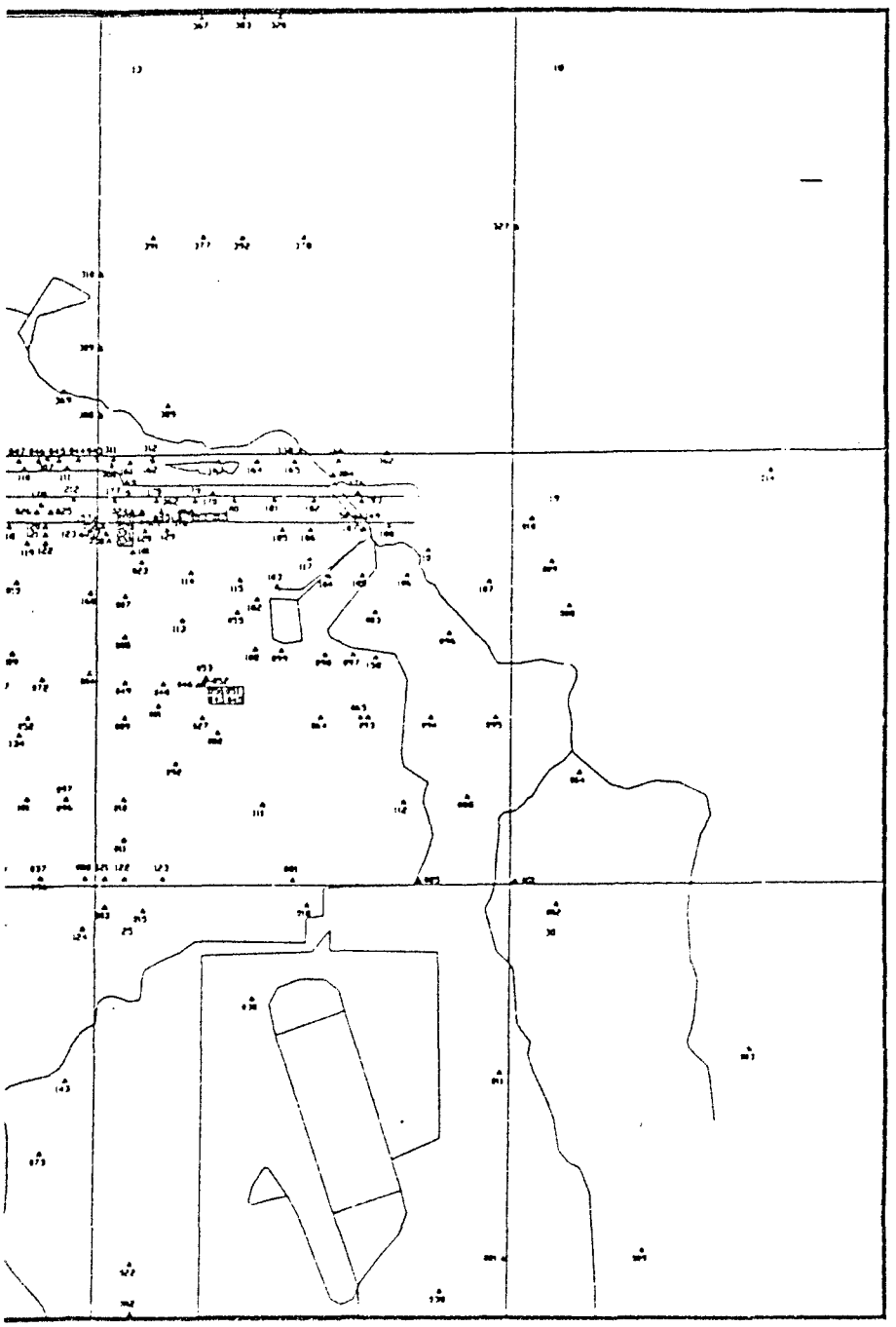


Figure 8-23A
ALLUVIAL MONITORING SITE LOCATIONS,
WATER LEVEL NETWORK

SOURCE : ESE, 1988



EXPLANATION

Δ WELL MONITORED FOR WATER LEVELS

N

0 1000 2000

Scale In Feet

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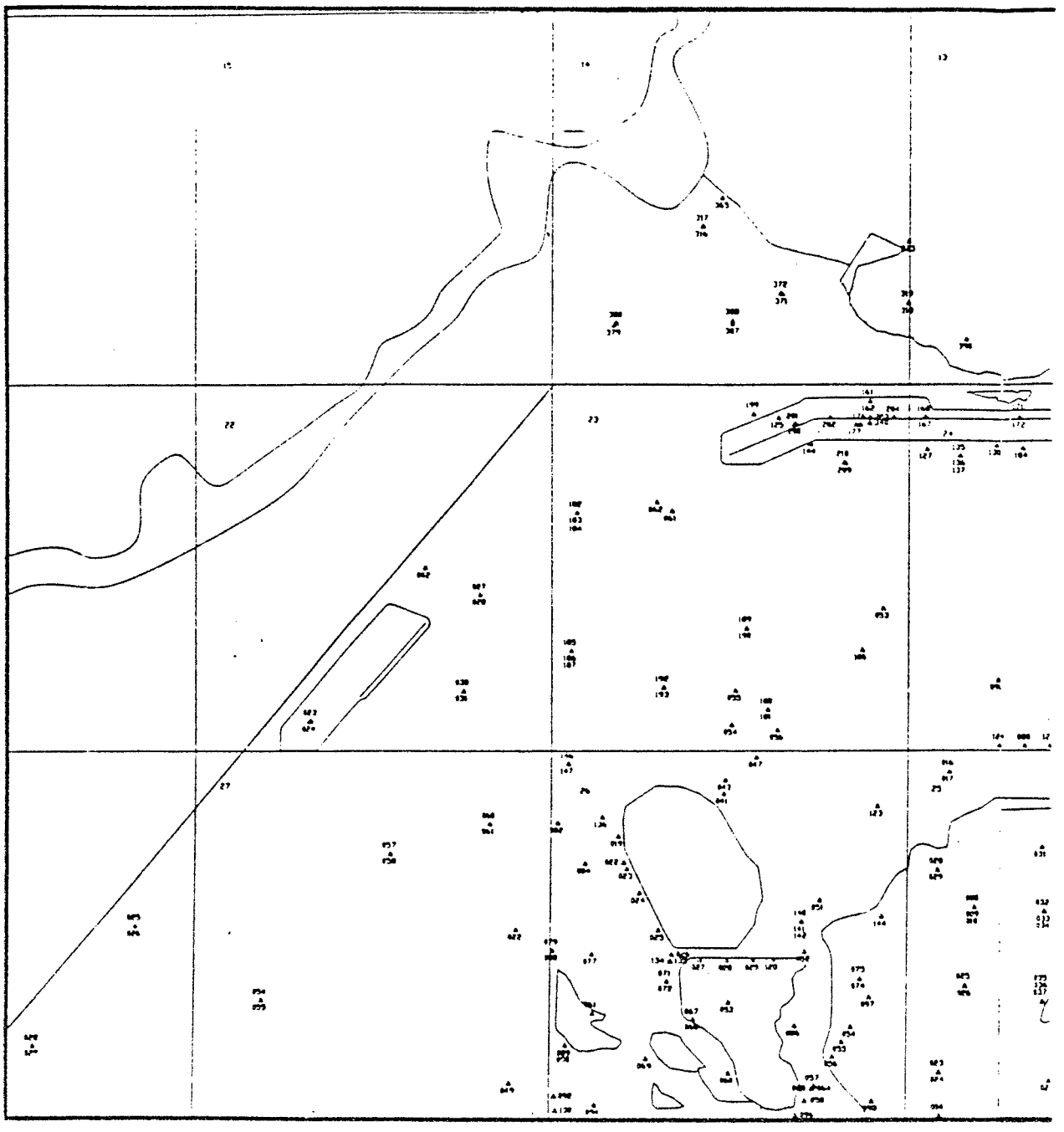
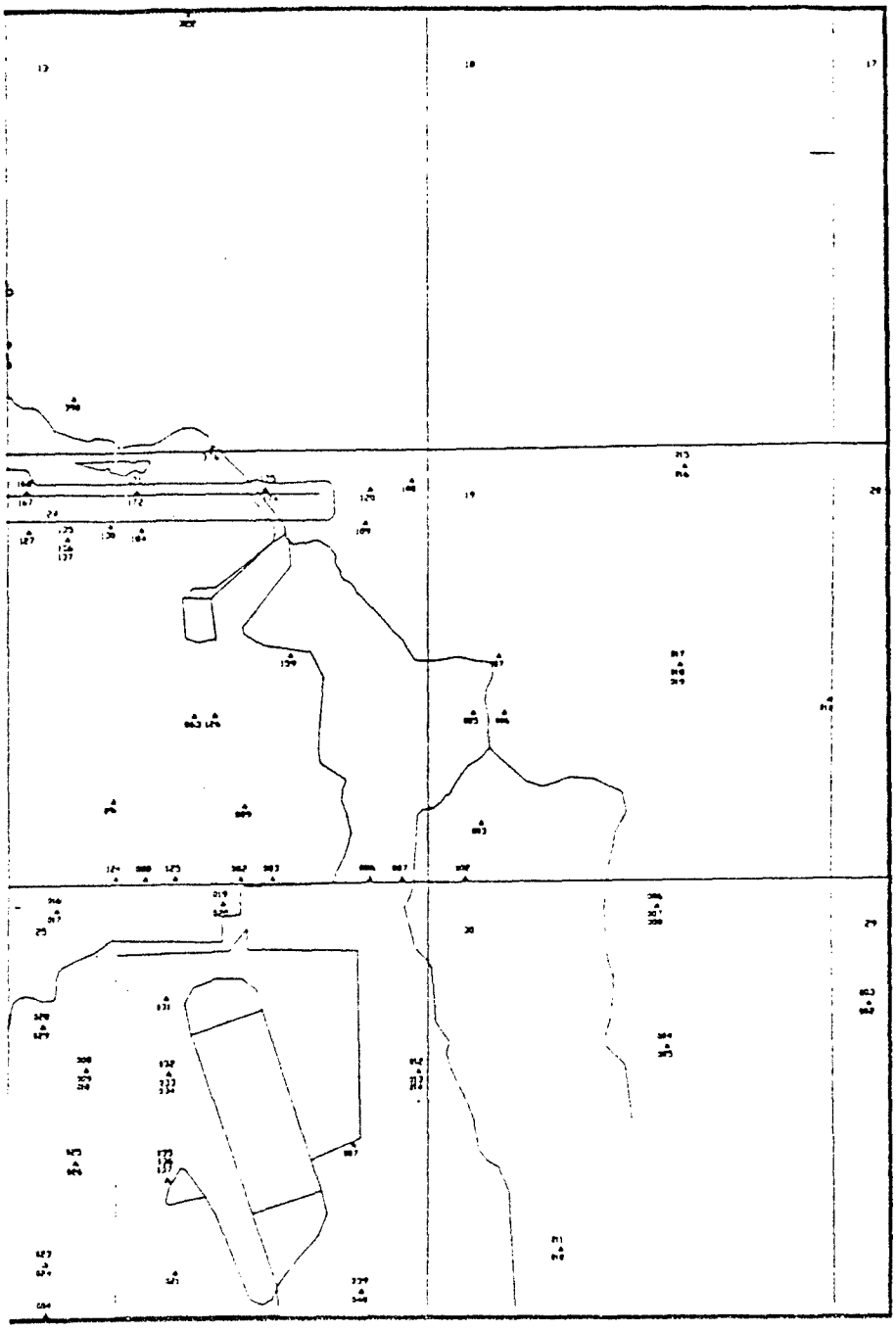


Figure B-23B
DENVER MONITORING SITE LOCATIONS,
WATER LEVEL NETWORK

SOURCE : ESE, 1988

(2)



EXPLANATION

△ WELL MONITORED FOR WATER LEVELS

N

0 1000 2000

Scale In Feet

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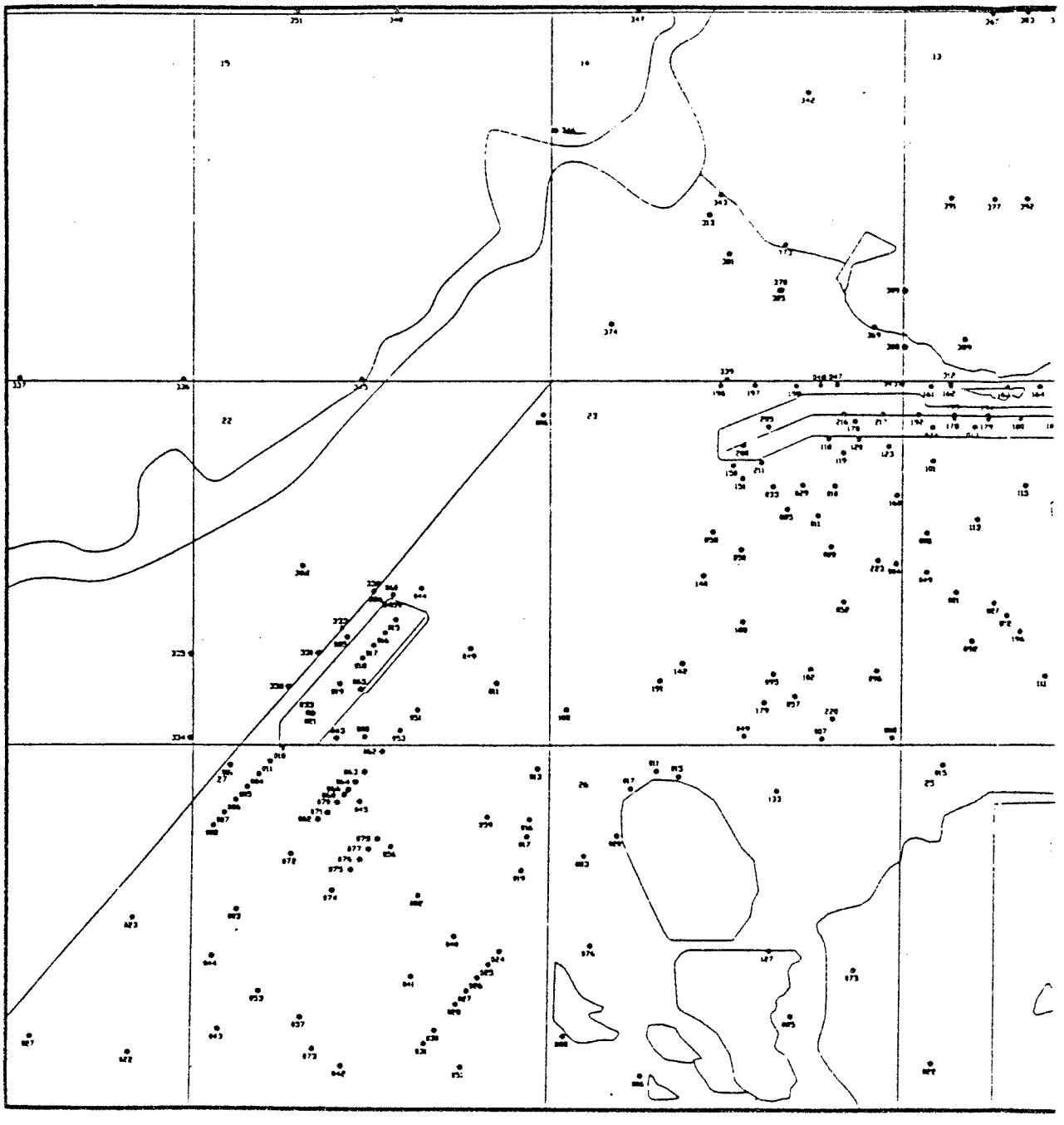
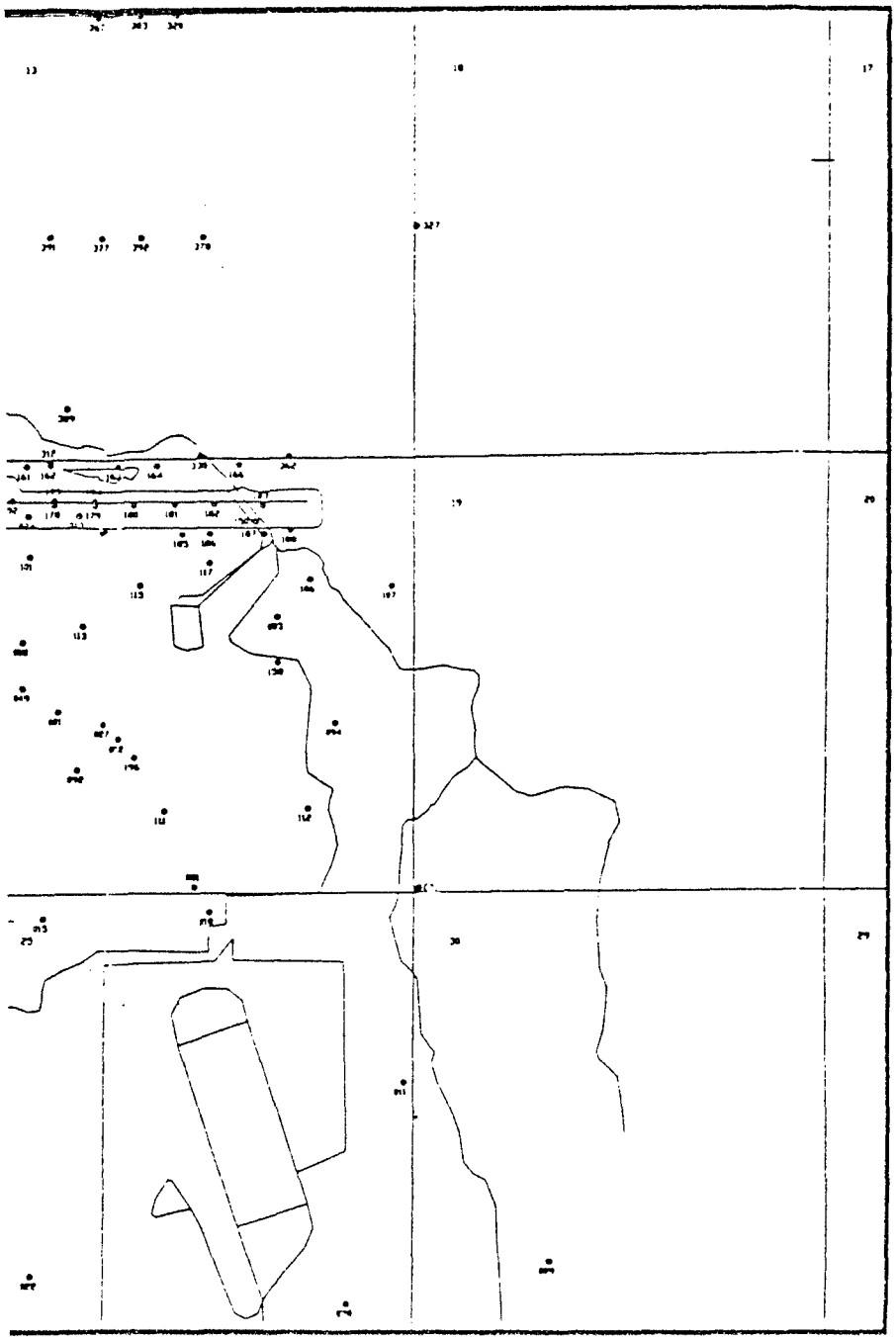


Figure B-24A
ALLUVIAL MONITORING SITE LOCATIONS,
WATER QUALITY NETWORK

SOURCE : ESE, 1988



EXPLANATION

• WELL MONITORED FOR WATER QUALITY

N

0 1000 2000

Scale in Feet

Prepared for:
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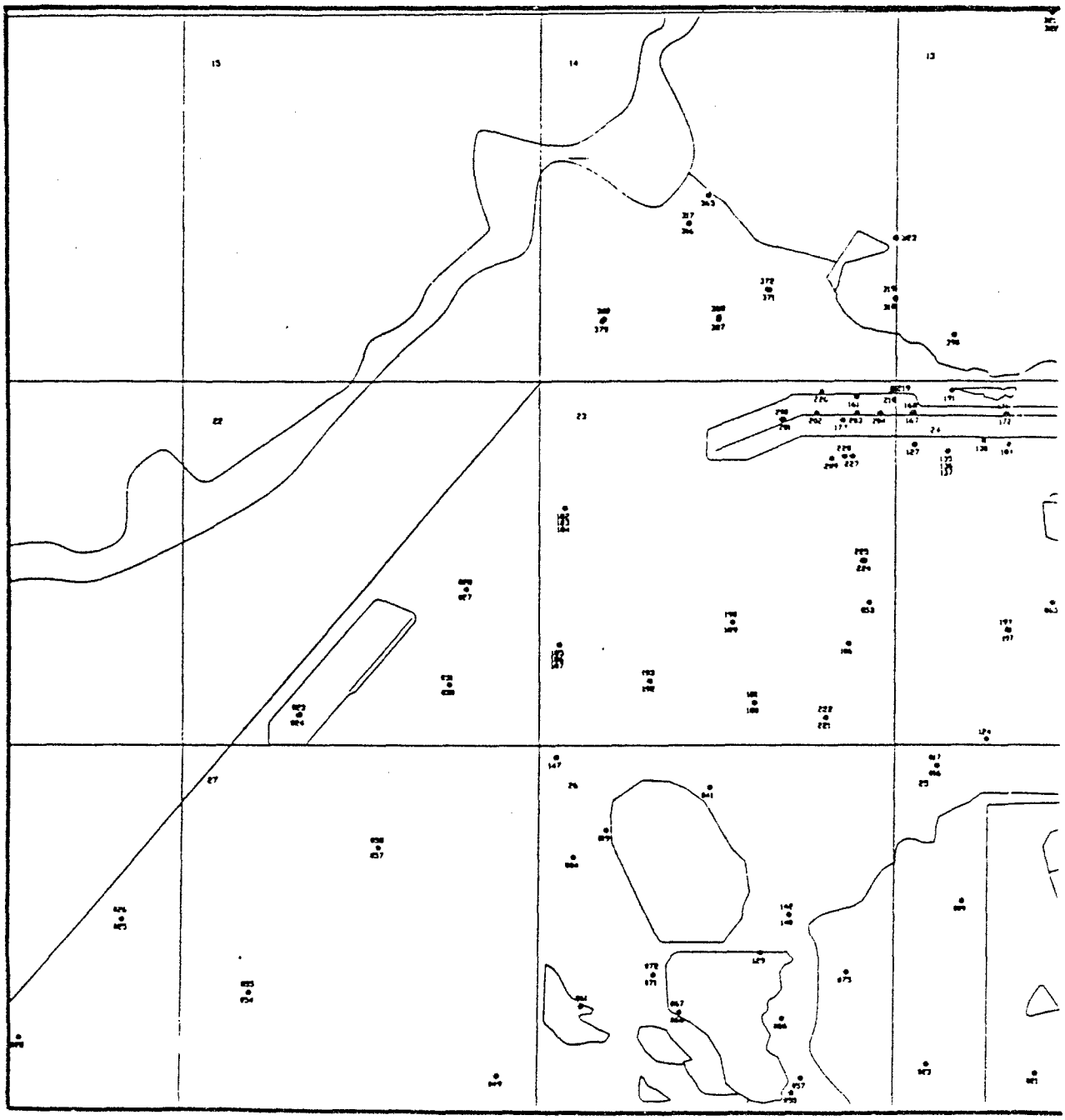
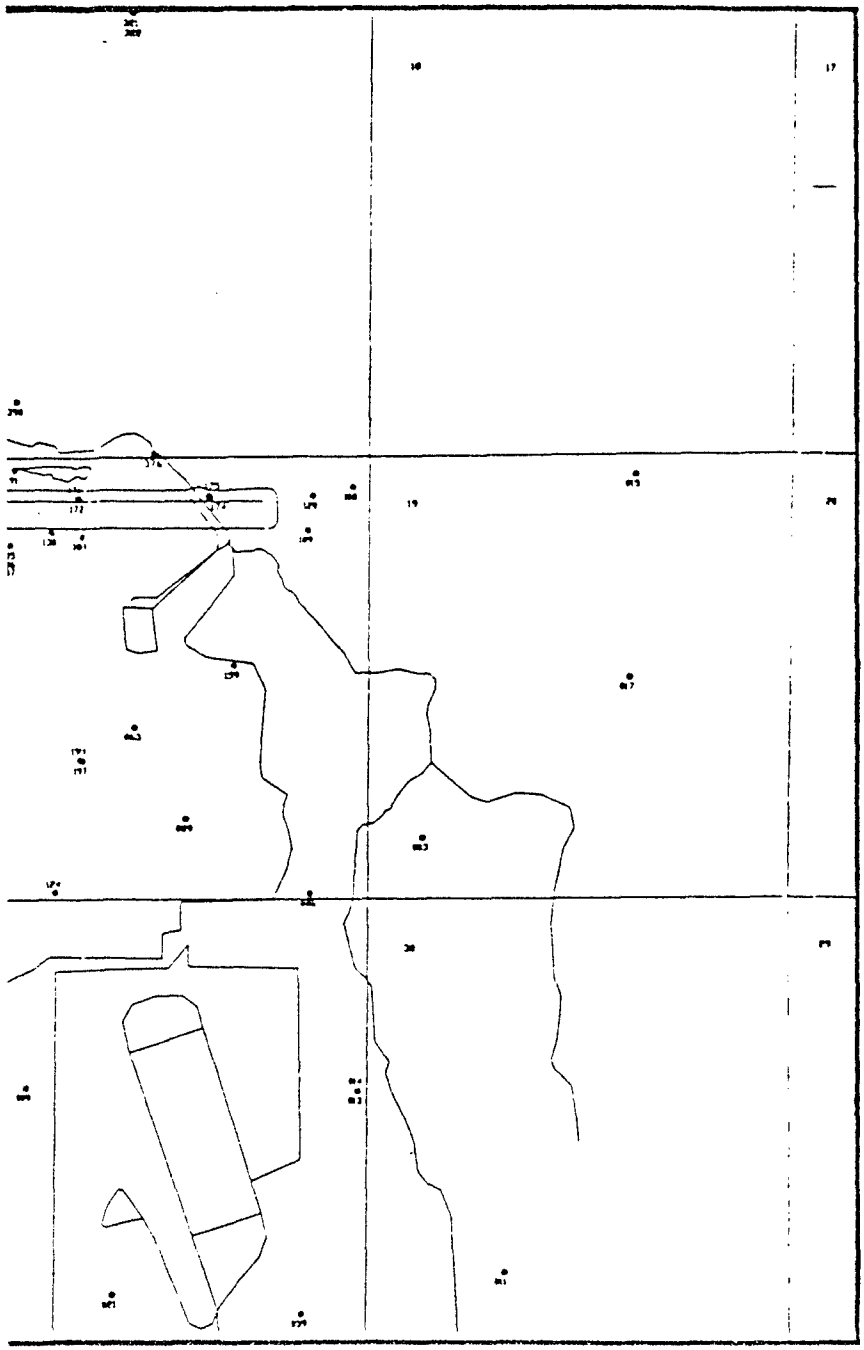


Figure B-24B
DENVER MONITORING SITE LOCATIONS,
WATER QUALITY NETWORK

SOURCE : ESE, 1988



EXPLANATION

• WELL MONITORED FOR WATER QUALITY

N

0 1000 2000

Scale in Feet

Prepared for:
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For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

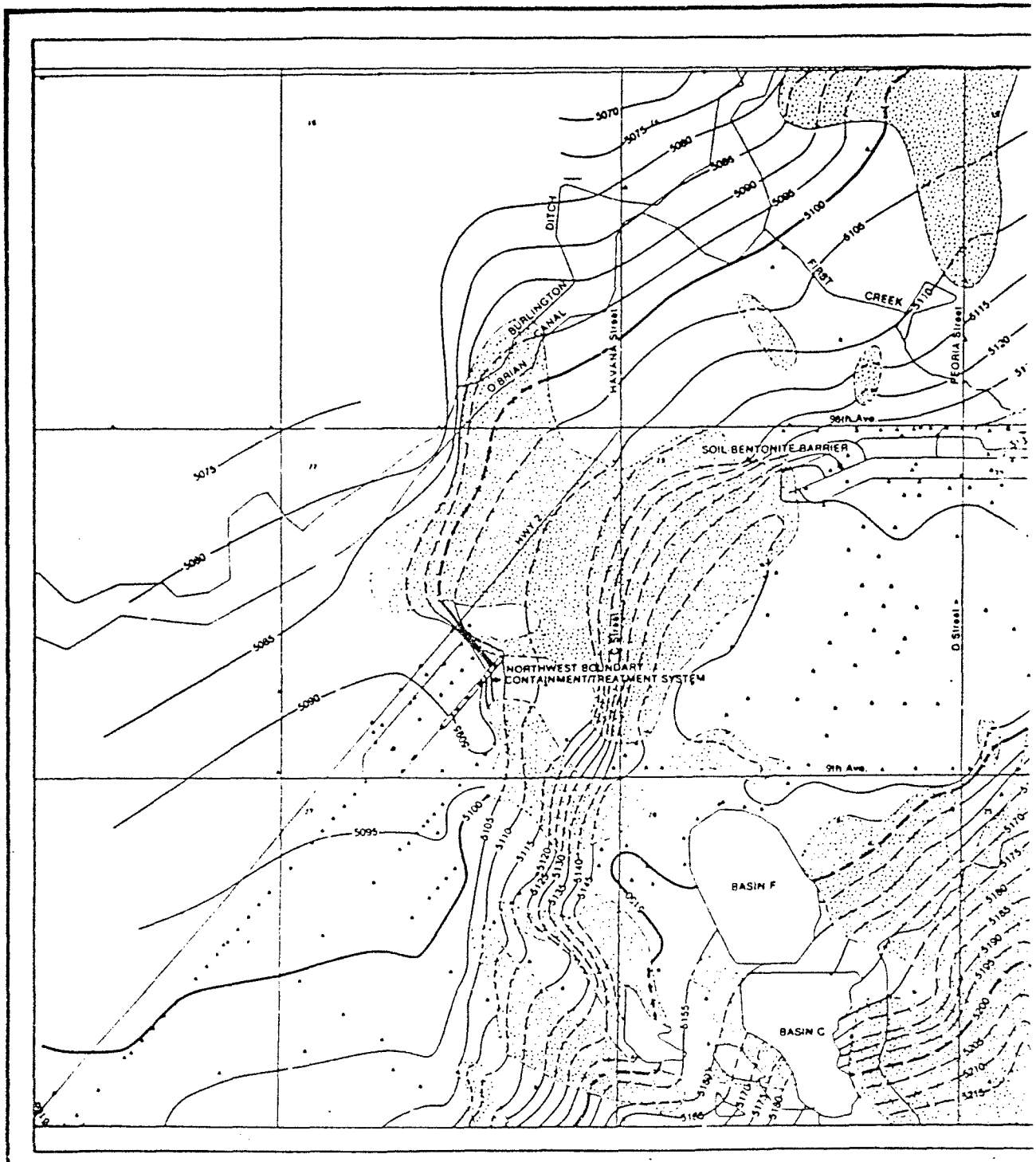
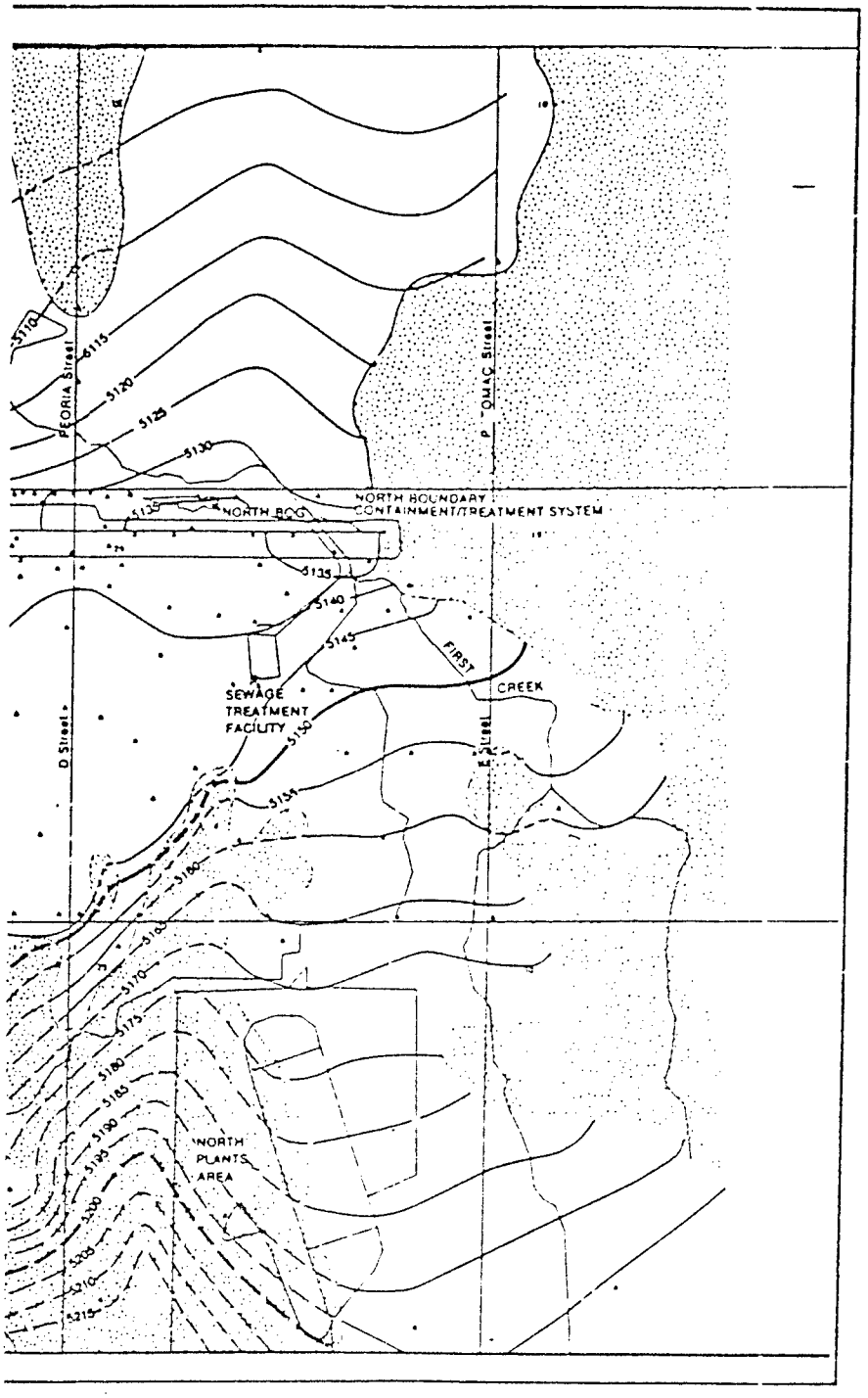


Figure B-25A
WATER TABLE ELEVATION (FT, MSL)
FIRST QUARTER FY 1987

SOURCE: ESE, 1988



EXPLANATION

▲ ALLUVIAL MONITORING WELL

5100 WATER TABLE ELEVATION CONTOUR INTERVAL

5100 WATER TABLE ELEVATION CONTOUR INTERVAL INFERRED

WATER LEVELS COLLECTED FALL 1986

UNSATURATED ALLUVIUM

N

0 1000 2000

Scale In Feet

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Aberdeen Proving Ground, Maryland

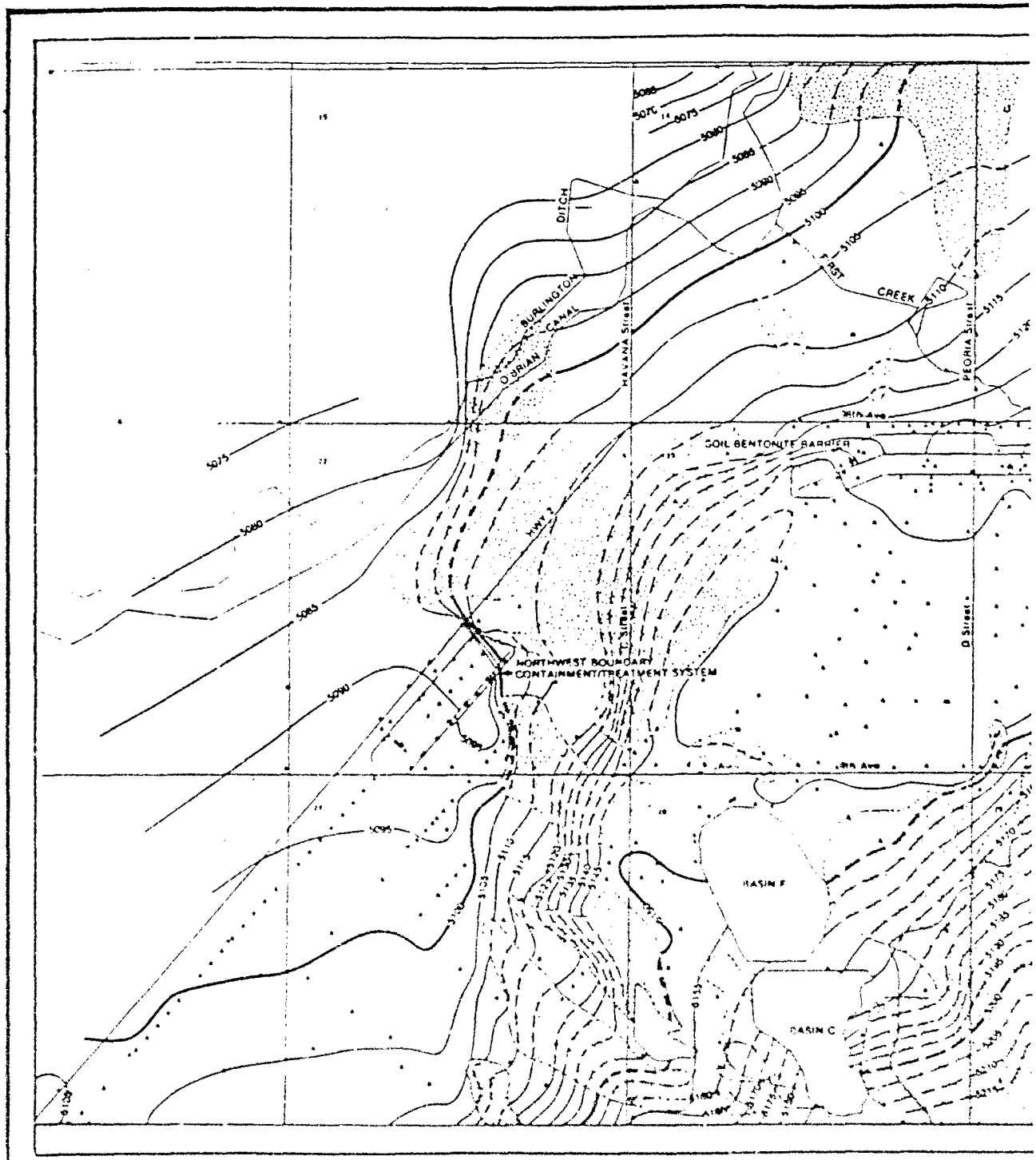
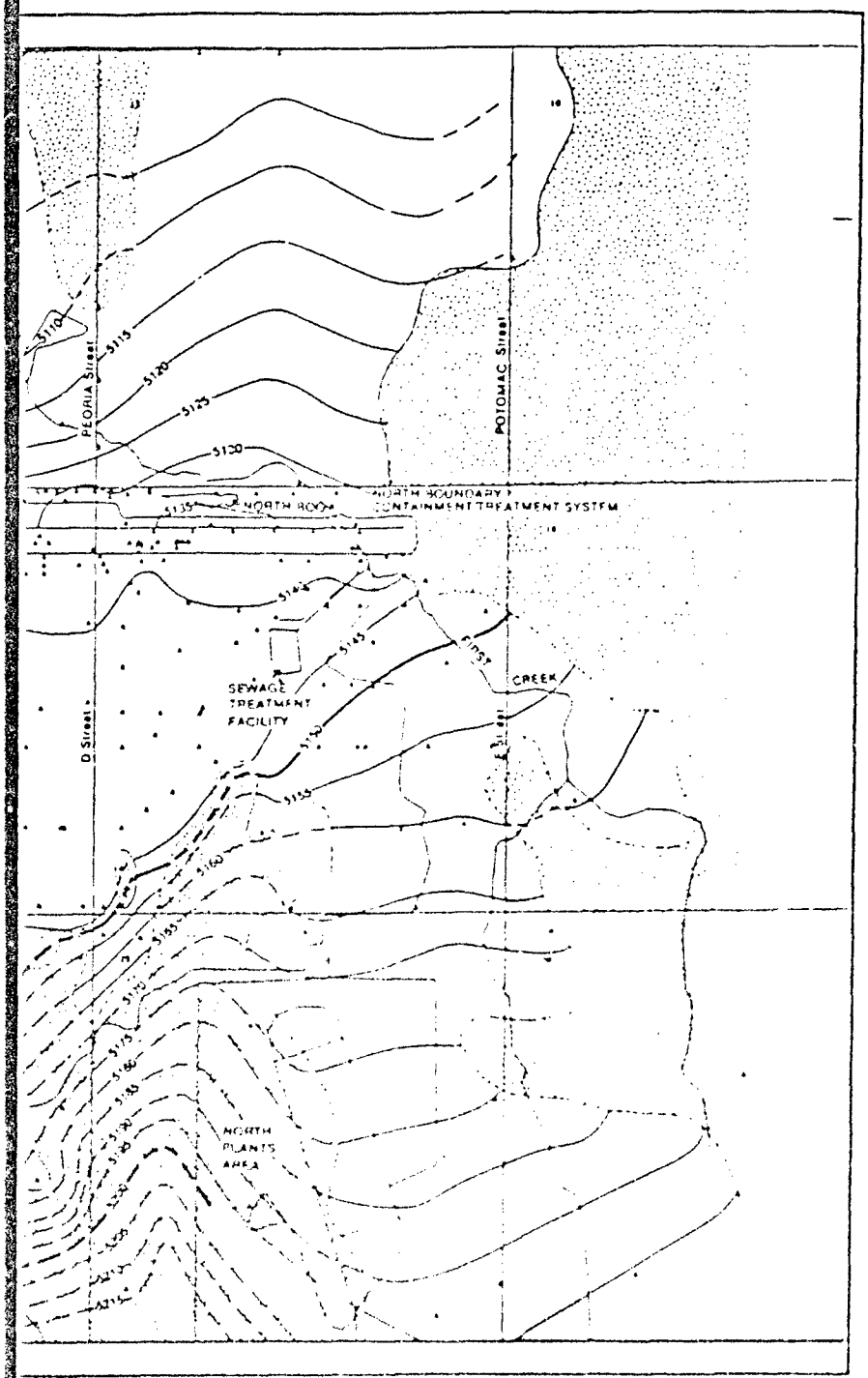


Figure B-25B
WATER TABLE ELEVATION (FT. MSL)
SECOND QUARTER FY 1987

SOURCE: ESE, 1988



EXPLANATION

▲ ALLUVIAL MONITORING WELL

5140 WATER TABLE ELEVATION CONTOUR INTERVAL

5140 WATER TABLE ELEVATION CONTOUR INTERVAL INFERRED

WATER LEVELS COLLECTED WINTER 1987

UNSATURATED ALLUVIUM

N

0 1000 2000

Scale in Feet

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

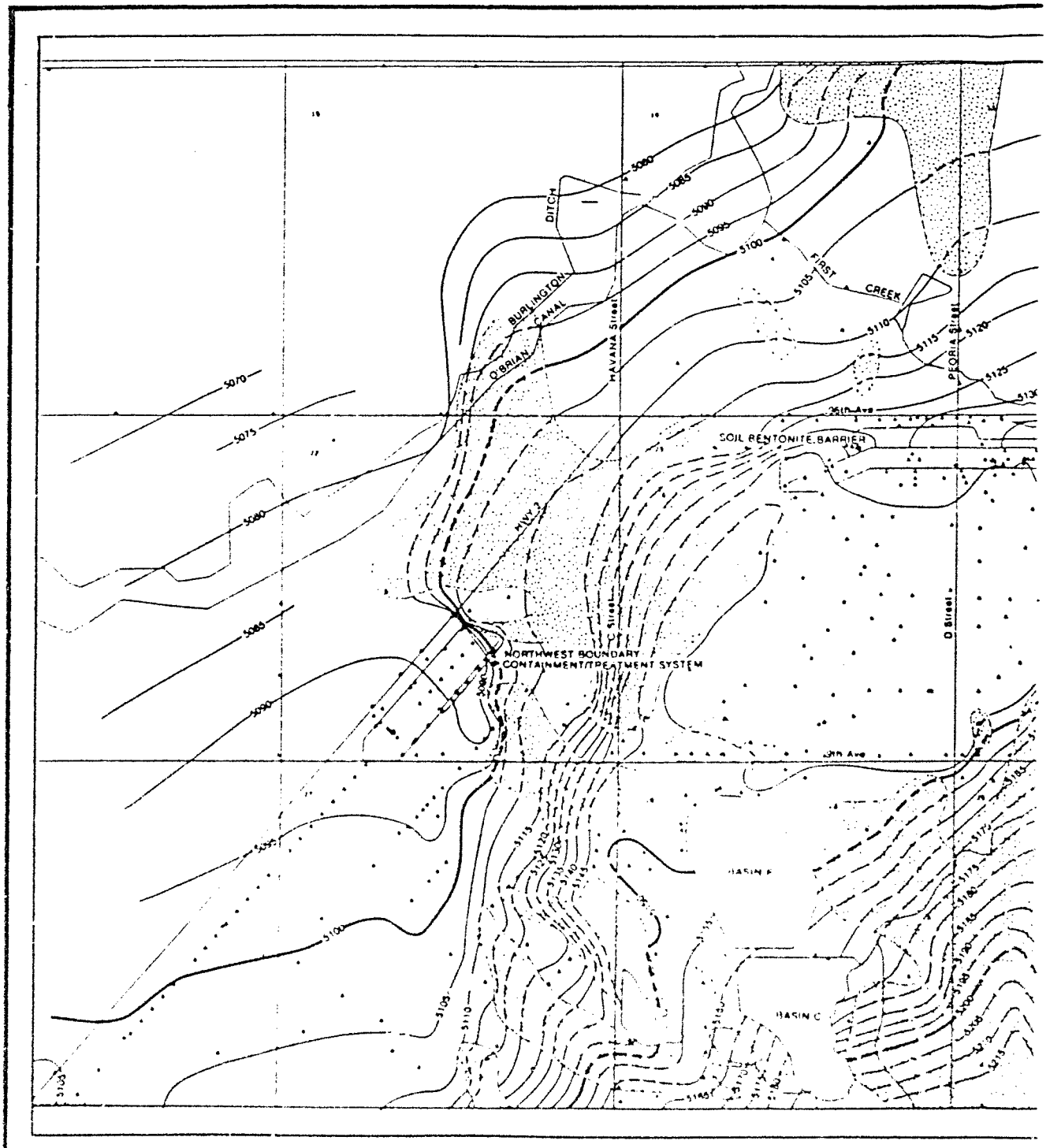
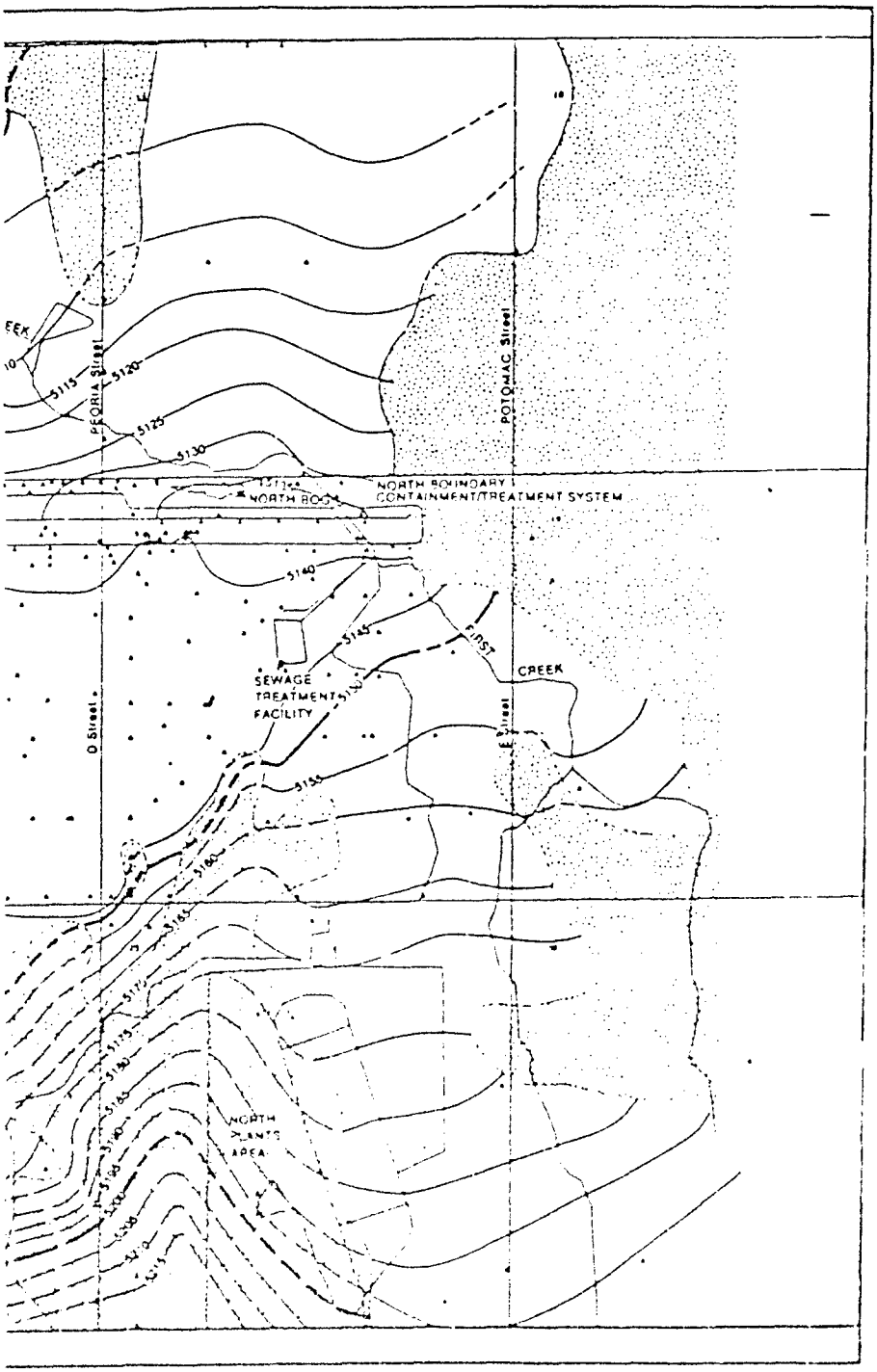


Figure B- 25C
WATER TABLE EVEVATION (FT, MSL)
THIRD QUARTER FY 1987

SOURCE ESE, 1988



EXPLANATION

- ALLUVIAL MONITORING WELL
- 5160 — WATER TABLE ELEVATION CONTOUR INTERVAL
- 5140 - - WATER TABLE ELEVATION CONTOUR INTERVAL INFERRED
- WATER LEVELS COLLECTED SPRING 1987
- UNSATURATED ALLUVIUM

N

0 1000 2000

Scale In Feet

Prepared for:
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Aberdeen Proving Ground, Maryland

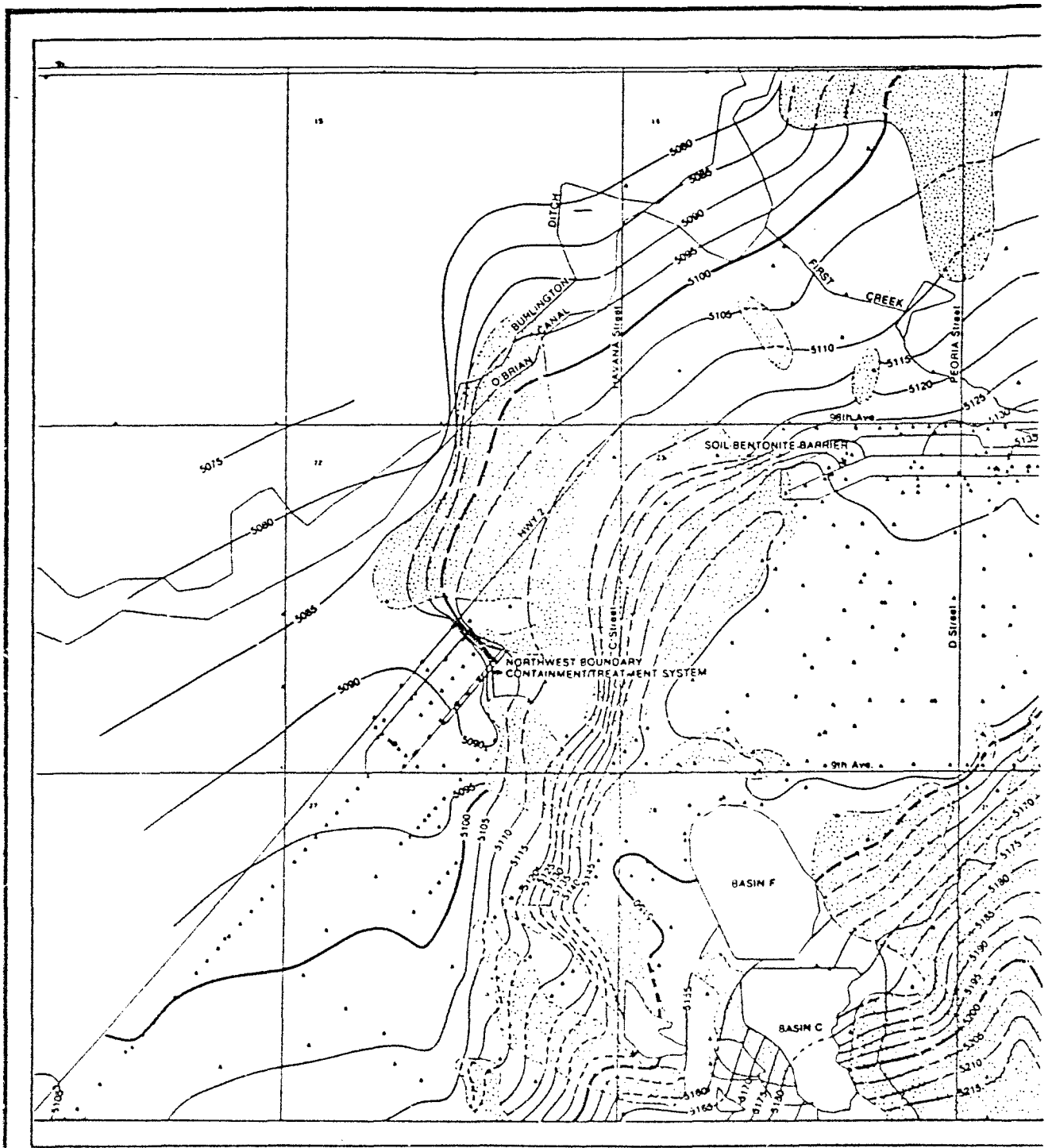
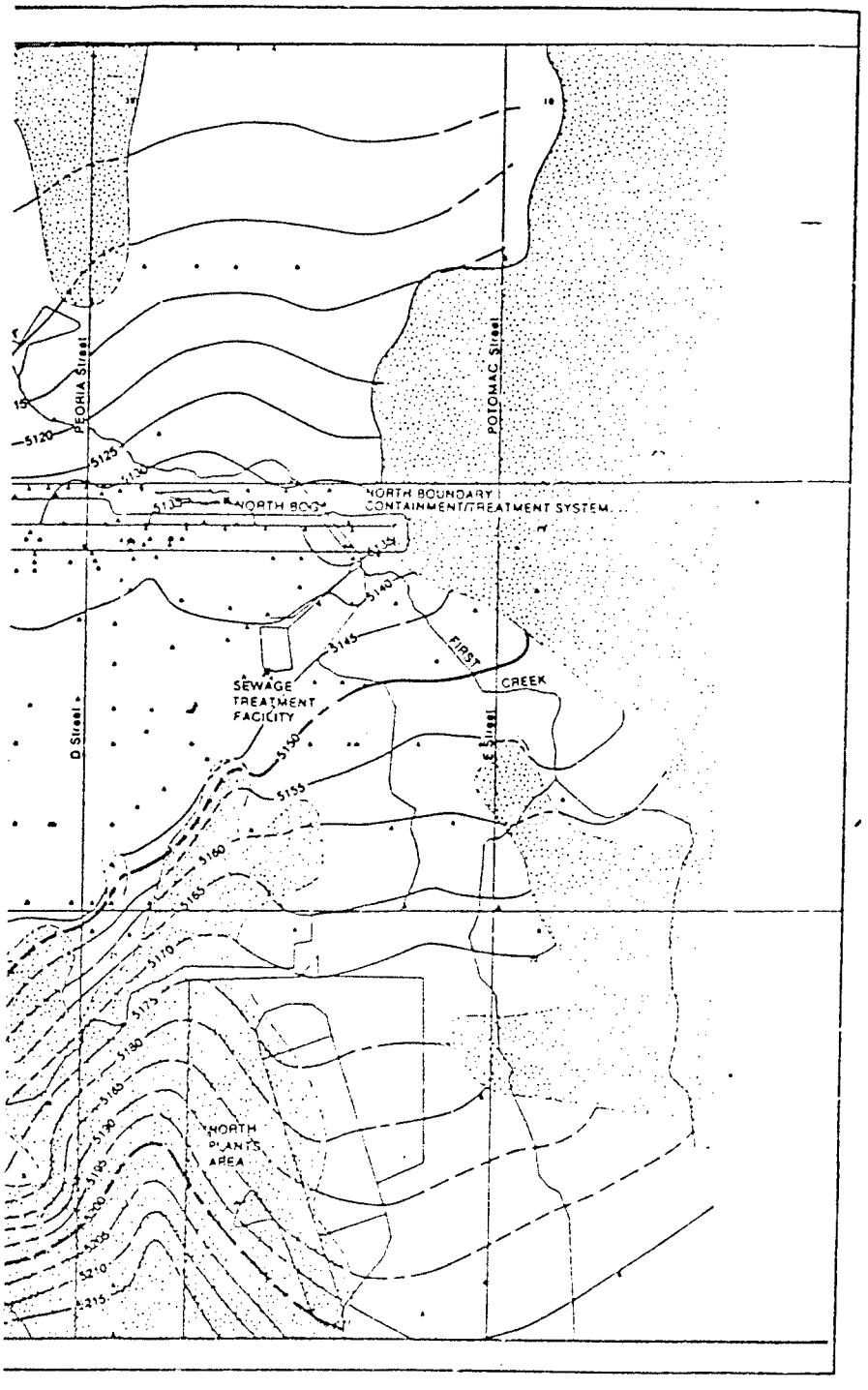


Figure B-25D
WATER TABLE ELEVATION (FT, MSL)
FOURTH QUARTER FY 1987

SOURCE: ESE, 1988



EXPLANATION

- ALLUVIAL MONITORING WELL
- 5100 WATER TABLE ELEVATION CONTOUR INTERVAL
- 5100 WATER TABLE ELEVATION CONTOUR INTERVAL INFERRED
- WATER LEVELS COLLECTED SUMMER 1987
- UNSATURATED ALLUVIUM

N

0 1000 2000

Scale In Feet

Prepared for:
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For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

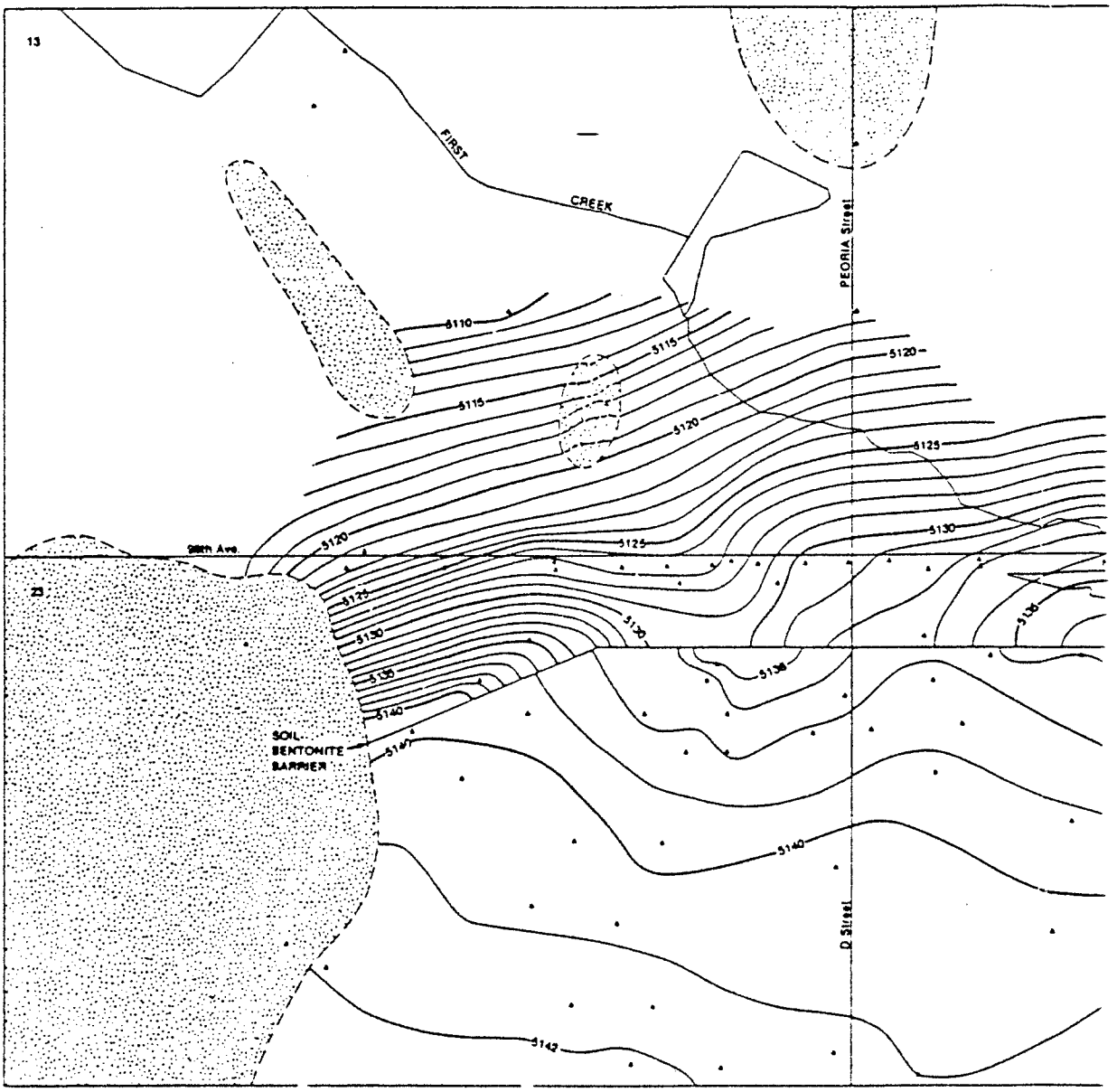
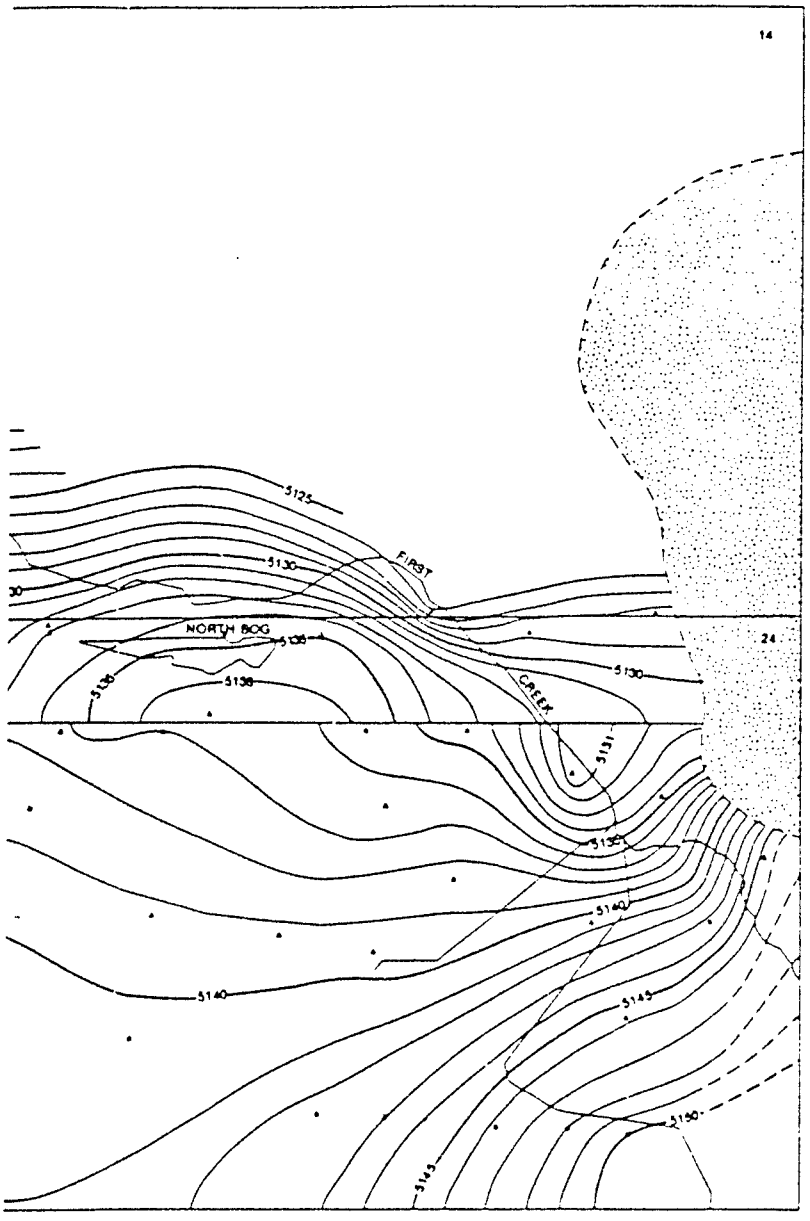


Figure B-26A
NBCS, WATER TABLE ELEVATION (FEET,MSL)
1ST QUARTER FY87

SOURCE:ESE,1988



EXPLANATION

5140 WATER TABLE ELEVATION CONTOUR INTERVAL

▲ ALLUVIAL MONITORING WELL WATER LEVELS COLLECTED FALL 1986

UNSATURATED ALLUVIUM

N

0 400 800

Scale In Feet

Prepared for:
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For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

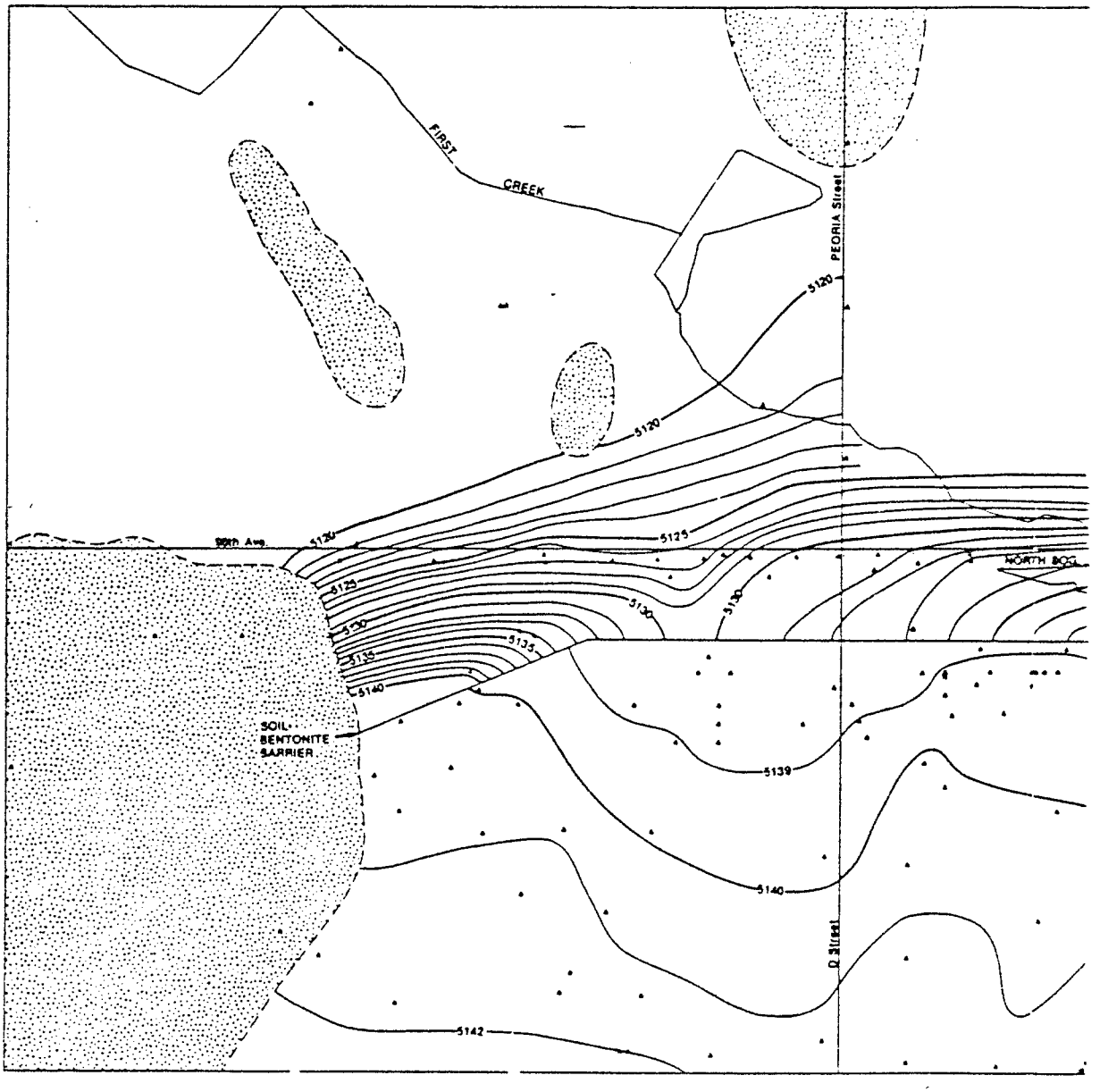
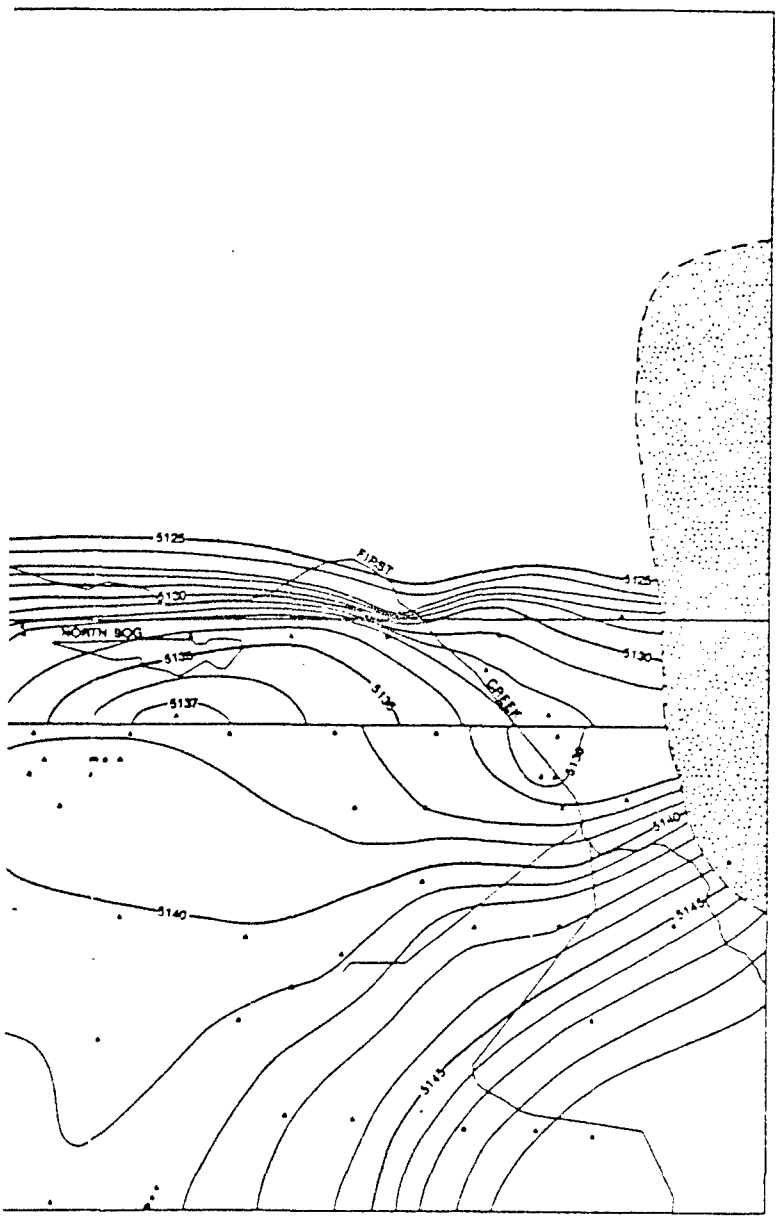


Figure B-26B
NBCS, WATER TABLE ELEVATION (FEET, MSL)
2ND QUARTER FY87

SOURCE:ESE,1988



EXPLANATION

10 — WATER TABLE ELEVATION CONTOUR INTERVAL

▲ ALLUVIAL MONITORING WELL WATER LEVELS COLLECTED WINTER 1987

UNSATURATED ALLUVIUM

N

0 400 800

Scale in Feet

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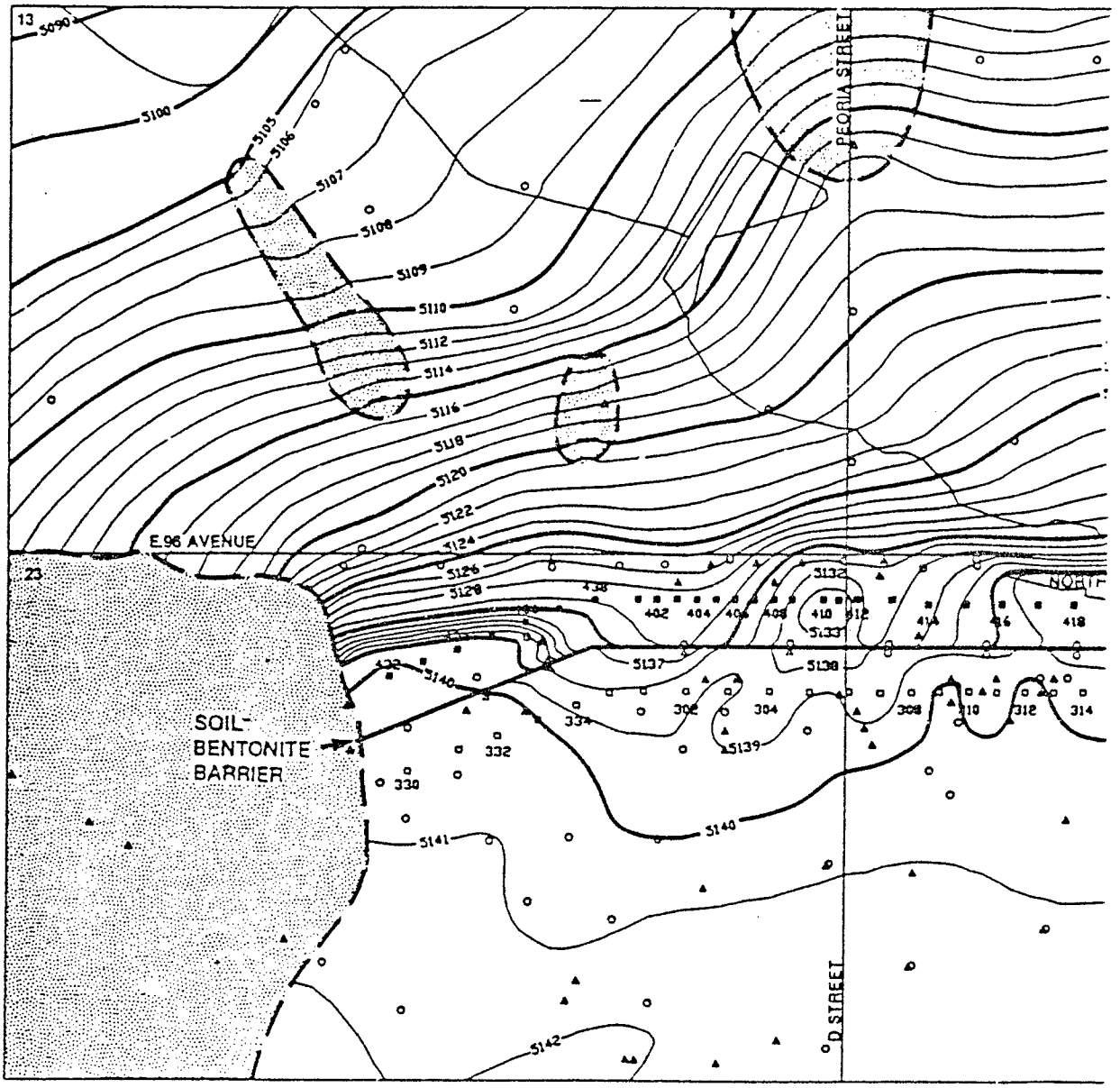
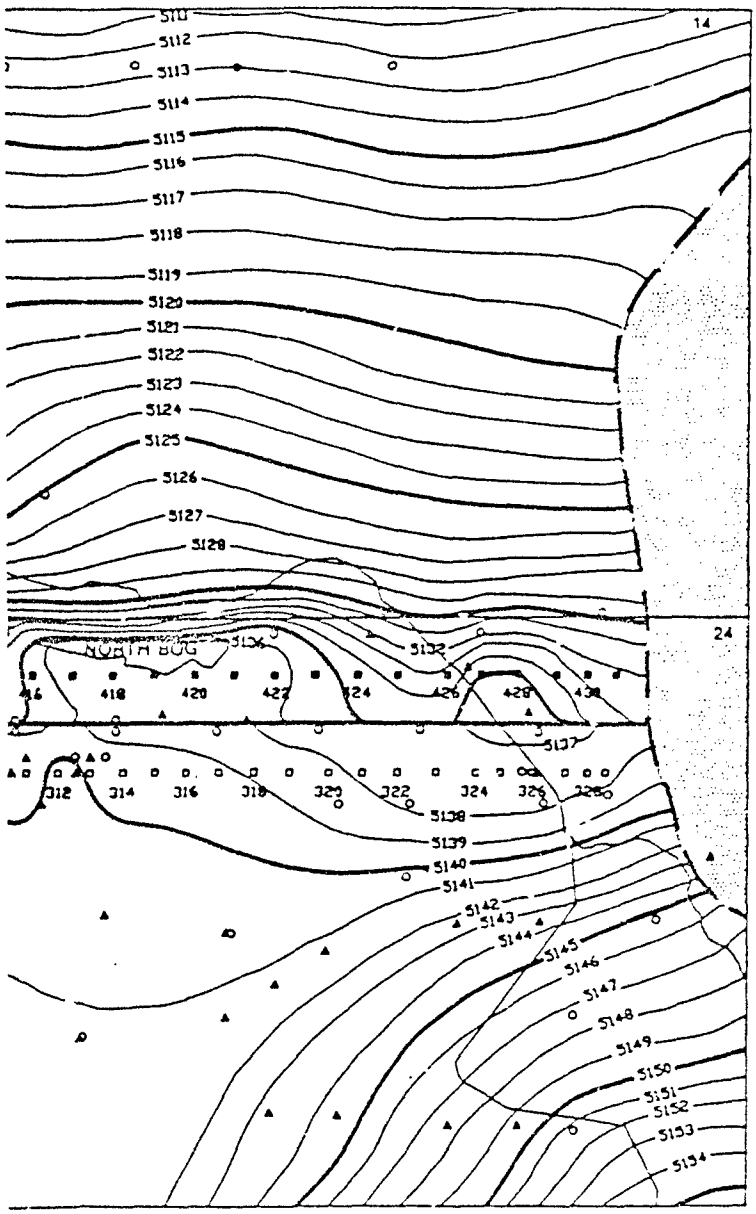


Figure B-26C
NBCS, WATER TABLE ELEVATION (FEET,MSL)
3RD QUARTER, FY87

SOURCE: ESE, 1988



EXPLANATION

- 5150 — WATER LEVEL CONTOUR (MSL)
- □ DEWATERING WELL
- ⊠ RECHARGE WELL
- ○ ALLUVIAL WELL SAMPLED FOR WATER QUALITY AND MEASURED FOR WATER LEVELS.
- △ ALLUVIAL WELL MEASURED FOR WATER LEVELS ONLY
- ●/▲ WATER LEVEL MEASURED THIS QUARTER
- □ UNSATURATED ALLUVIUM

N

0 400 800

Scale In Feet

Prepared for:
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For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

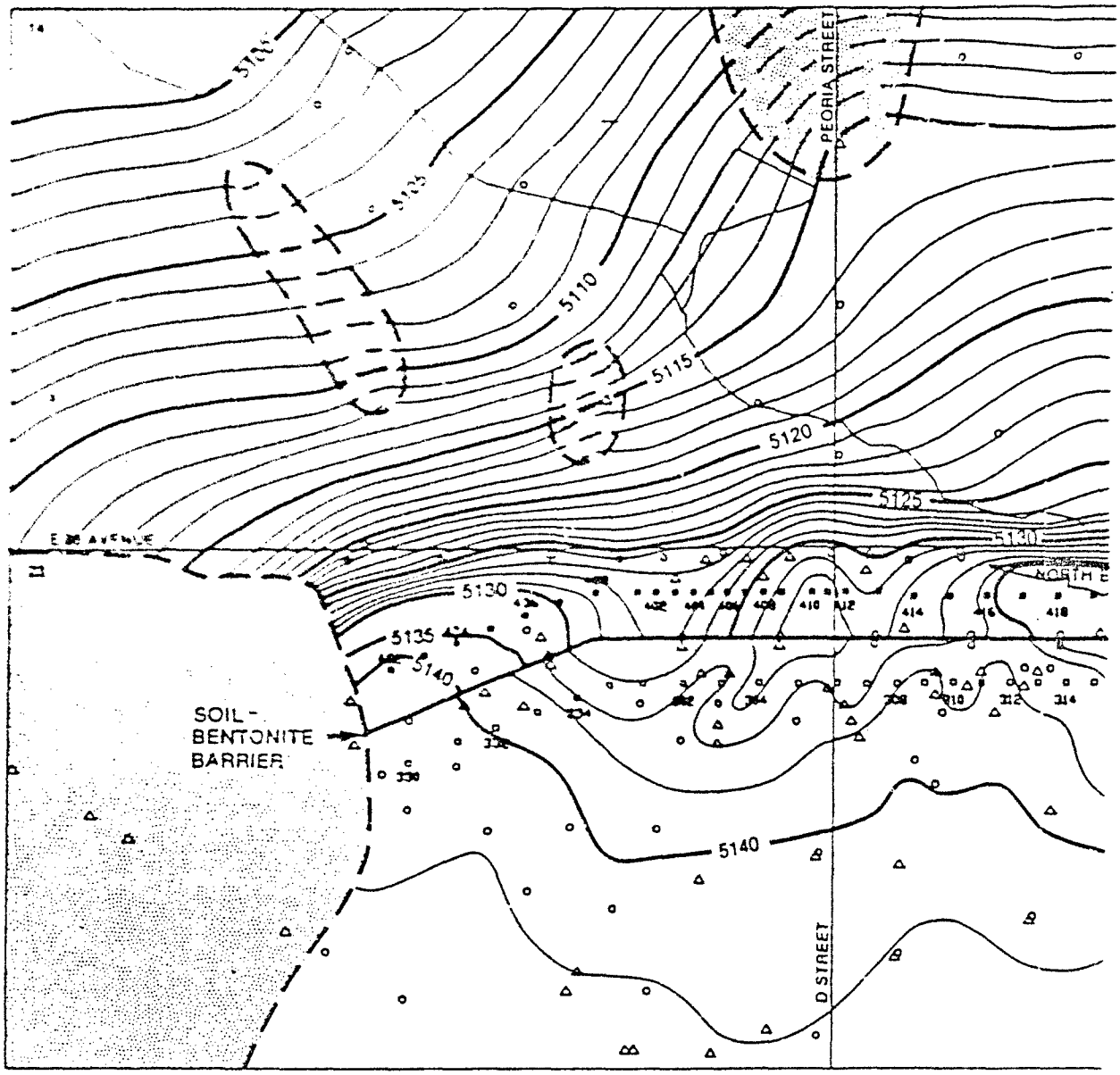
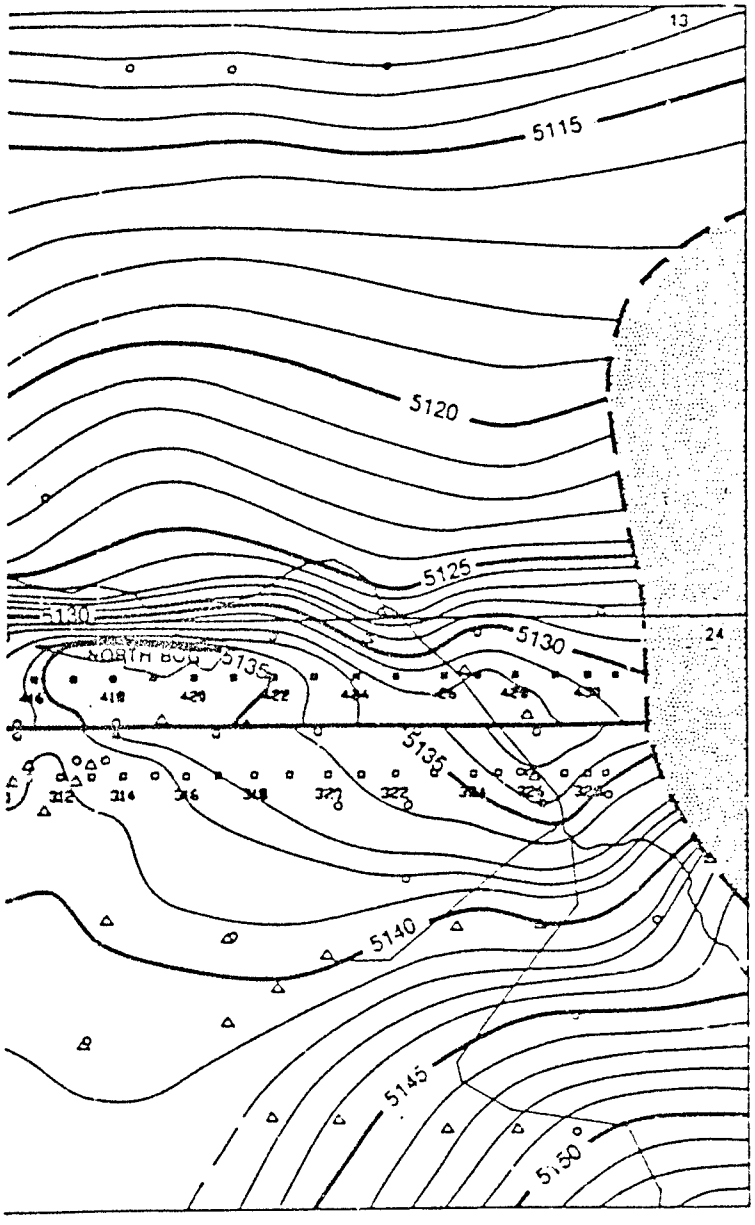


Figure B-26D
NBCS, WATER TABLE ELEVATION (FEET,MSL)
4TH QUARTER, FY87

SOURCE: ESE, 1988



EXPLANATION

- 5150 — WATER LEVEL CONTOUR (MSL)
- DEWATERING WELL
- RECHARGE WELL
- ALLUVIAL WELL SAMPLED FOR WATER QUALITY AND MEASURED FOR WATER LEVELS.
- ALLUVIAL WELL MEASURED FOR WATER LEVELS ONLY
- WATER LEVEL MEASURED THIS QUARTER
- UNSATURATED ALLUVIUM

N

0 400 800

Scale in Feet

Prepared for:
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For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

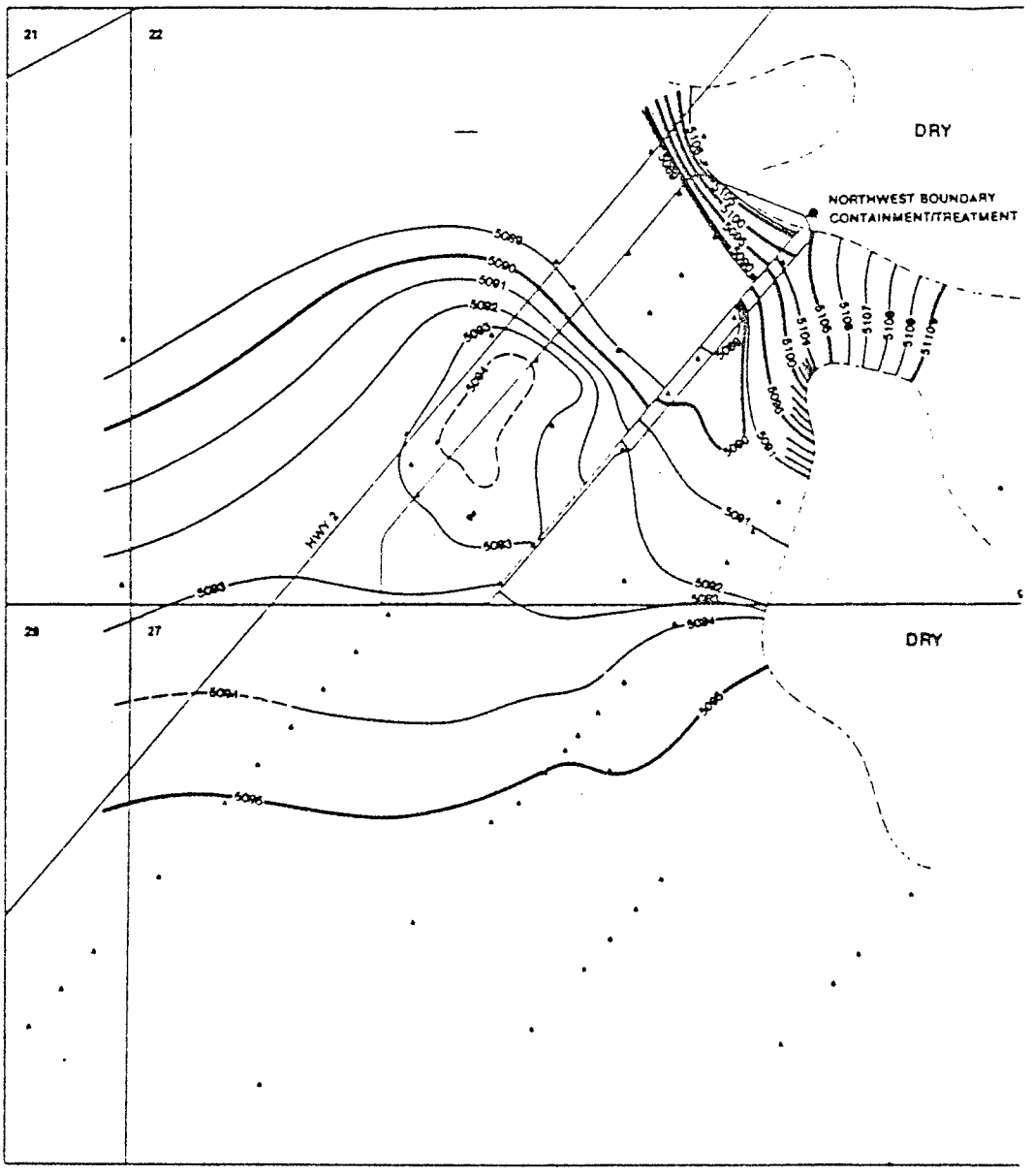
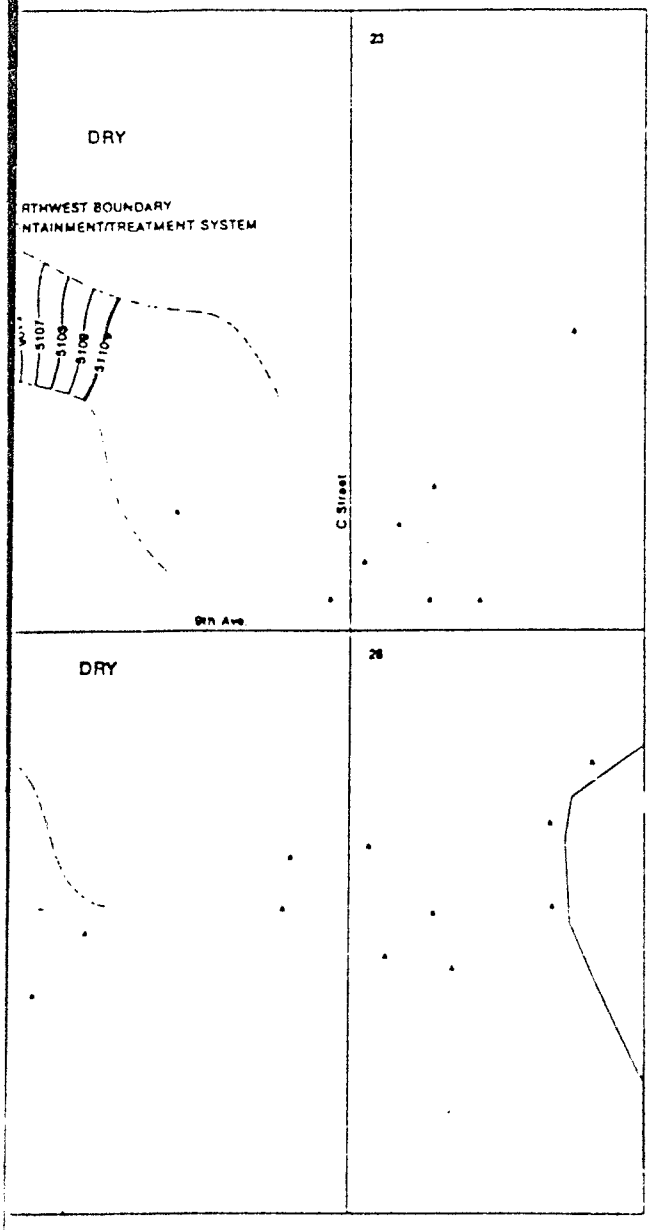


Figure B-27A
NWBCS, WATER TABLE ELEVATION (FEET,MSL)
1ST QUARTER FY87

SOURCE:ESE,1988



EXPLANATION

5100 WATER TABLE ELEVATION CONTOUR LINE

5100 INFERRED WATER TABLE ELEVATION LINE

▲ ALLUVIAL WELL MONITORED FOR WATER LEVELS

CONTOUR INTERVAL : 1 FT.

N

0 400 800

Scale In Feet

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For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

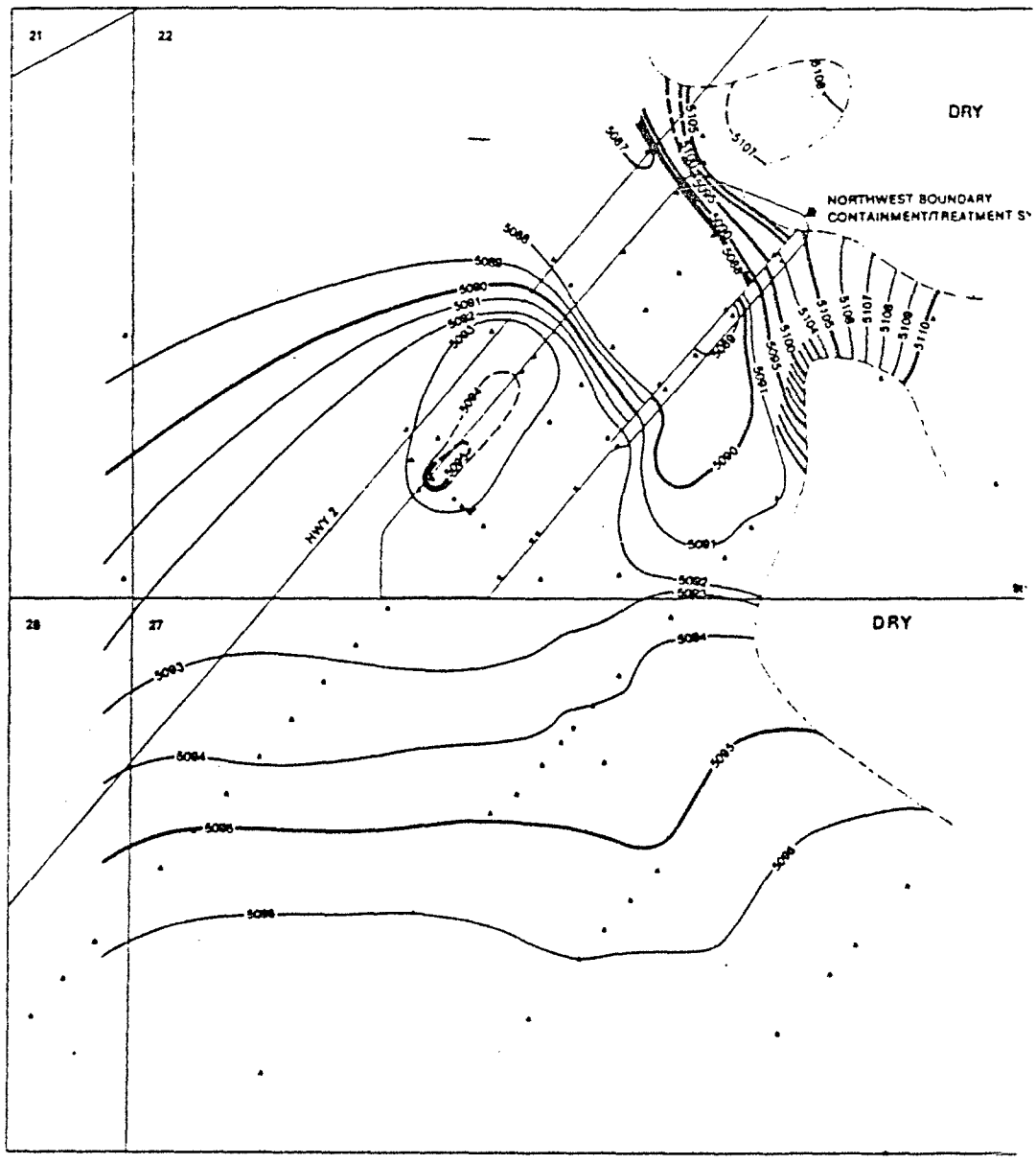
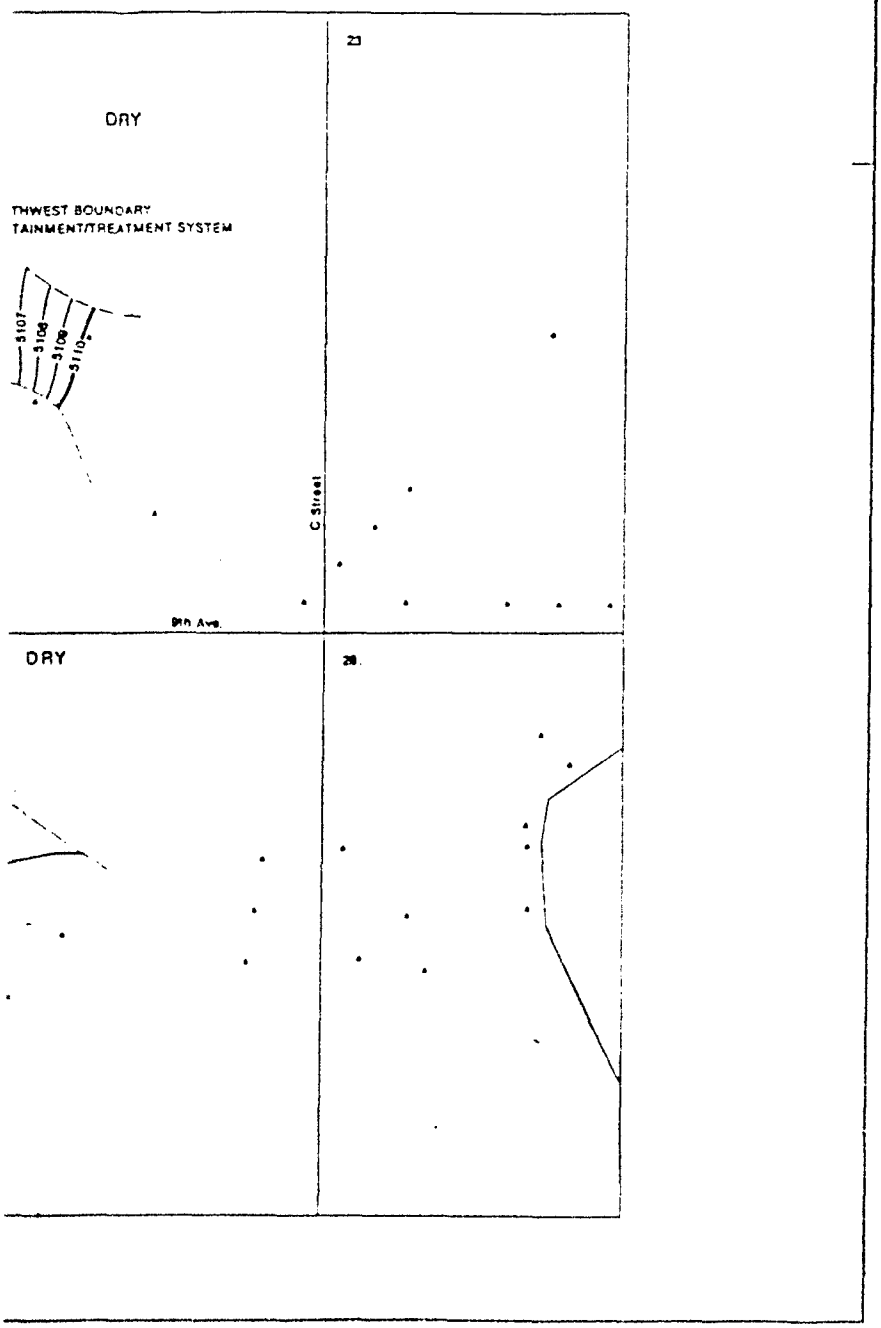


Figure B-27B
NWBCS, WATER TABLE ELEVATION (FEET,MSL)
2ND QUARTER FY87

SOURCE:ESE,1988



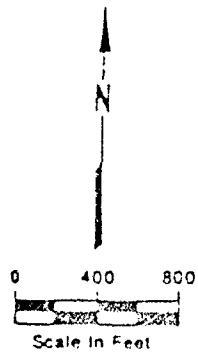
EXPLANATION

5100 — WATER TABLE ELEVATION CONTOUR LINE

5100 - - - INFERRED WATER TABLE ELEVATION LINE

▲ ALLUVIAL WELL MONITORED FOR WATER LEVELS

CONTOUR INTERVAL : 1 FT.



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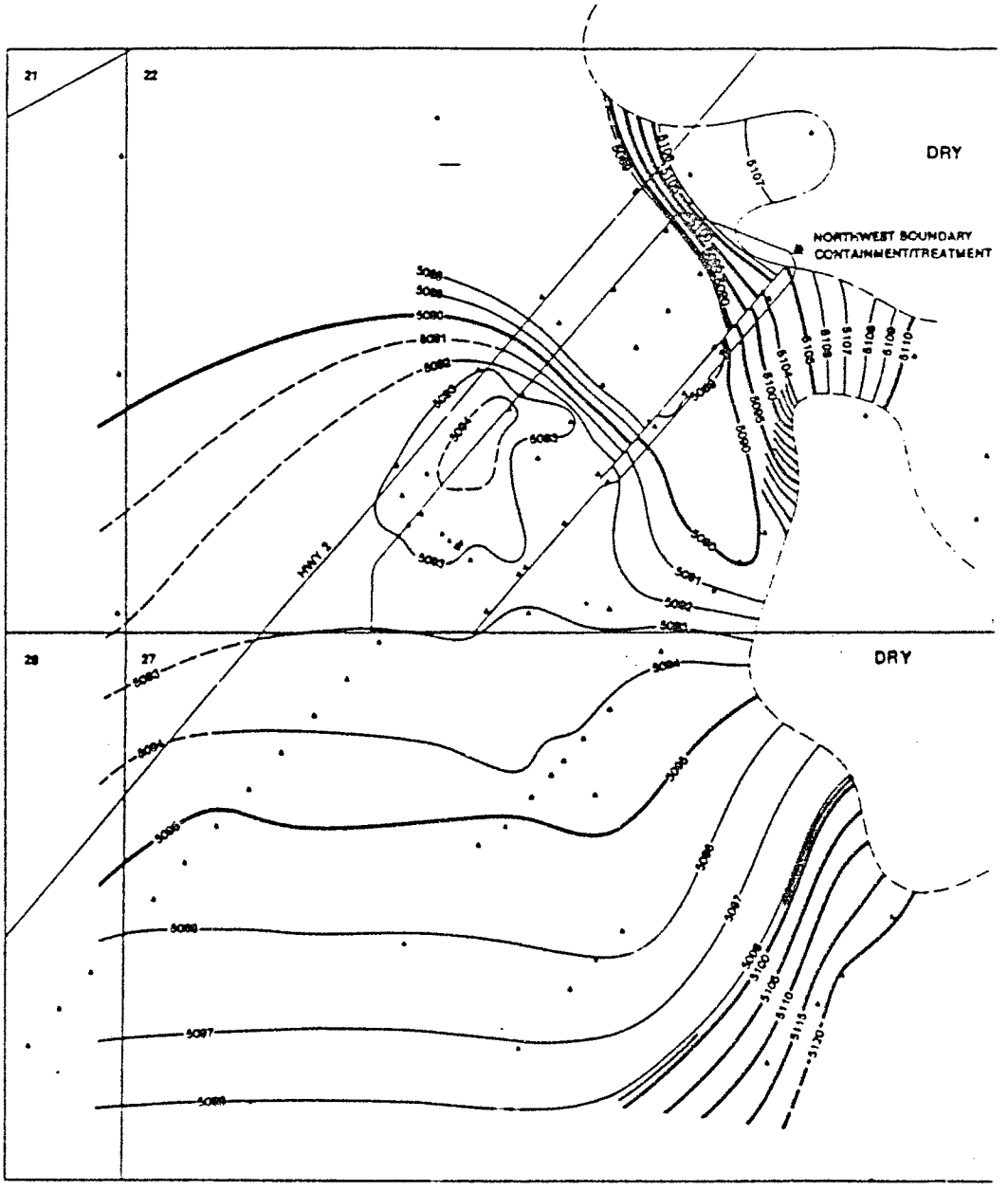
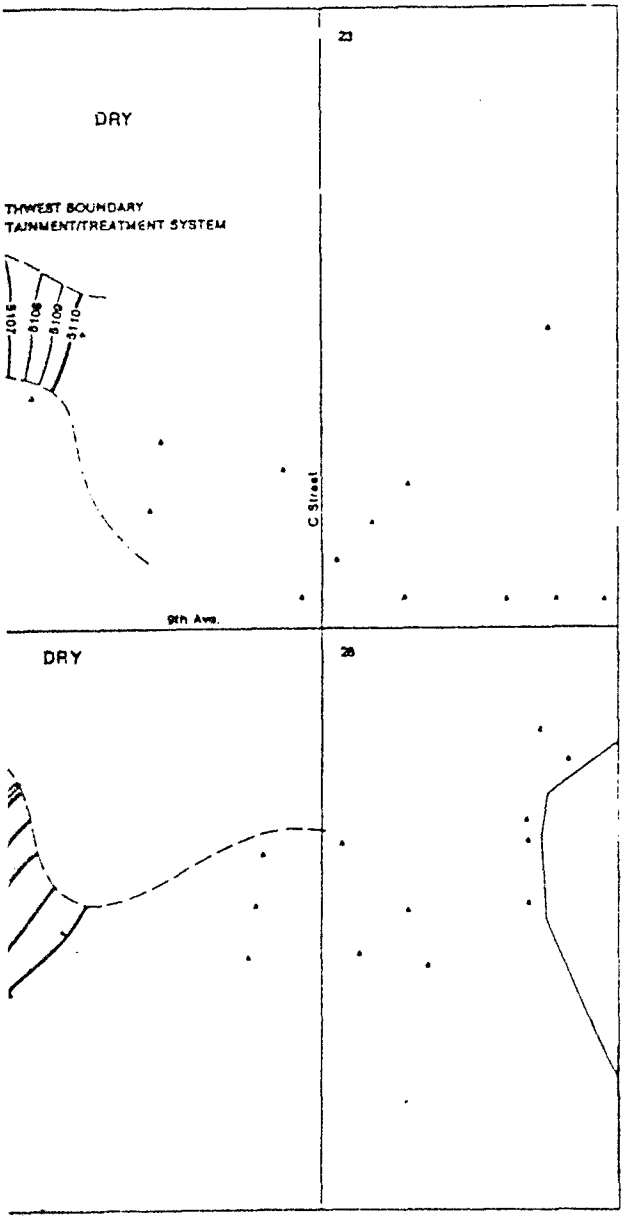


Figure B-27C
NWBCS, WATER TABLE ELEVATION (FEET,MSL)
3RD QUARTER FY87

SOURCE:ESE,1988



EXPLANATION

5100 WATER TABLE ELEVATION CONTOUR LINE

5100 INFERRED WATER TABLE ELEVATION LINE

▲ ALLUVIAL WELL MONITORED FOR WATER LEVELS

CONTOUR INTERVAL : 1 FT.

N

0 400 800

Scale In Feet

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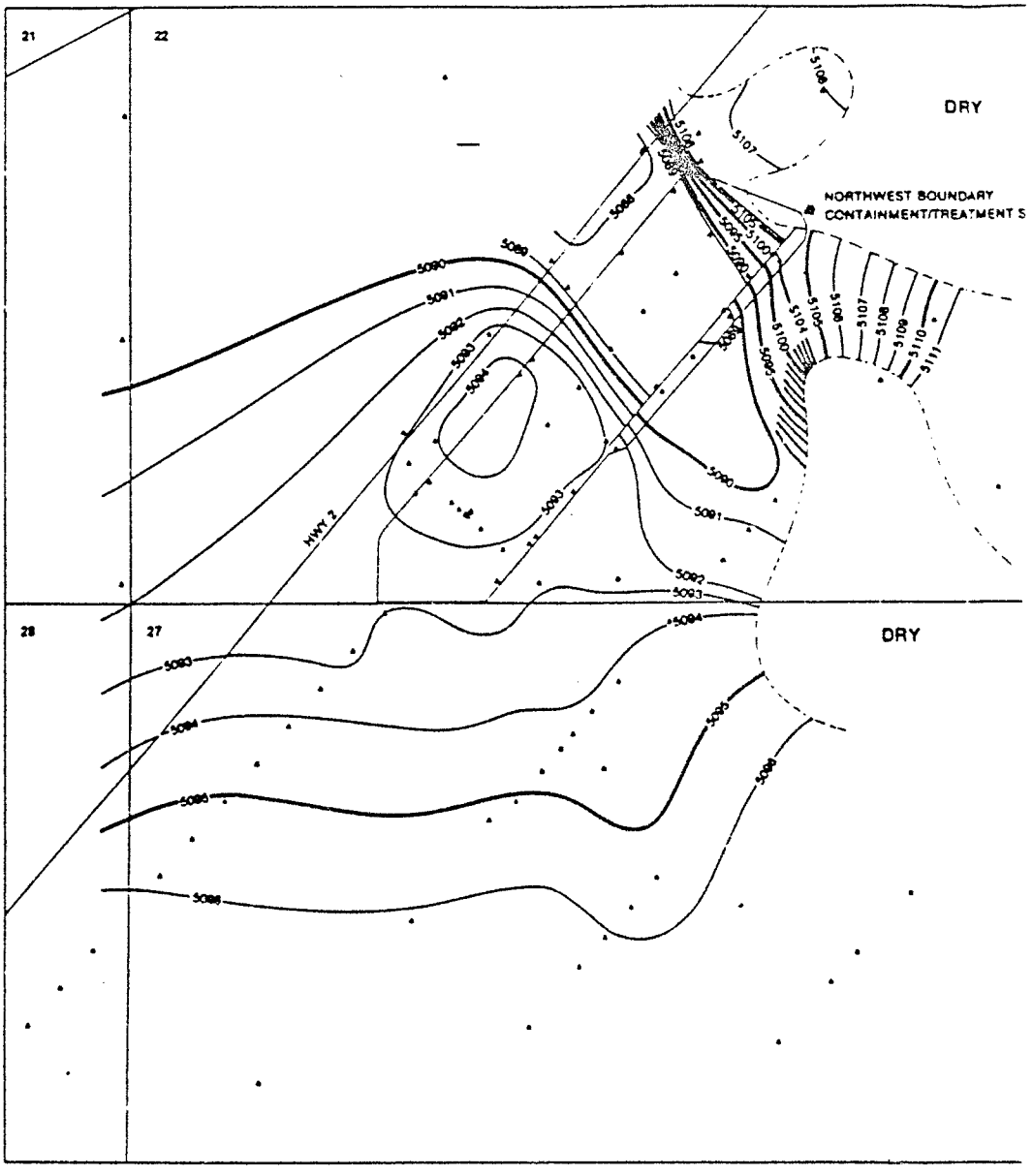
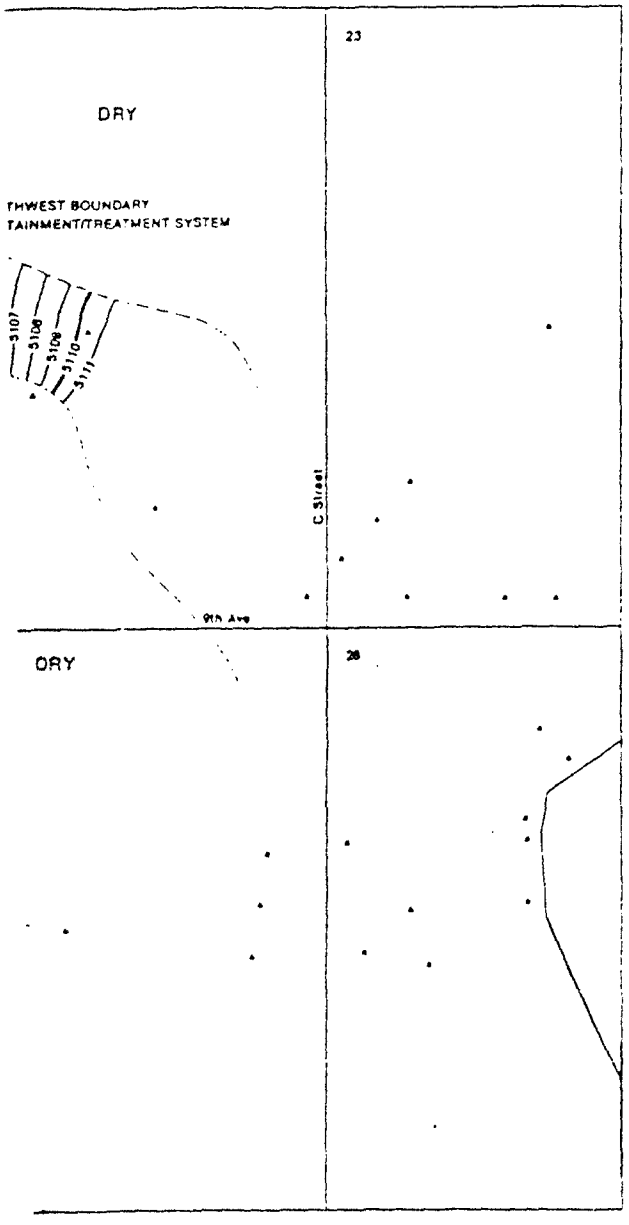


Figure B-27D
NWBCS, WATER TABLE ELEVATION (FEET,MSL)
4TH QUARTER FY87

SOURCE:ESE,1988



EXPLANATION

5100 WATER TABLE ELEVATION CONTOUR LINE

5100 INFERRED WATER TABLE ELEVATION LINE

▲ ALLUVIAL WELL MONITORED FOR WATER LEVELS

CONTOUR INTERVAL : 1 FT.

N

0 400 800

Scale in Feet

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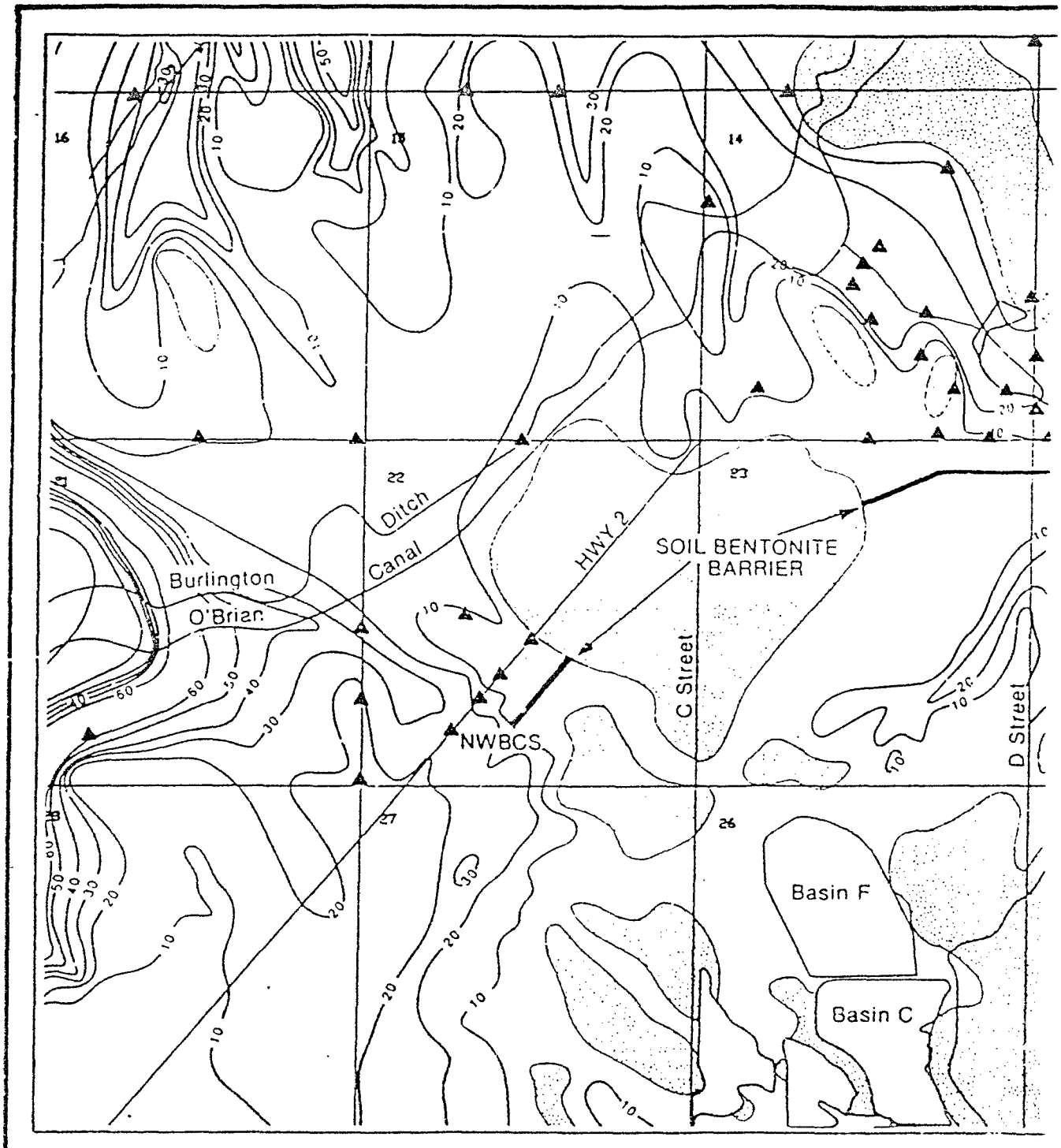
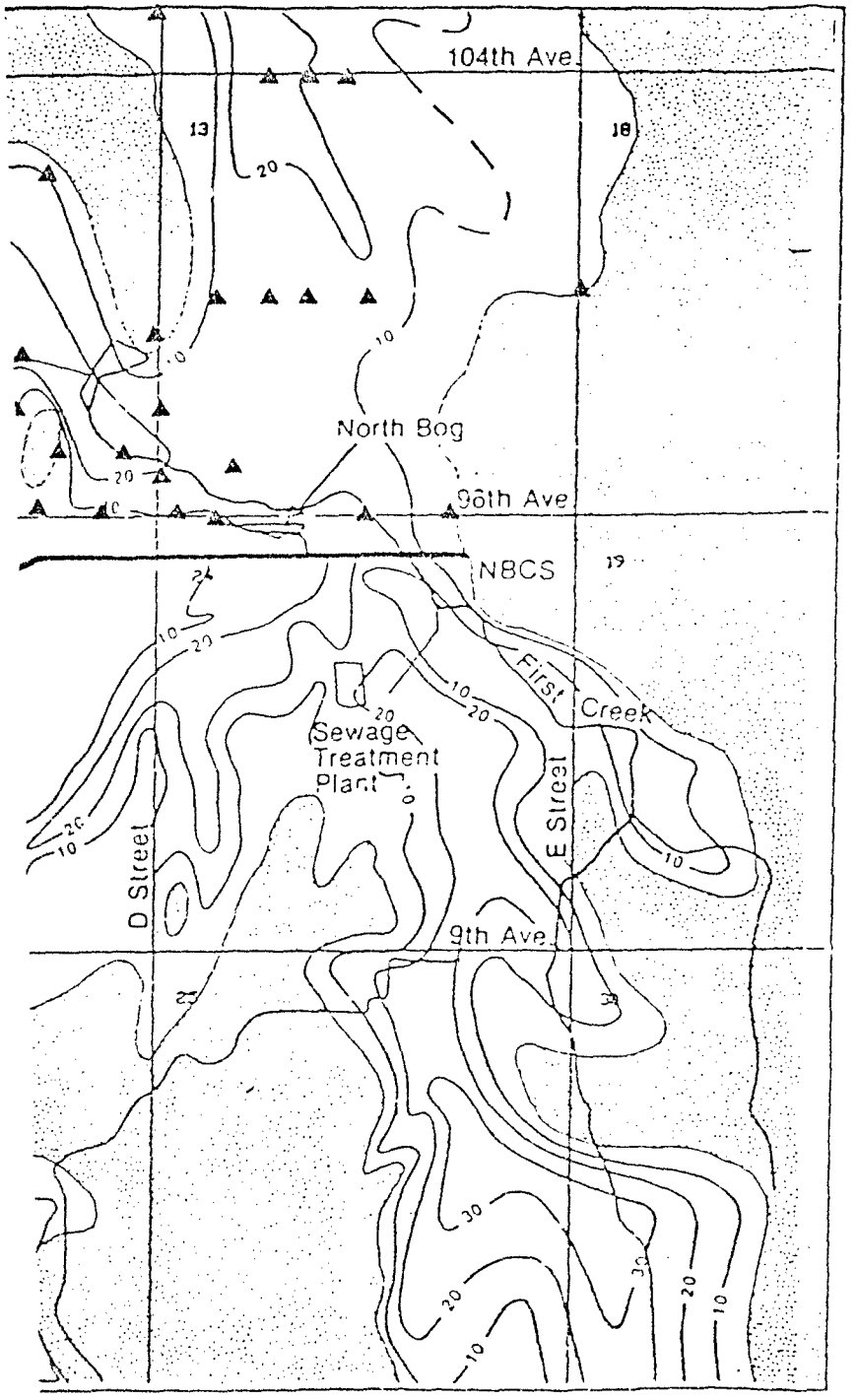


Figure B-28
CONTOUR MAP OF THE THICKNESS OF SATURATED ALLUVIUM
3RD QUARTER FY87

SOURCE:ESE,1988



EXPLANATION

10 THICKNESS OF SATURATED ALLUVIUM CONTOUR INTERVAL

▲ ALLUVIAL MONITORING WELLS MEASURED FOR WATER LEVELS SPRING 1987

SATURATED THICKNESS CALCULATED BY SUBTRACTING BEDROCK ELEVATION FROM WATER TABLE ELEVATION

UNSATURATED ALLUVIUM

N

0 1000 2000

Scale in Feet

Prepared for:
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For Rocky Mountain Arse

Aberdeen Proving Ground, Maryland

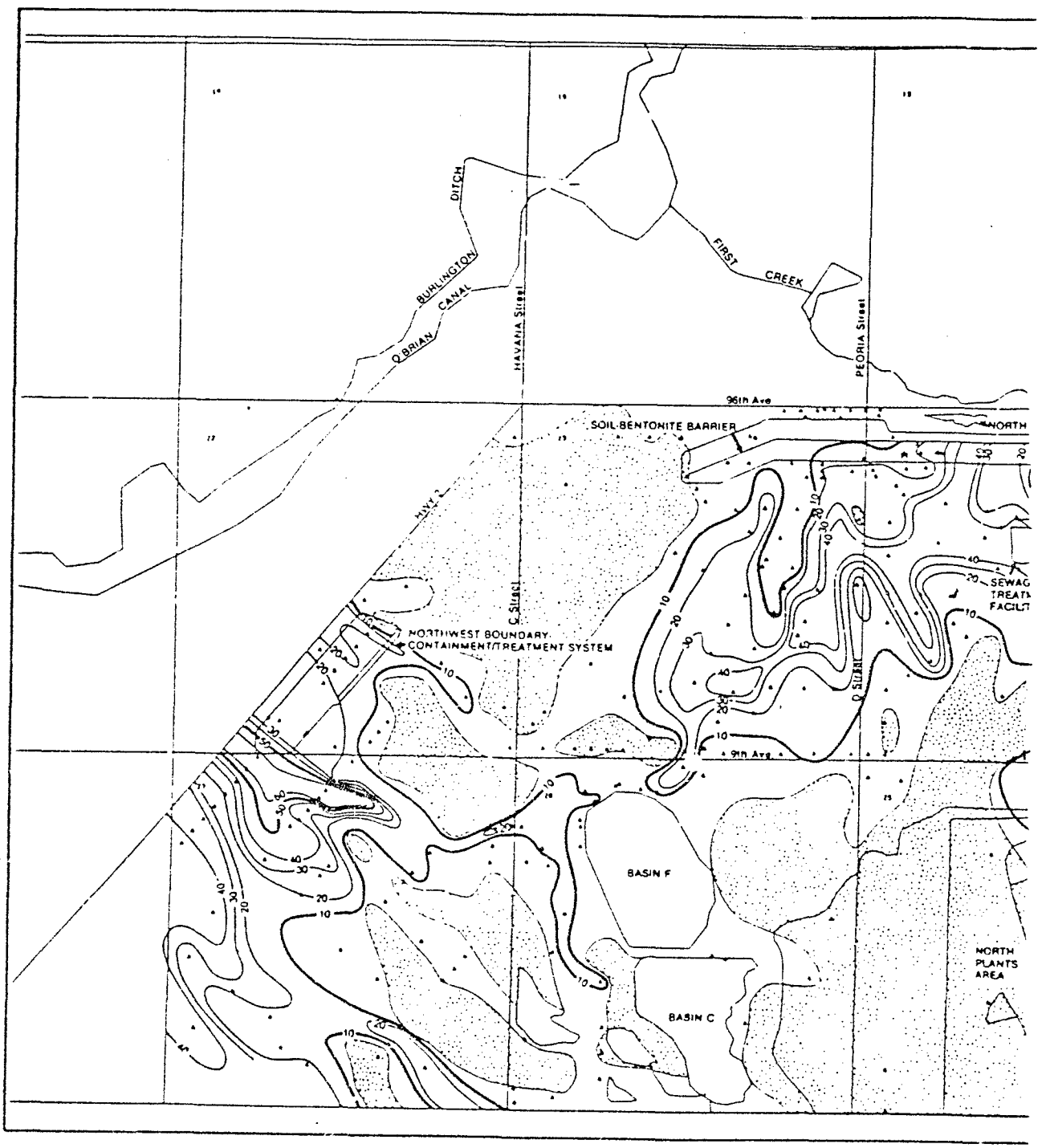
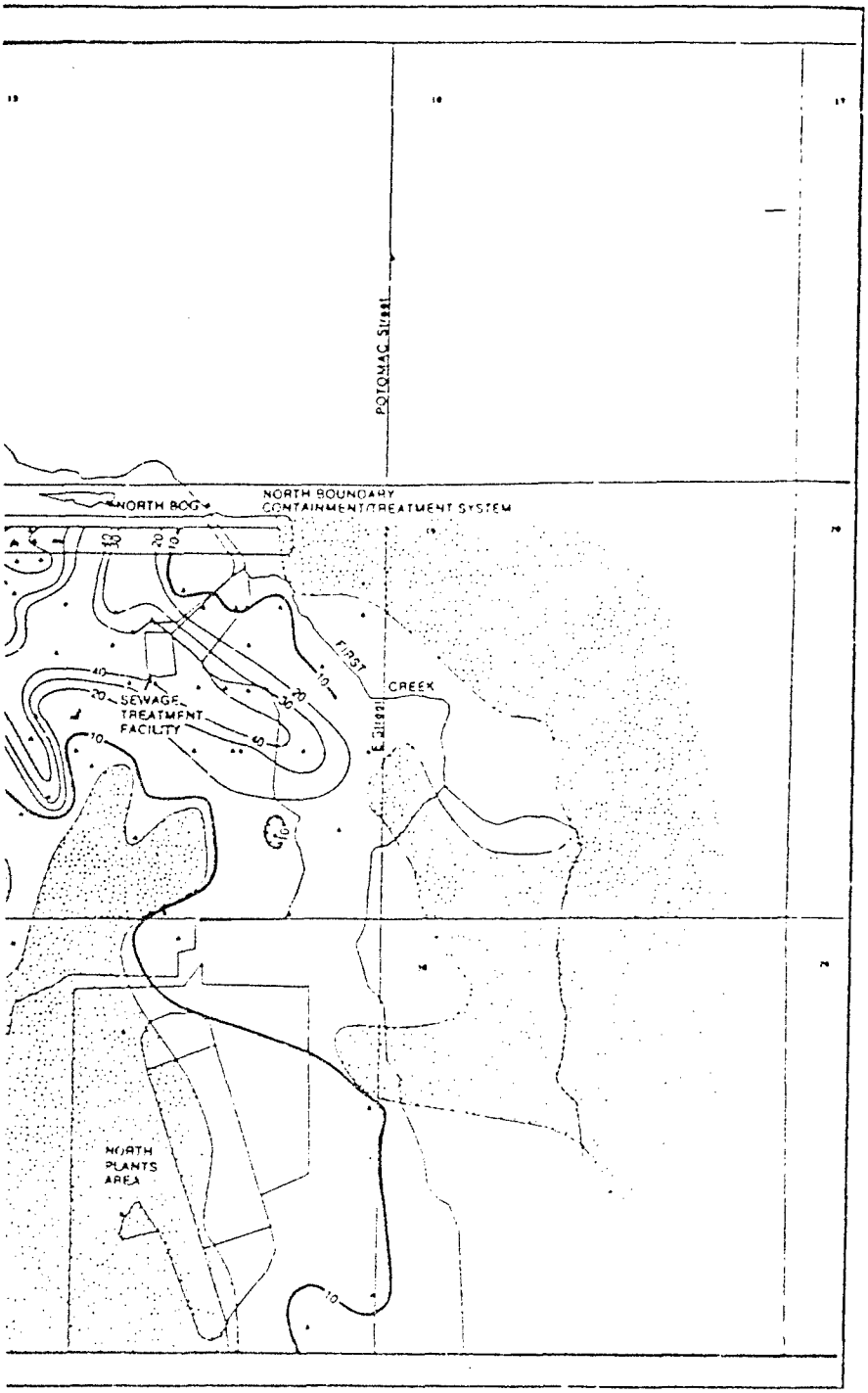


Figure B-29
CONTOUR MAP OF THE TRANSMISSIVITY OF THE ALLUVIAL AQUIFER
3RD QUARTER FY87

SOURCE:ESE,1988



EXPLANATION

10 — TRANSMISSIVITY CONTOUR INTERVAL (X 10^3 gpd/ft.)

▲ ALLUVIAL MONITORING WELL

HYDRAULIC CONDUCTIVITIES ESTIMATED FROM LITHOLOGIC LOGS AND AVAILABLE PUMPING TEST DATA

ALLUVIAL WATER LEVELS MEASURED SPRING 1987

UNSATURATED ALLUVIUM

N

0 1000 2000

Scale In Feet

Prepared for:
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For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

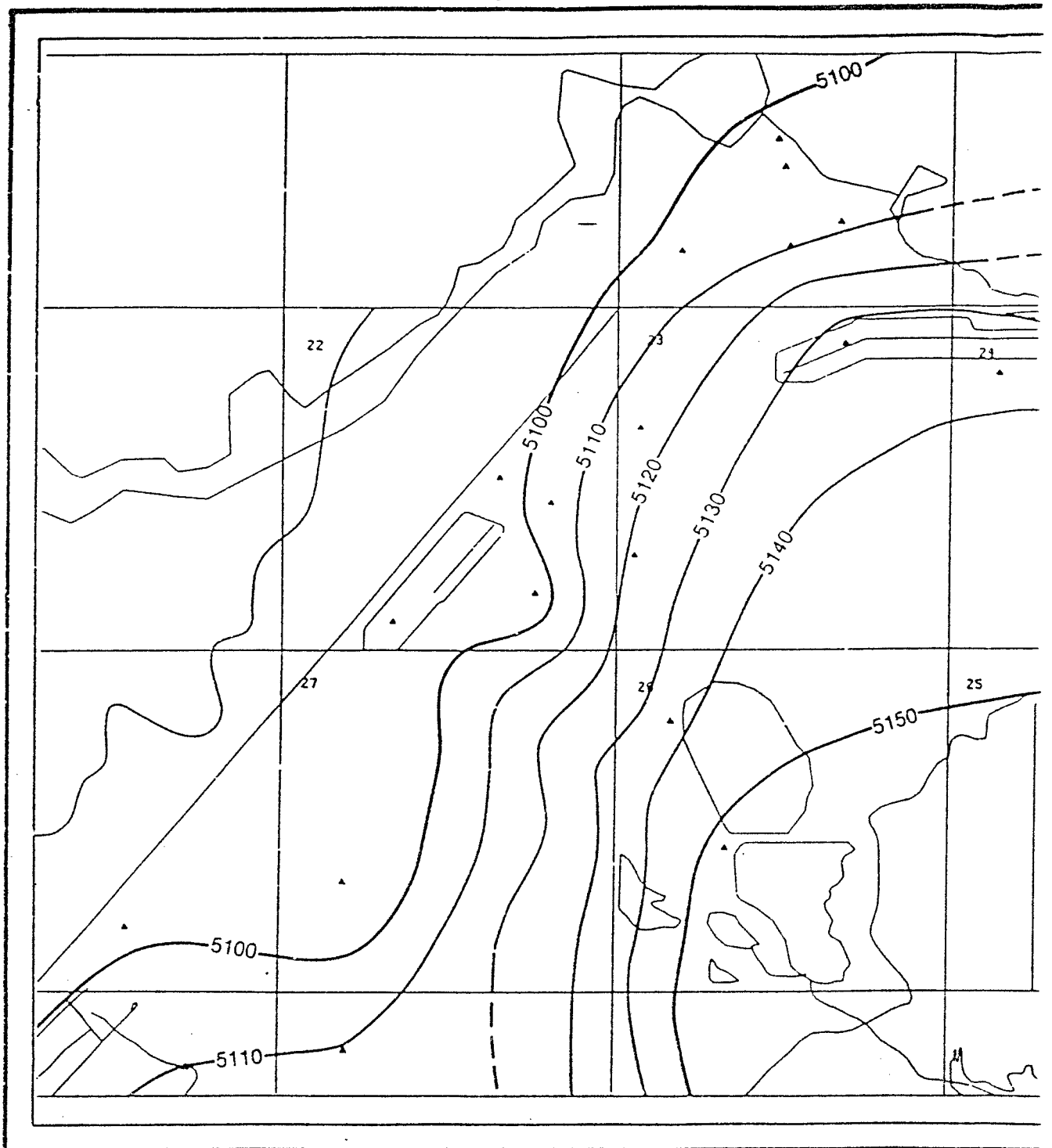
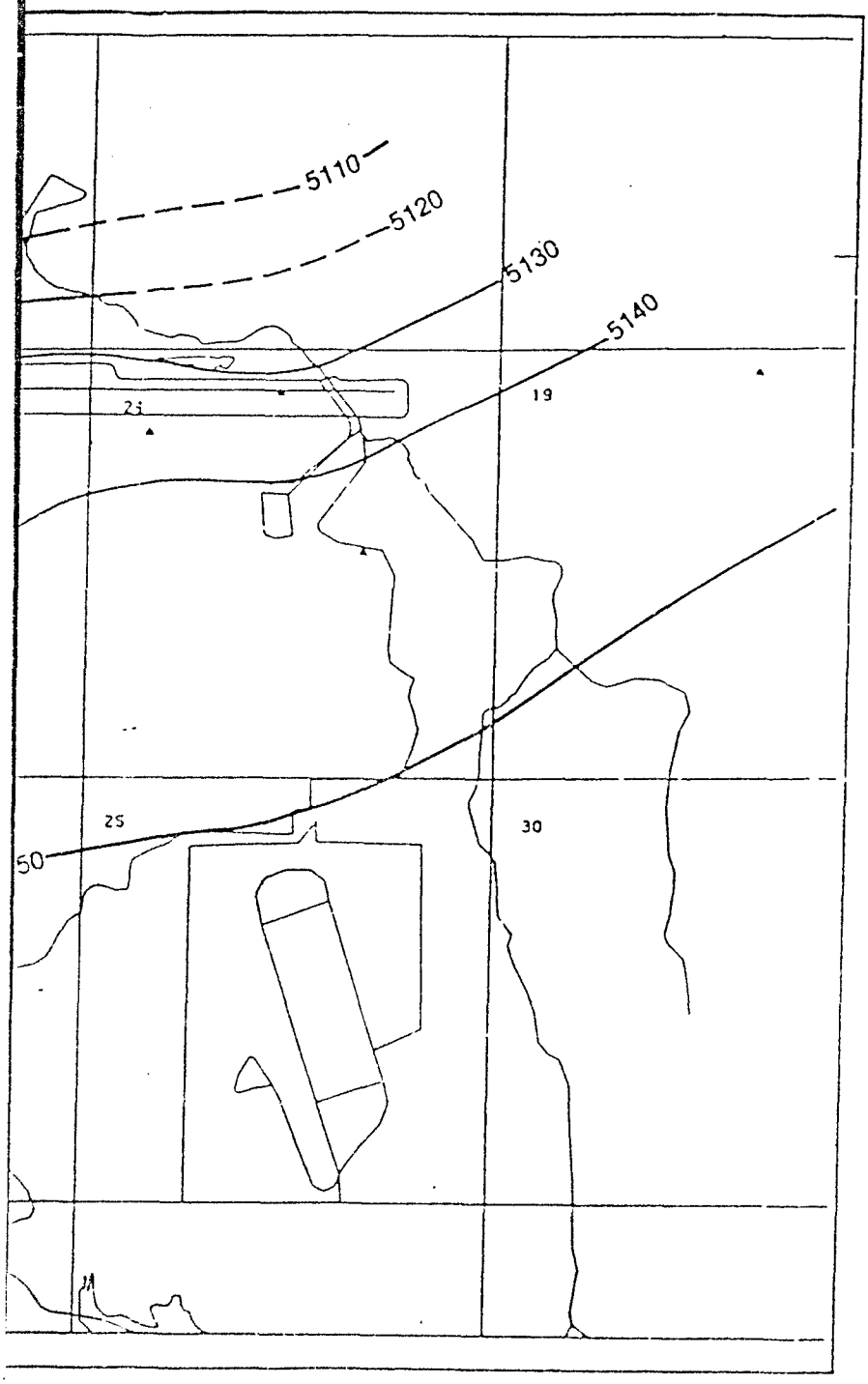


Figure B-30
POTENTIOMETRIC SURFACE, DENVER FORMATION SAND ZONE 4
3RD QUARTER FY87

SOURCE:ESE,1988



EXPLANATION

5140 POTENTIOMETRIC SURFACE CONTOUR INTERVAL

5140 POTENTIOMETRIC SURFACE CONTOUR INTERVAL INFERRED

▲ DENVER FORMATION SAND ZONE 4 MONITORING WELL

WATER LEVELS COLLECTED SPRING 1987

N

0 1000 2000

Scale In Feet

Prepared for:
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For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

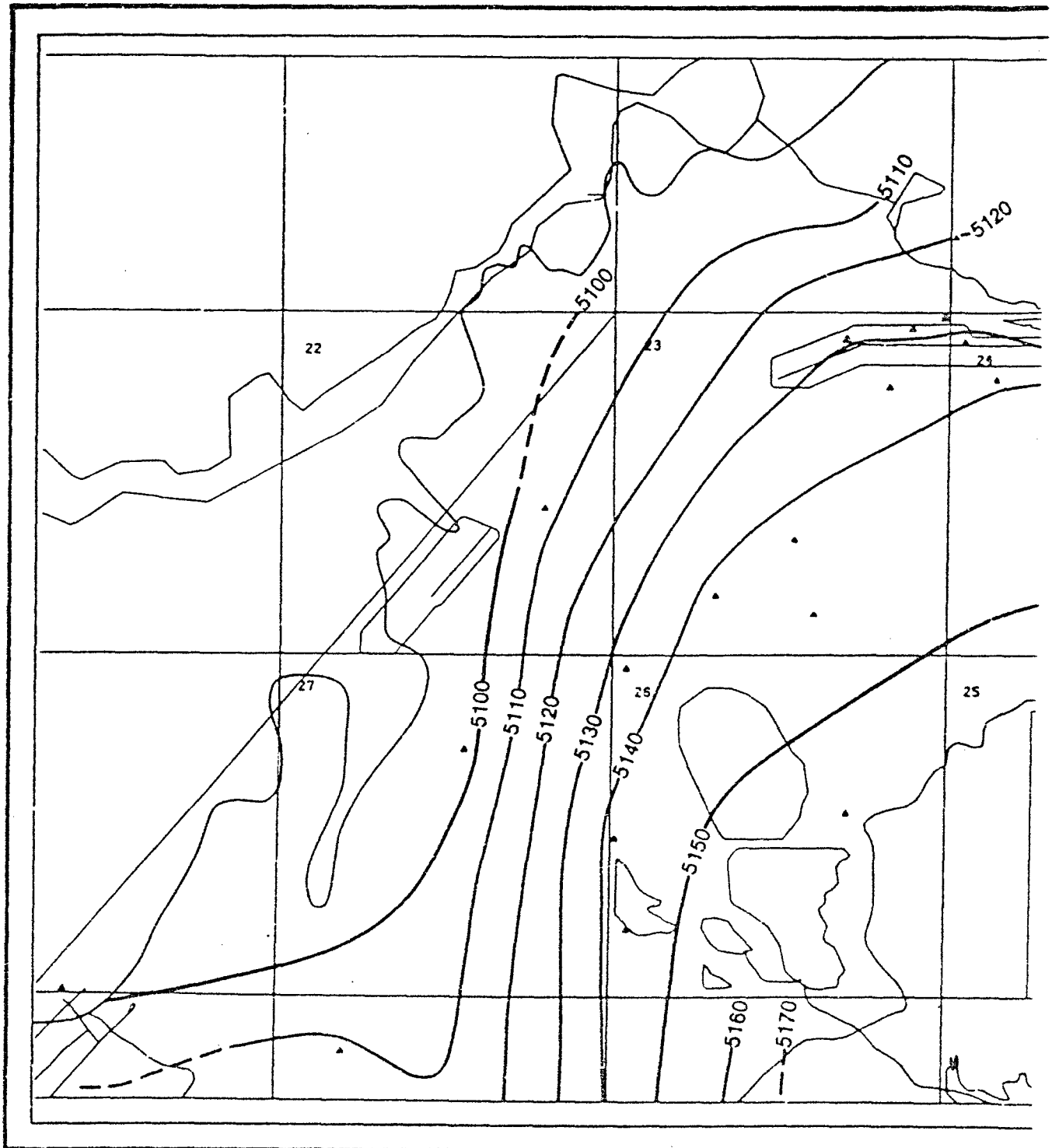
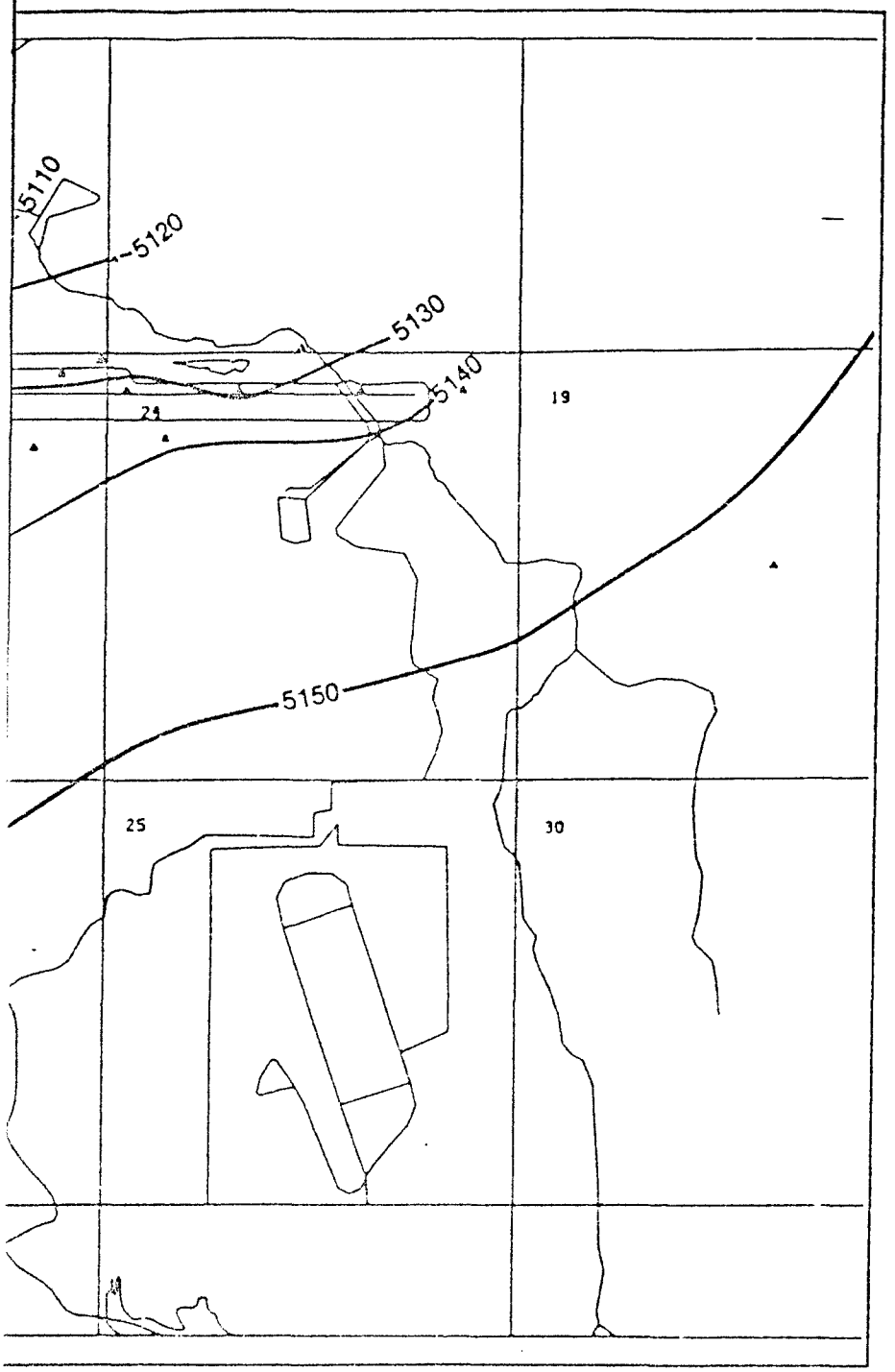


Figure B-31
POTENTIOMETRIC SURFACE, DENVER FORMATION SAND ZONE 3
3RD QUARTER FY87

SOURCE: ESE, 1988



EXPLANATION

5140 — POTENTIOMETRIC SURFACE CONTOUR INTERVAL

5140 - - POTENTIOMETRIC SURFACE CONTOUR INTERVAL INFERRED

▲ DENVER FORMATION SAND ZONE 3 MONITORING WELL

WATER LEVELS COLLECTED SPRING 1987

N

0 1000 2000

Scale In Feet

Prepared for:
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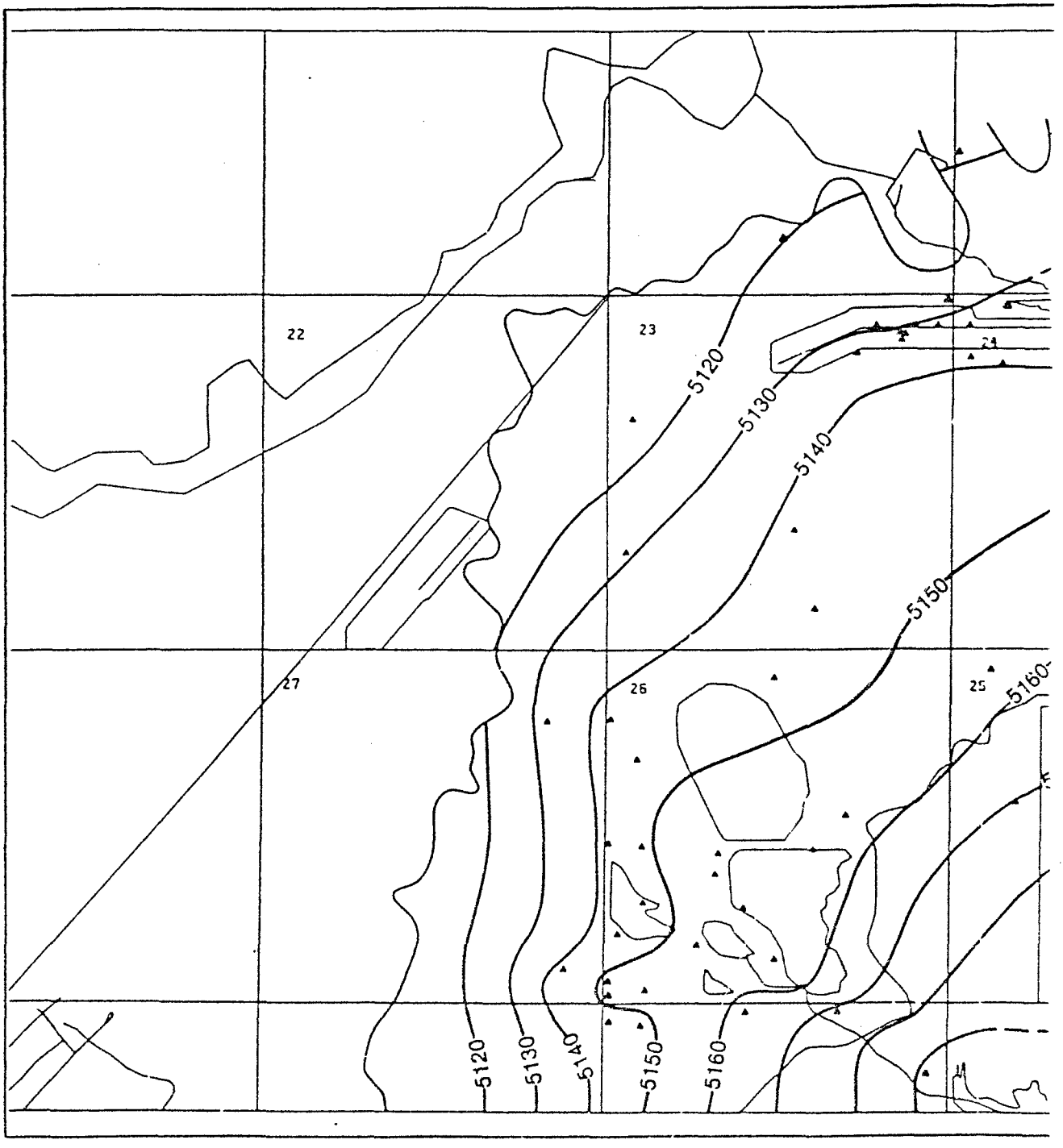
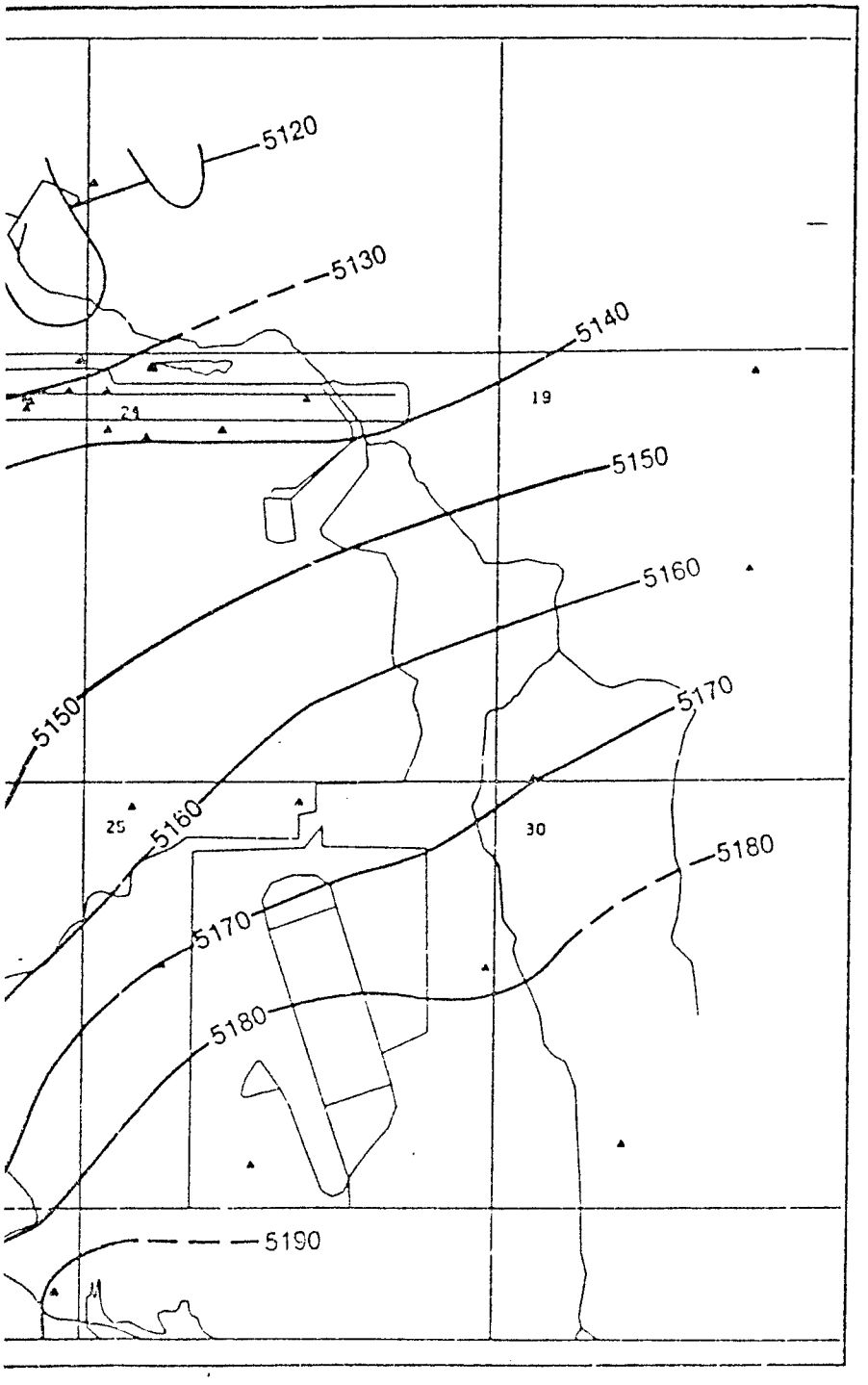


Figure B-32
POTENTIOMETRIC SURFACE, DENVER FORMATION SAND ZONE 2
3RD QUARTER FY87

SOURCE: ESE, 1988



EXPLANATION

5140 — POTENTIOMETRIC SURFACE CONTOUR INTERVAL

5140 - - POTENTIOMETRIC SURFACE CONTOUR INTERVAL INFERRED

▲ DENVER FORMATION SAND ZONE 2 MONITORING WELL

WATER LEVELS COLLECTED SPRING 1987

N

0 1000 2000

Scale In Feet

Prepared for:
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For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

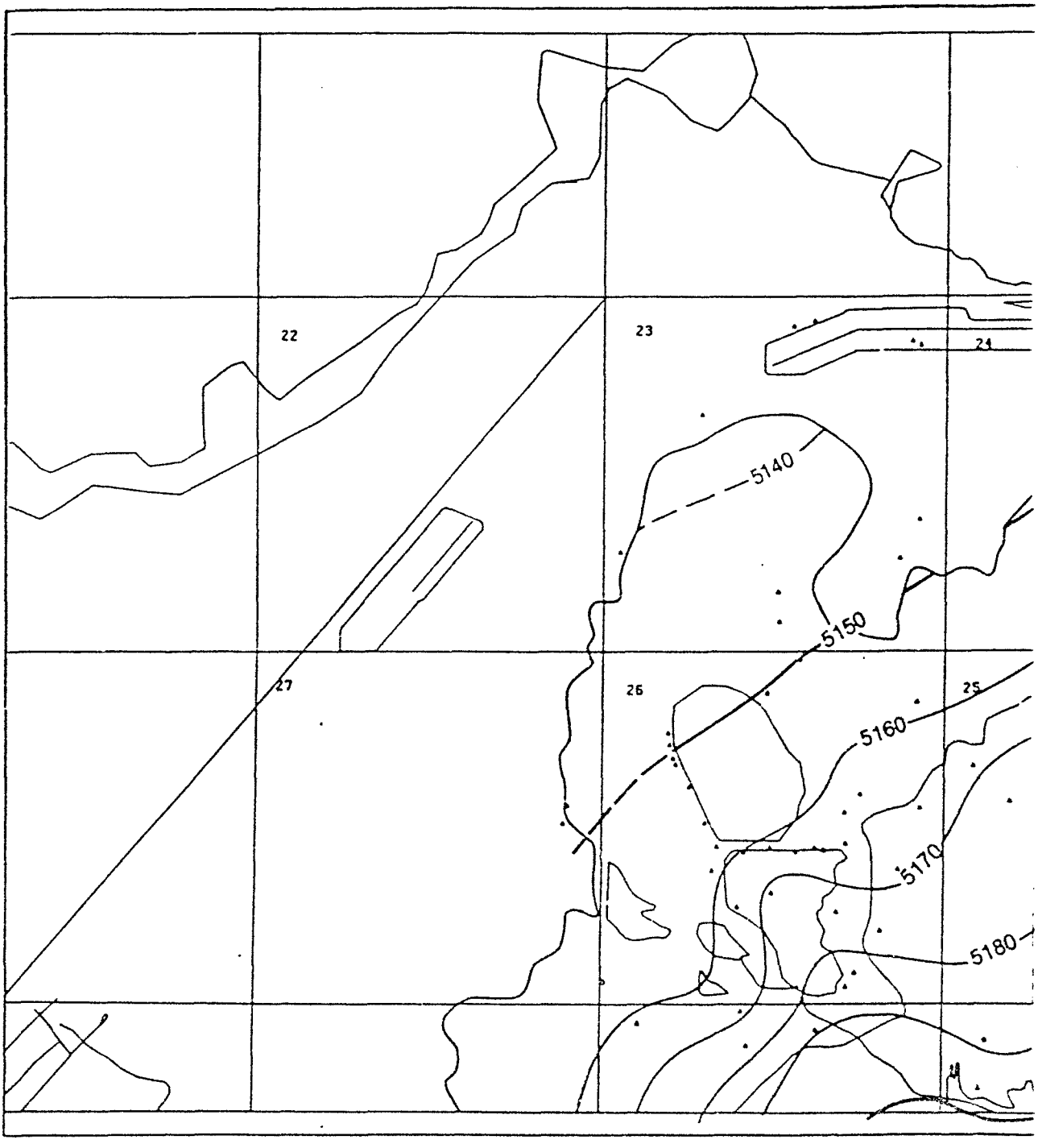
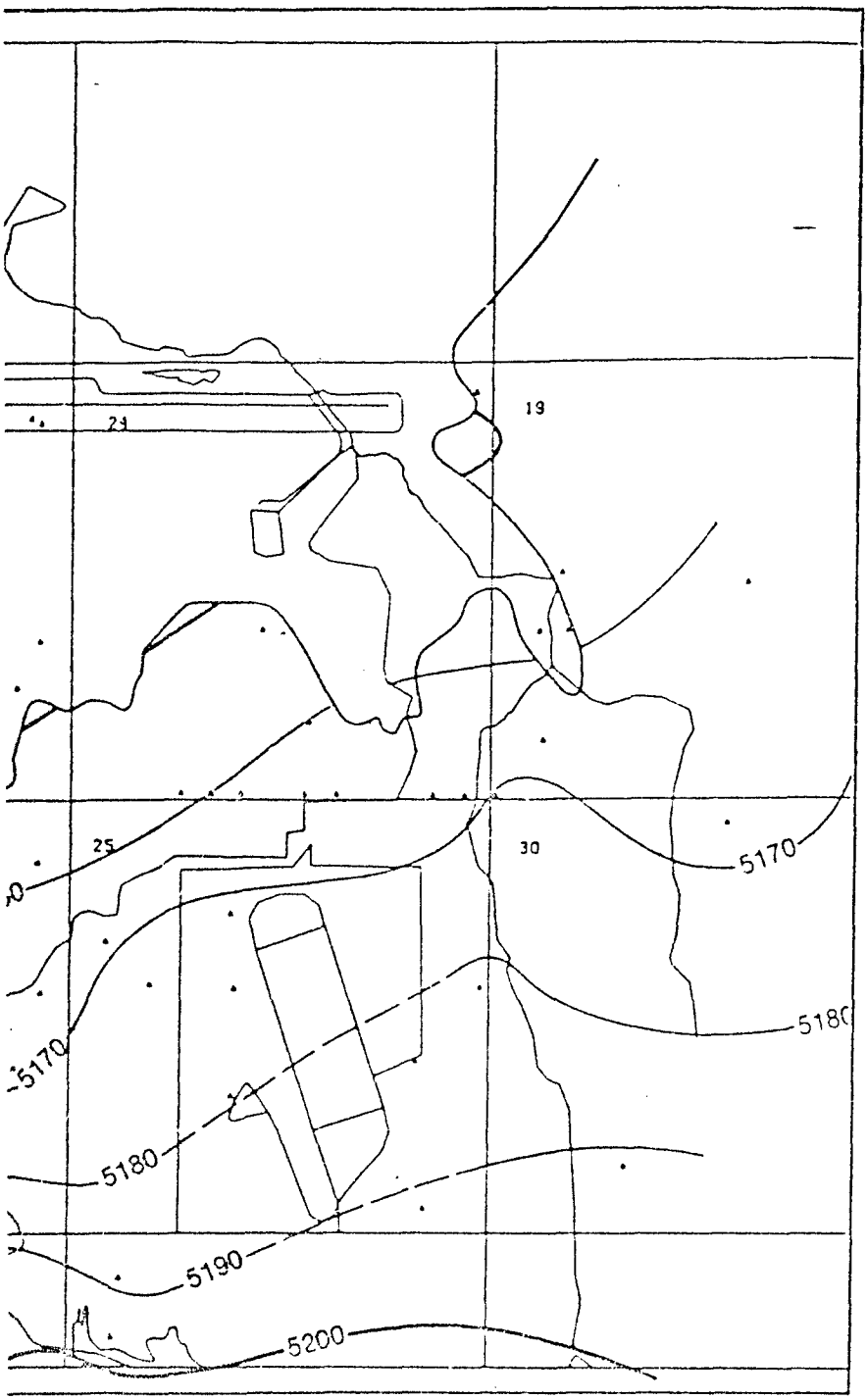


Figure B-33
POTENTIOMETRIC SURFACE, DENVER FORMATION SAND ZONE 1
THIRD QUARTER FY 1987

SOURCE:ESE,1988



EXPLANATION

5140 — POTENTIOMETRIC SURFACE CONTOUR INTERVAL

5140 - - POTENTIOMETRIC SURFACE CONTOUR INTERVAL INFERRED

▲ DENVER FORMATION SAND ZONE 1 MONITORING WELL

WATER LEVELS COLLECTED SPRING 1987

N

0 1000 2000

Scale In Feet

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

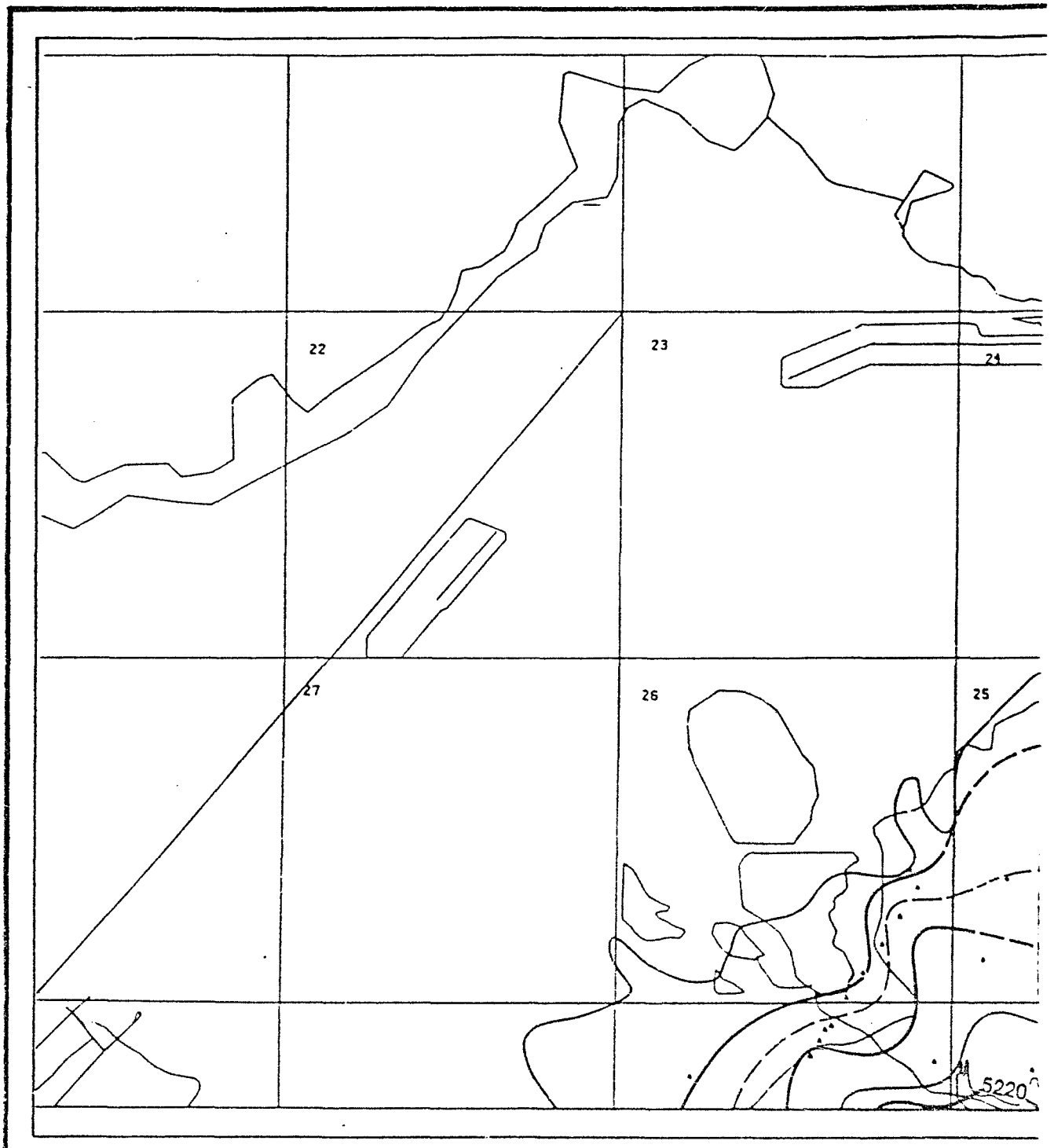
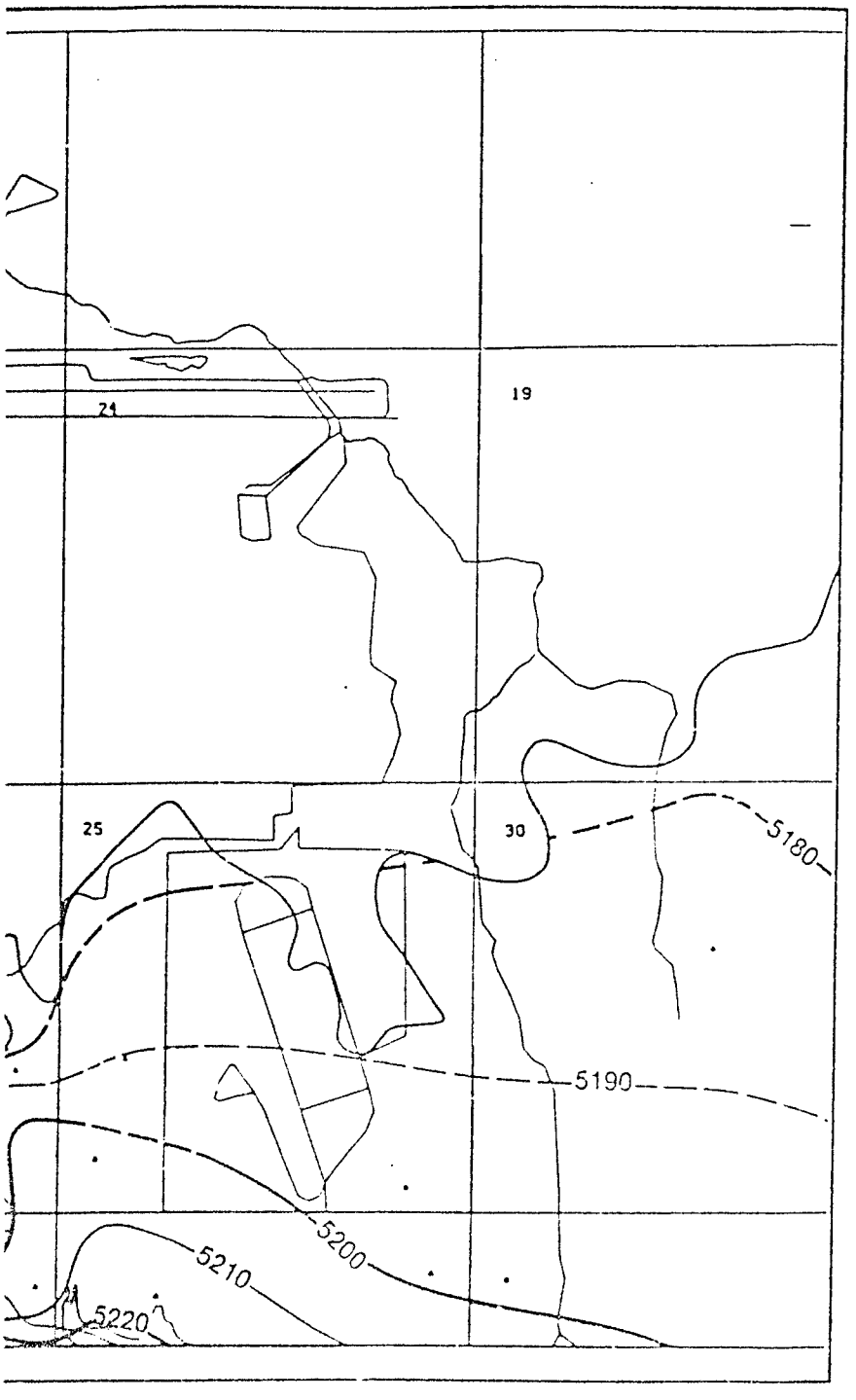


Figure B-34
POTENTIOMETRIC SURFACE, DENVER FORMATION SAND ZONE 1 U
THIRD QUARTER FY 1987

SOURCE: ESE, 1988



EXPLANATION

5140 — POTENTIOMETRIC SURFACE CONTOUR INTERVAL

5140 — POTENTIOMETRIC SURFACE CONTOUR INTERVAL INFERRED

▲ DENVER FORMATION SAND ZONE 1U MONITORING WELL

WATER LEVELS COLLECTED SPRING 1987

N

0 1000 2000

Scale In Feet

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

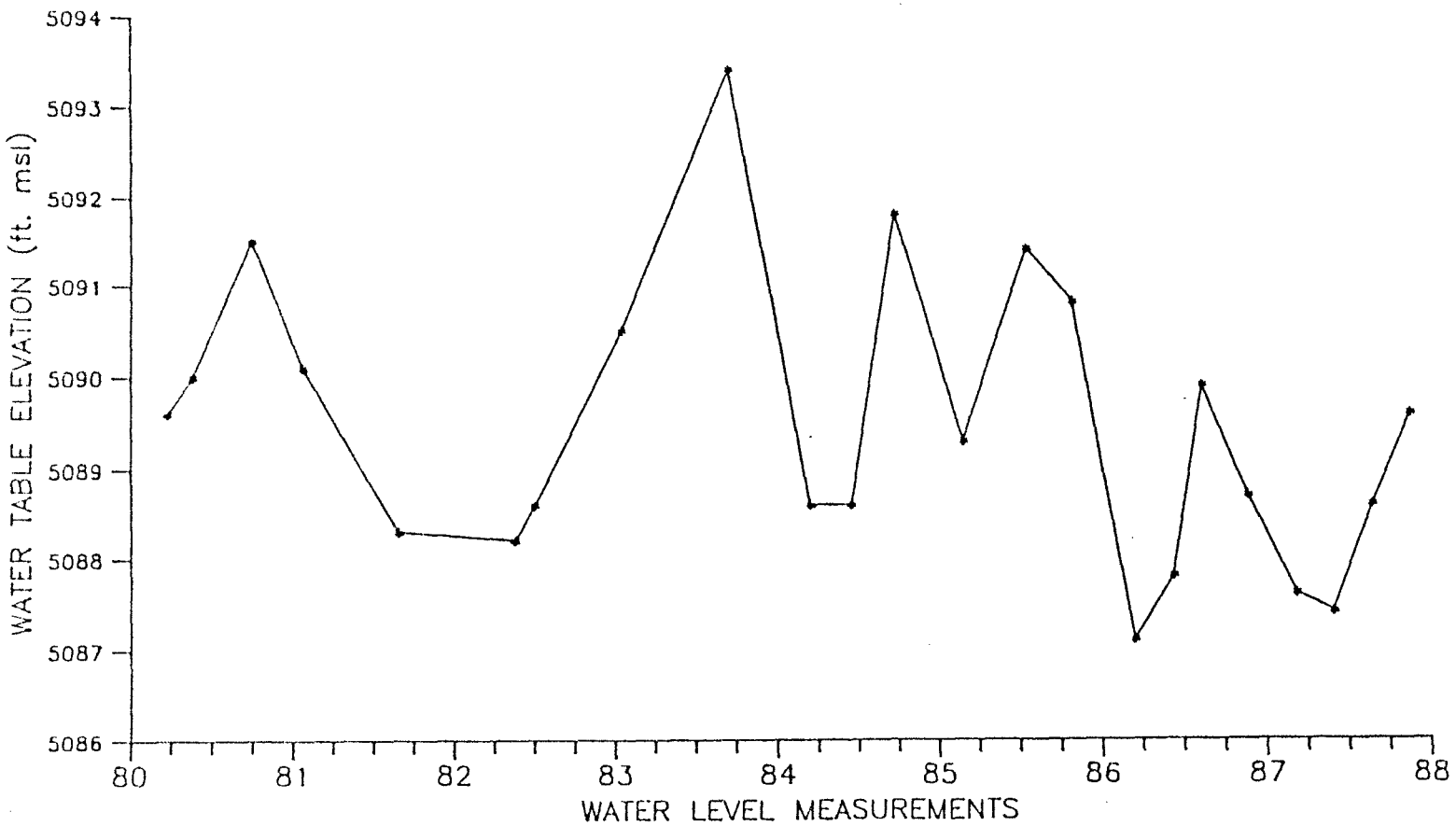


Figure B-35
HYDROGRAPH 1980-1988
WELL 22017

SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

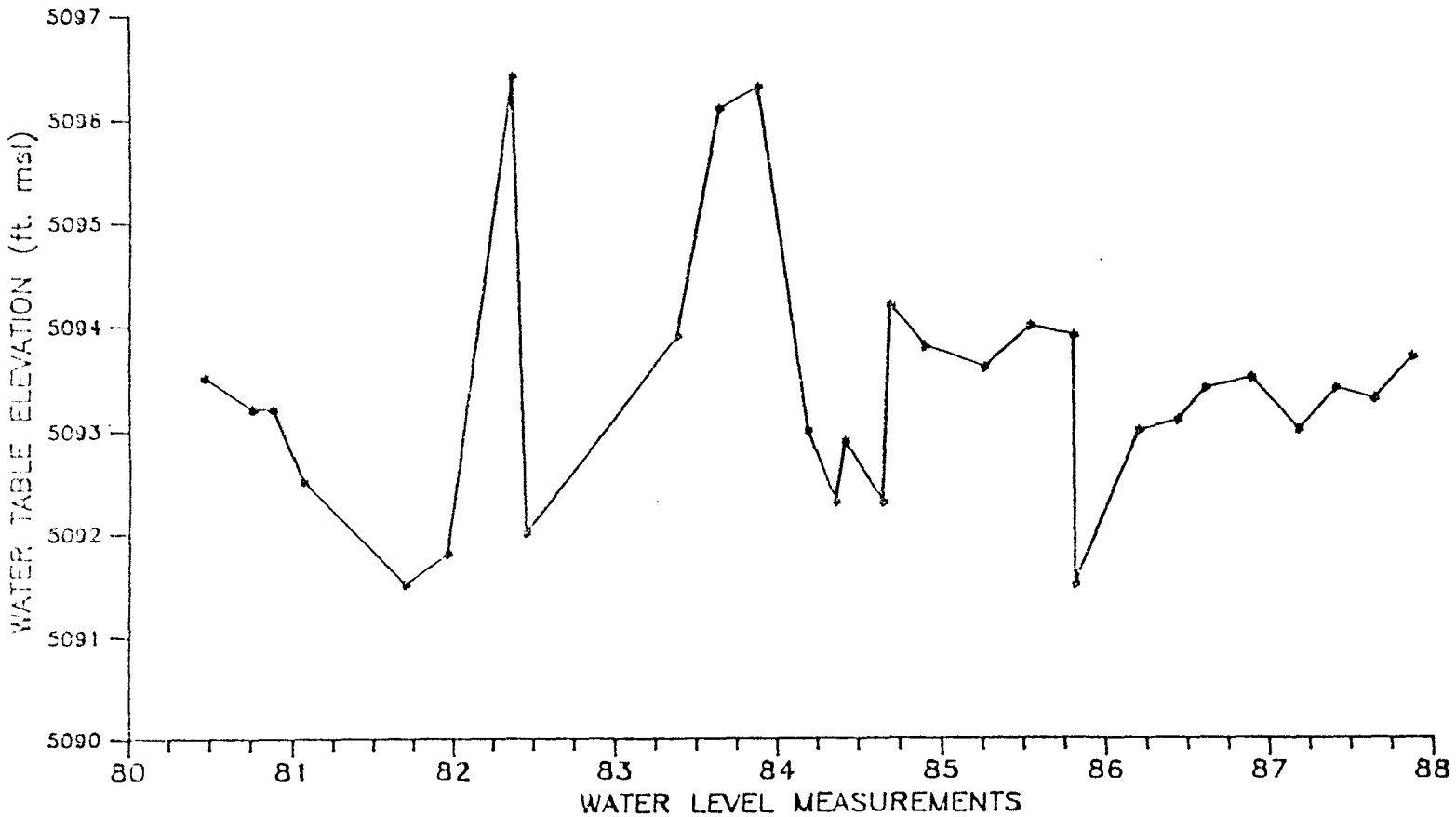


Figure B-36
HYDROGRAPH 1980-1988
WELL 22022

SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

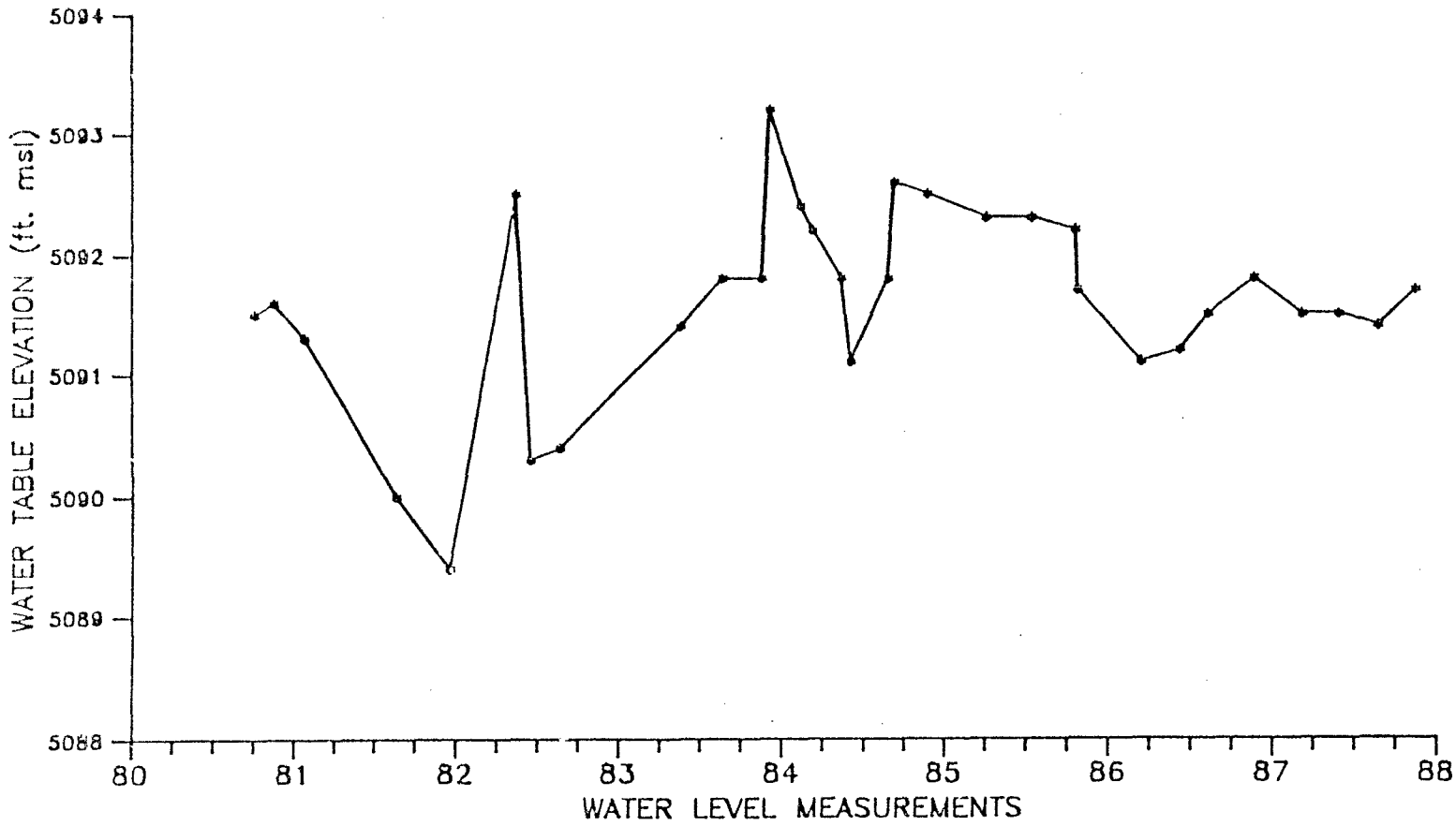


Figure B-37
HYDROGRAPH 1980-1988
WELL 22023
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

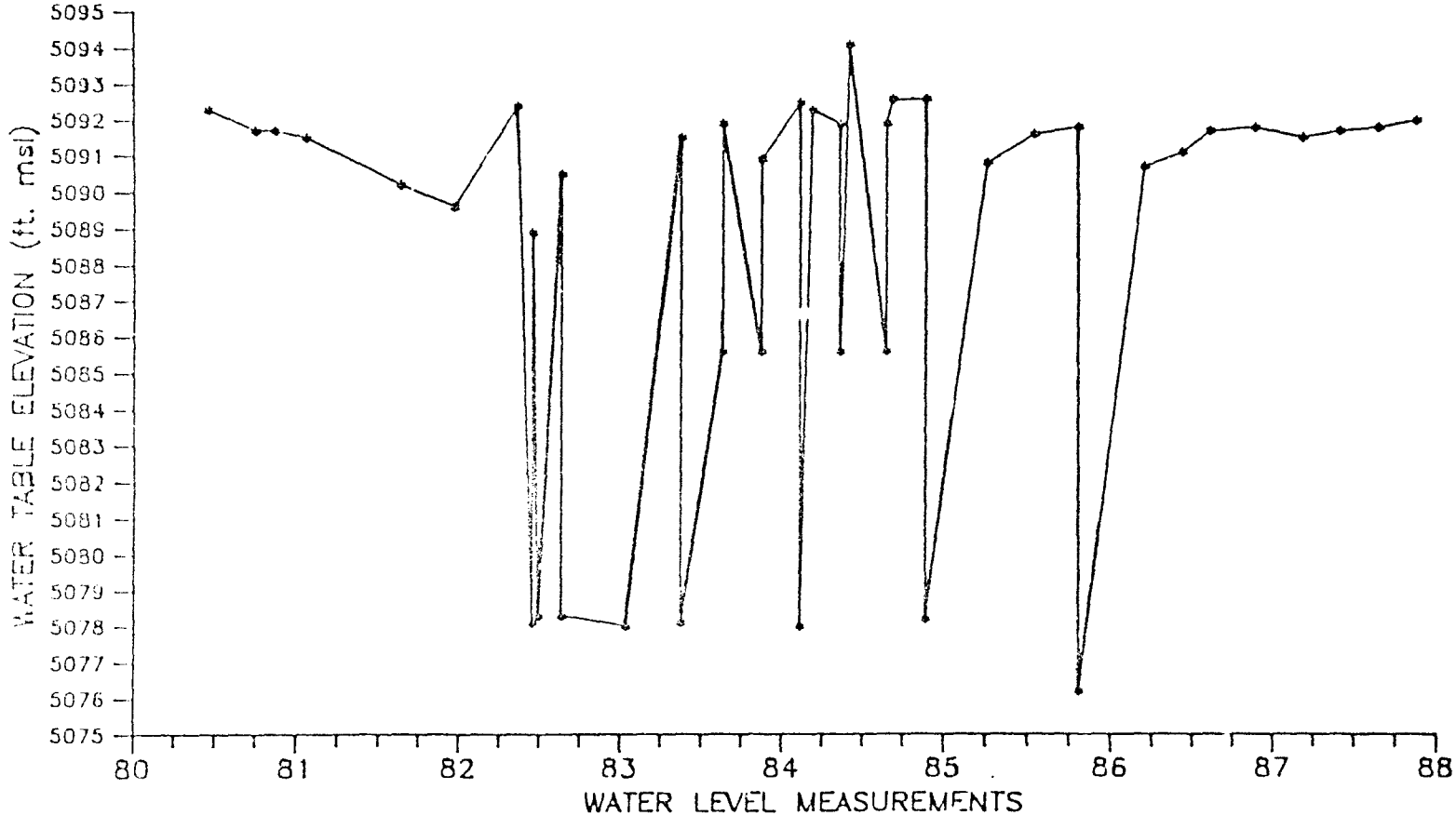


Figure B-38
HYDROGRAPH 1980-1988
WELL 22024

SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

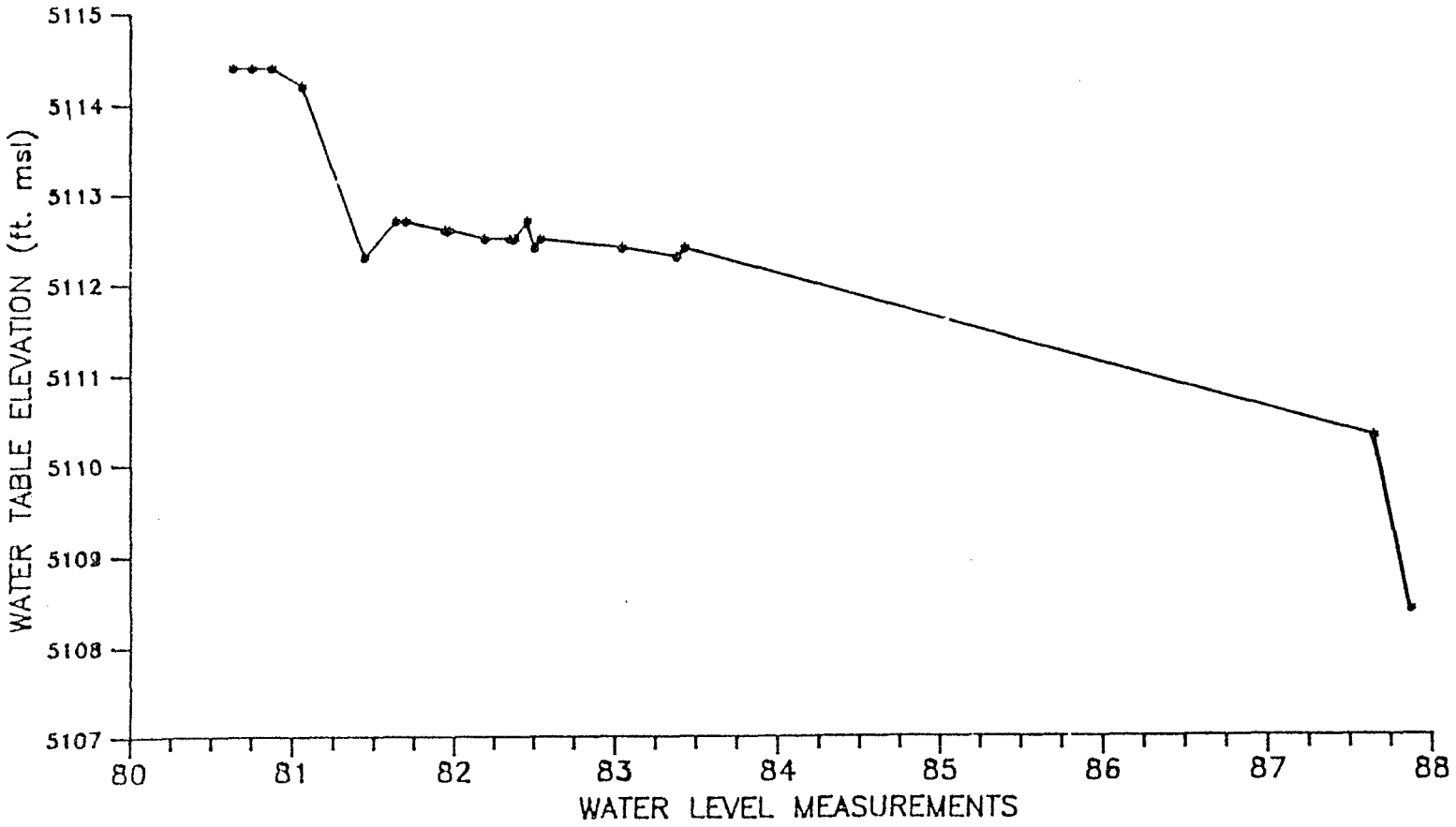


Figure B-39
HYDROGRAPH 1980-1988
WELL 22029

SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

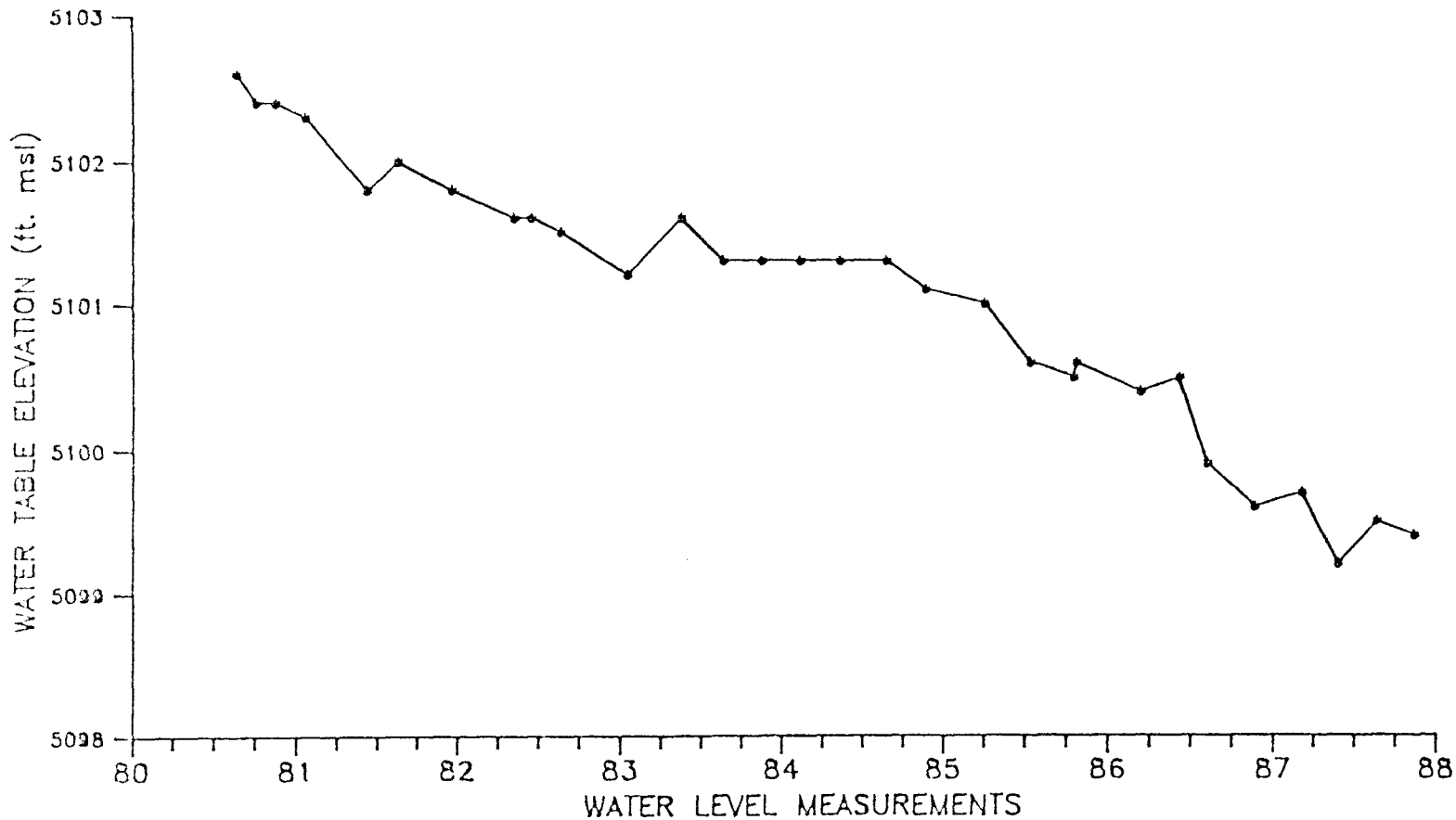


Figure B-40
HYDROGRAPH 1980-1988
WELL 22030
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

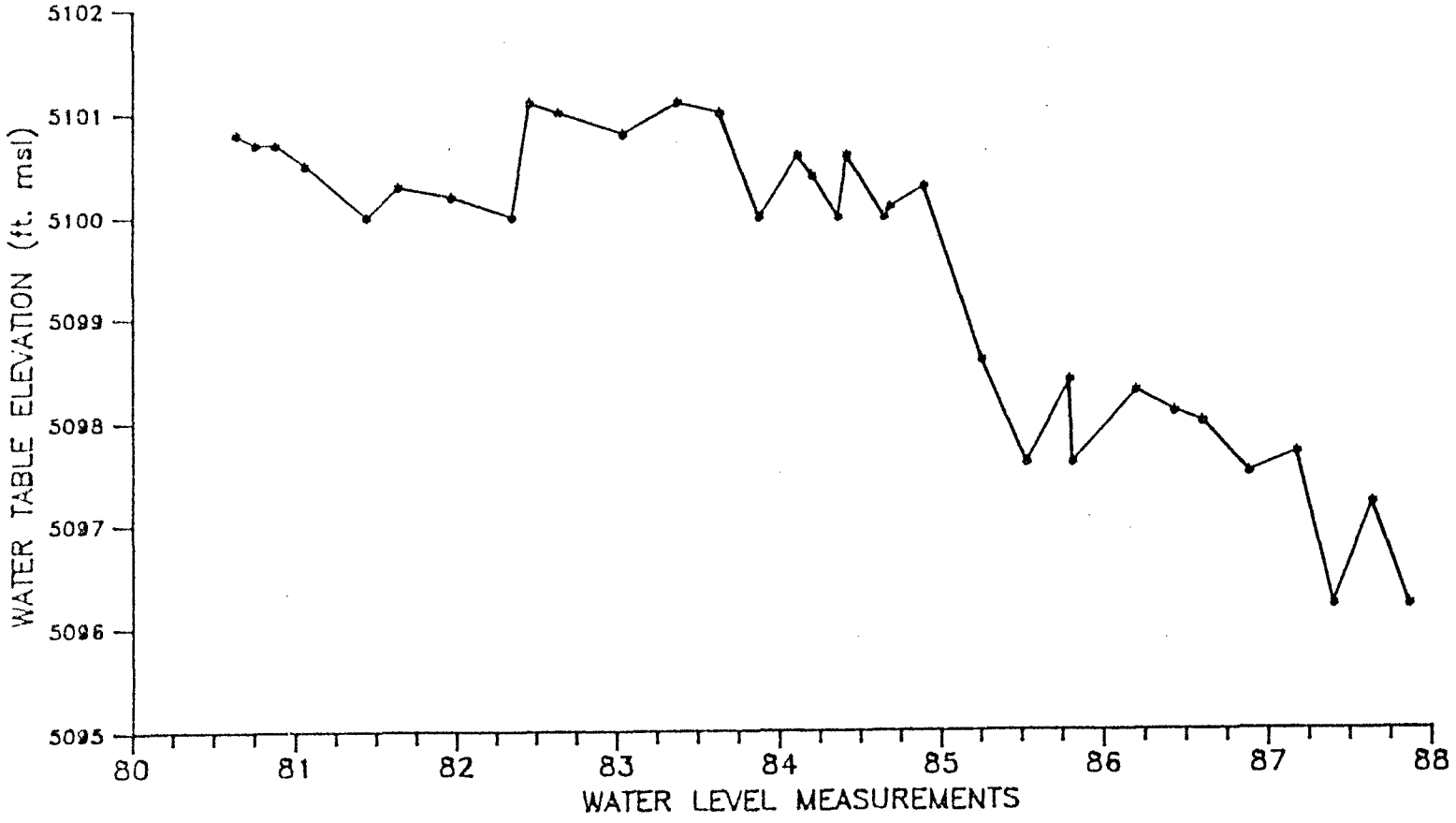


Figure B-41
HYDROGRAPH 1980-1988
WELL 22031

SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

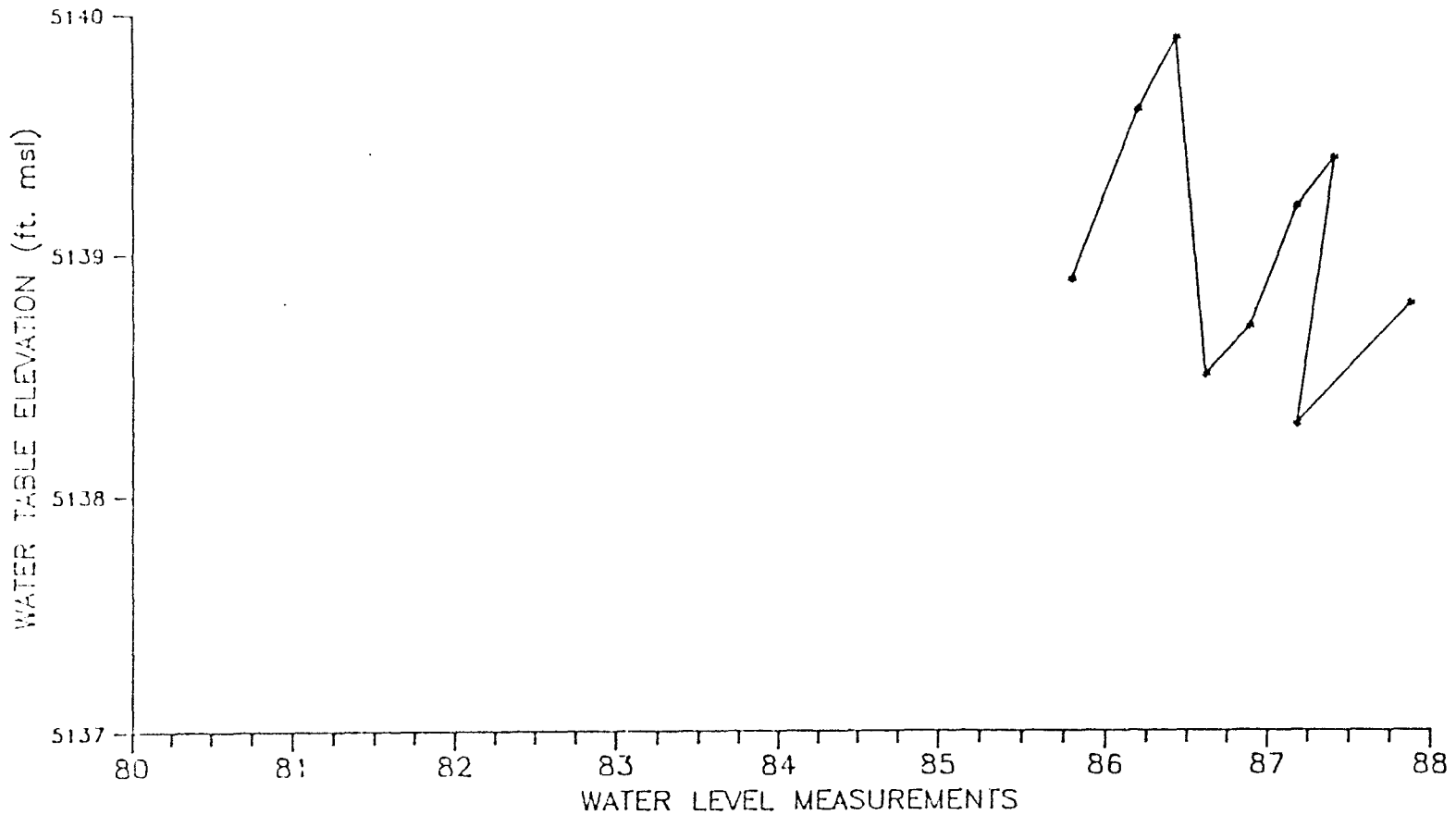


Figure B-42
HYDROGRAPH 1980-1988
WELL 22119

SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

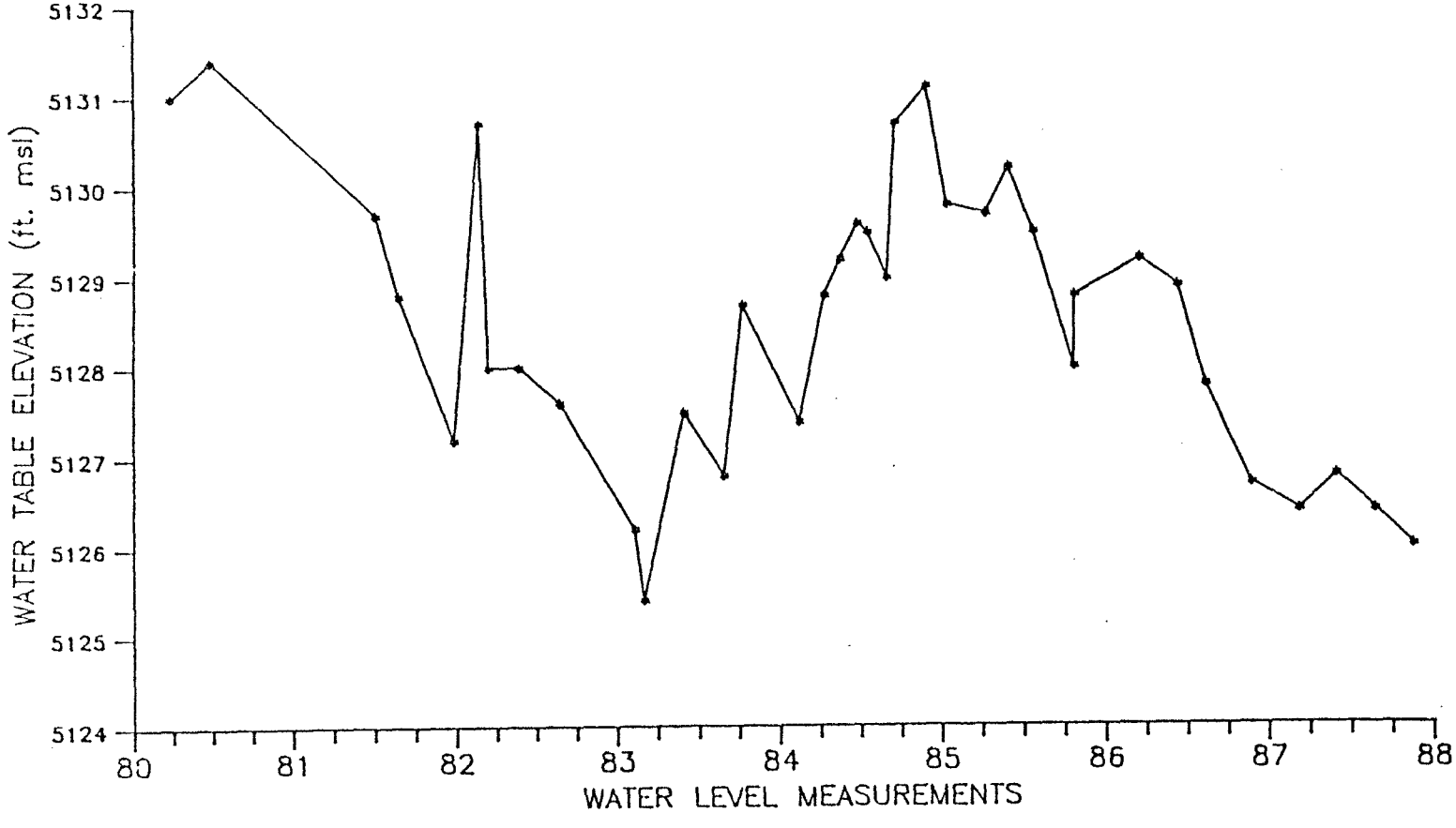


Figure B-43
HYDROGRAPH 1980-1988
WELL 23047

SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

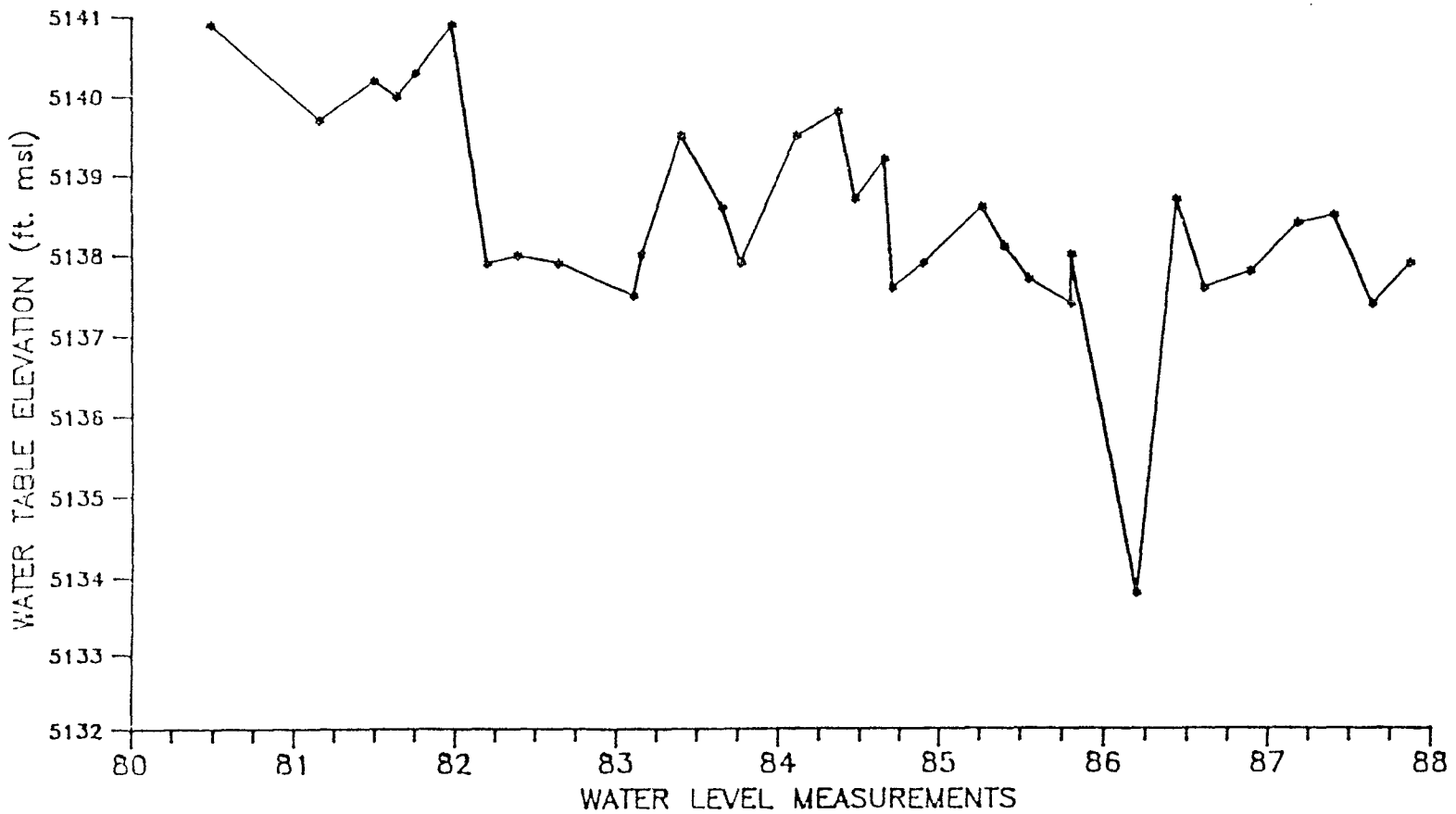


Figure B-44
HYDROGRAPH 1980-1988
WELL 23118

SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

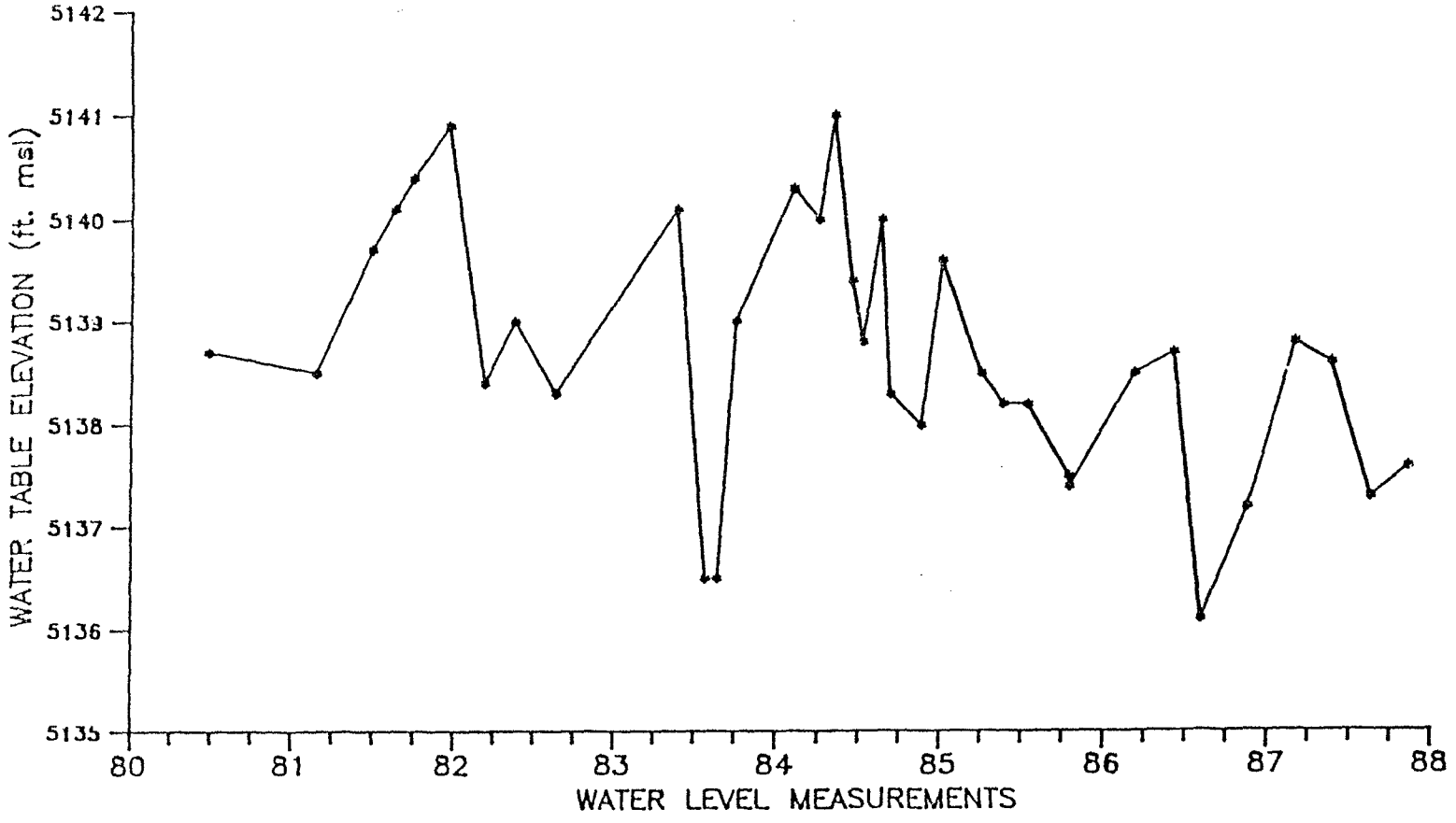


Figure B-45
HYDROGRAPH 1980-1988
WELL 23120

SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

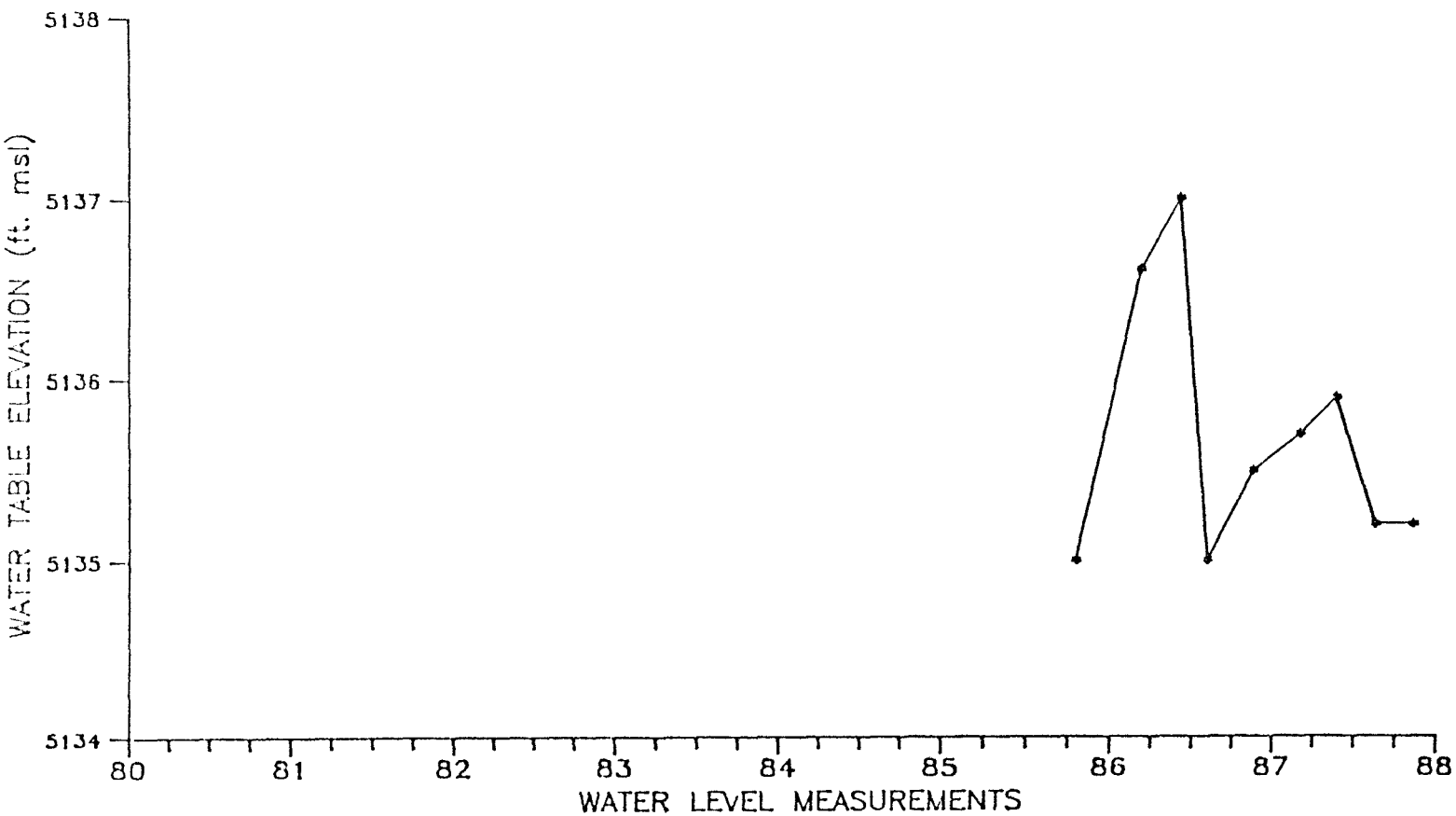


Figure B-46
HYDROGRAPH 1980-1988
WELL 23176

SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

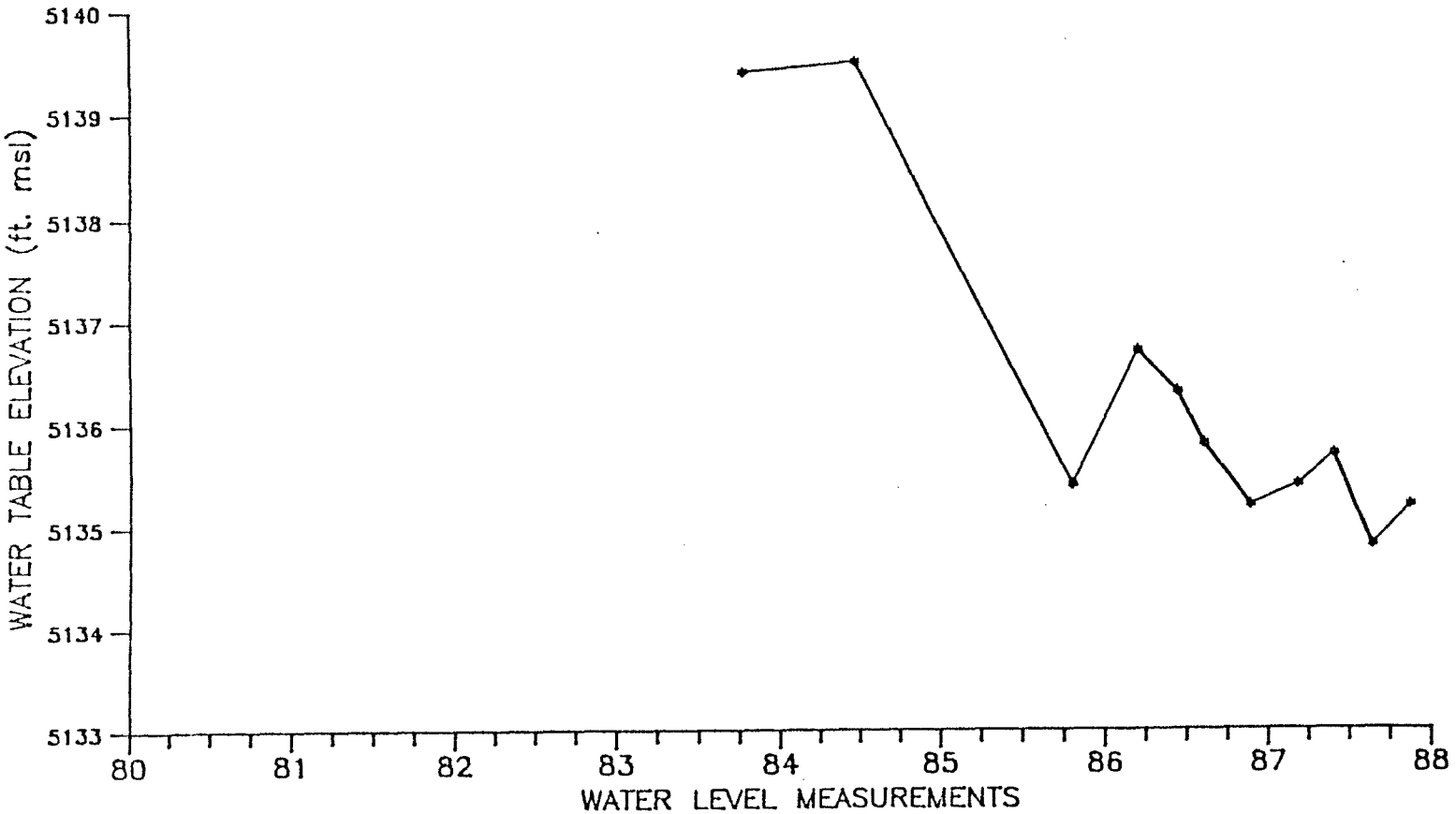


Figure B-47
HYDROGRAPH 1980-1988
WELL 23177

SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

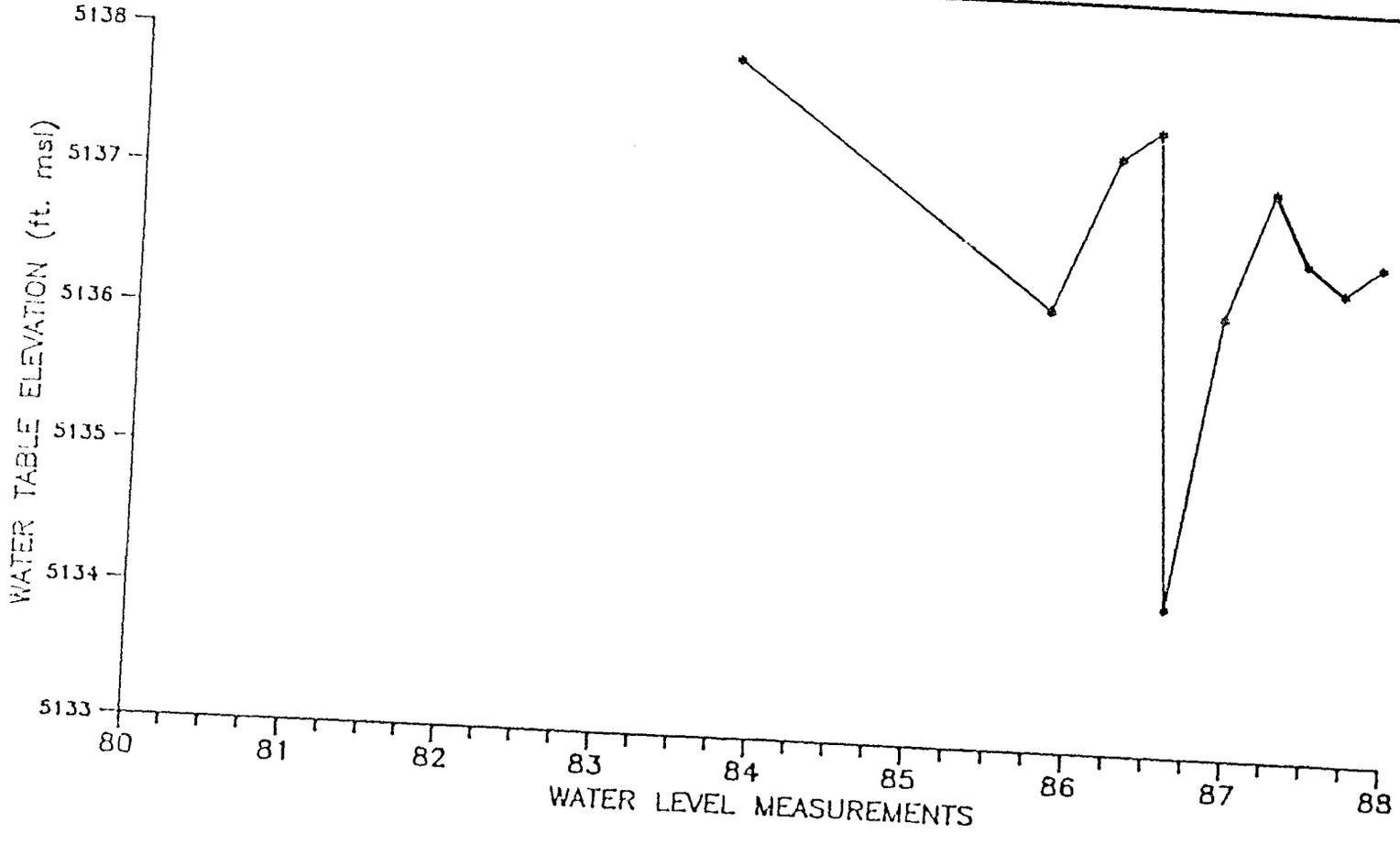


Figure B-48
HYDROGRAPH 1980-1988
WELL 23178

SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

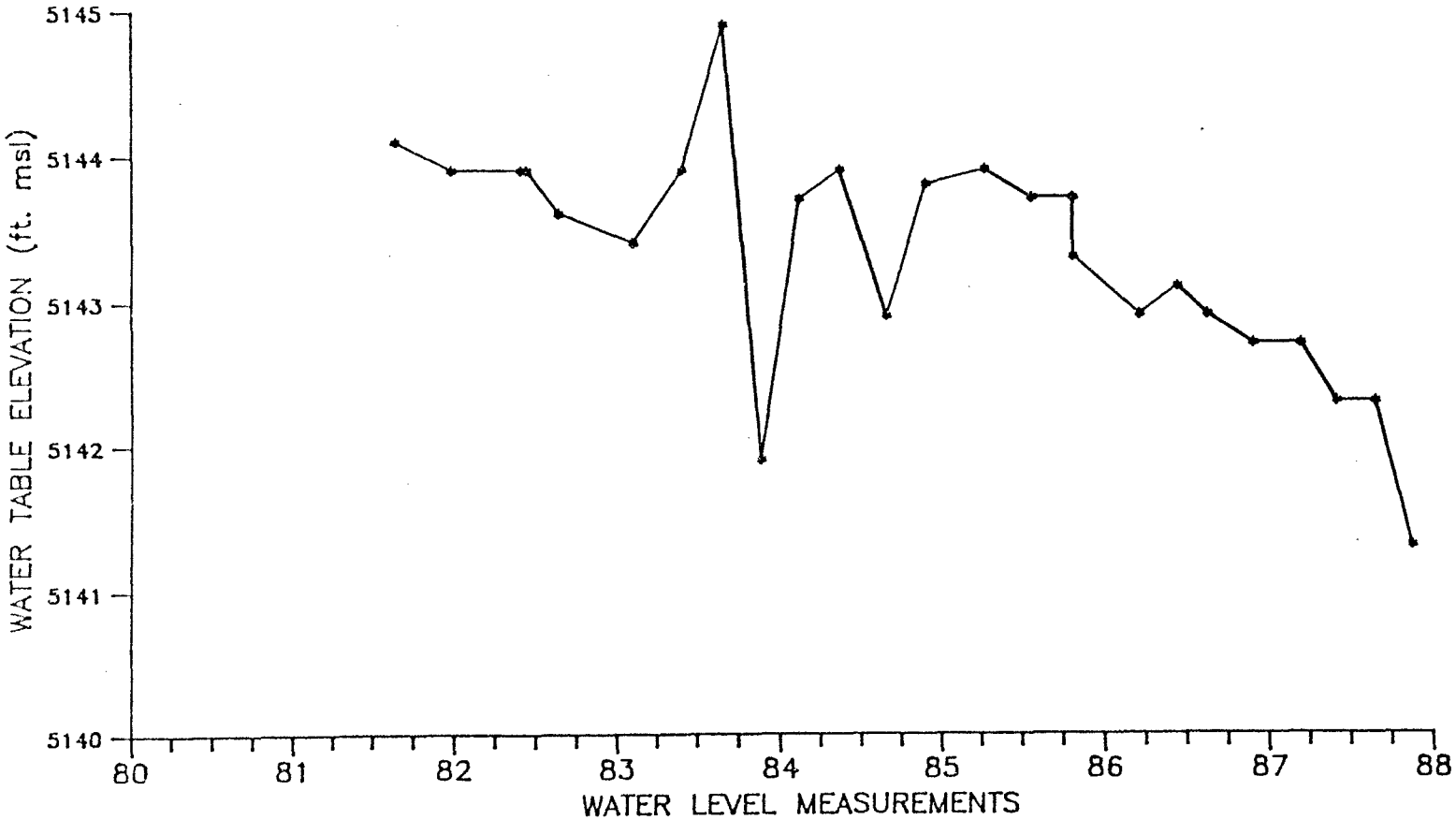


Figure B-49
HYDROGRAPH 1980-1988
WELL 23181

SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

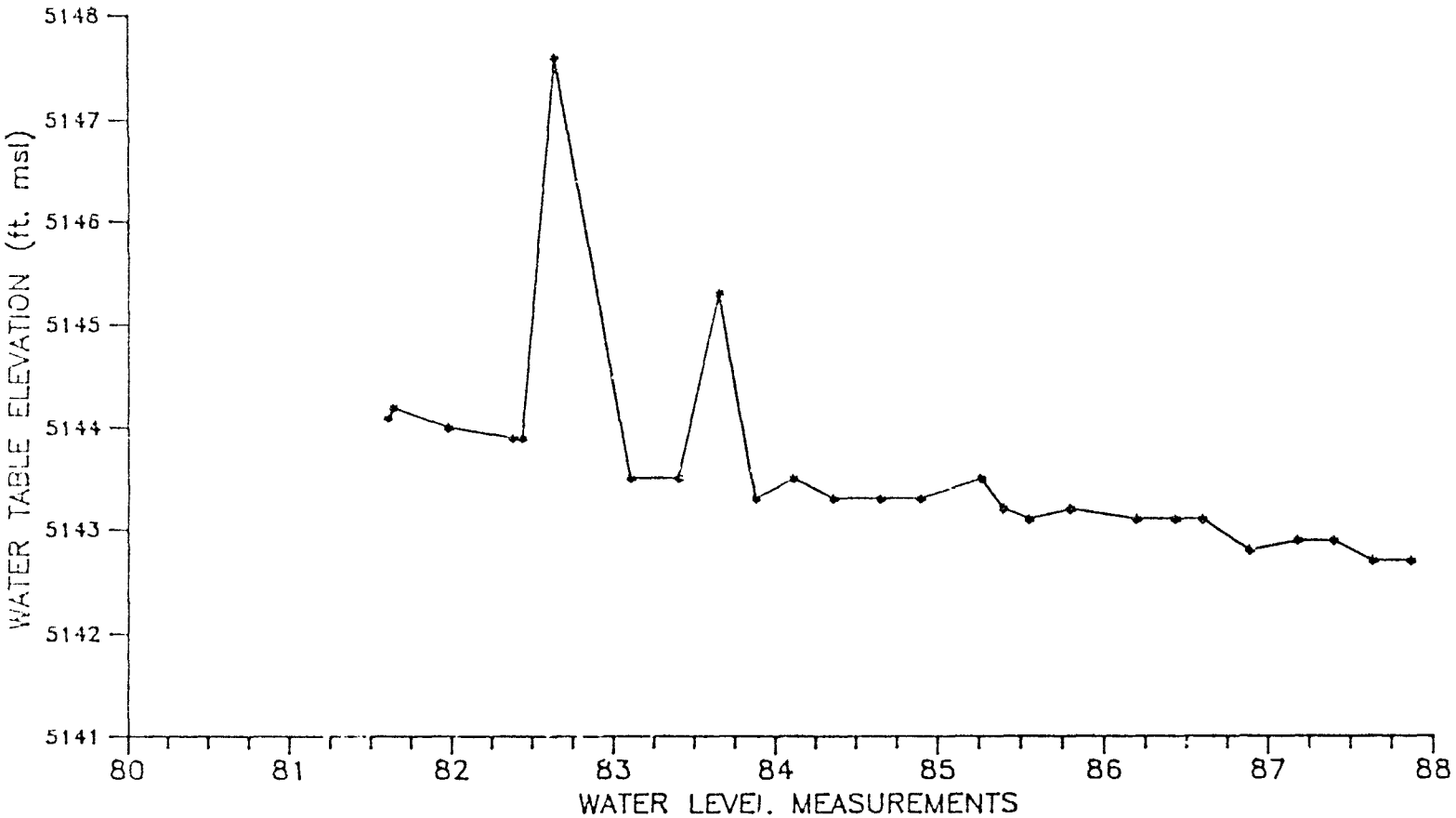


Figure B-50
HYDROGRAPH 1980-1988
WELL 23185

SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

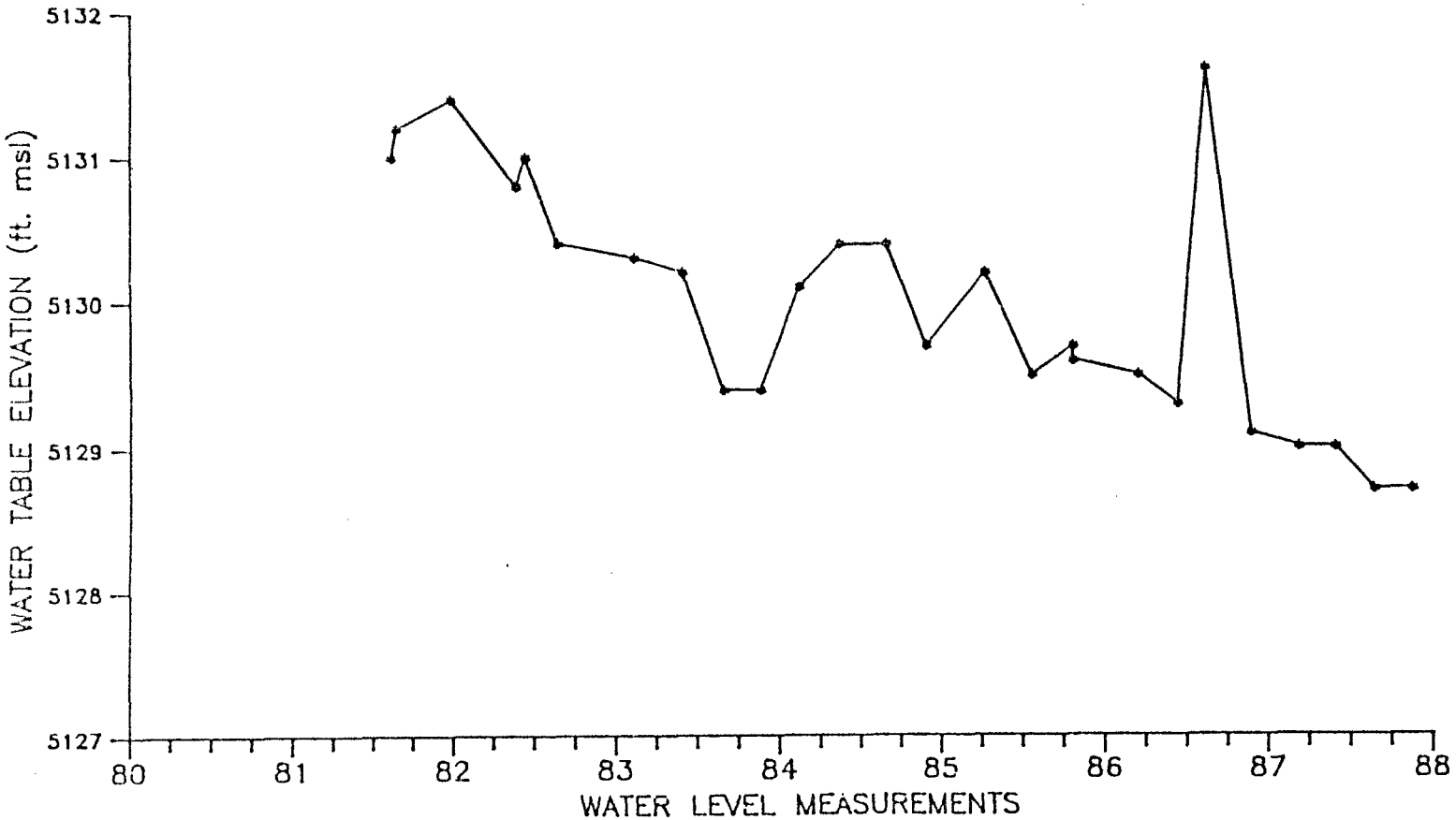


Figure B-51
HYDROGRAPH 1980-1988
WELL 23186

SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

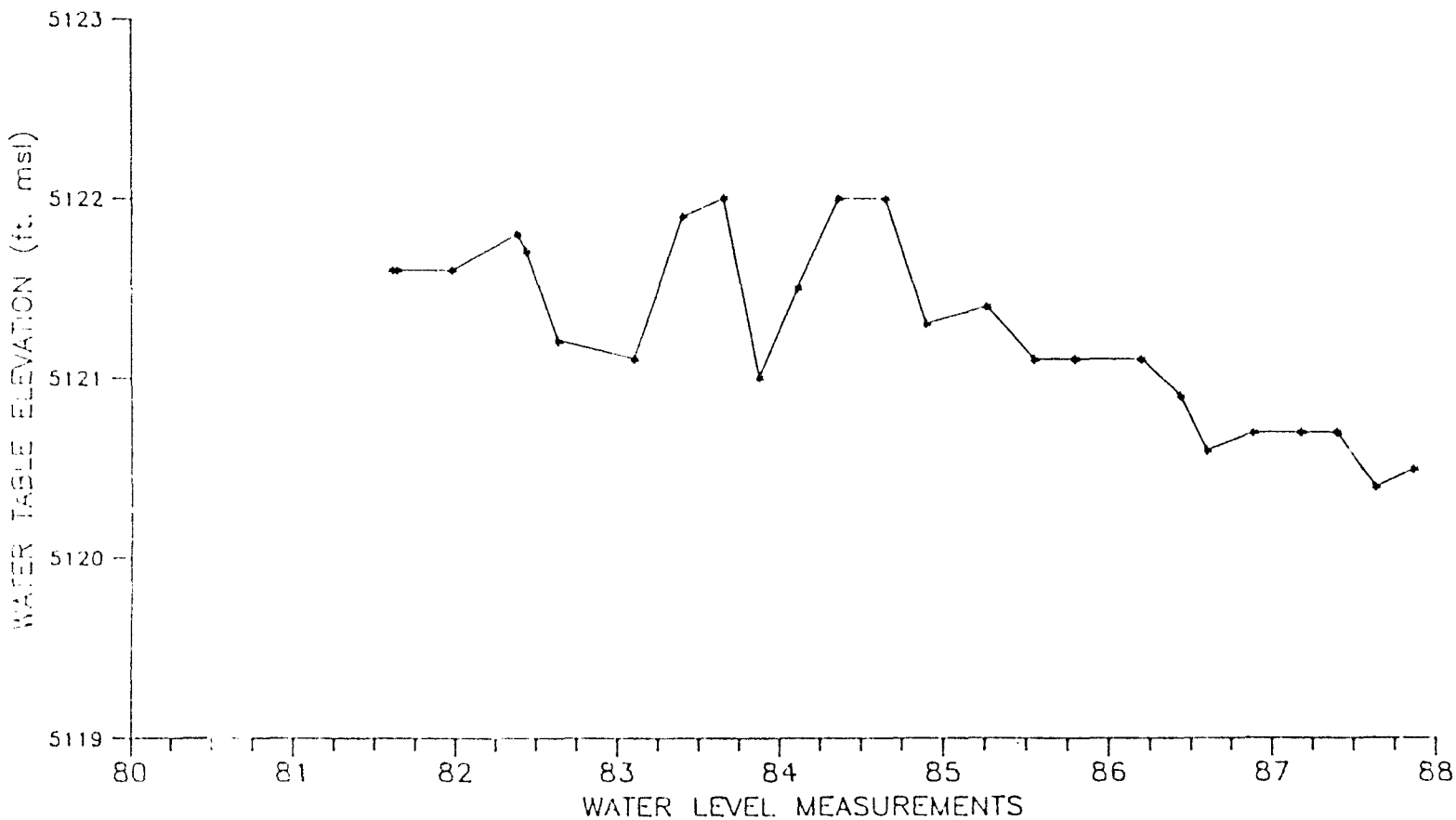


Figure B-52
HYDROGRAPH 1980-1988
WELL 23187

SOURCE ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

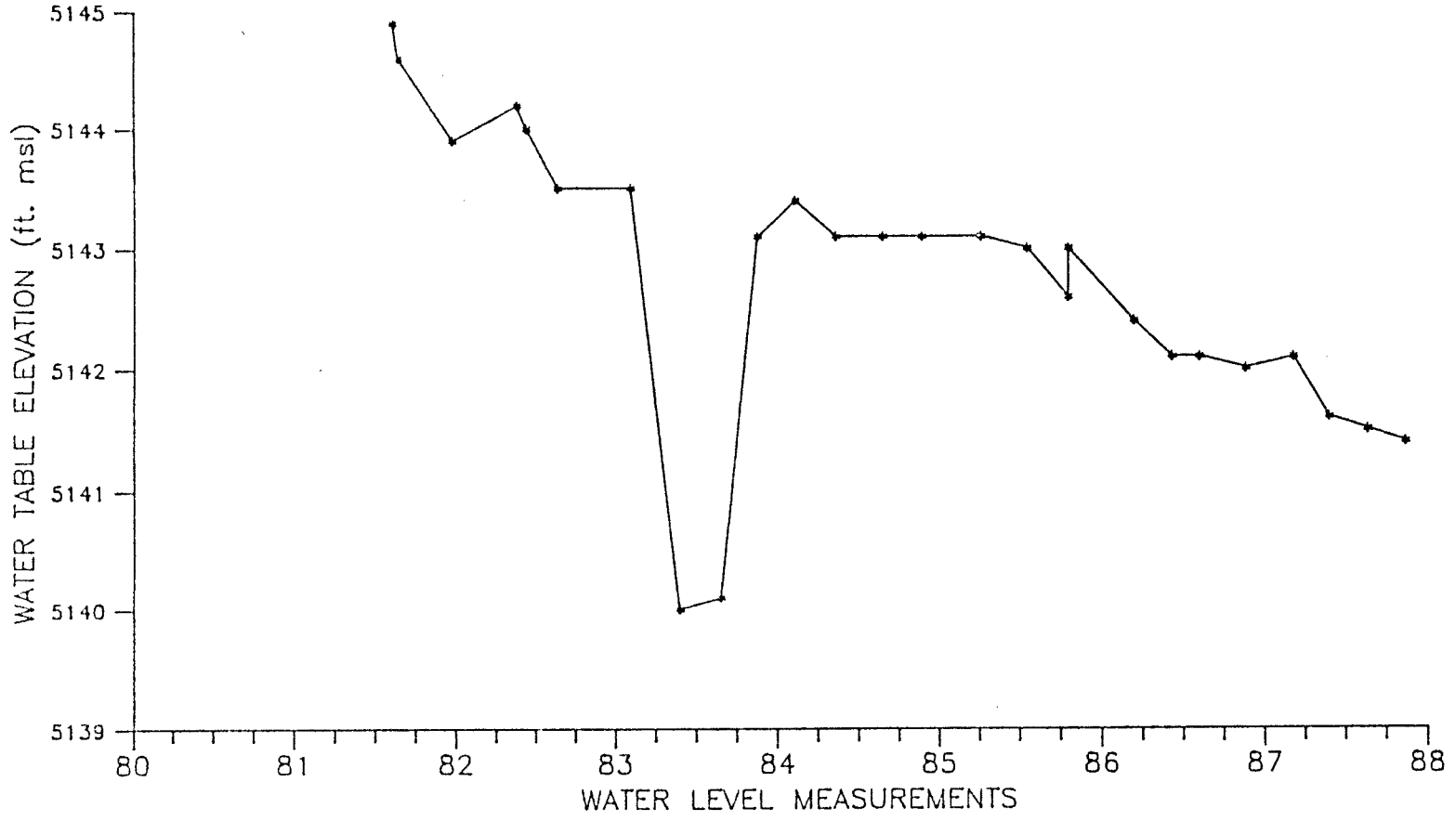


Figure B-53
HYDROGRAPH 1980-1988
WELL 23192

SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

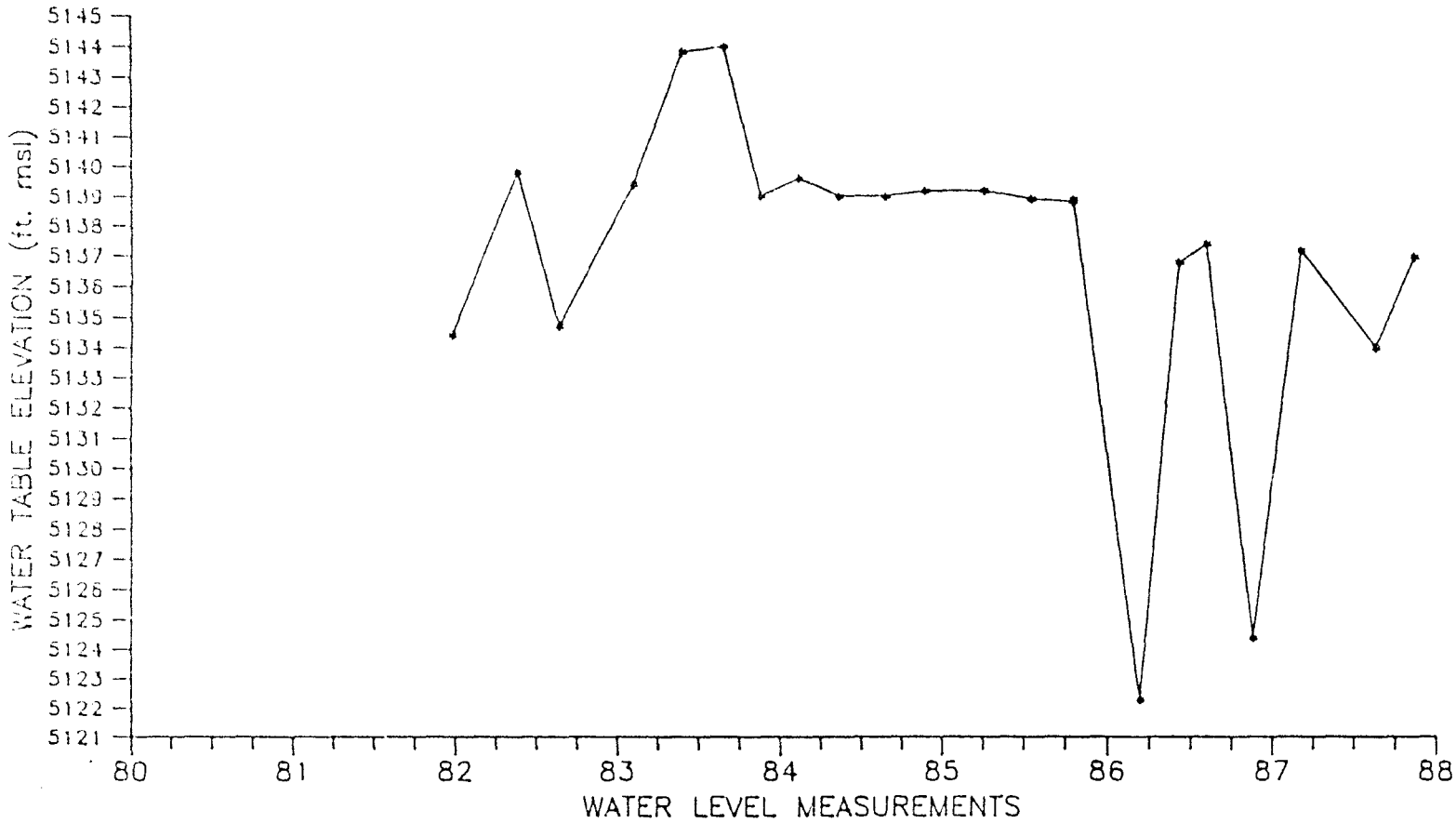


Figure 8-54
HYDROGRAPH 1980-1988
WELL 23193

SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

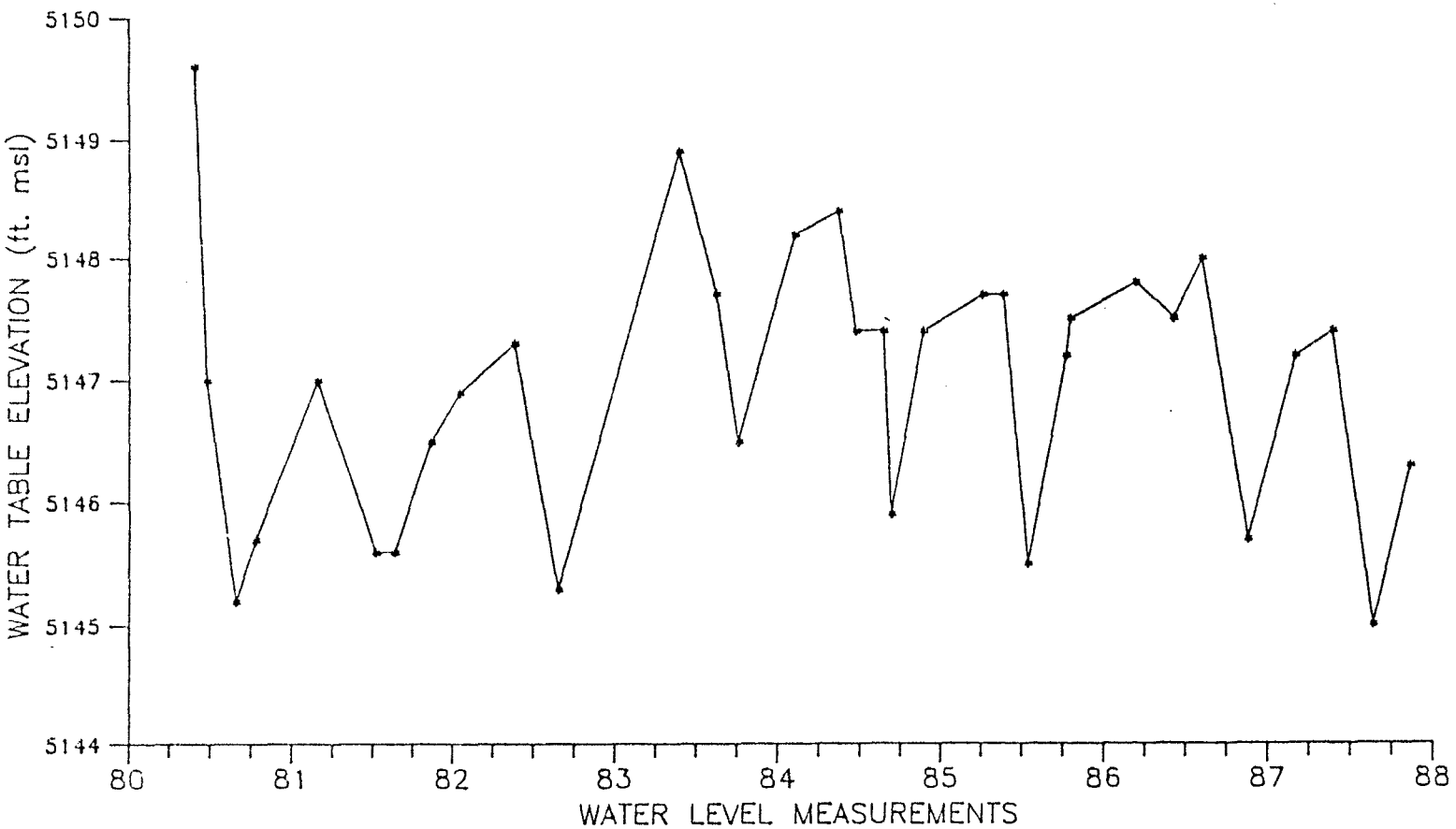


Figure B-55
HYDROGRAPH 1980-1988
WELL 24003
SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

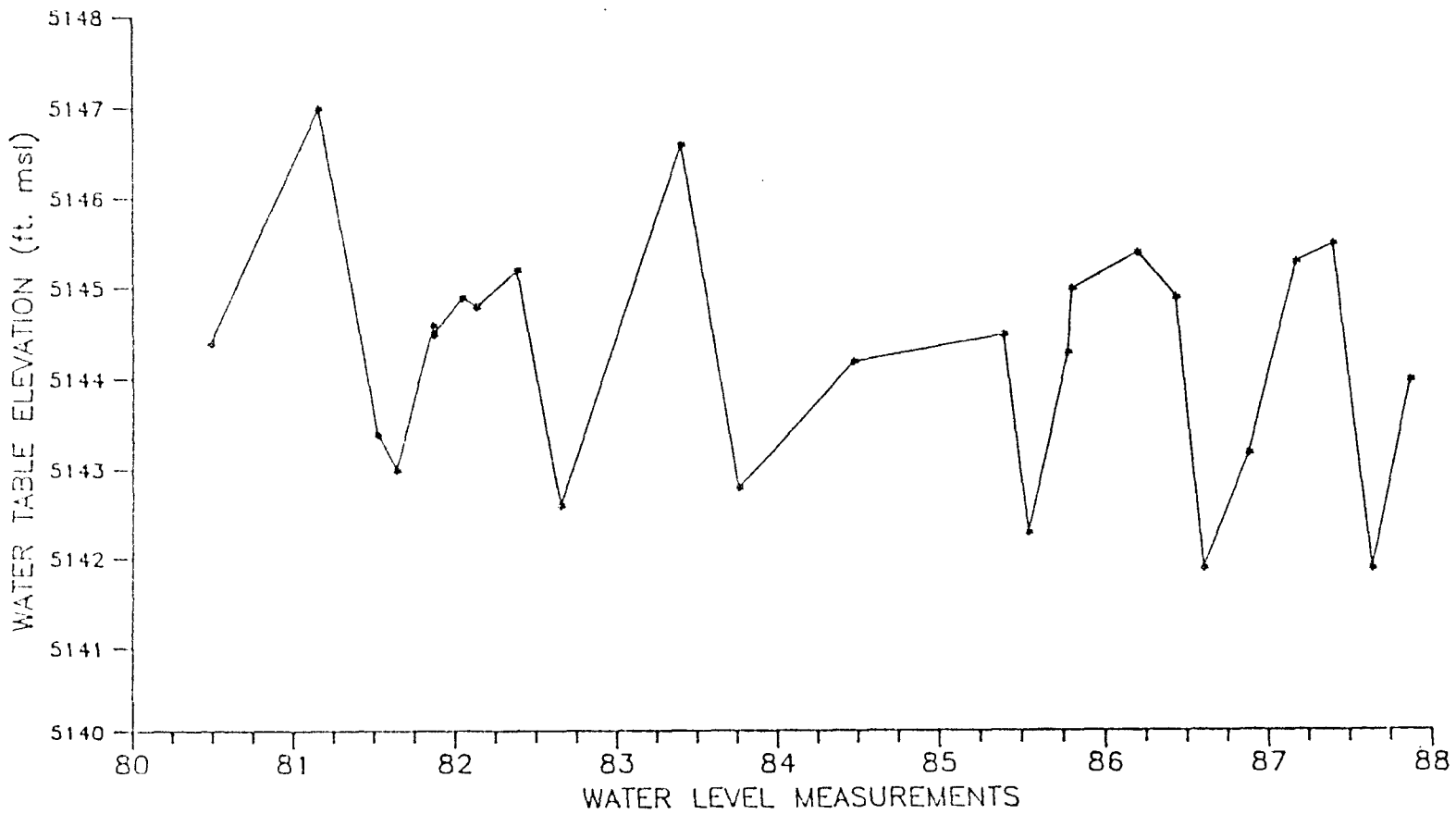


Figure B-56
HYDROGRAPH 1980-1988
WELL 24106

SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

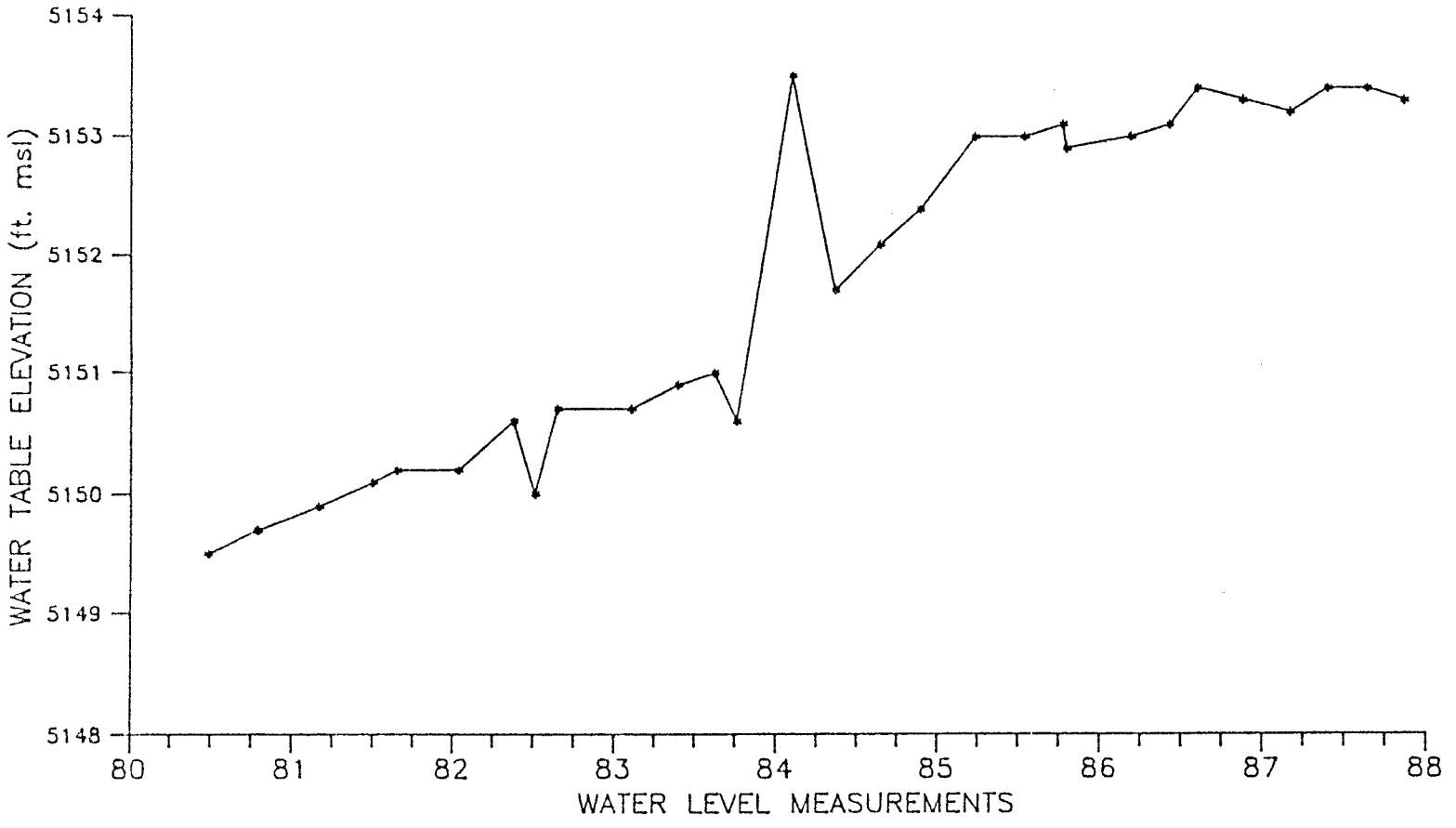


Figure B-57
HYDROGRAPH 1980-1988
WELL 24108

SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

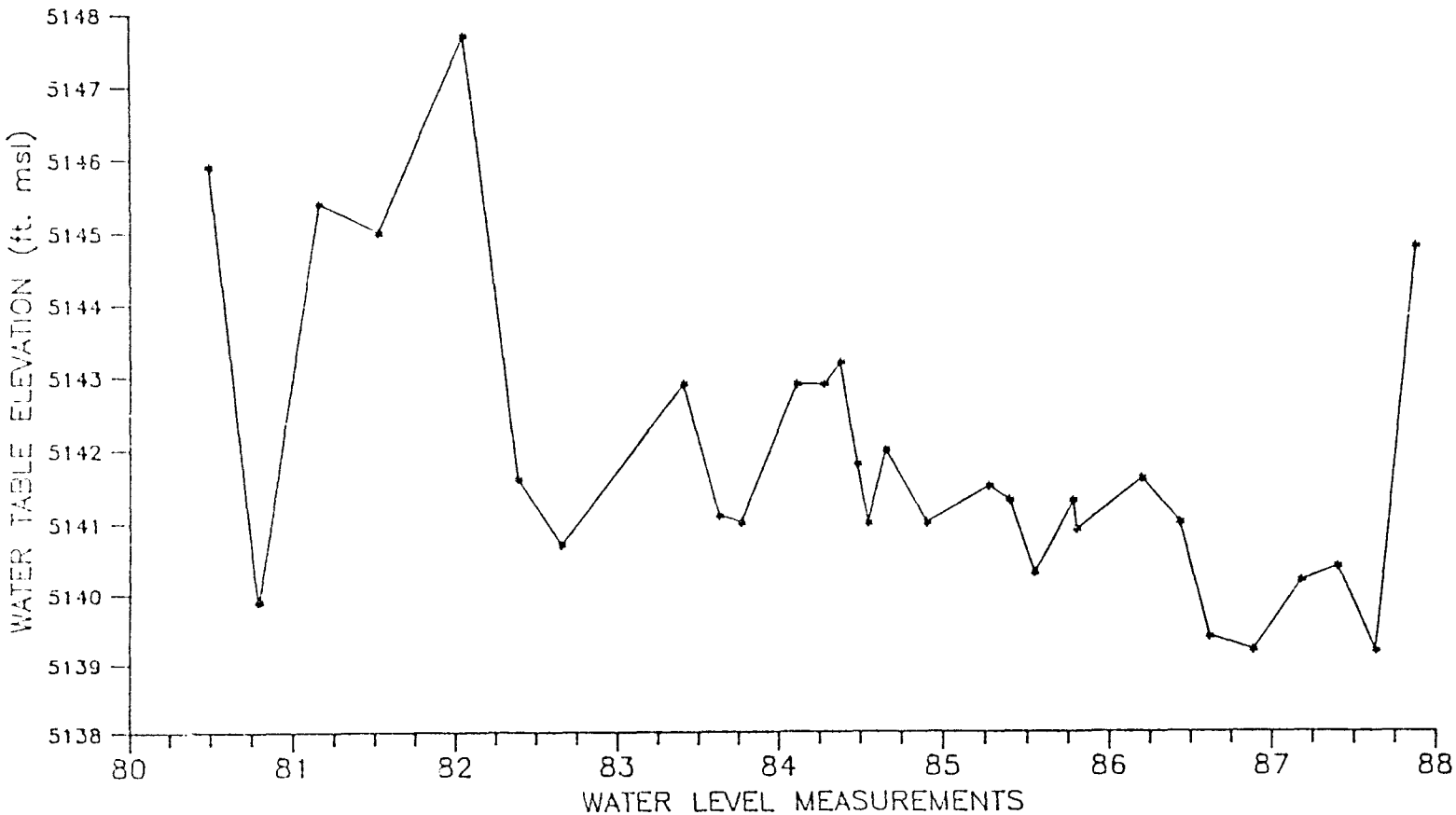


Figure B-58
HYDROGRAPH 1980-1988
WELL 24115

SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

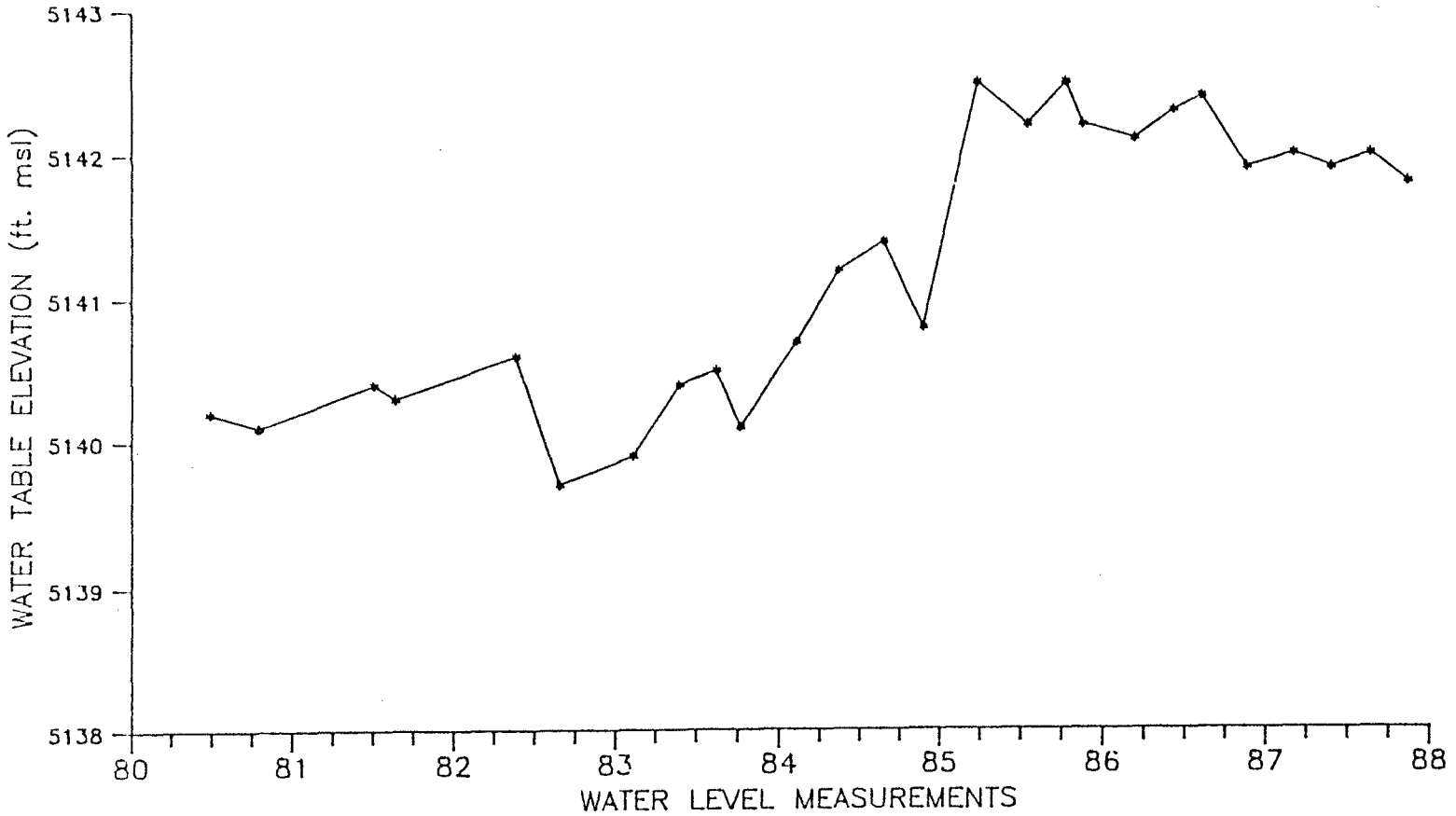


Figure B-59
HYDROGRAPH 1980-1988
WELL 24120

SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

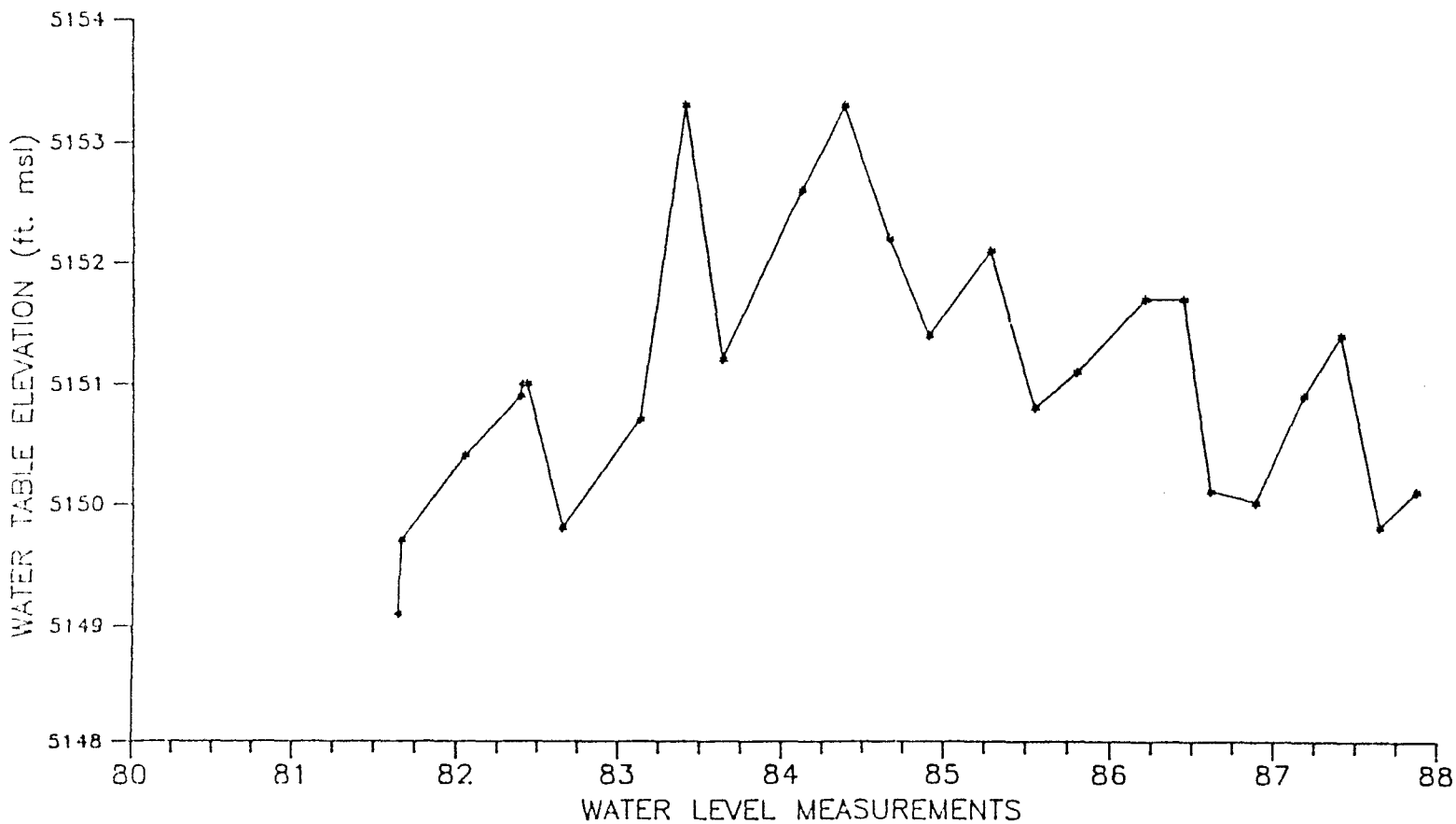


Figure B-60
HYDROGRAPH 1980-1988
WELL 24158
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

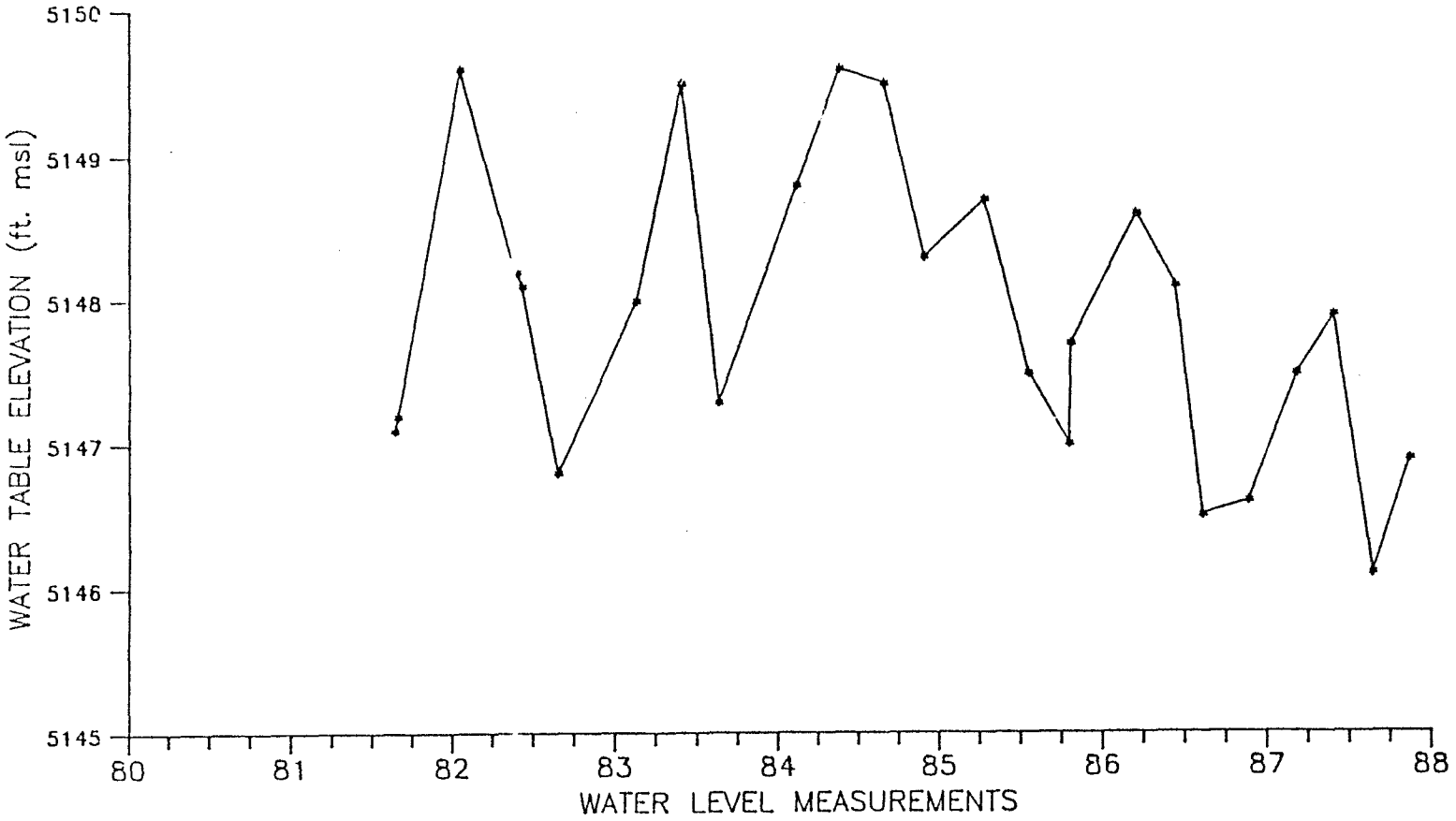


Figure B-61
HYDROGRAPH 1980-1988
WELL 24159

SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

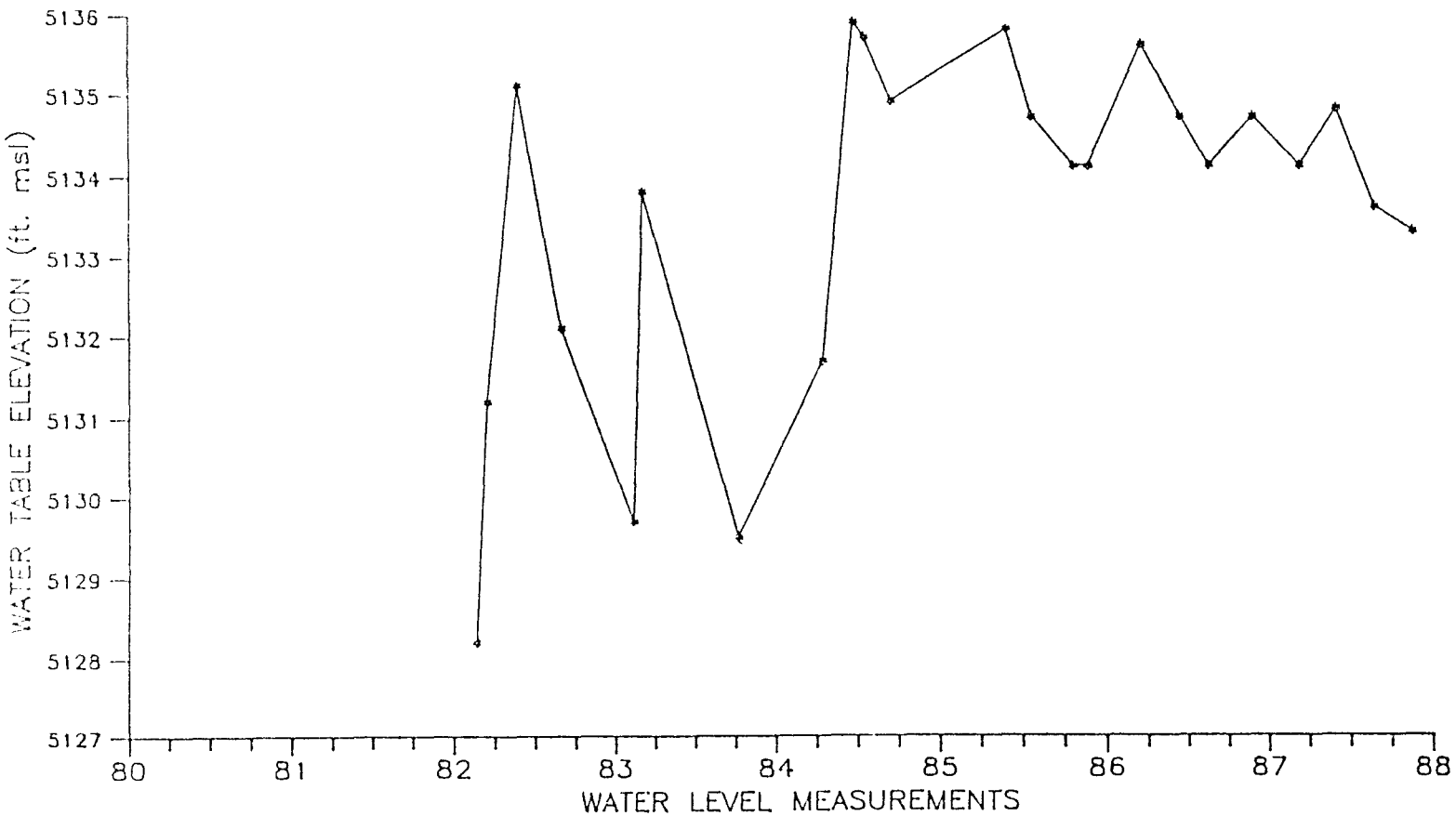


Figure B-62
HYDROGRAPH 1980-1988
WELL 24163

SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

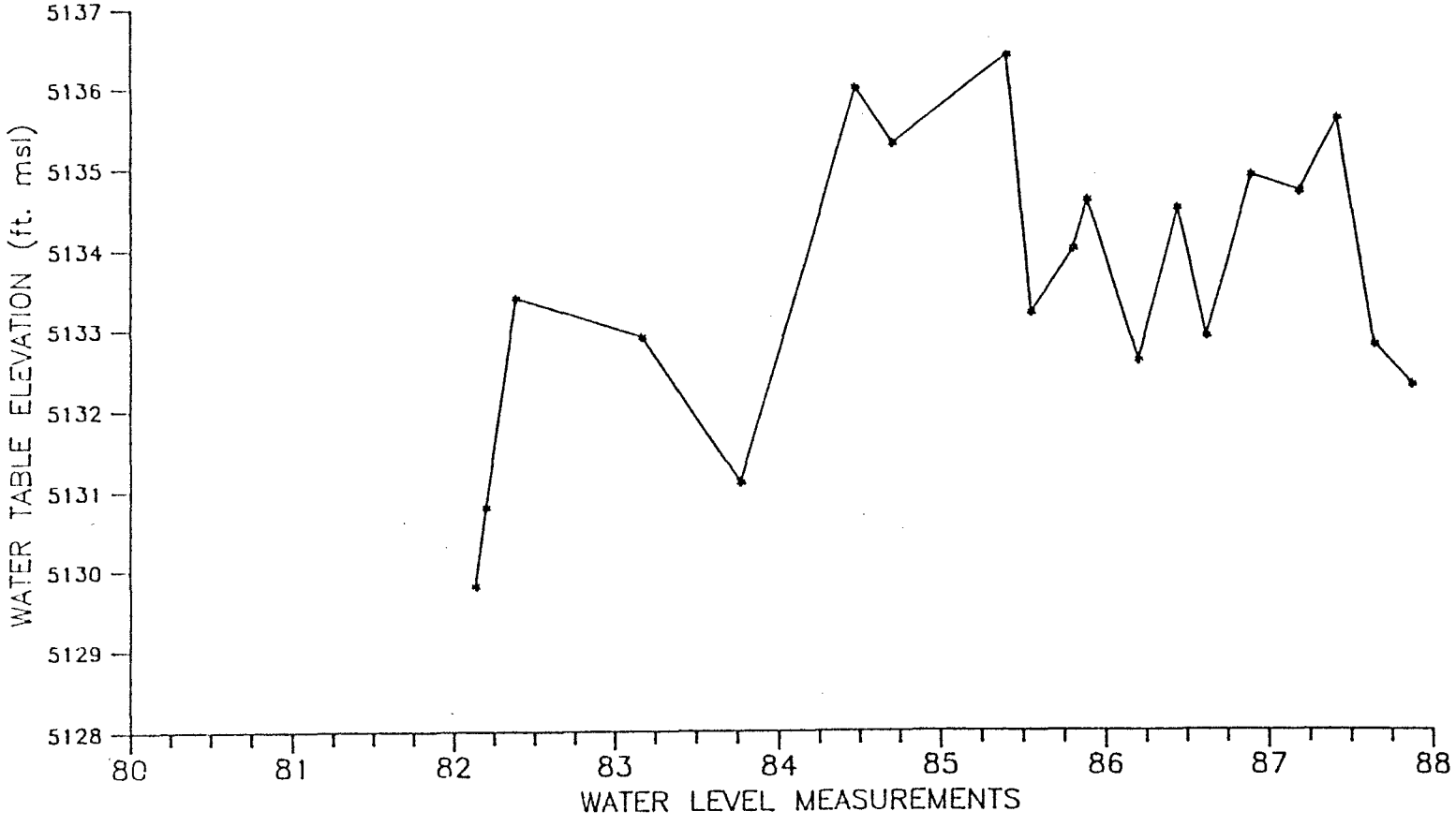


Figure B-63
HYDROGRAPH 1980-1988
WELL 24164

SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

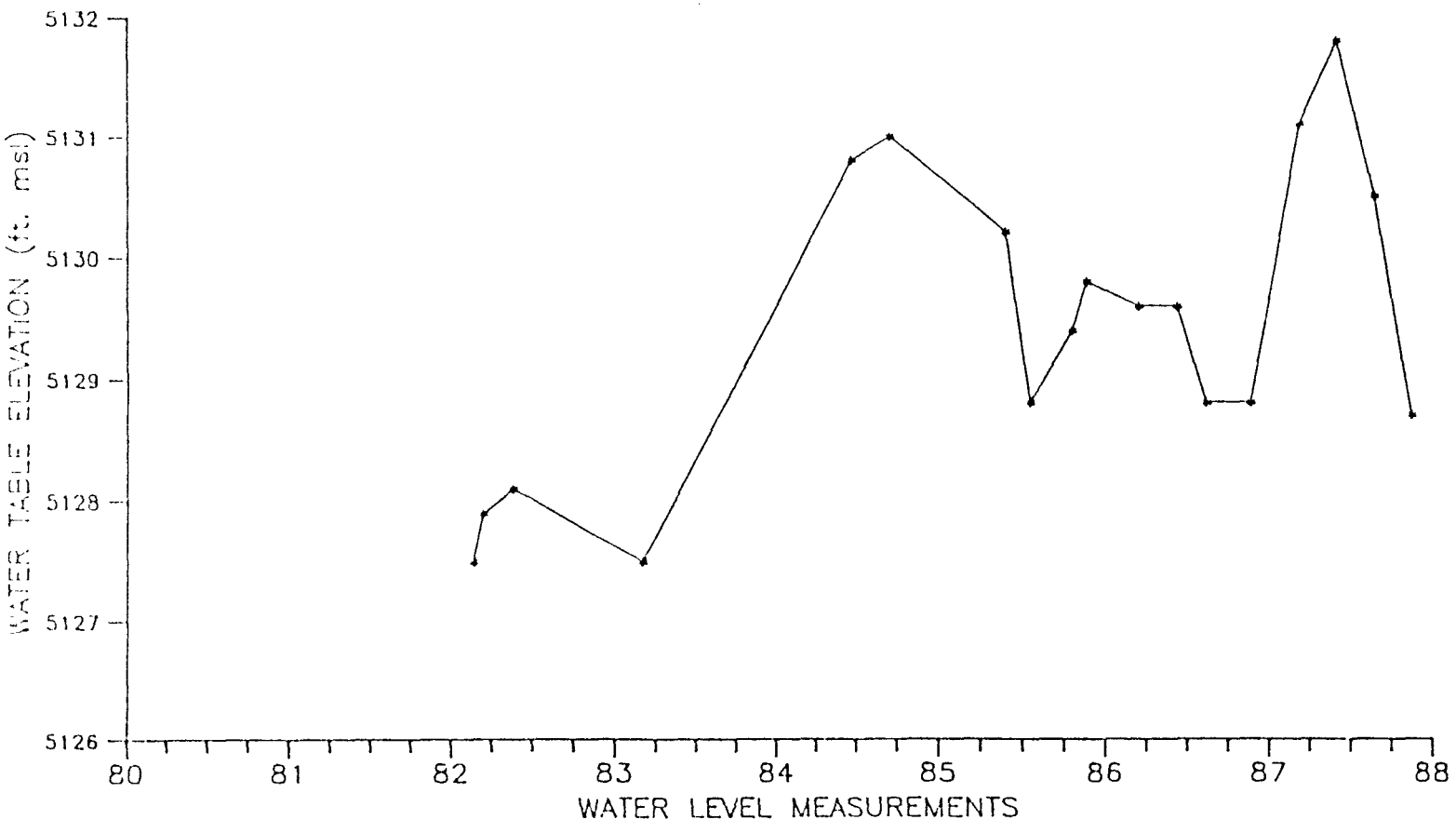


Figure B-64
HYDROGRAPH 1980-1988
WELL 24166

SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

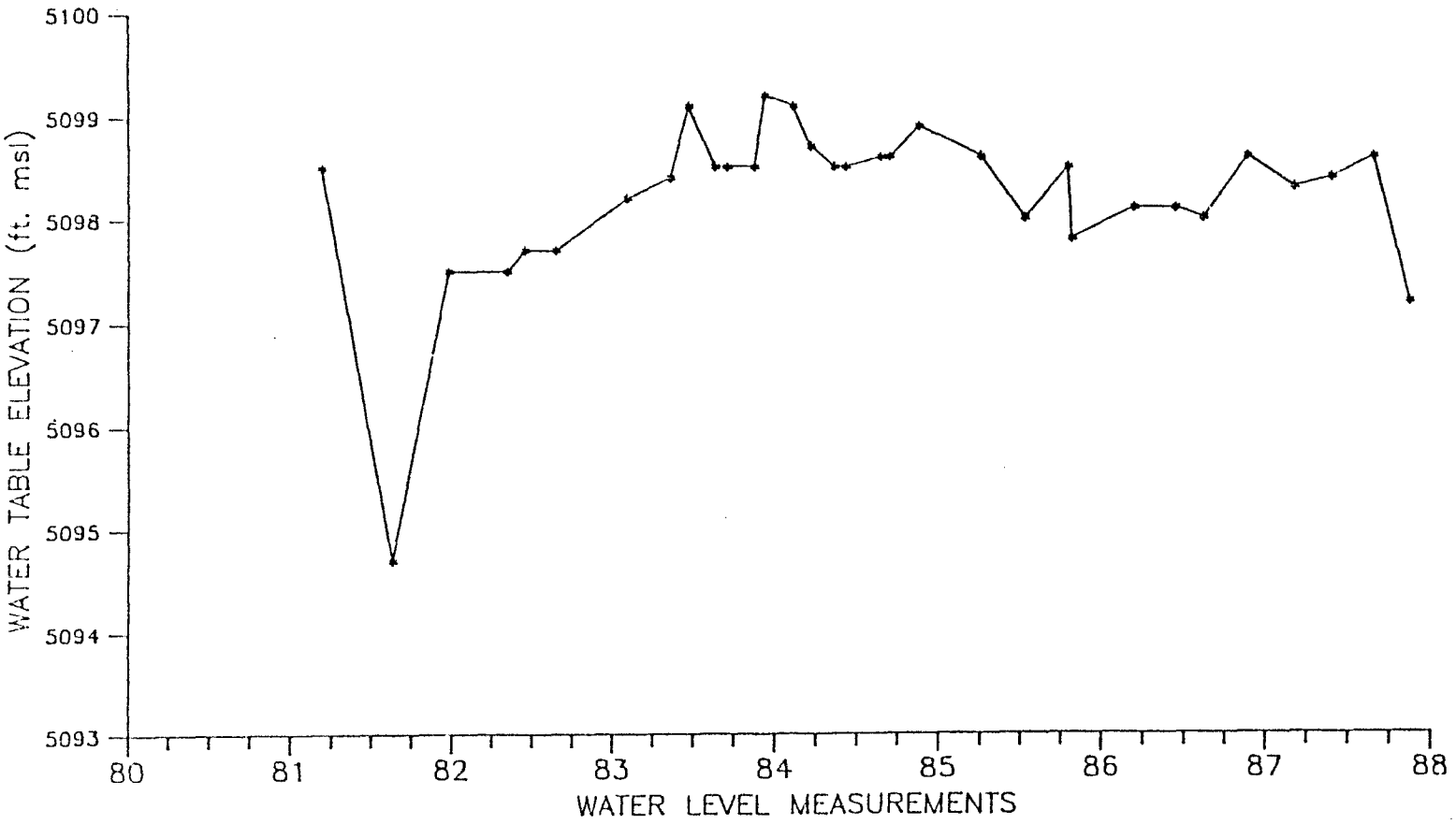


Figure B-65
HYDROGRAPH 1980-1988
WELL 27057
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

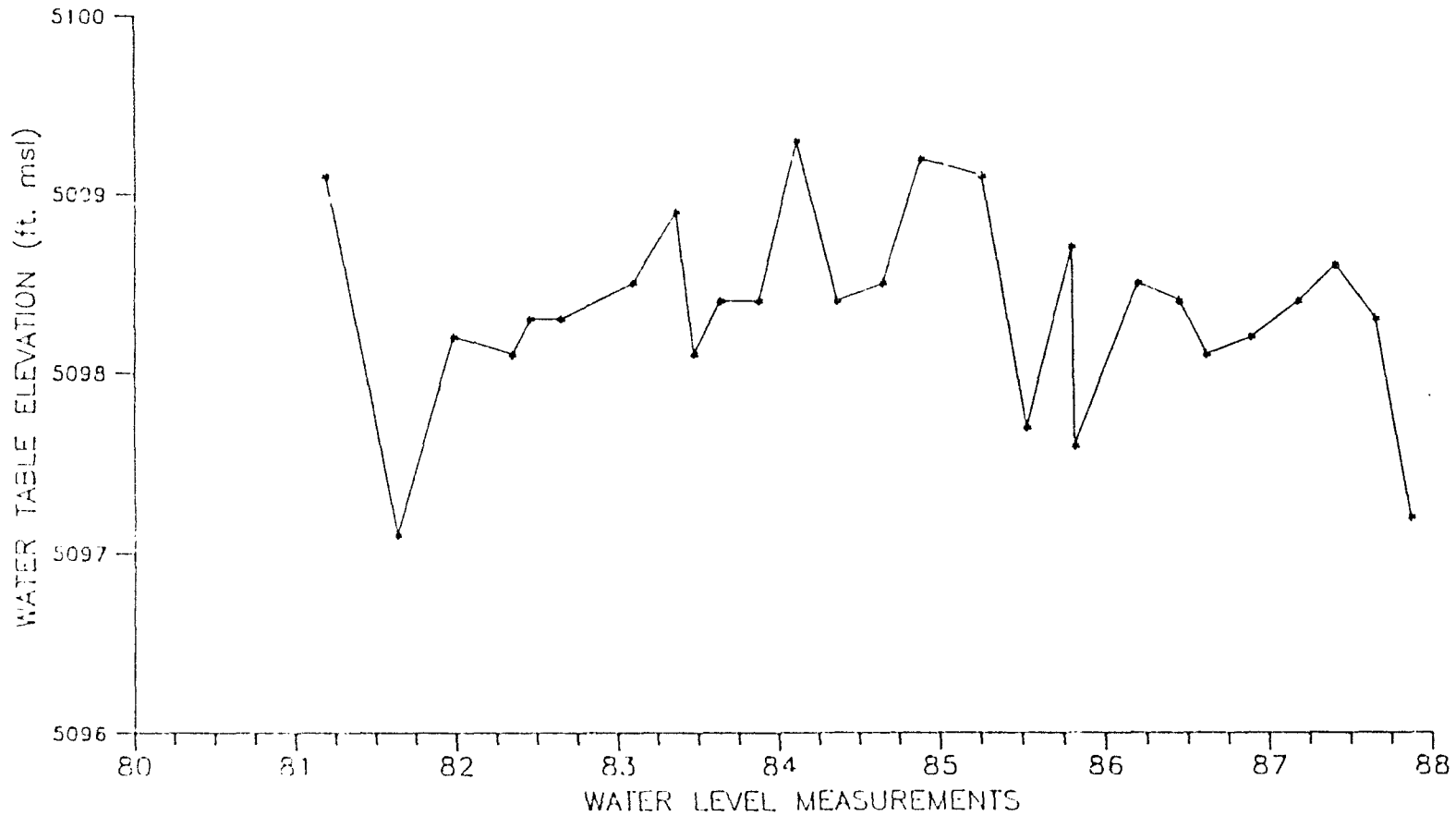


Figure B-66
HYDROGRAPH 1980-1988
WELL 27058
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

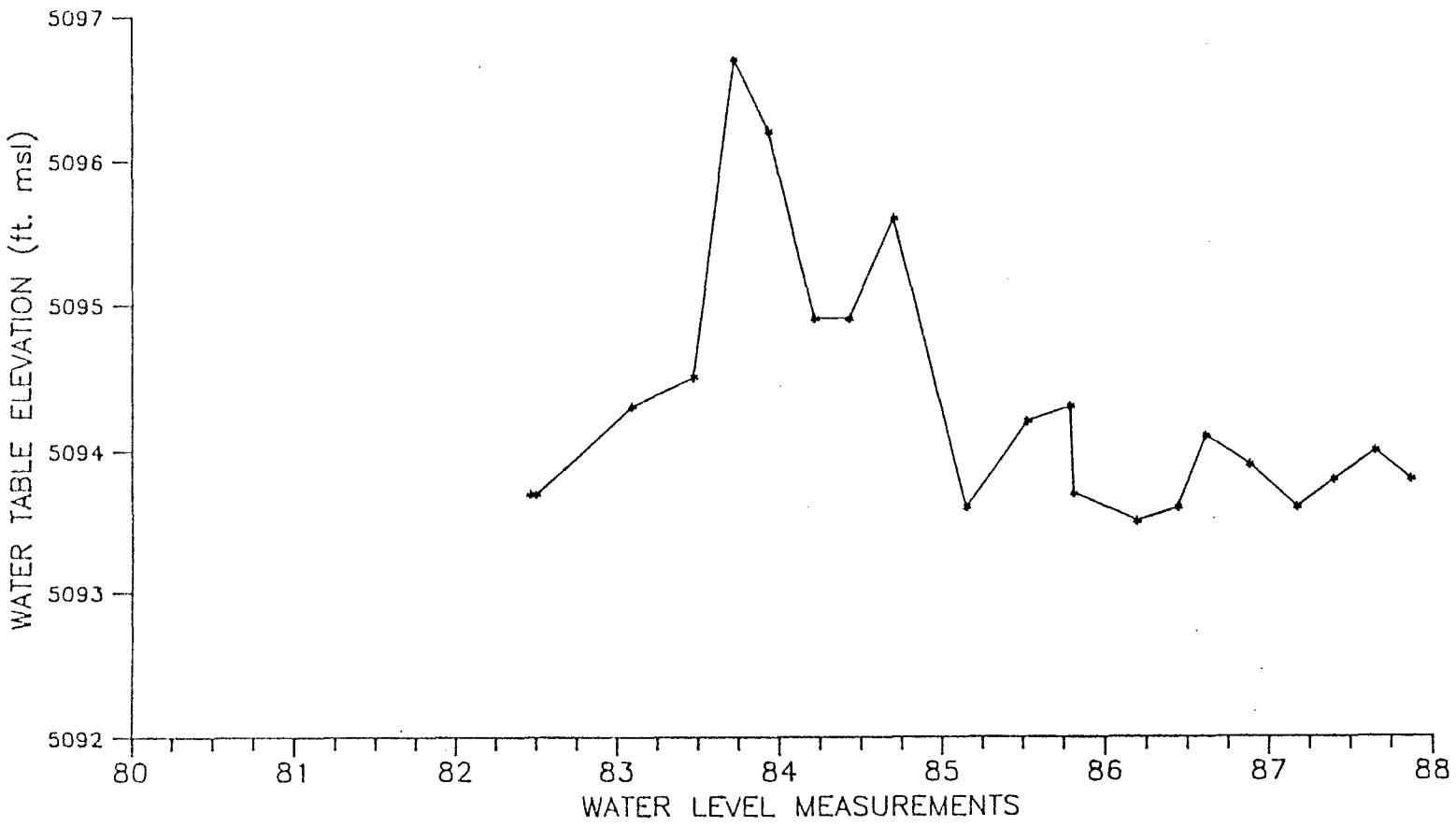


Figure B-67
HYDROGRAPH 1980-1988
WELL 27062

SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

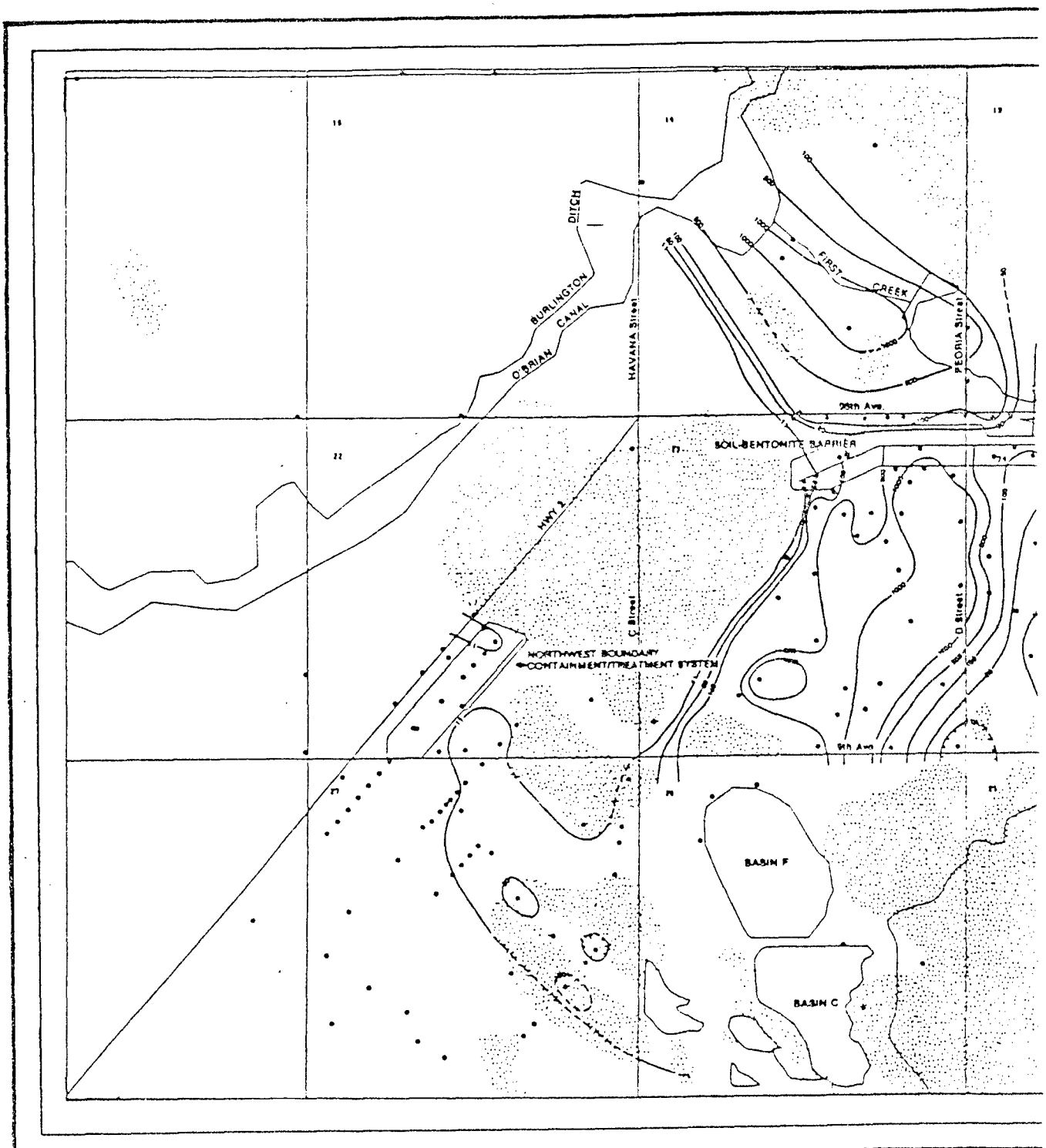
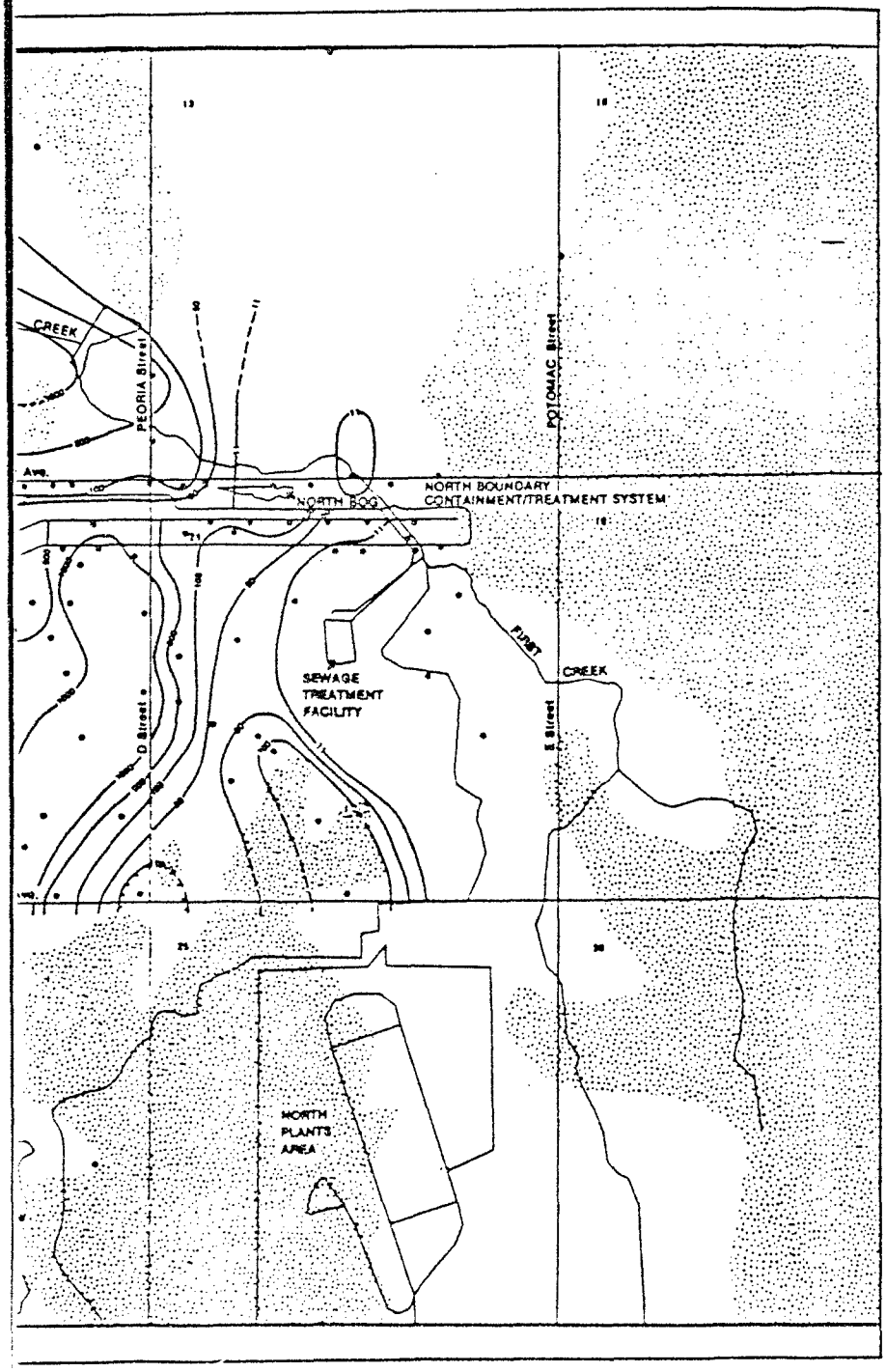


Figure B-68A
DIMP CONCENTRATION DISTRIBUTION, ug/l,
1ST QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE:ESE 1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

N

0 1000 2000

Scale in Feet

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

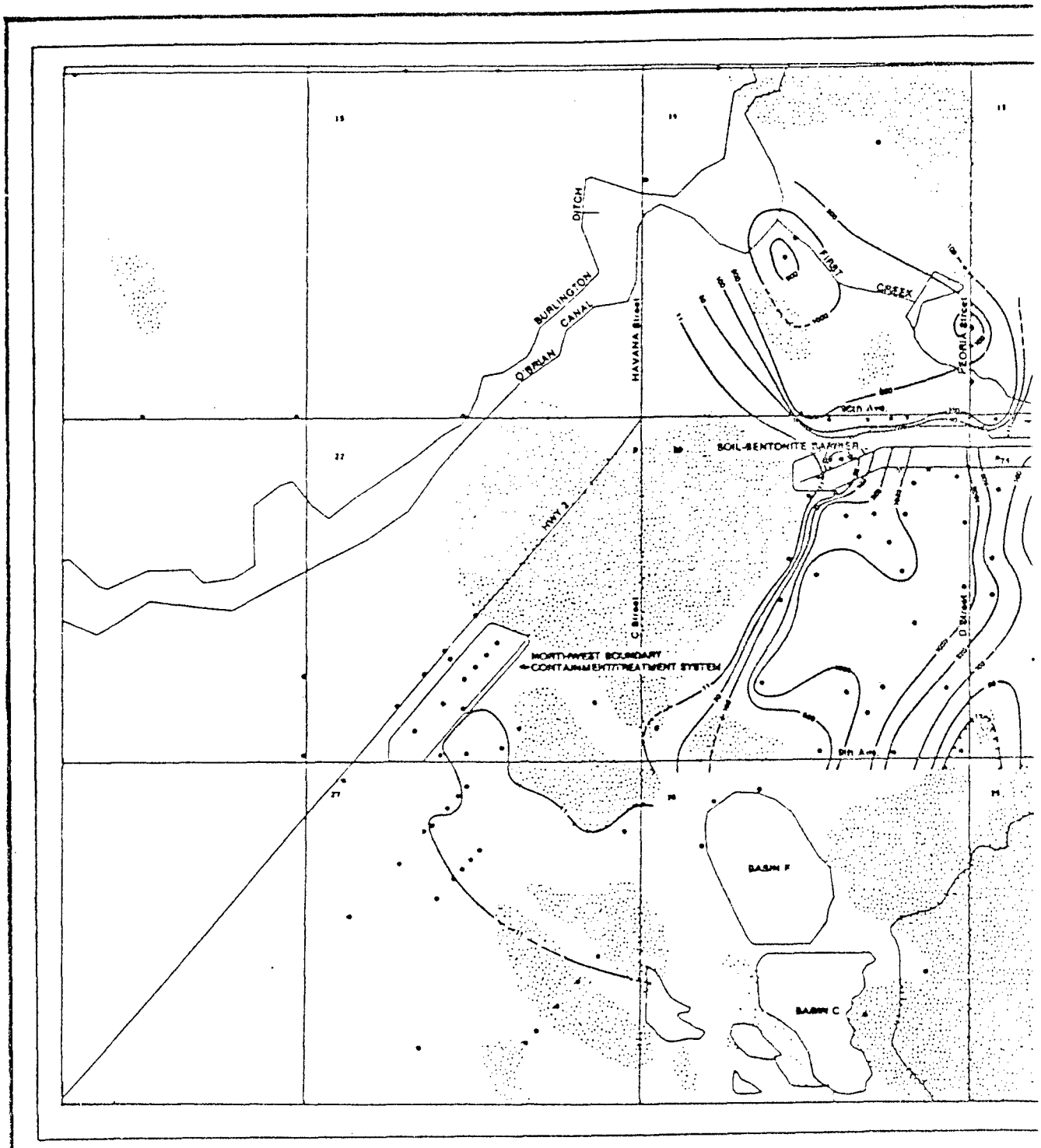
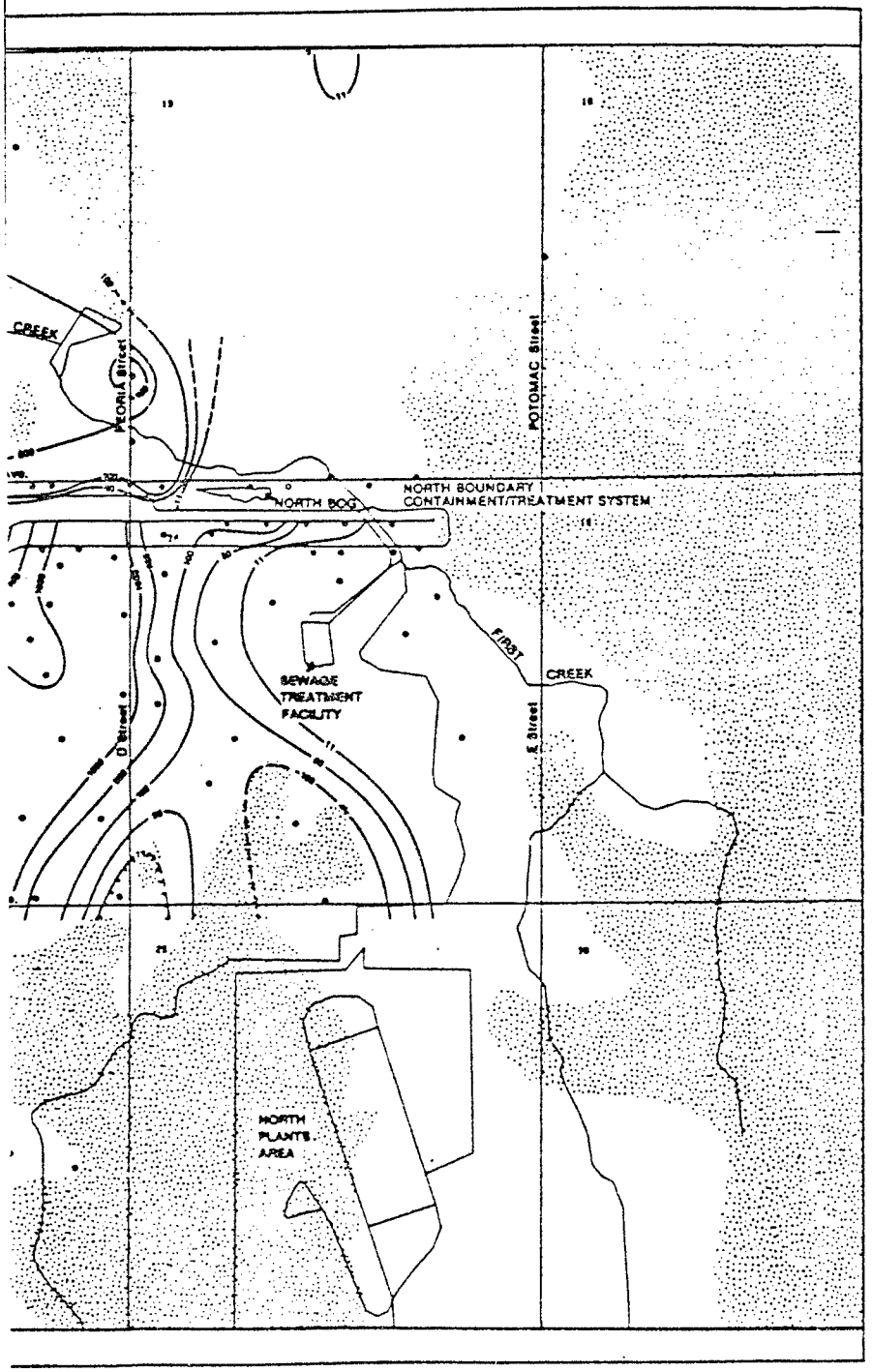


Figure B-68 B
DIMP CONCENTRATION DISTRIBUTION, ug/l,
2ND QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE ESE '1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

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0 1000 2000

Scale In Feet

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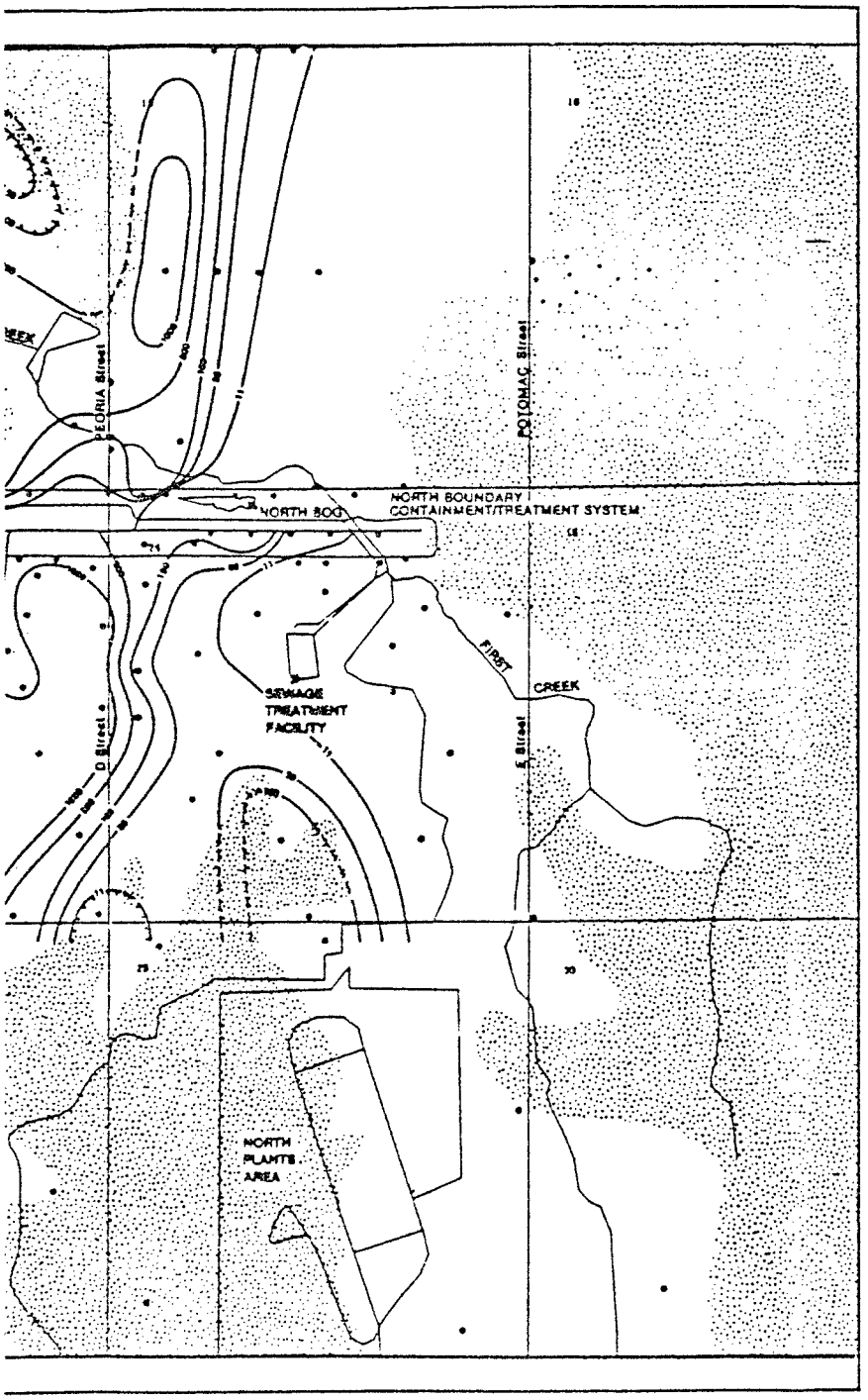
Aberdeen Proving Ground, Maryland



Figure B-68C
DIMP CONCENTRATION DISTRIBUTION, ug/l,
3RD QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE: ESE, 1988

(2)



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

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Scale In Feet

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U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

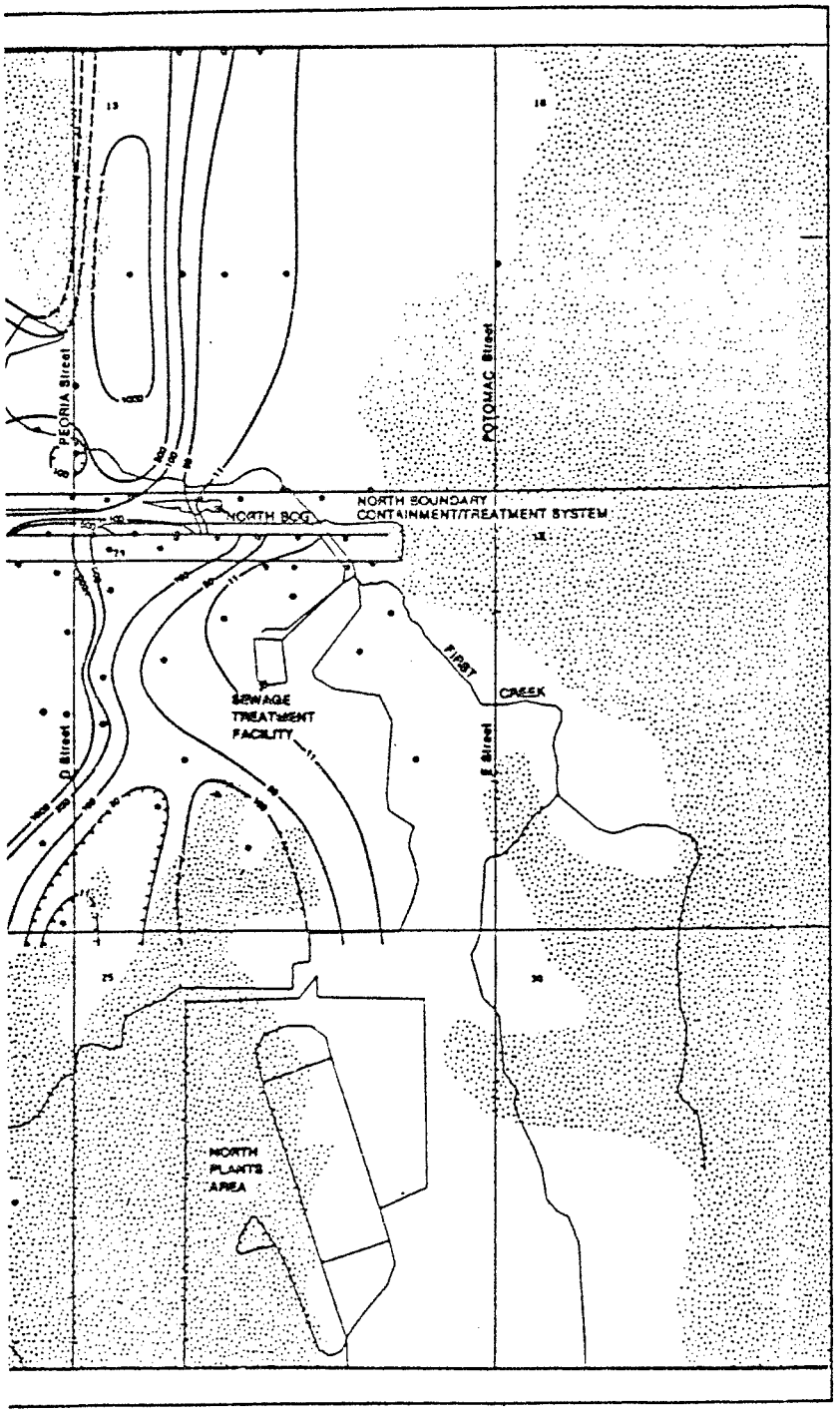
Aberdeen Proving Ground, Maryland



Figure B-68D
DIMP CONCENTRATION DISTRIBUTION, ug/l,
4TH QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE ESE, 1988

(2)



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

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N

0 1000 2000

Scale In Feet

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U.S. Army Program Manager's Office
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Aberdeen Proving Ground, Maryland

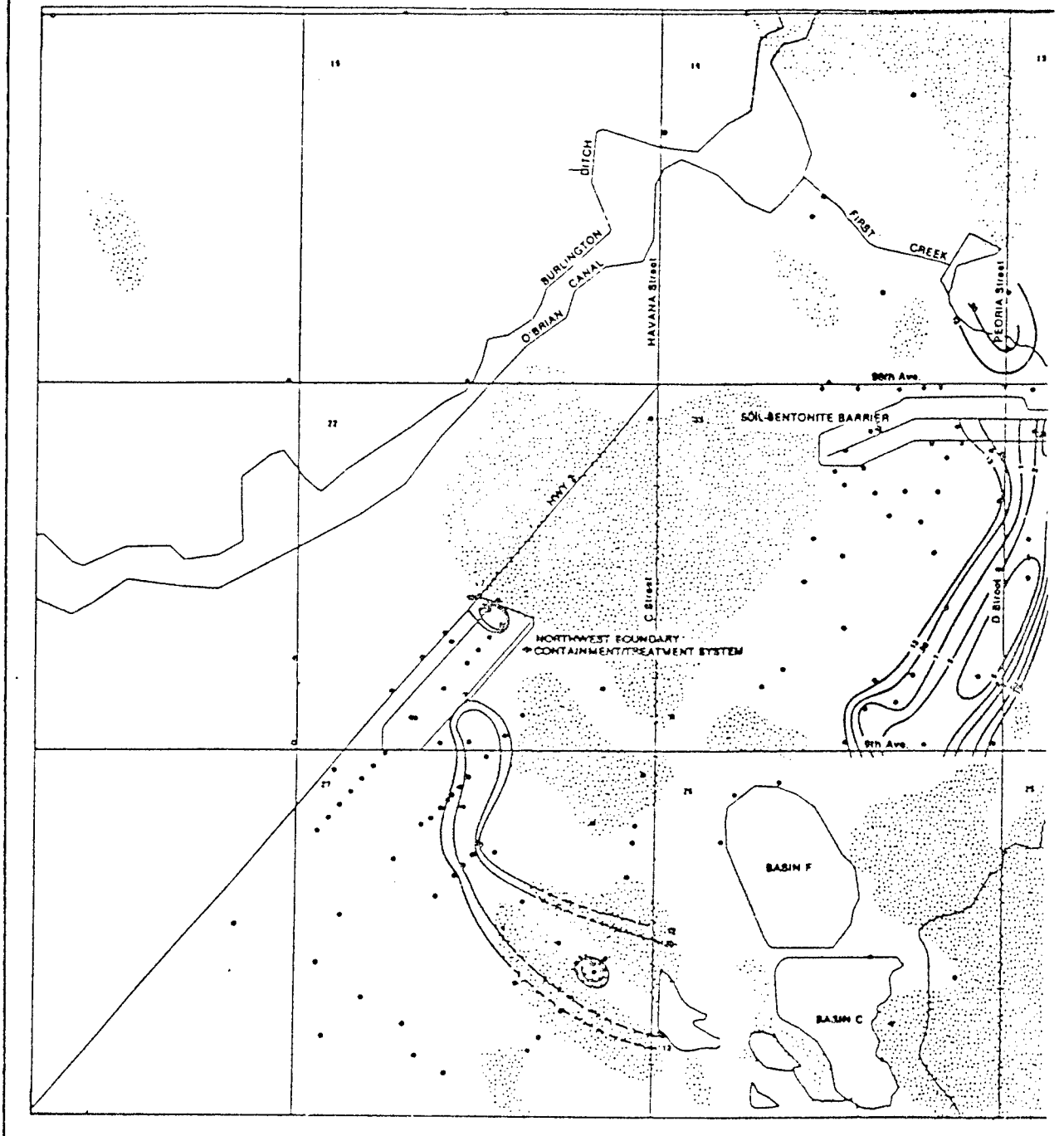
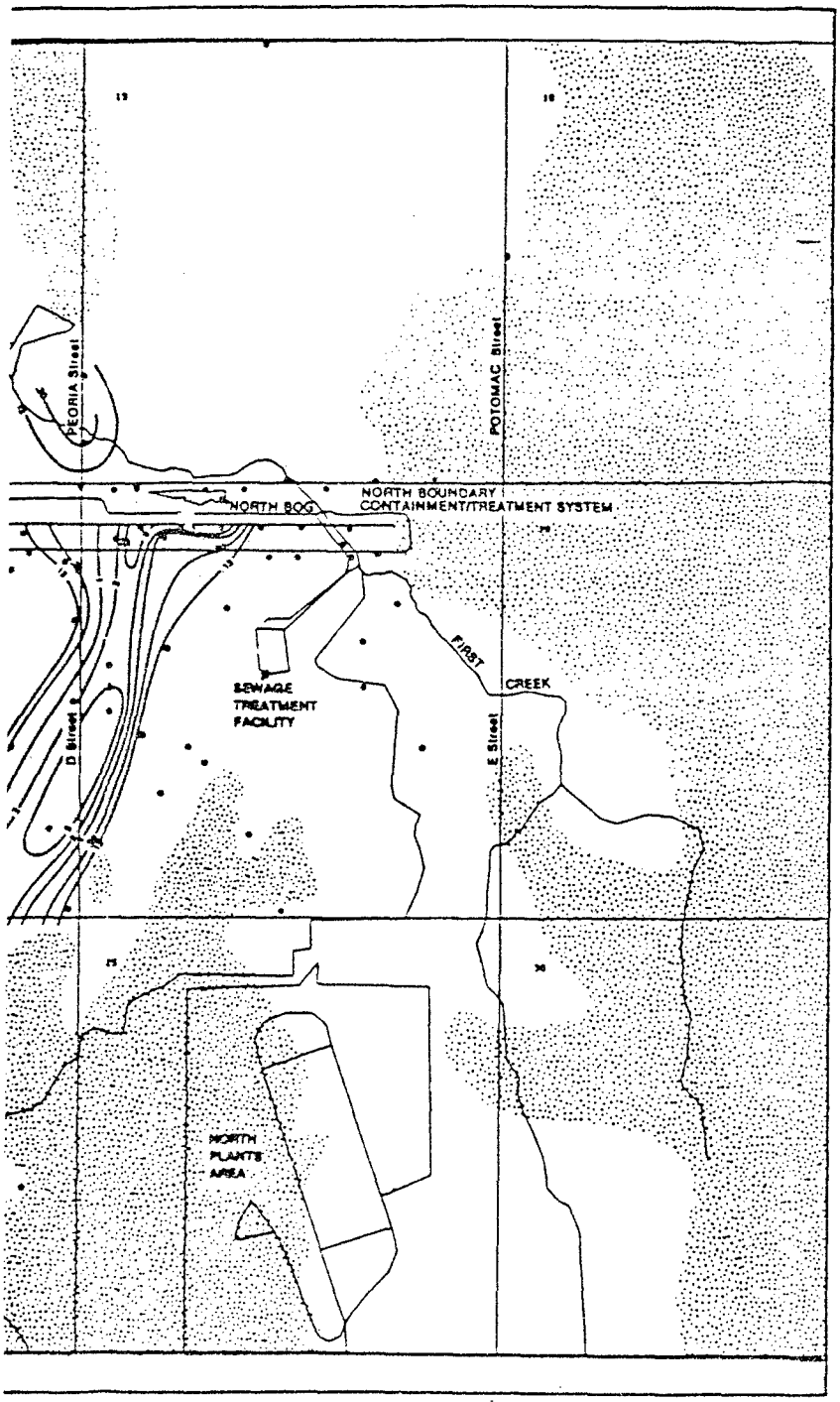


Figure 8-69A
DBCP CONCENTRATION DISTRIBUTION, ug/l,
1ST QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE: ESE, 1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

N

0 1000 2000

Scale In Feet

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Aberdeen Proving Ground, Maryland

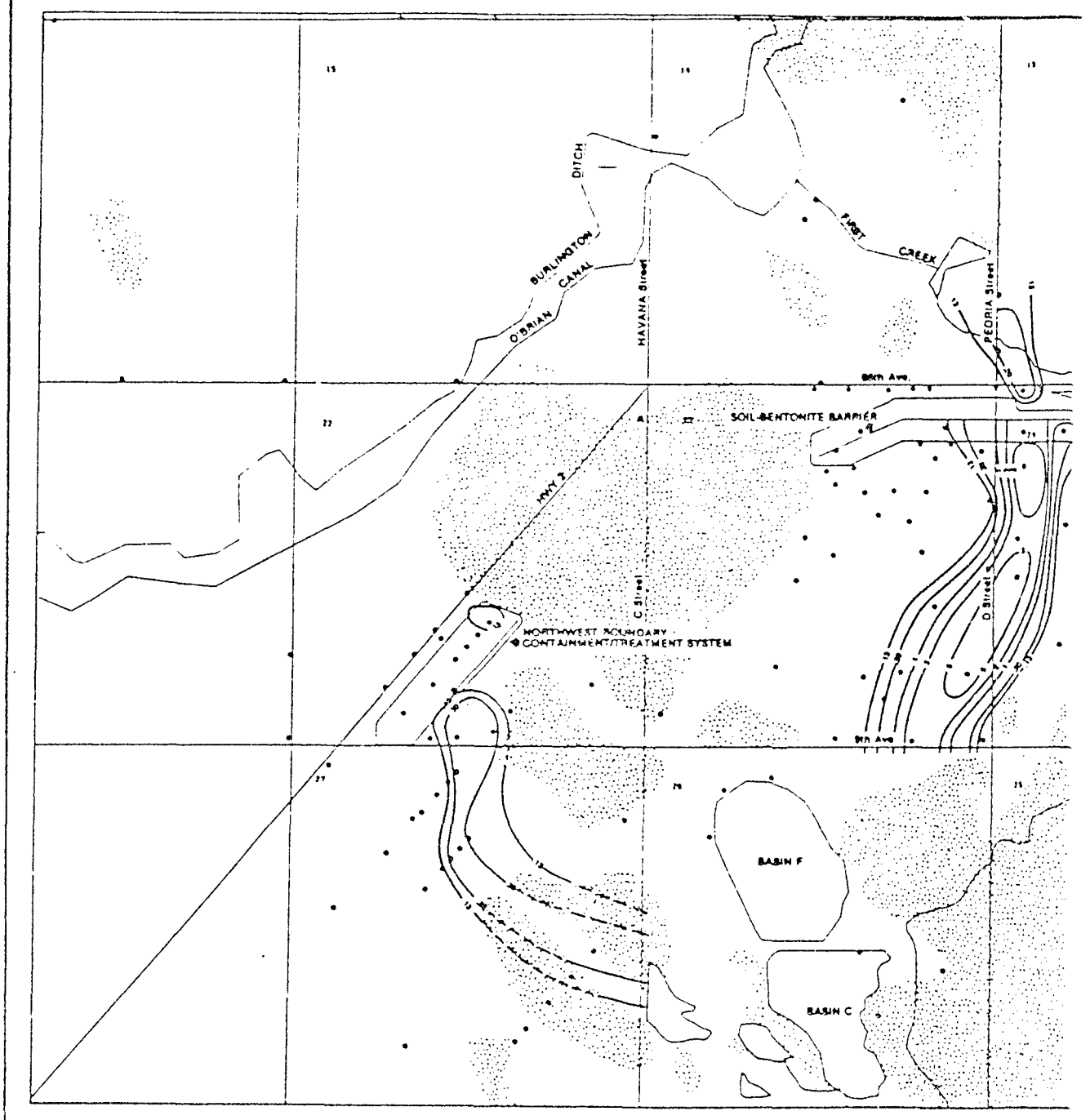
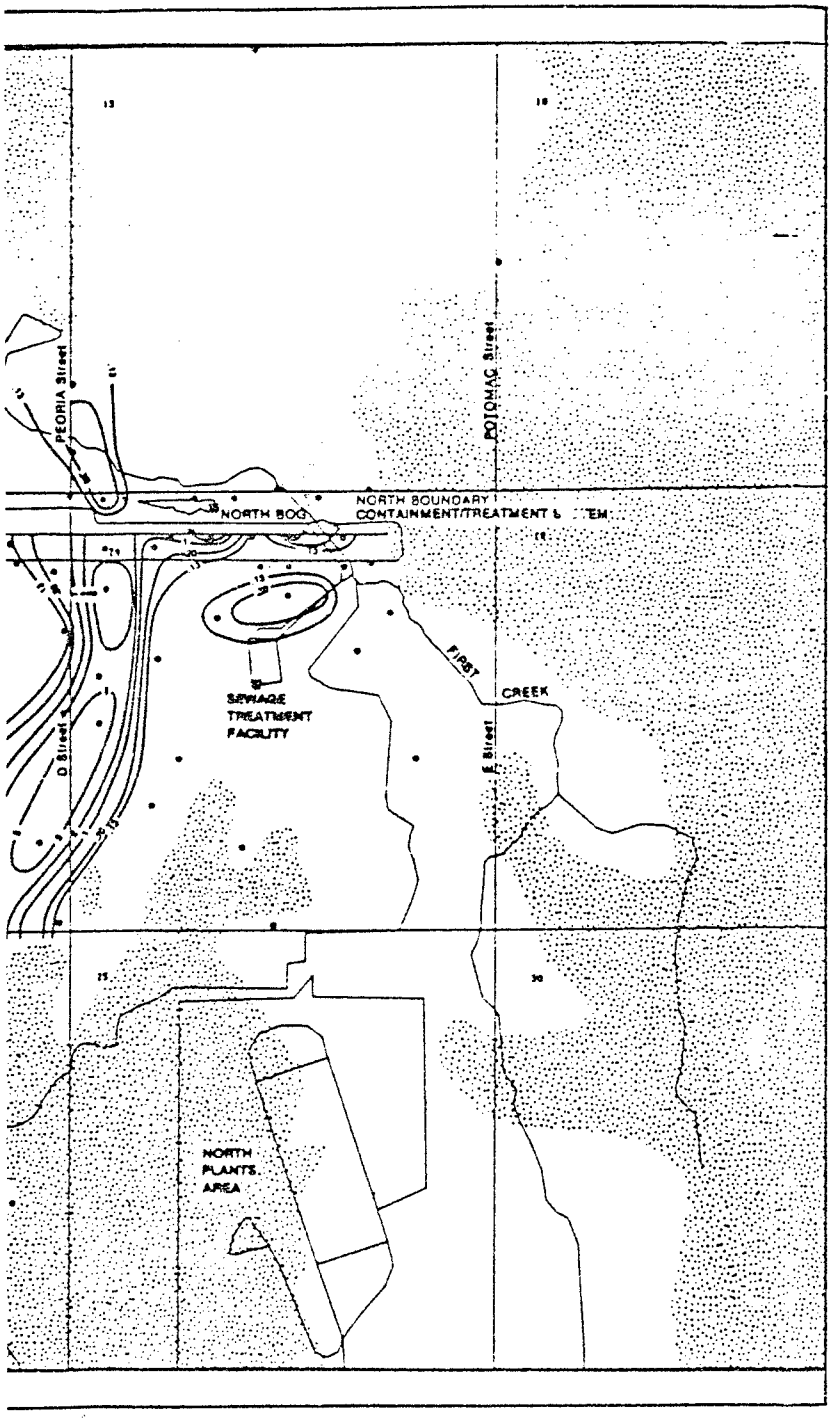


Figure B-69 B
DBCP CONCENTRATION DISTRIBUTION, ug/l,
2ND QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE ESE, 1988

(2)



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

N

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Scale In Feet

Prepared for:
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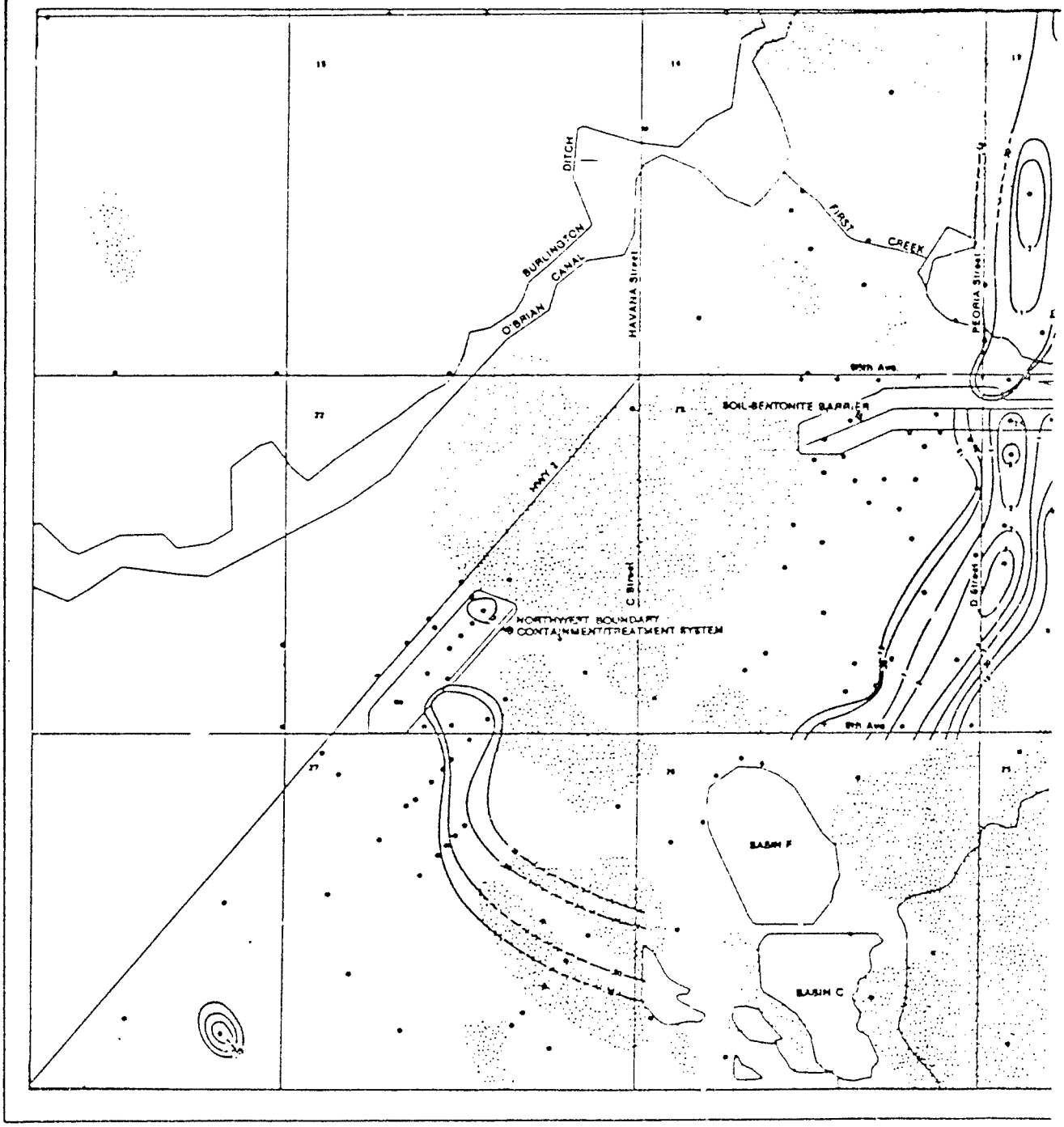
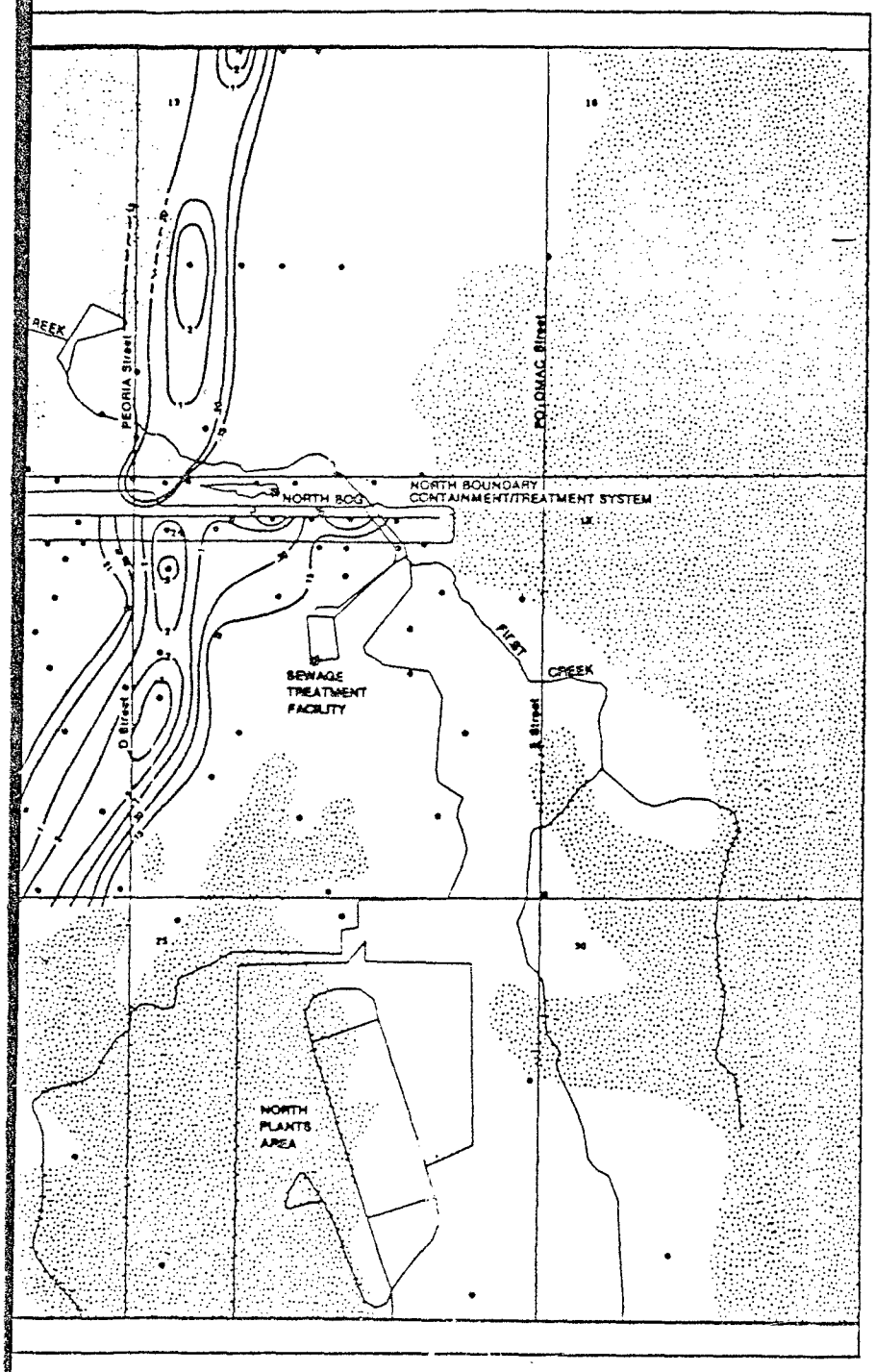


Figure B-69 C
DBCP CONCENTRATION DISTRIBUTION, ug/l,
3RD QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE ESE, 1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

N

0 1000 2000

Scale In Feet

Prepared for:
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Aberdeen Proving Ground, Maryland

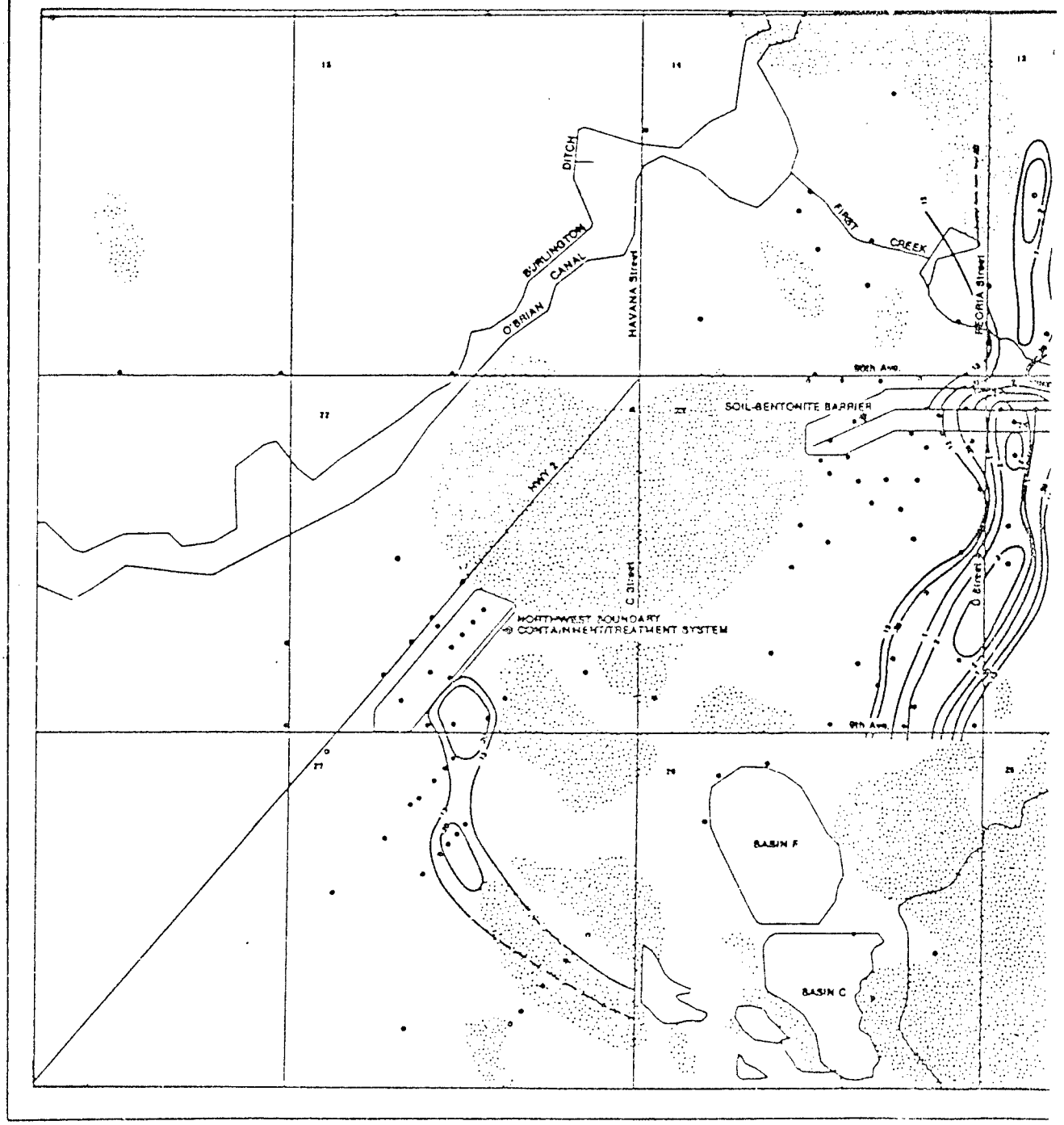
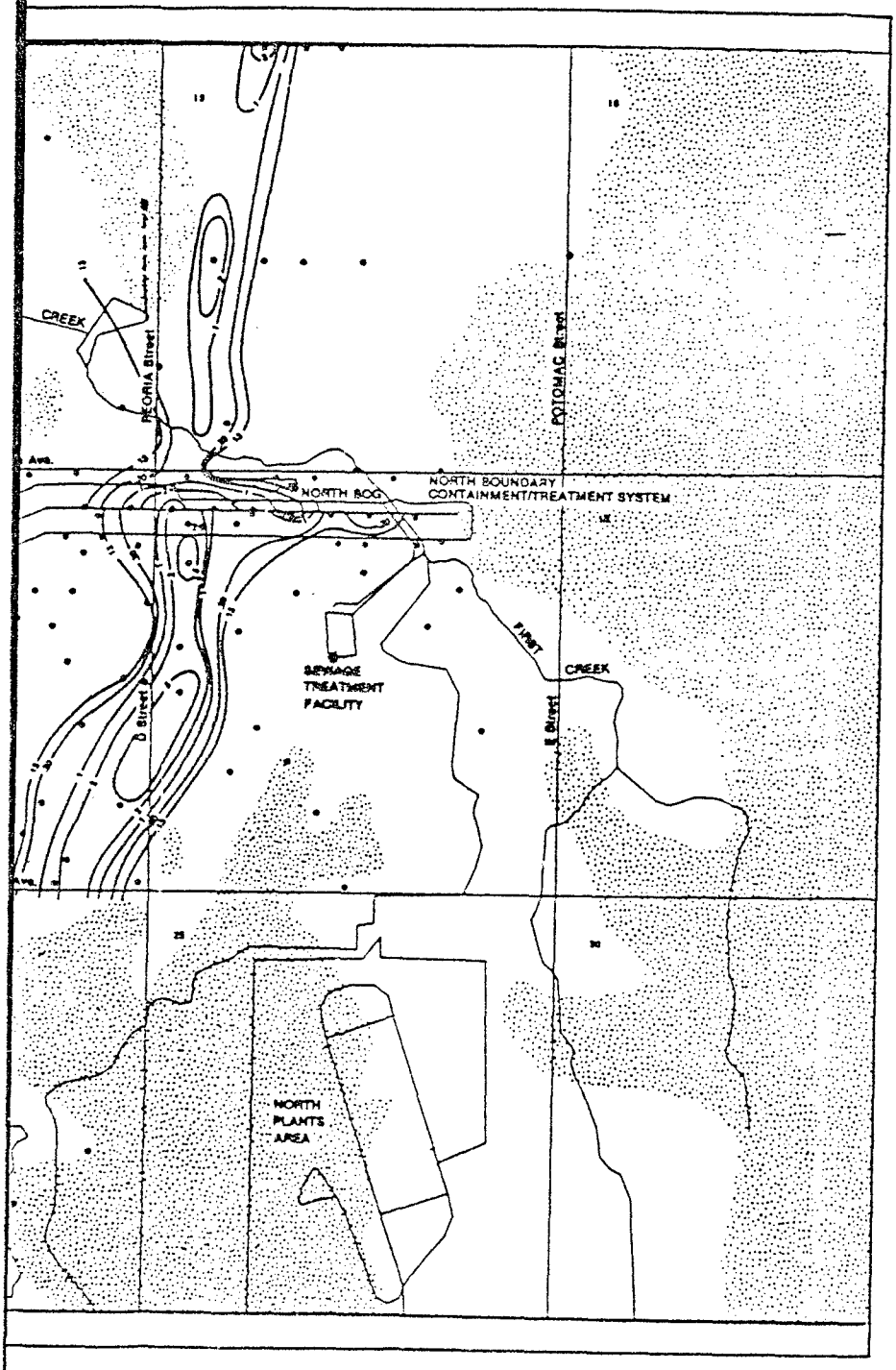


Figure 8-69 D
DBCP CONCENTRATION DISTRIBUTION, ug/l,
4TH QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE: ESE, 1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

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0 1000 2000

Scale In Feet

Prepared for:
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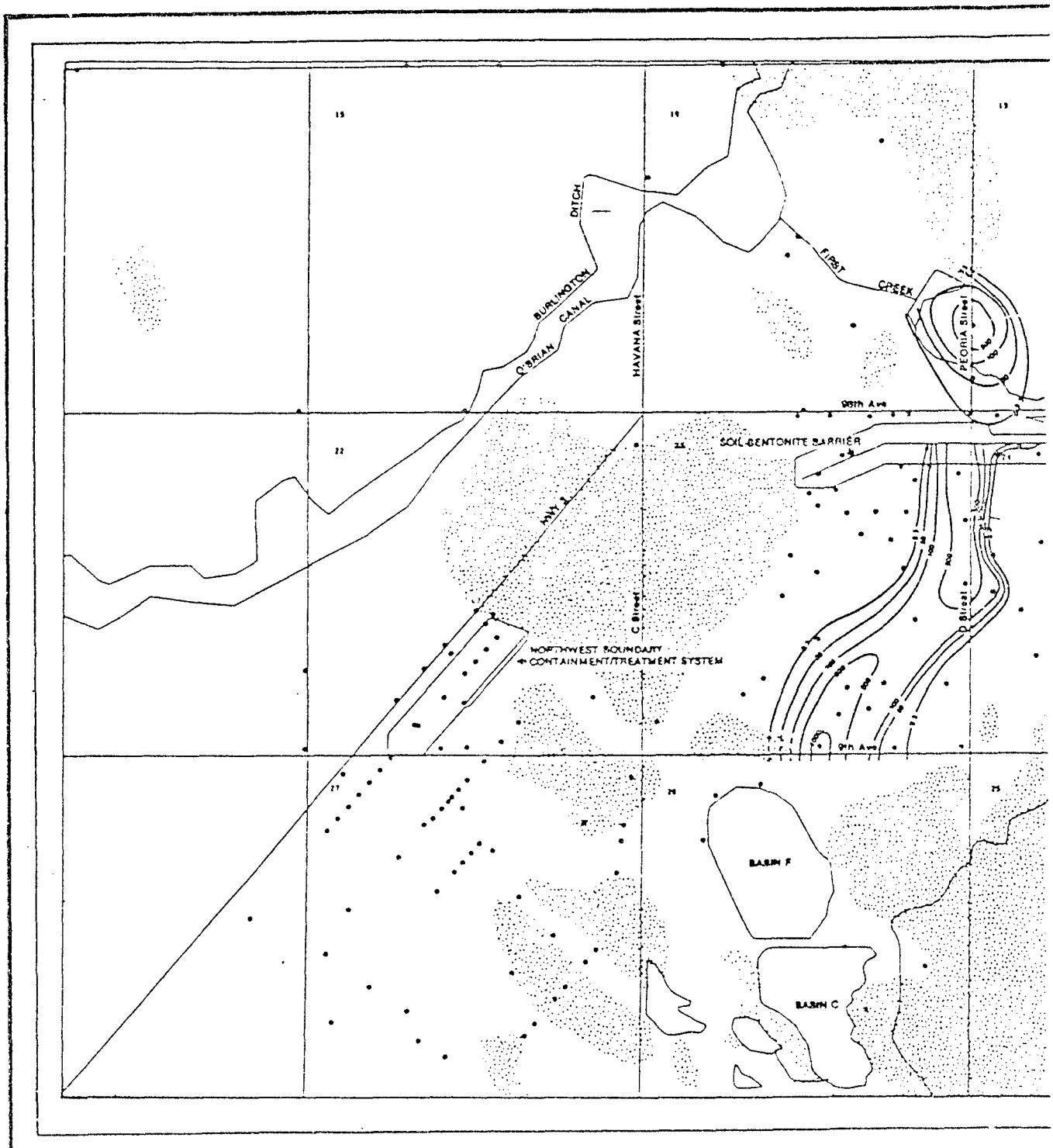
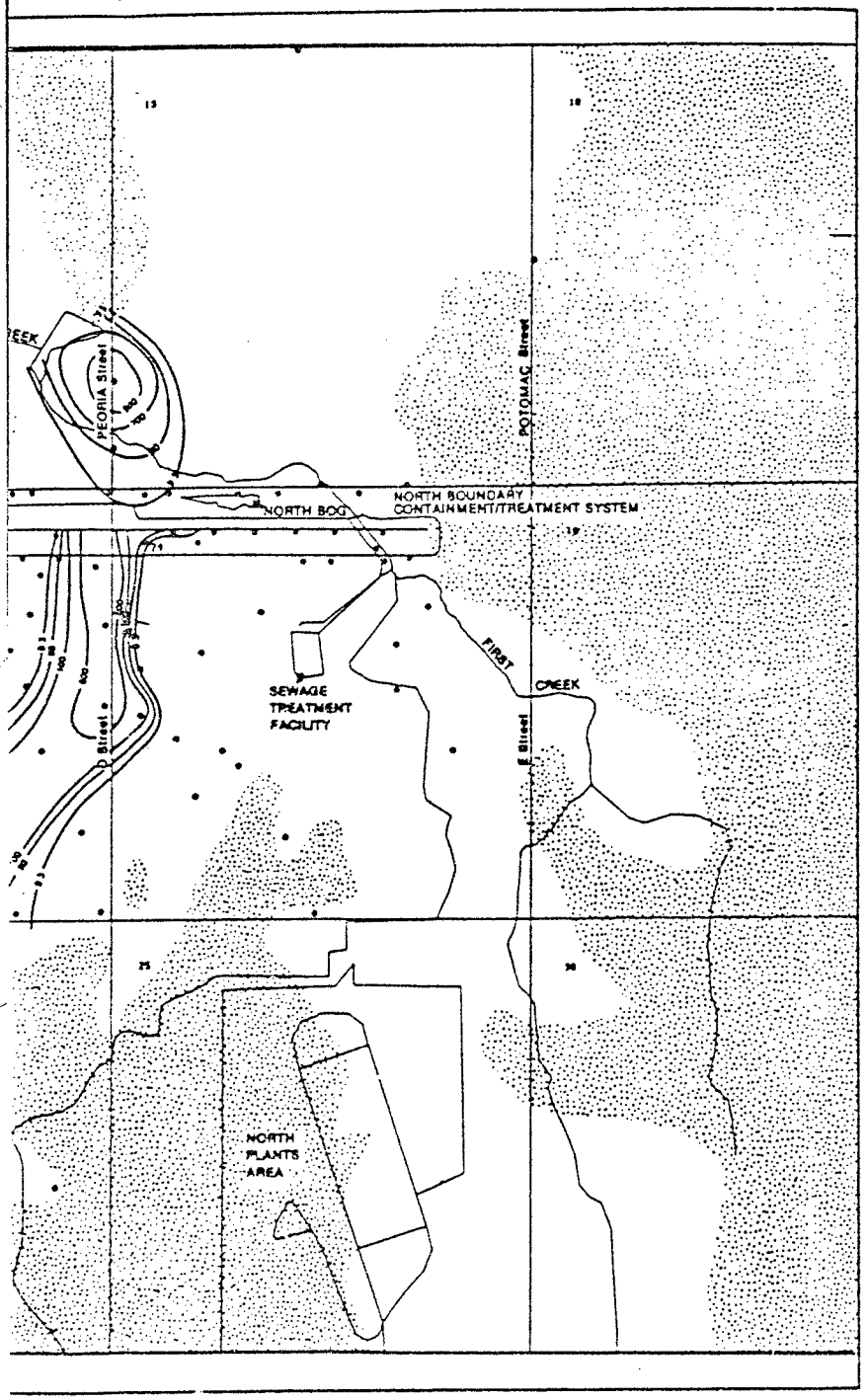


Figure 8-70A
DCPD CONCENTRATION DISTRIBUTION, ug/l,
1ST QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE:ESE,1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

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Scale In Feet

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Aberdeen Proving Ground, Maryland

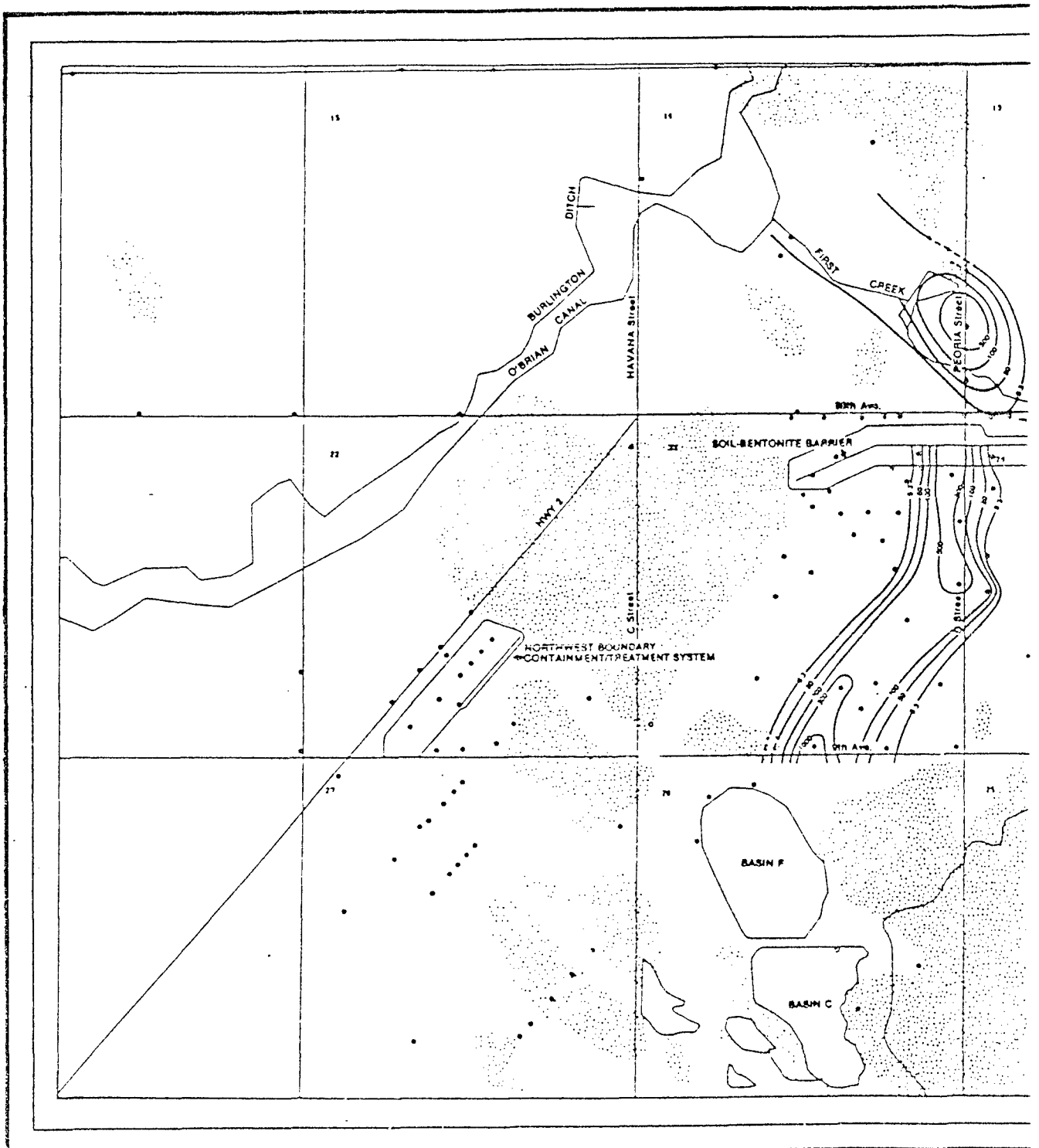
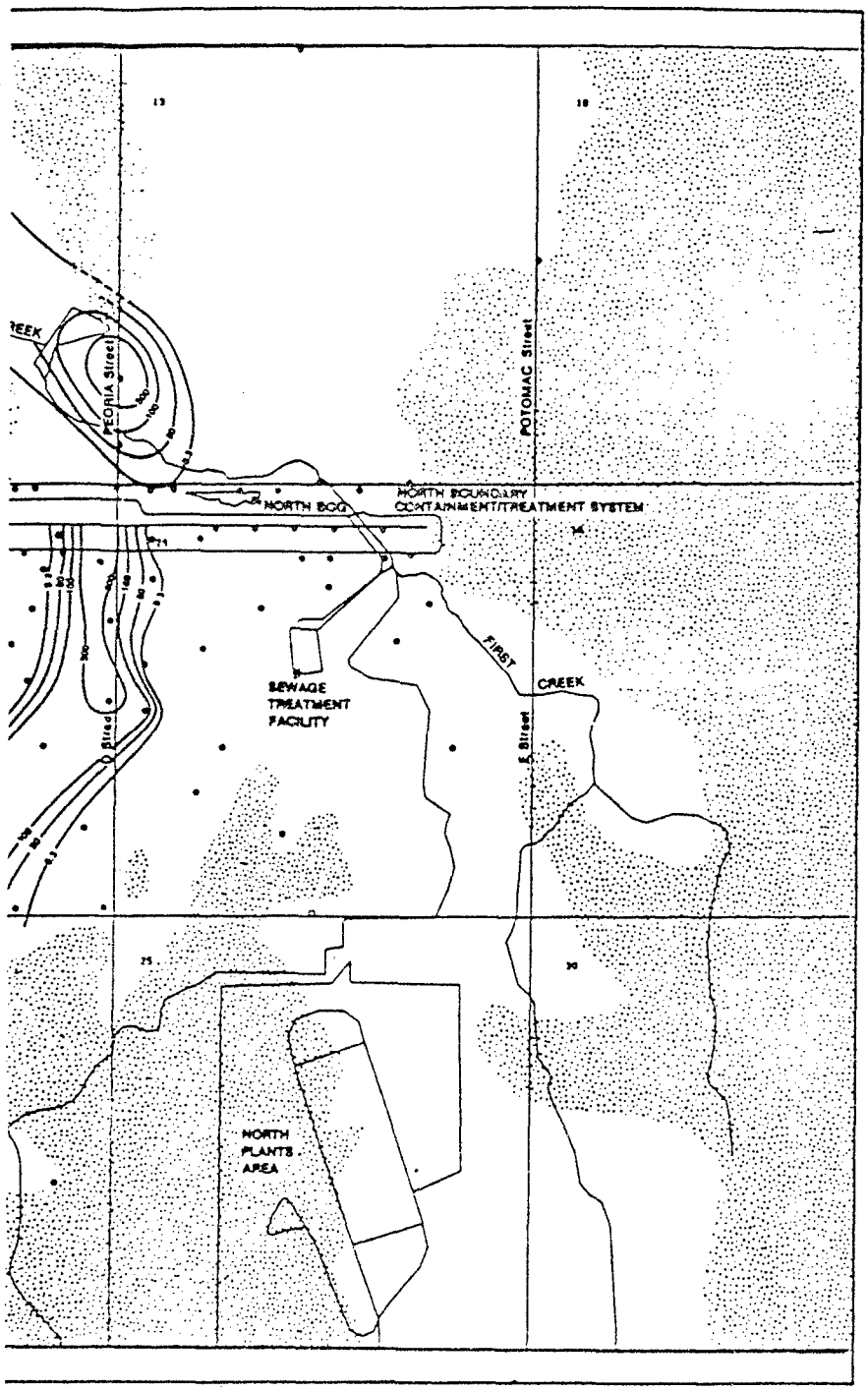


Figure B-70 B
DCPD CONCENTRATION DISTRIBUTION, ug/l,
2ND QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE ESE 1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

N

0 1000 2000

Scale In Feet

Prepared for:
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Aberdeen Proving Ground, Maryland

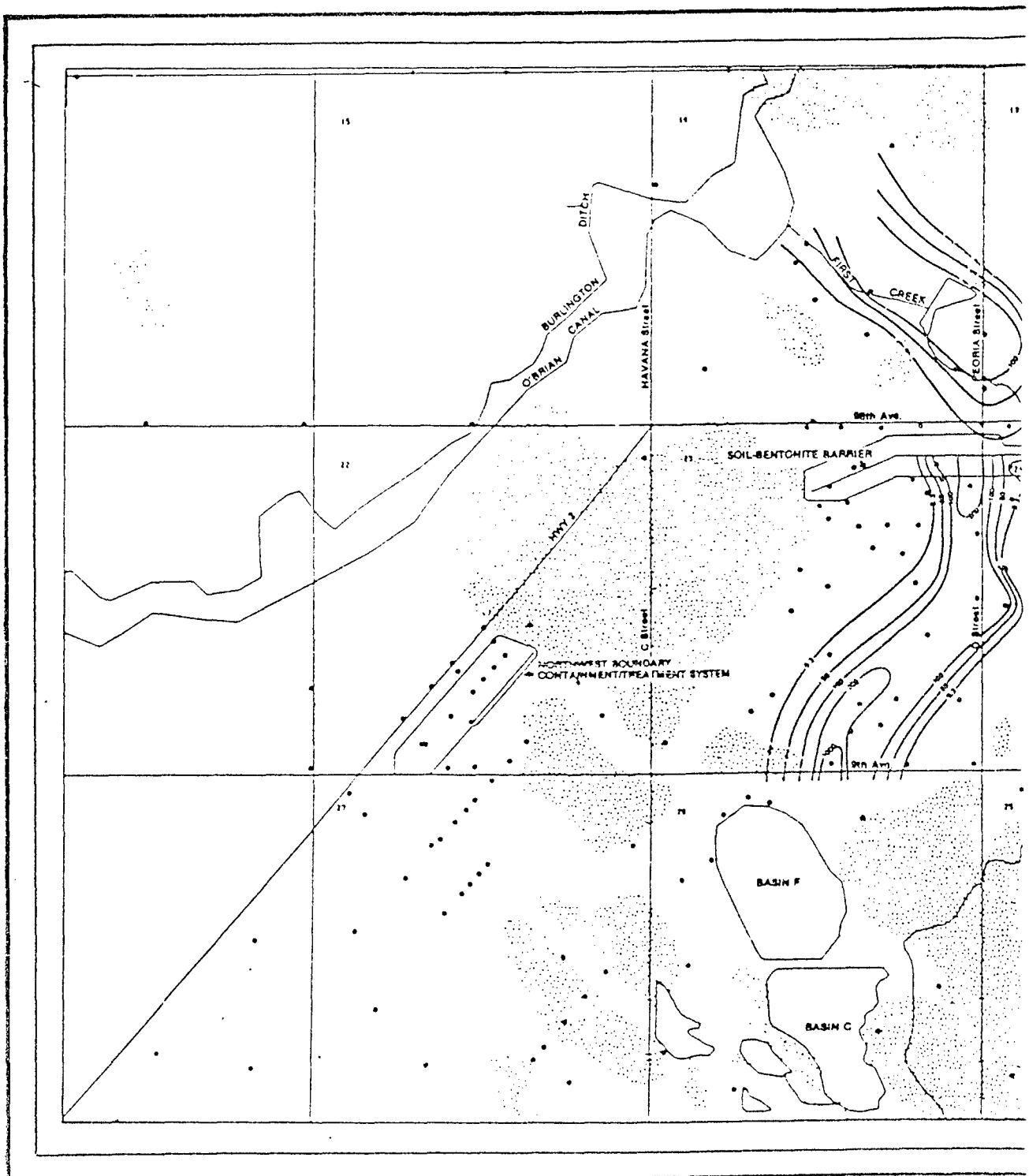
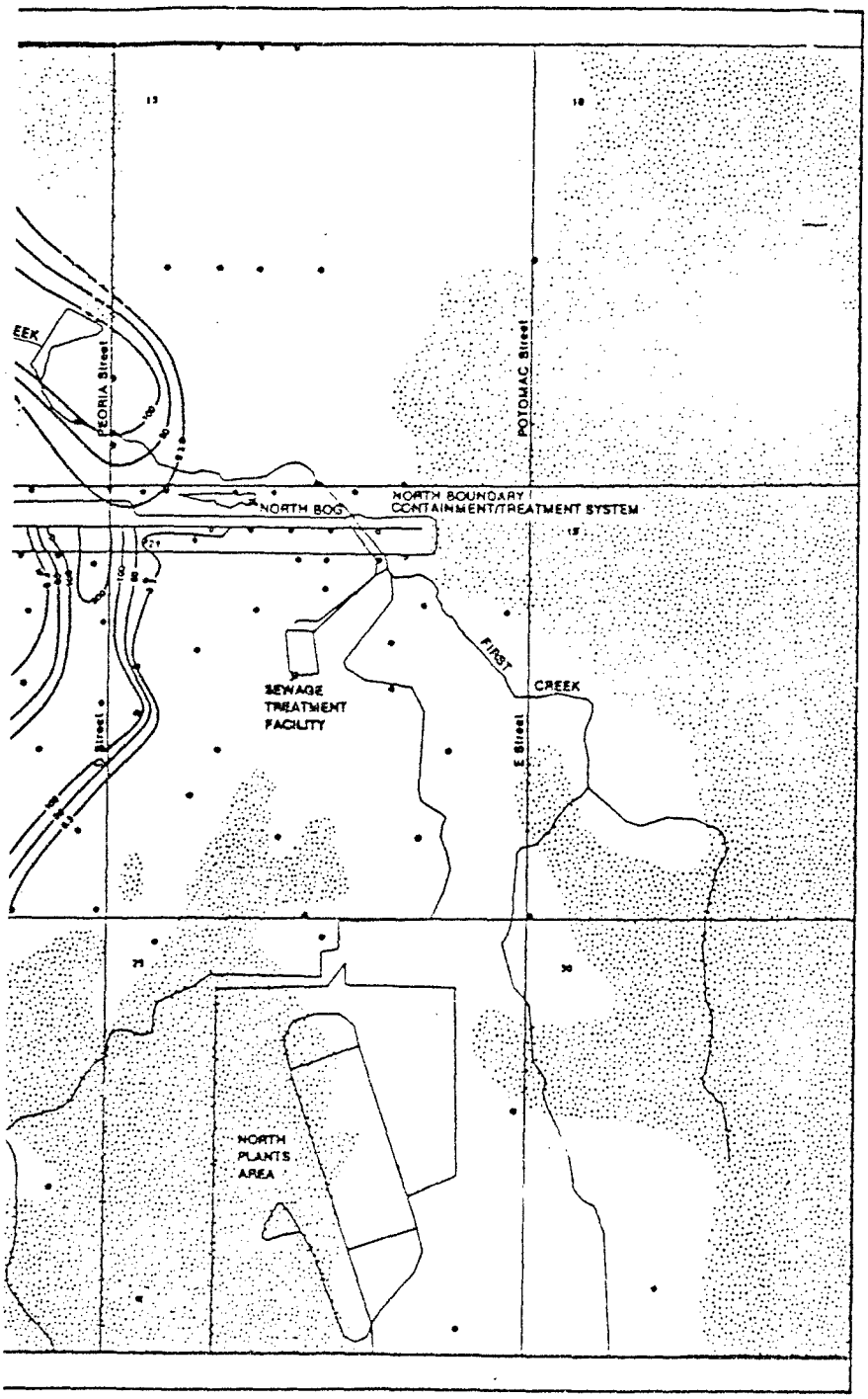


Figure B-70C
DCPD CONCENTRATION DISTRIBUTION, ug/l,
3RD QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE:ESE 1988

(2)



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

N

0 1000 2000

Scale In Feet

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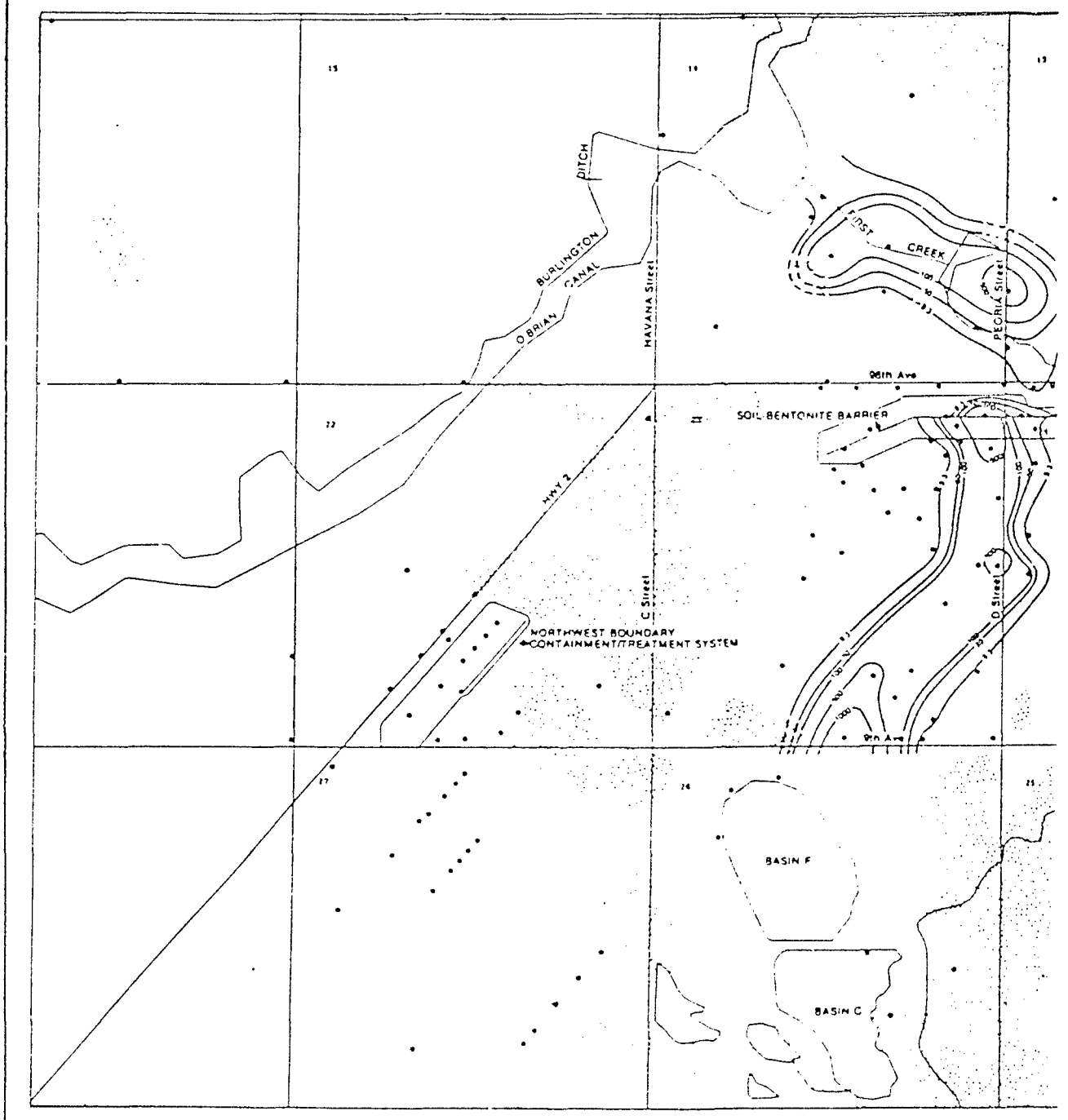
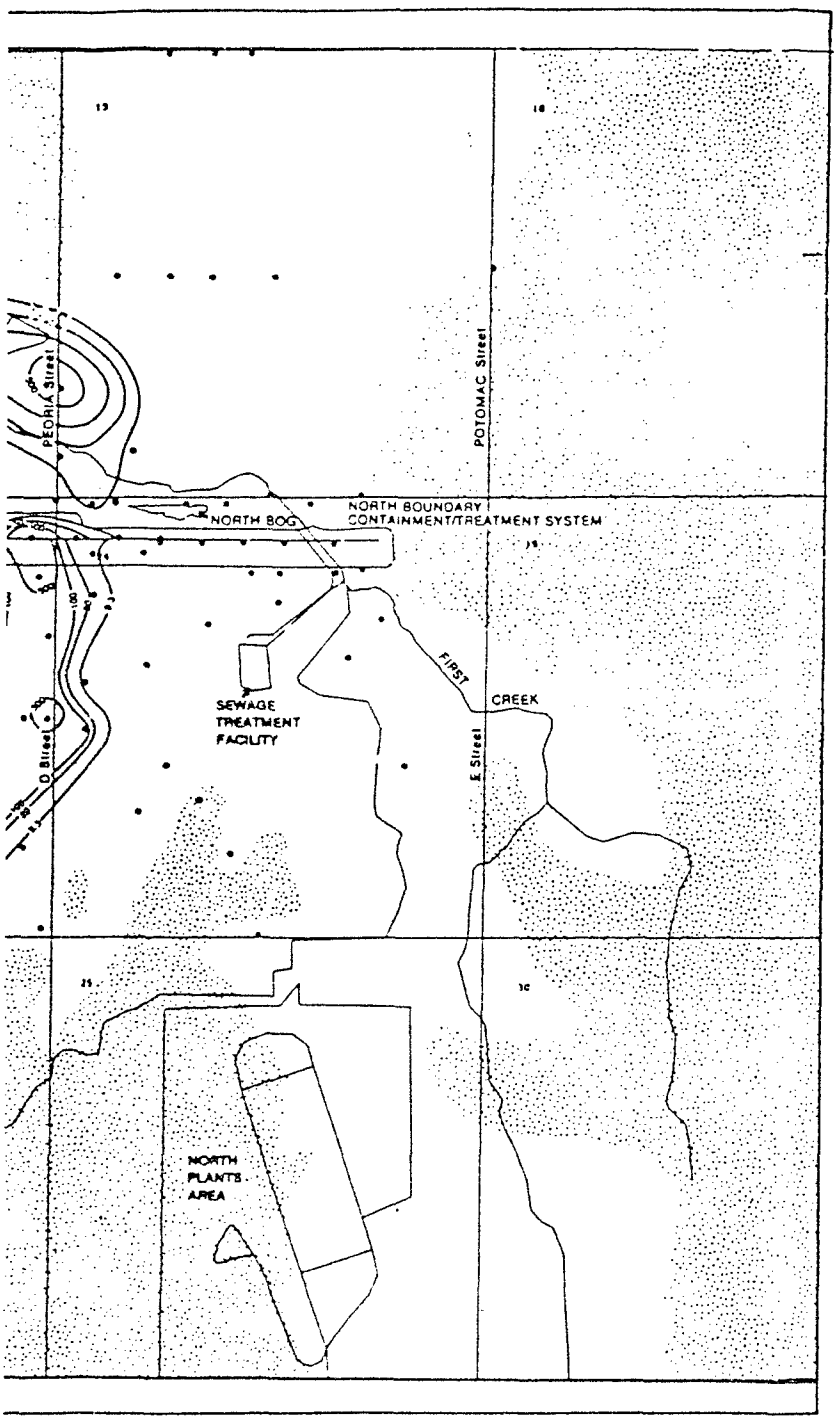


Figure B-70 D
DCPD CONCENTRATION DISTRIBUTION, ug/l,
4TH QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE ESE, 1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

N

0 1000 2000

Scale In Feet

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Aberdeen Proving Ground, Maryland

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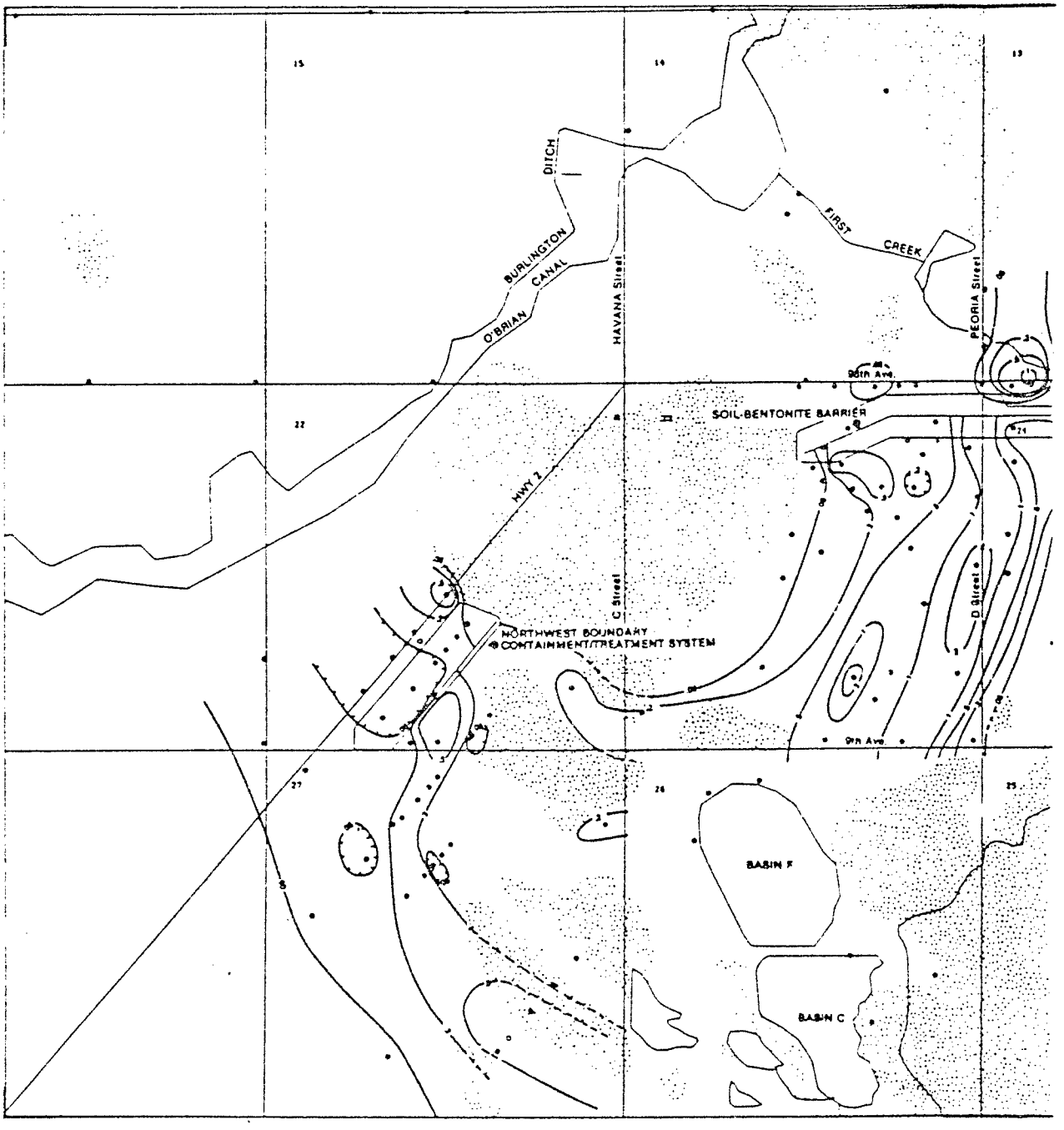
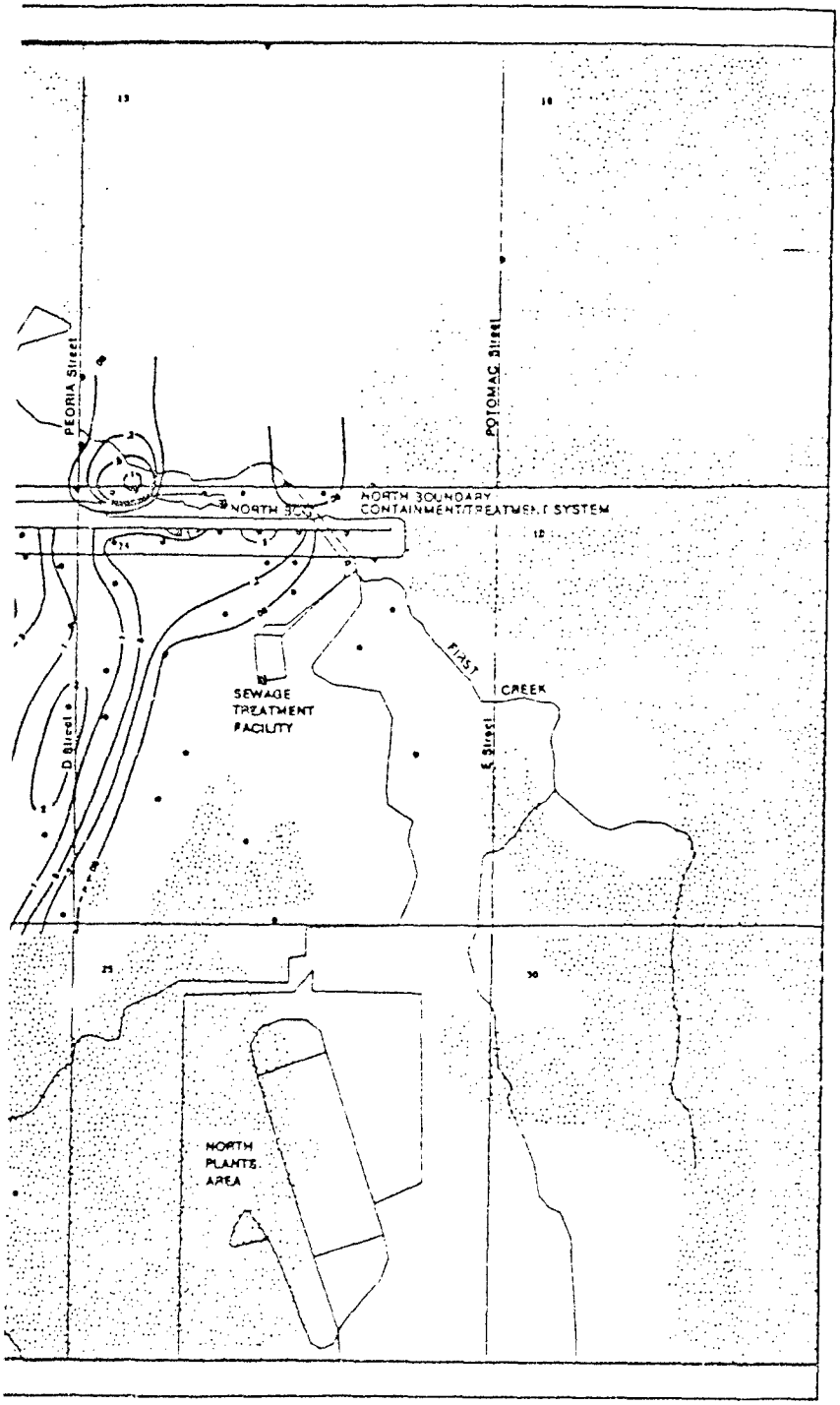


Figure B-71 B
DIELDRIN CONCENTRATION DISTRIBUTION, ug/l,
2ND QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE ESE, 1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

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Scale In Feet

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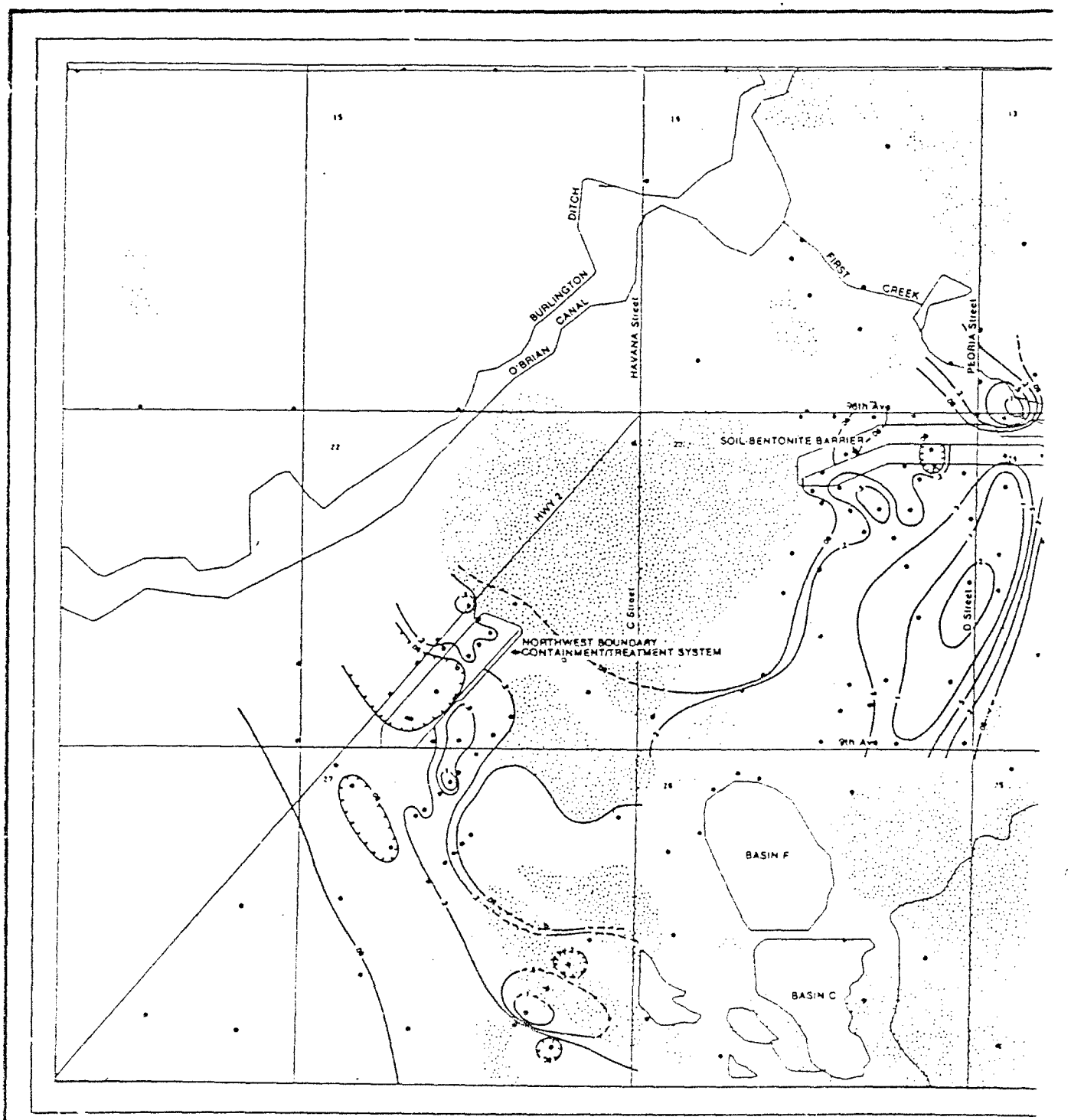
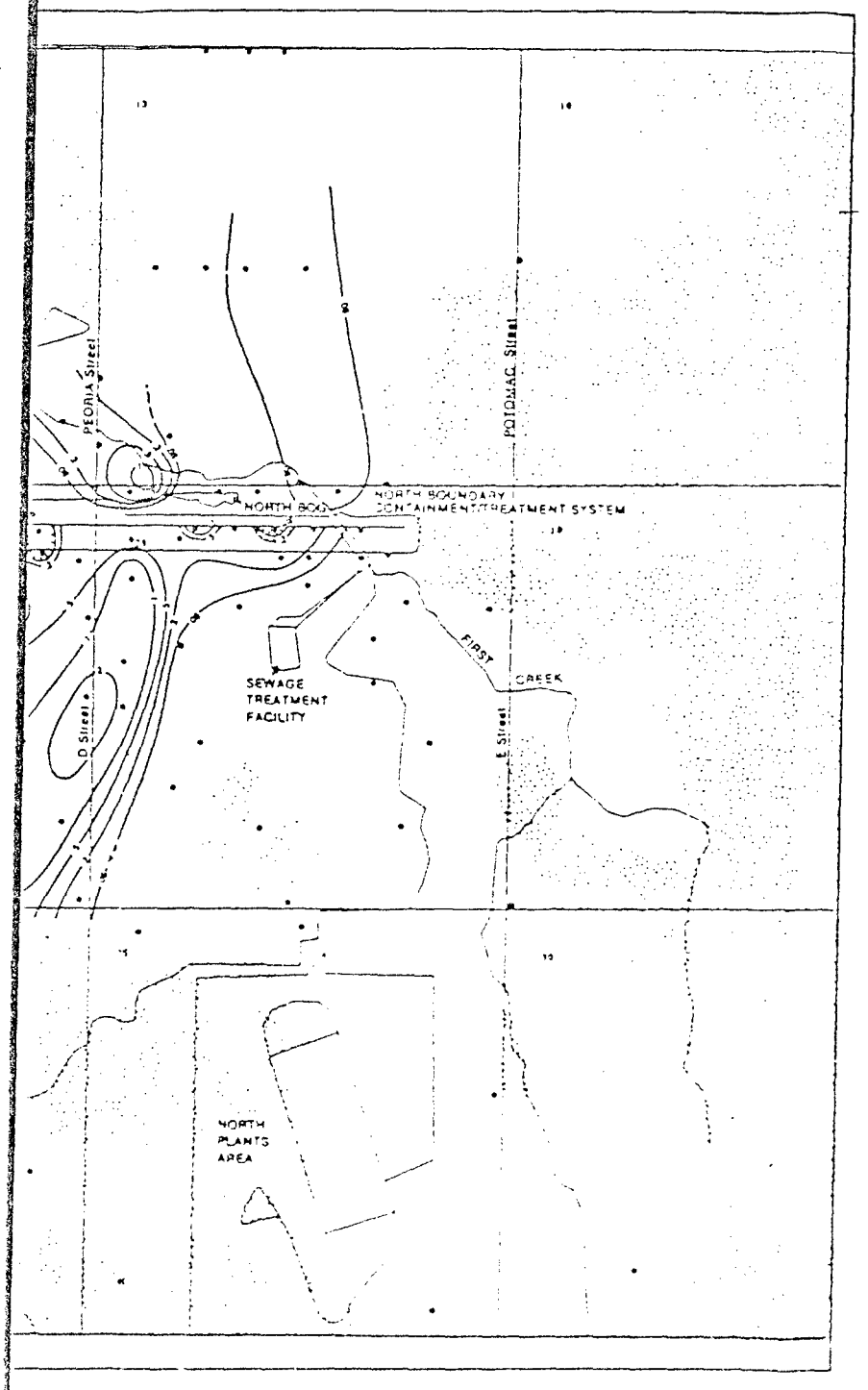


Figure B-71C
DIELDRIN CONCENTRATION DISTRIBUTION, ug/l,
3RD QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE:ESE,1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

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Scale in Feet

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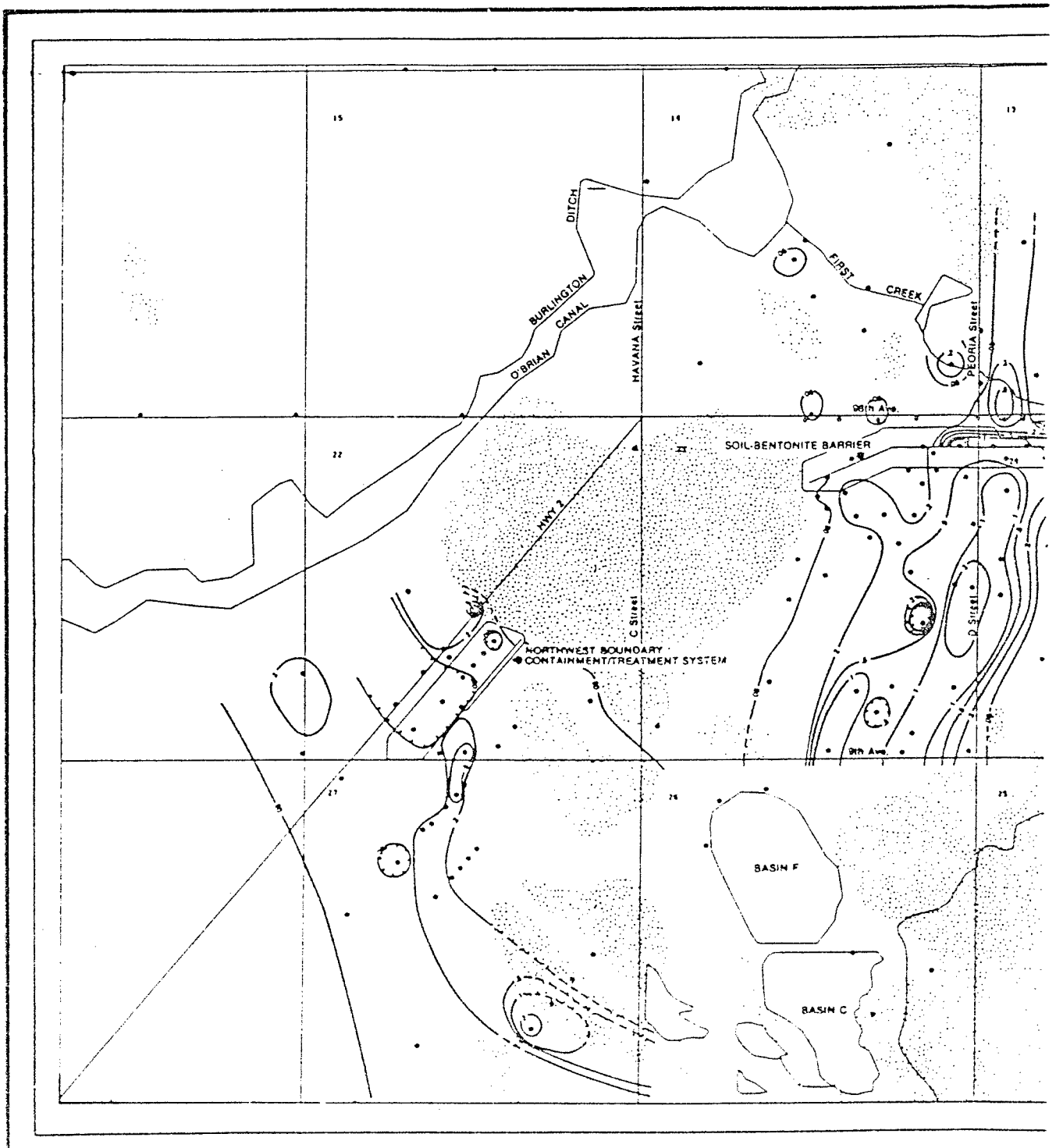
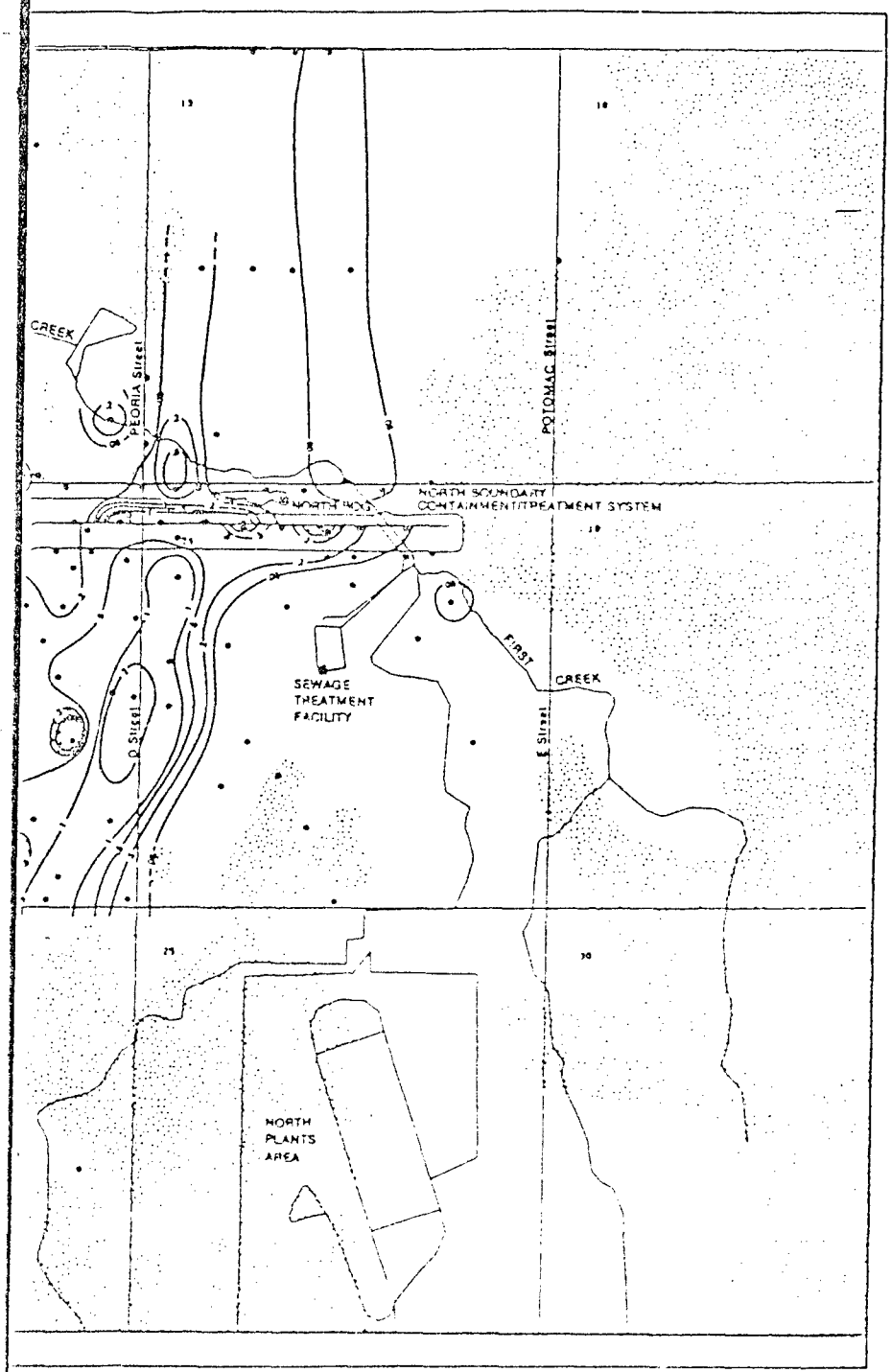


Figure B-71 D
DIELDRIN CONCENTRATION DISTRIBUTION, ug/l,
4TH QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE: ESE, 1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

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Scale In Feet

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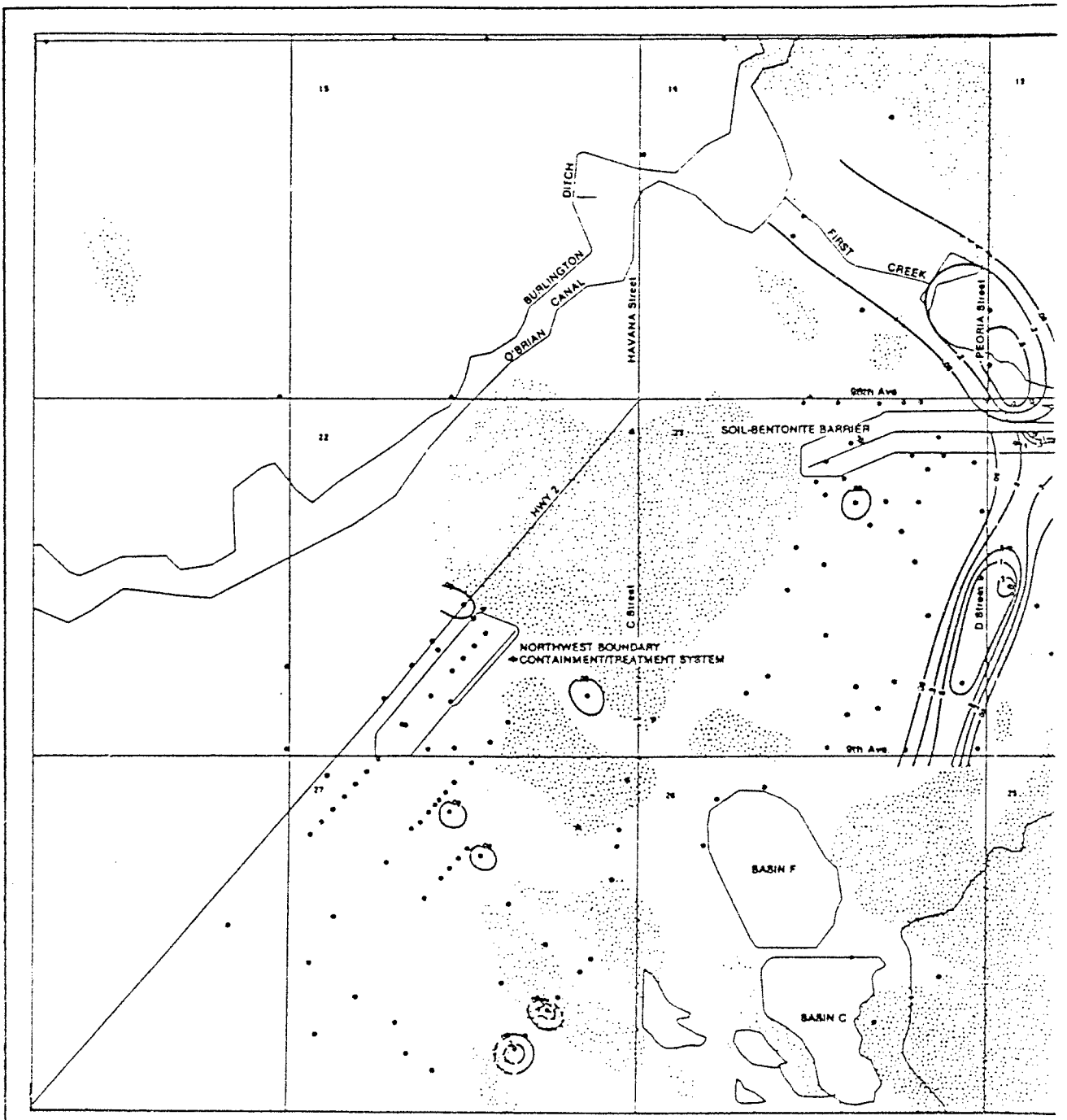
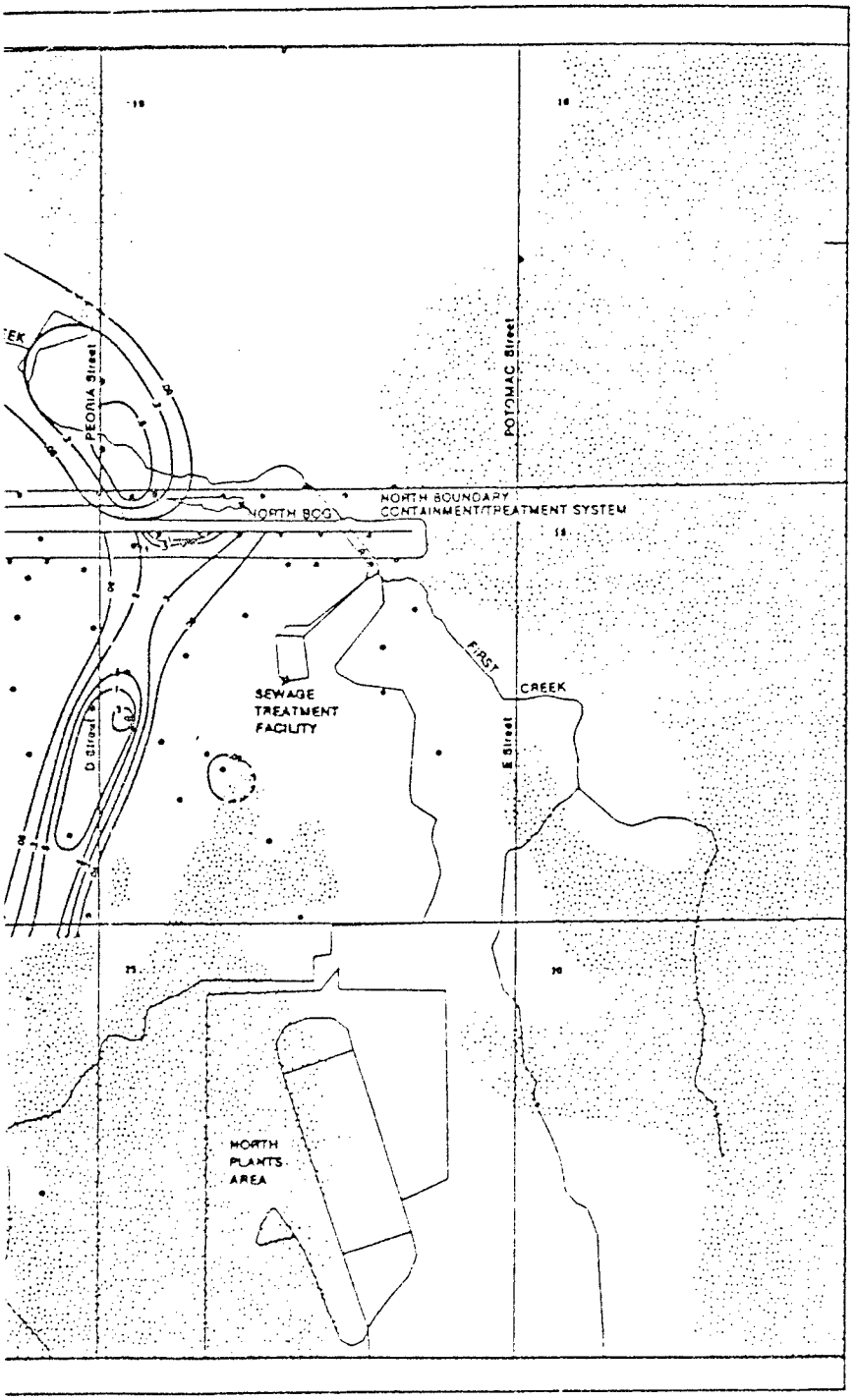


Figure B-72A
ENDRIN CONCENTRATION DISTRIBUTION, ug/l,
1ST QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE:ESE 1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

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Scale in Feet

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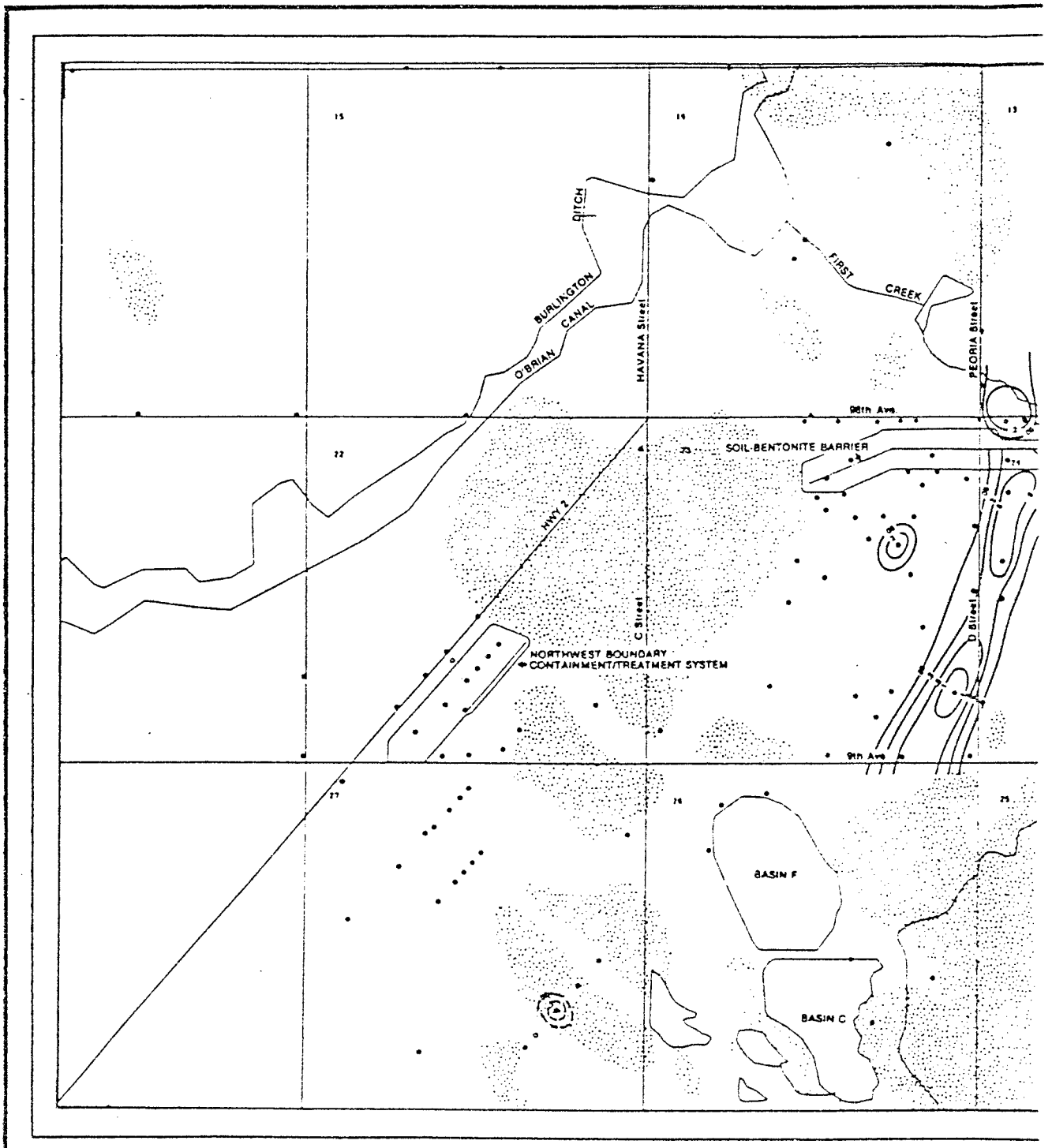
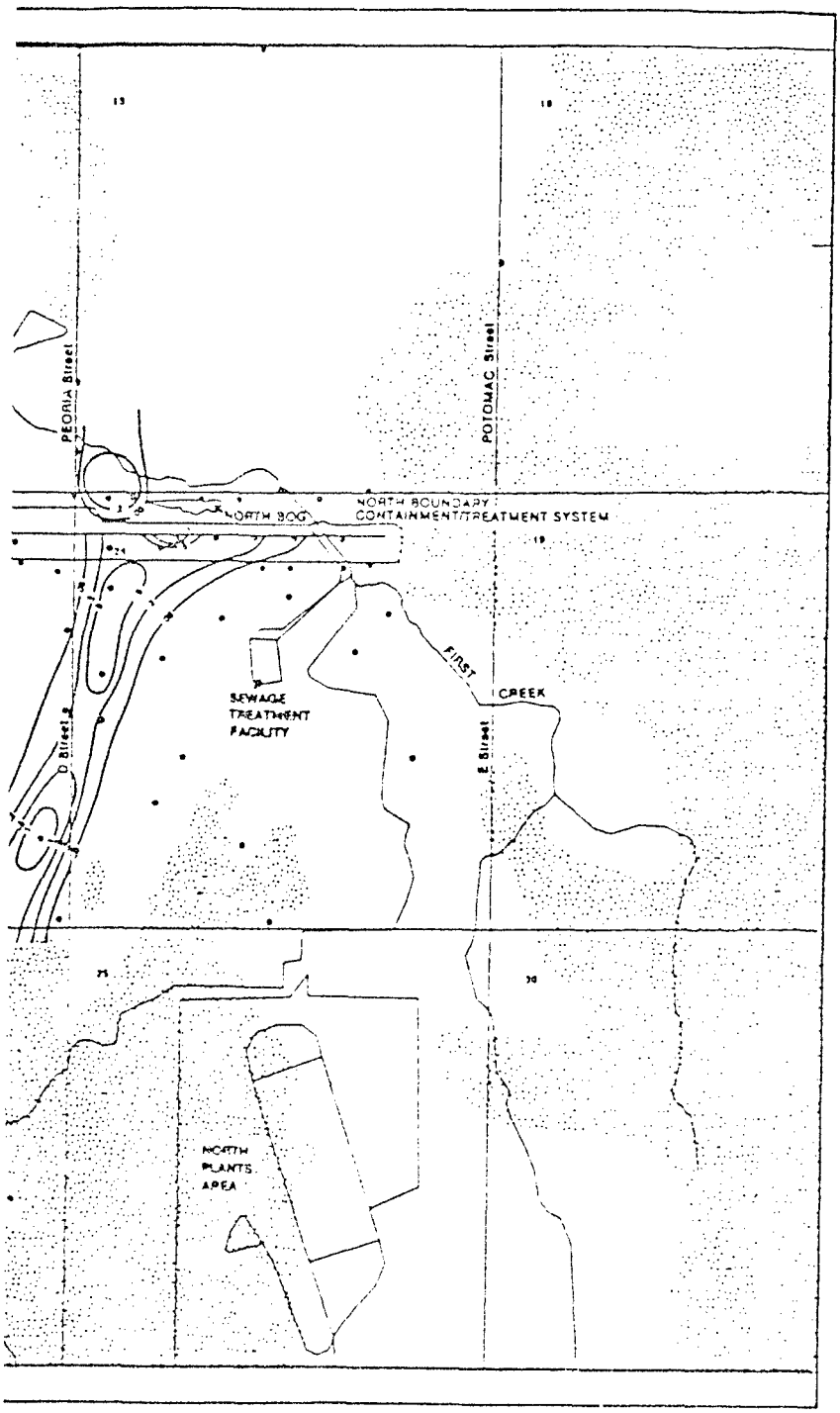


Figure B-72B
ENDRIN CONCENTRATION DISTRIBUTION, ug/l,
2ND QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE: ESE, 1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

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Scale In Feet

Prepared for:
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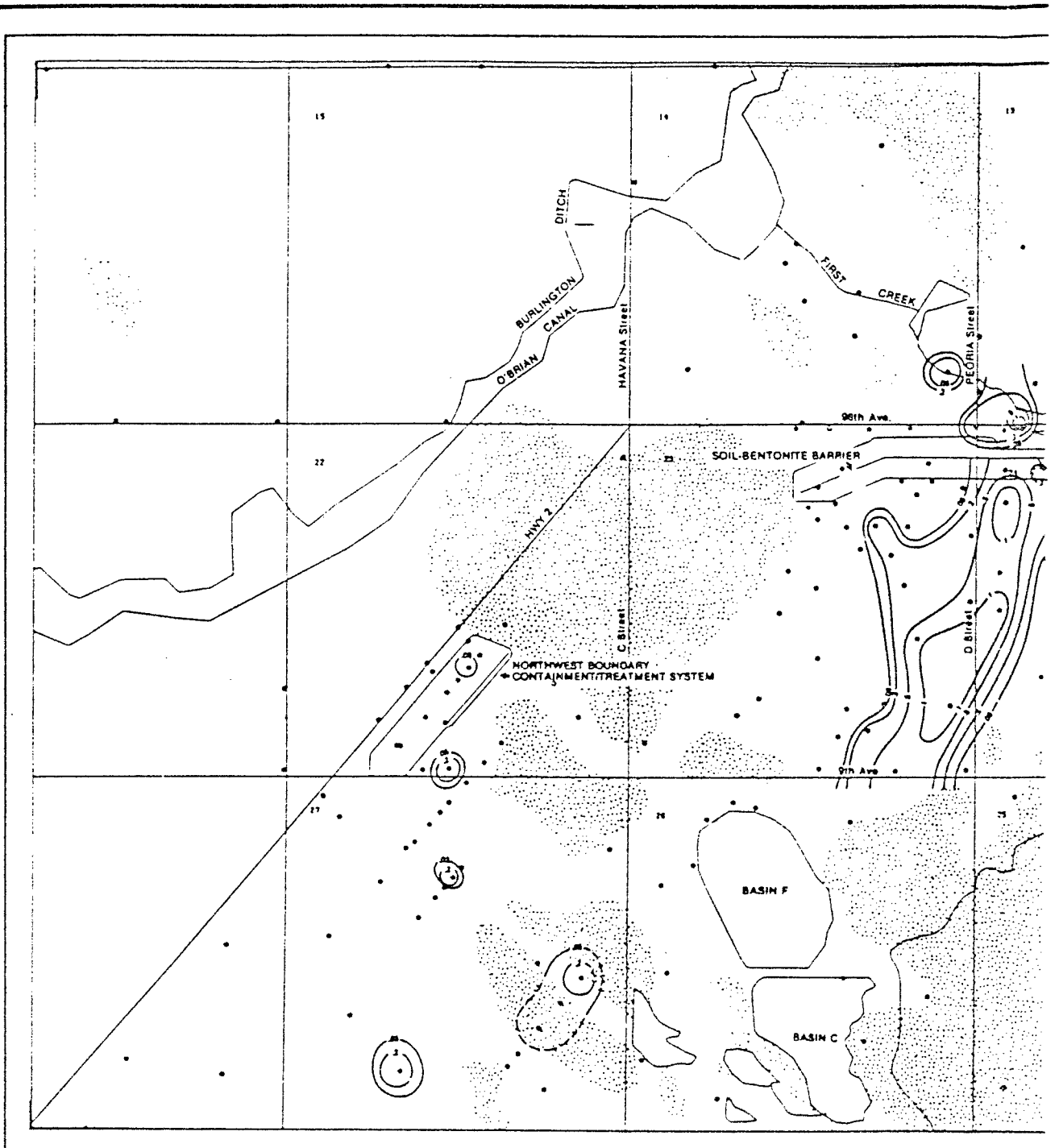
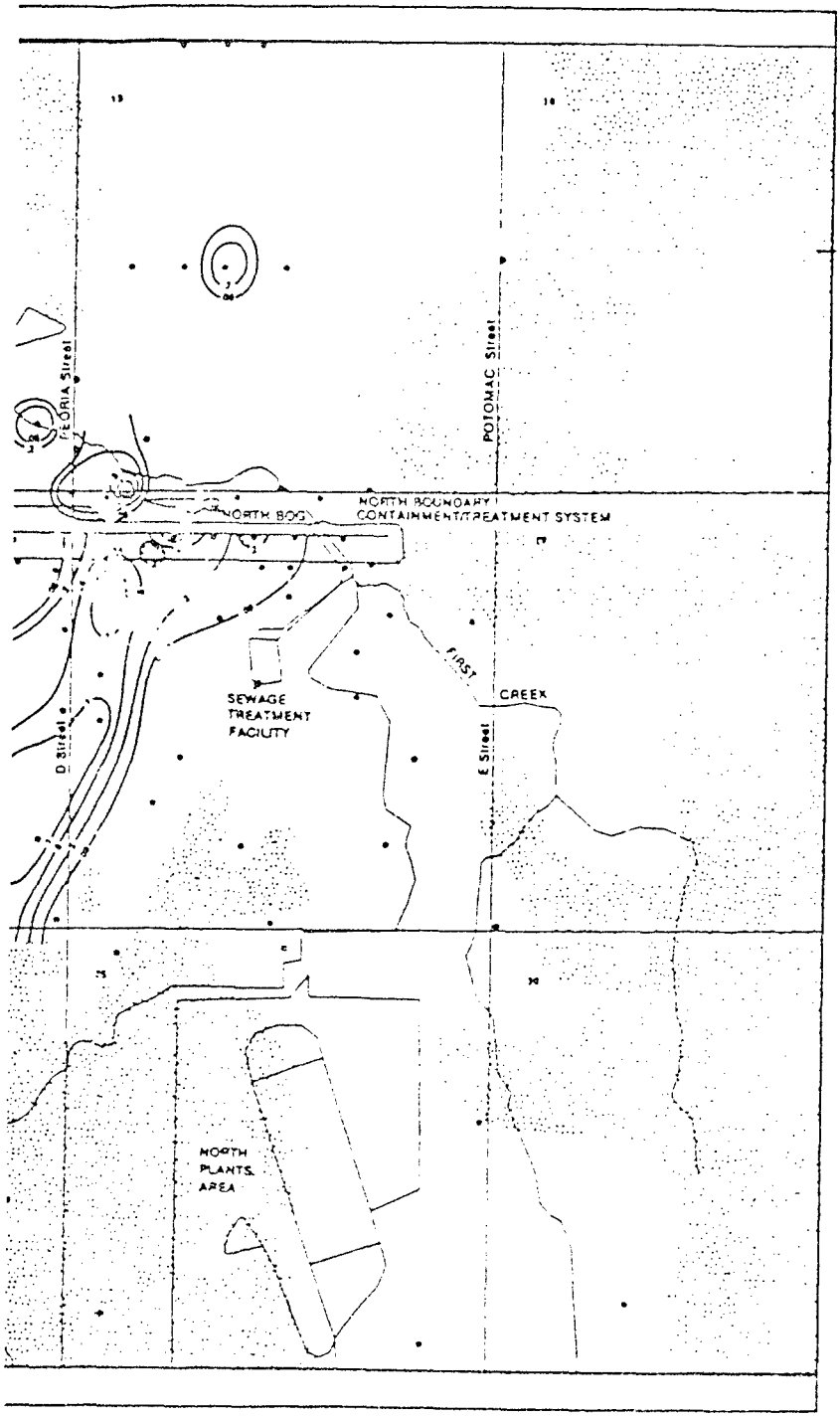


Figure B-72C
ENDRIN CONCENTRATION DISTRIBUTION, ug/l,
3RD QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE:ESE,1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

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Scale in Feet

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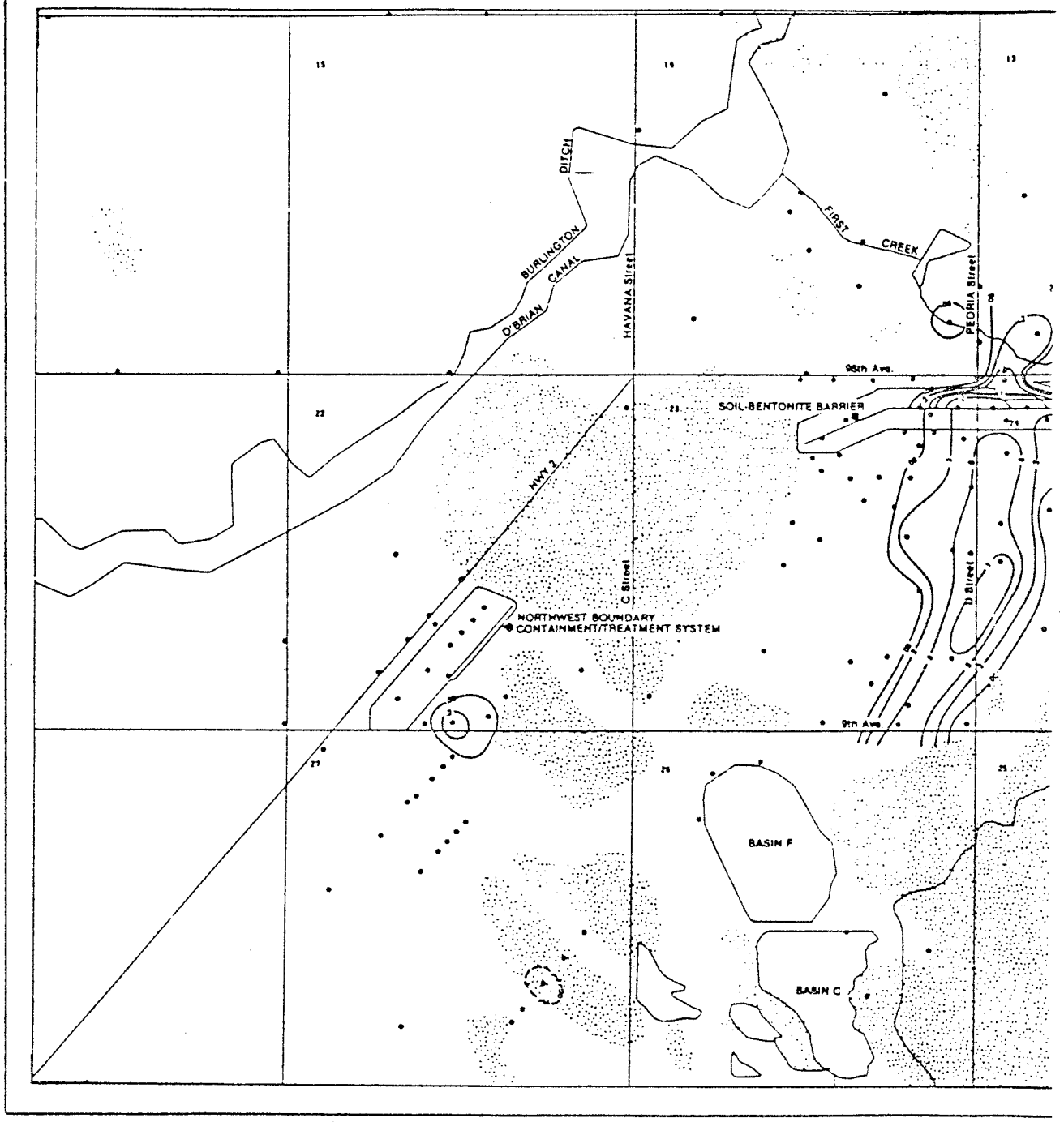
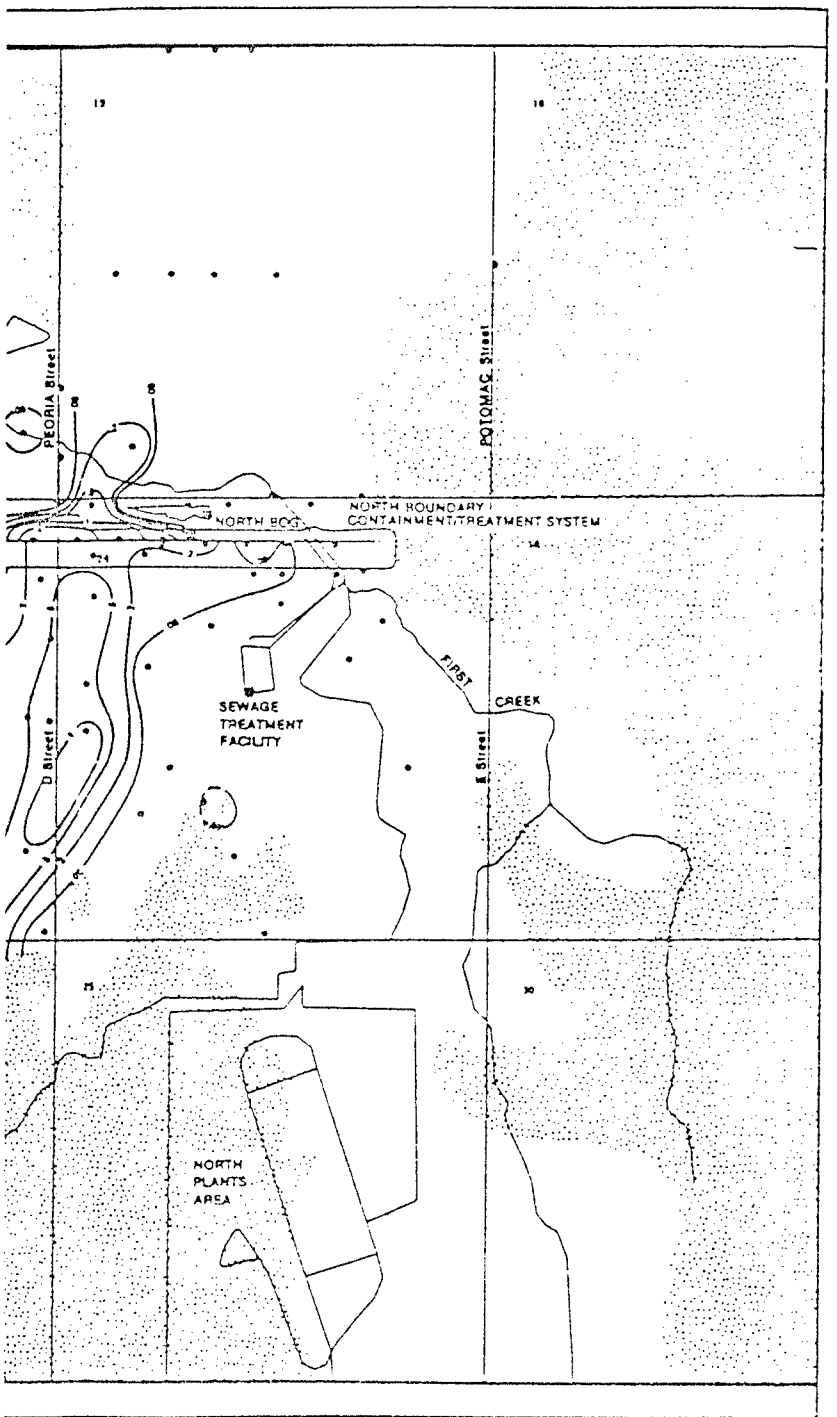


Figure B-72 D
ENDRIN CONCENTRATION DISTRIBUTION, ug/l,
4TH QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE:ESE,1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

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Scale In Feet

Prepared for:
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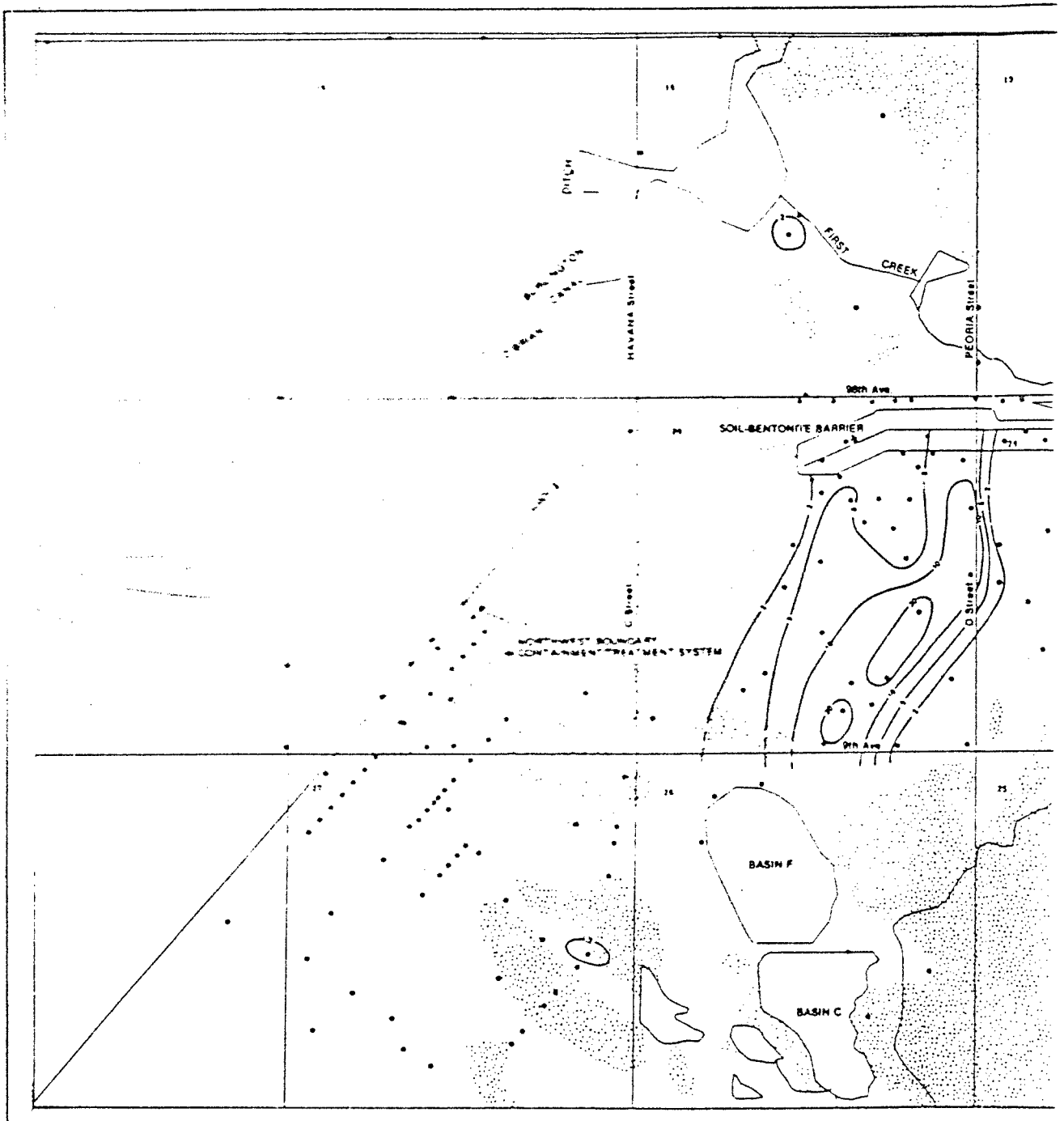
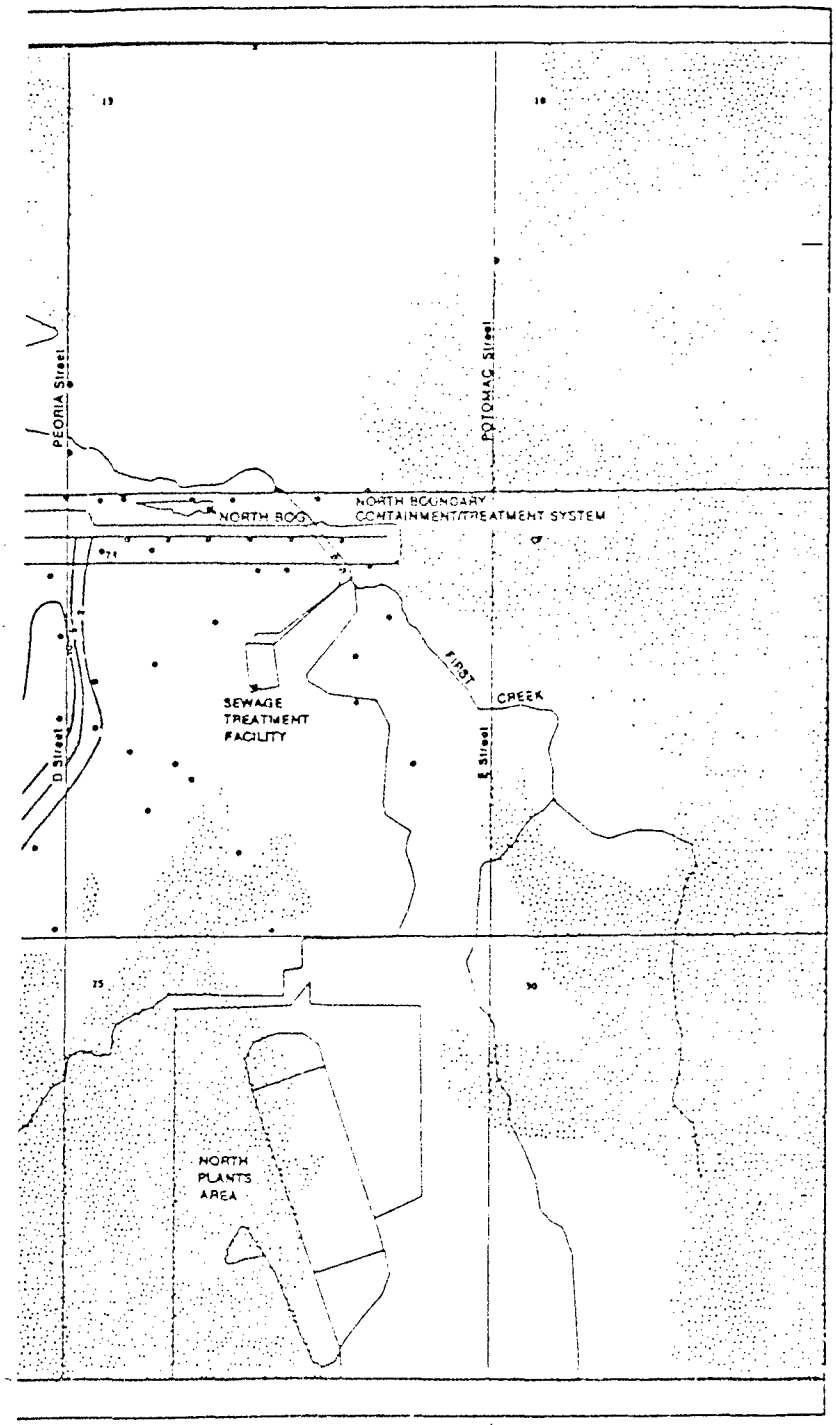


Figure B-73A
1,4-OXATHIANE CONCENTRATION DISTRIBUTION,ug/l
1ST QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE:ESE,1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

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Scale in Feet

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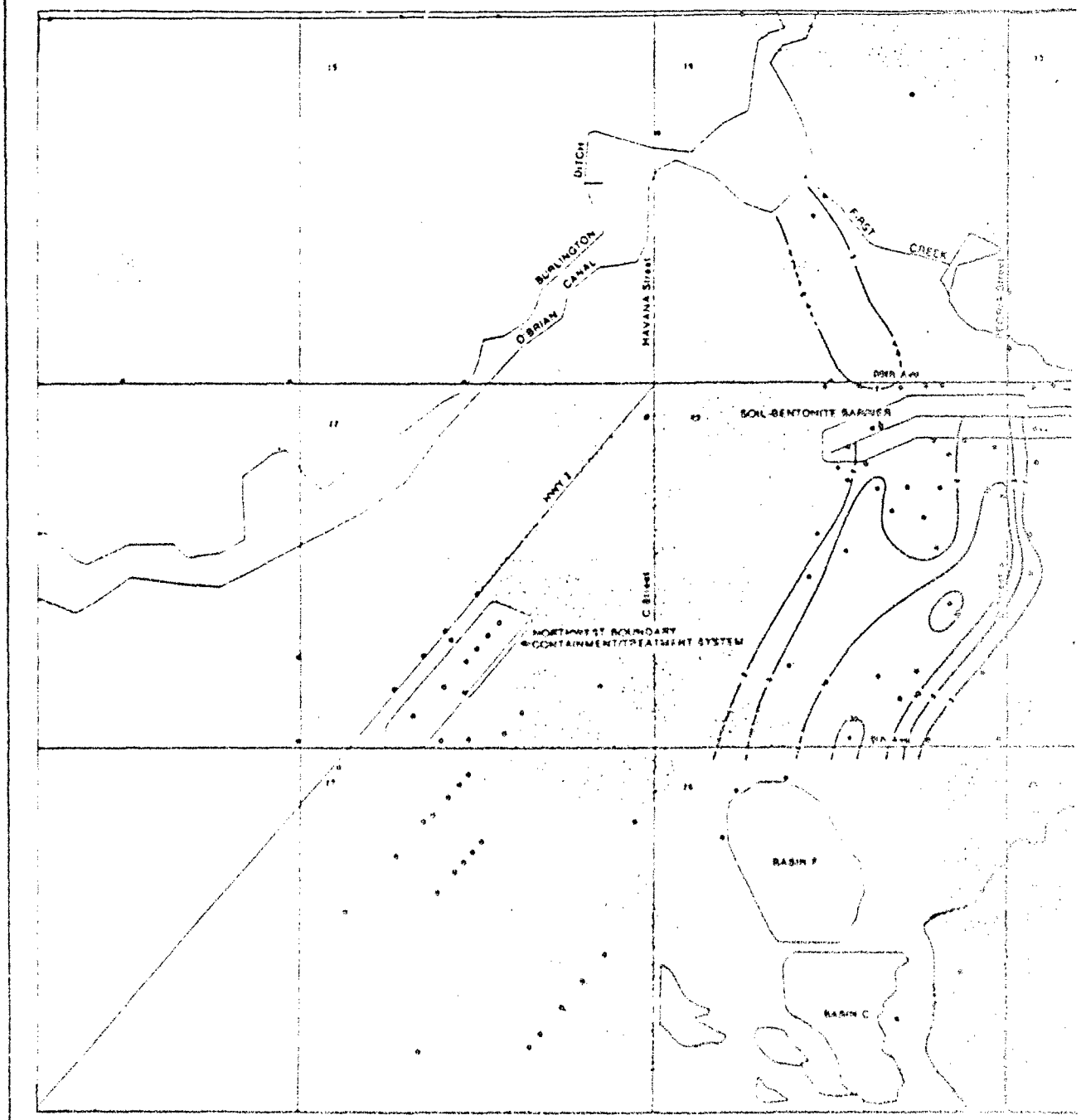
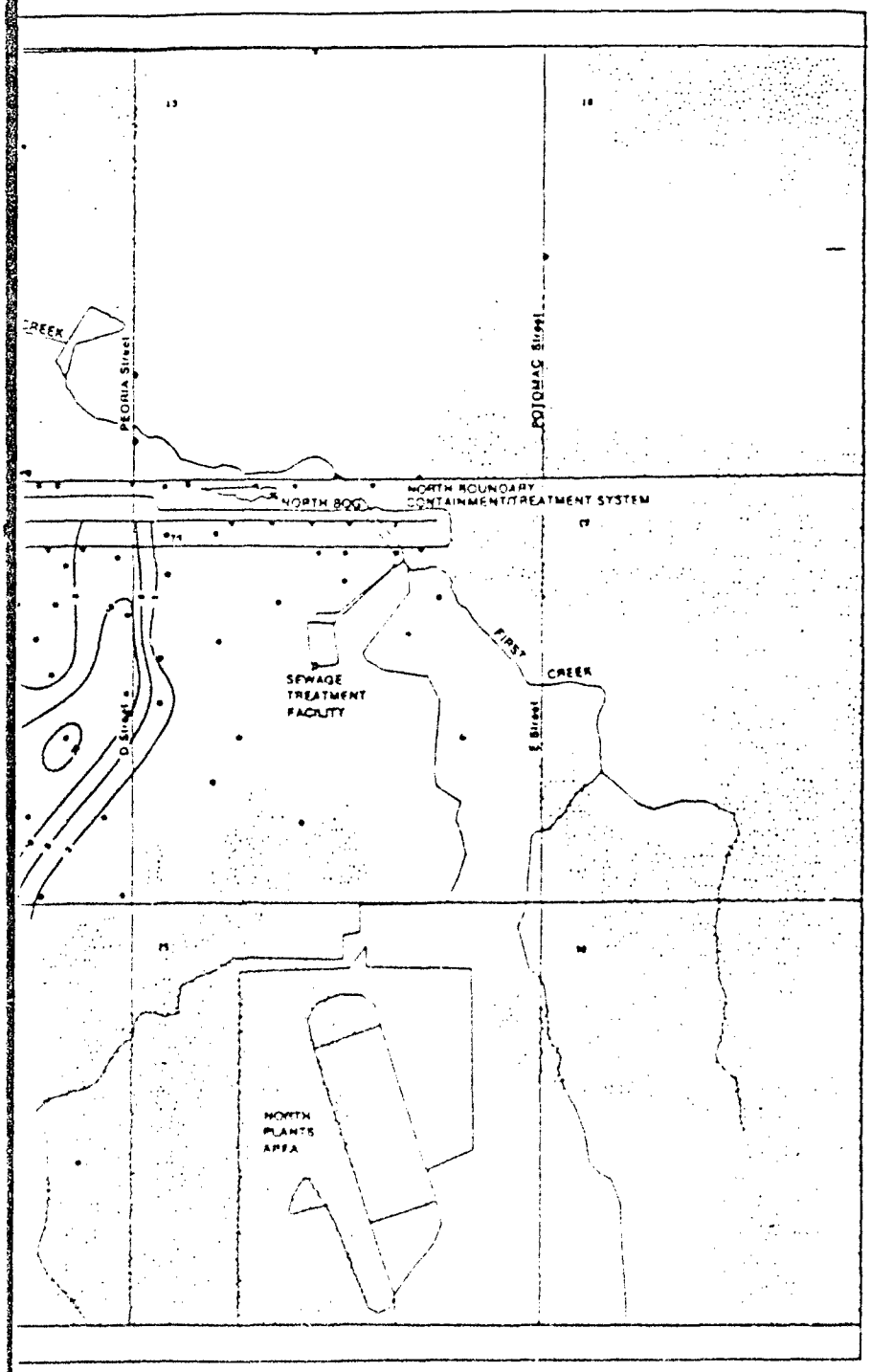


Figure B-73 B
1,4-OXATHIANE CONCENTRATION DISTRIBUTION,ug/l
2ND QUARTER, FY97, ALLUVIAL AQUIFER

SOURCE: CDE 1998



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

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Scale in Feet

Prepared for:
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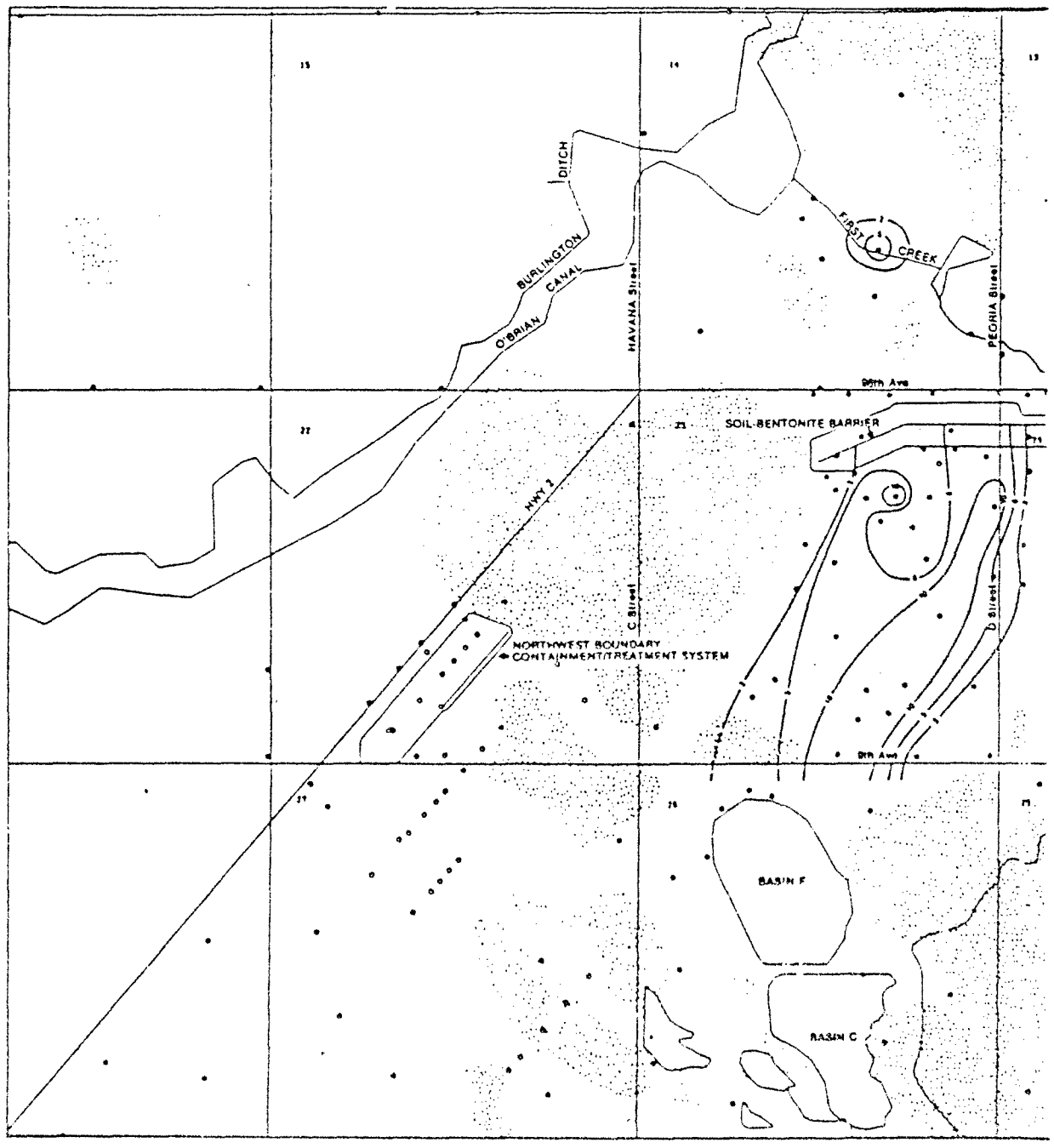
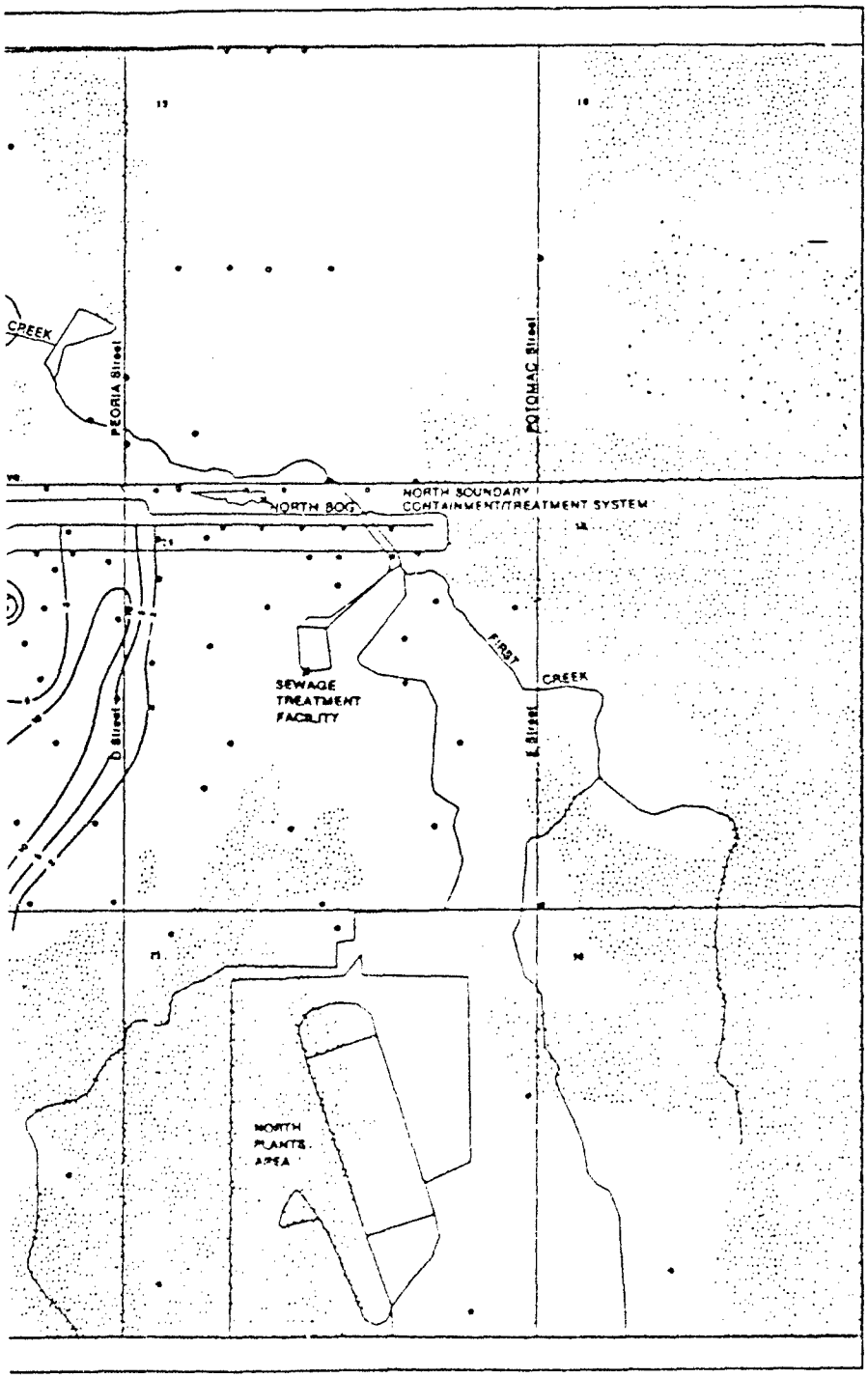


Figure B-73 C
1,4-OXATHIANE CONCENTRATION DISTRIBUTION,ug/l
3RD QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE ESE,1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

N

0 1000 2000

Scale In Feet

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

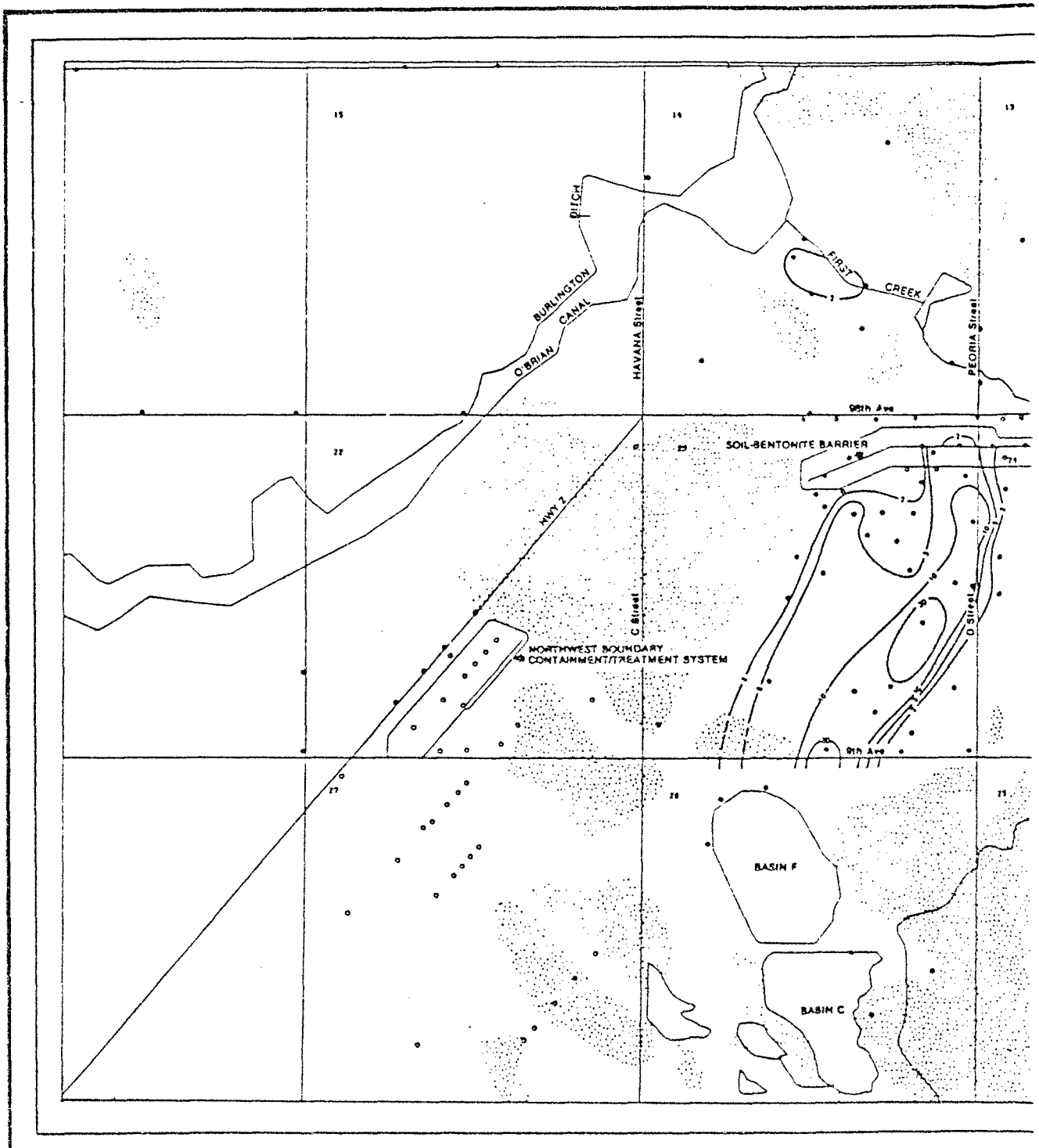
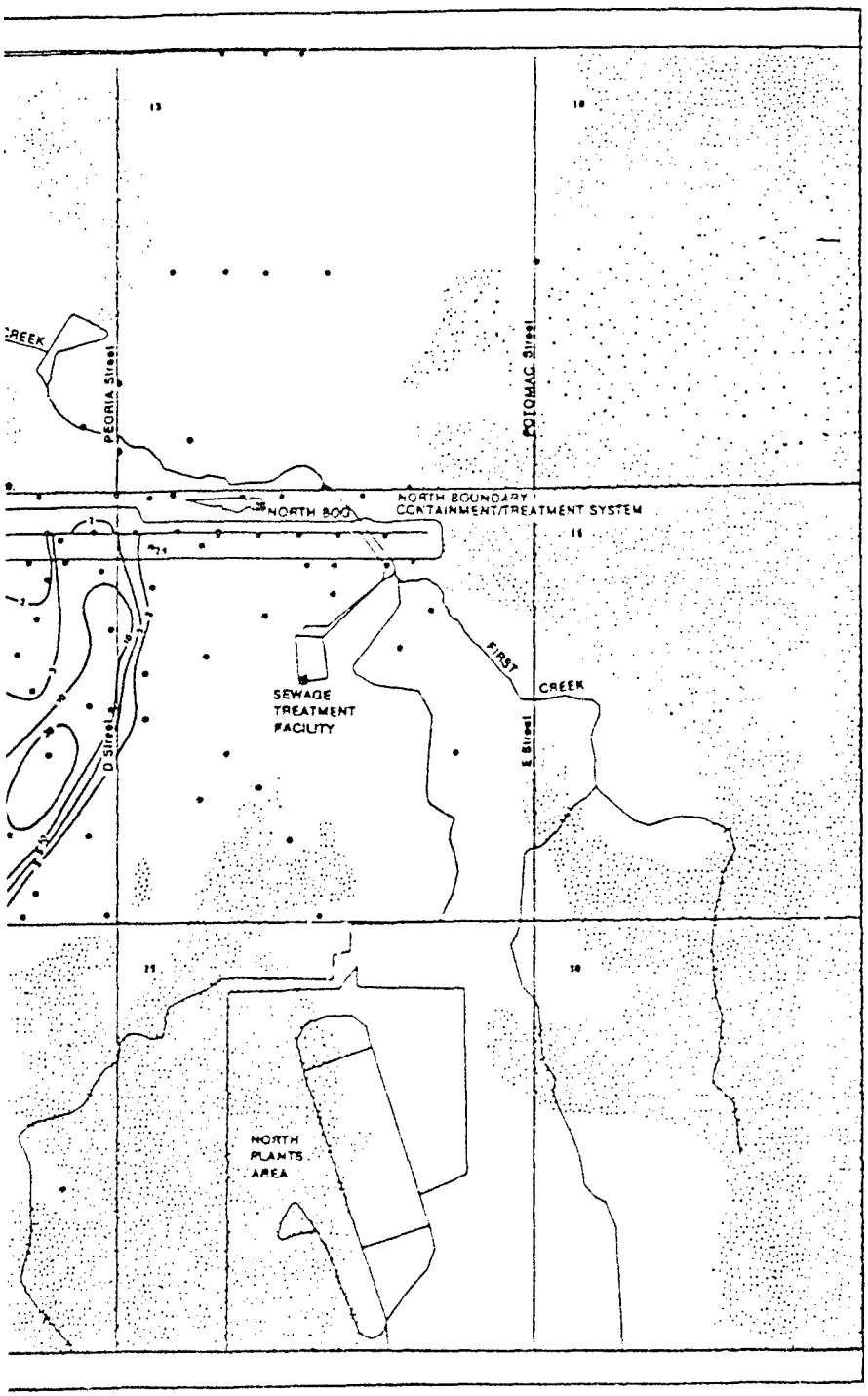


Figure B-73D
1,4-OXATHIANE CONCENTRATION DISTRIBUTION,ug/l
4TH QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE ESE, 1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

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0 1000 2000

Scale in Feet

Prepared for:
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For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

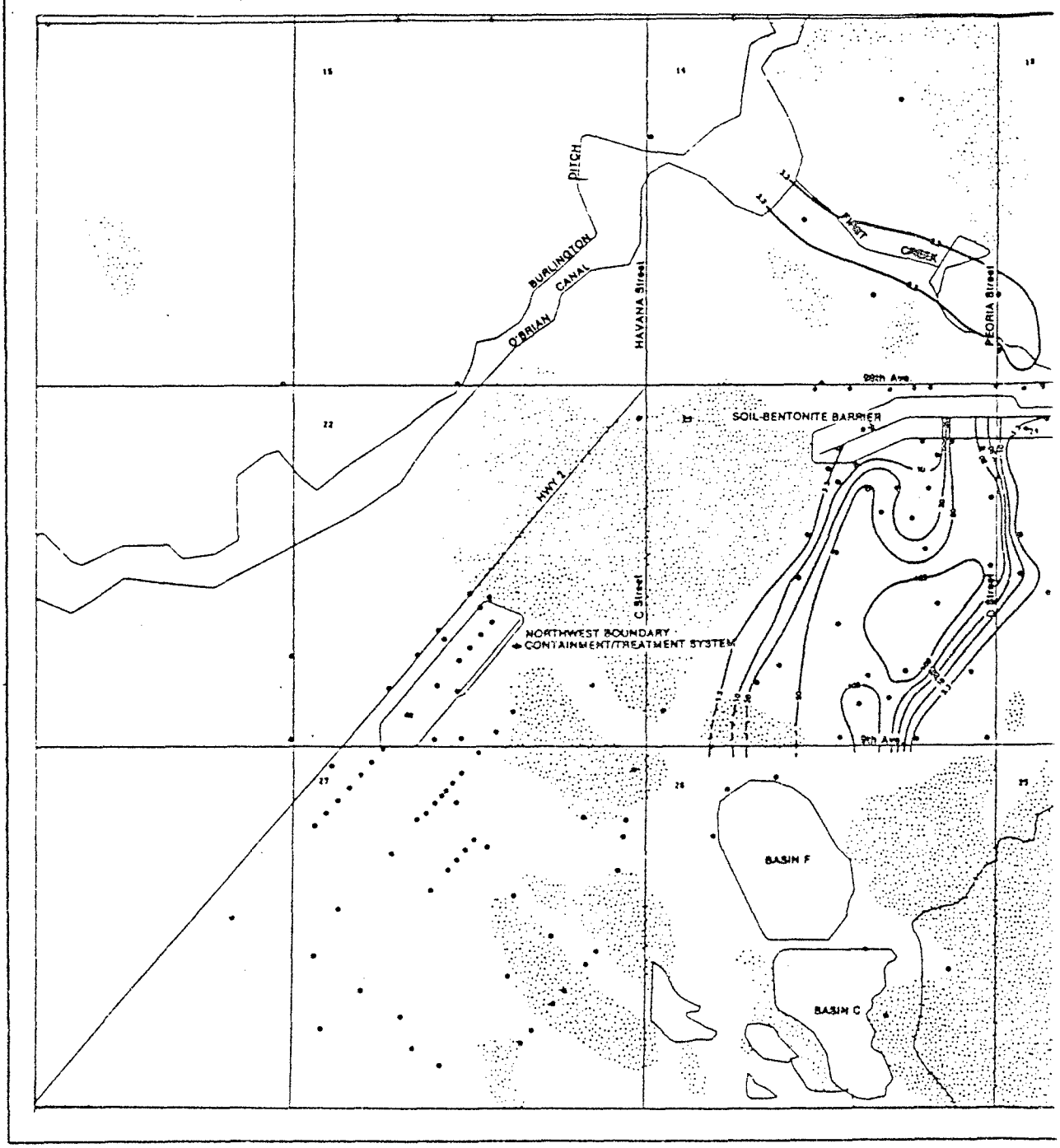
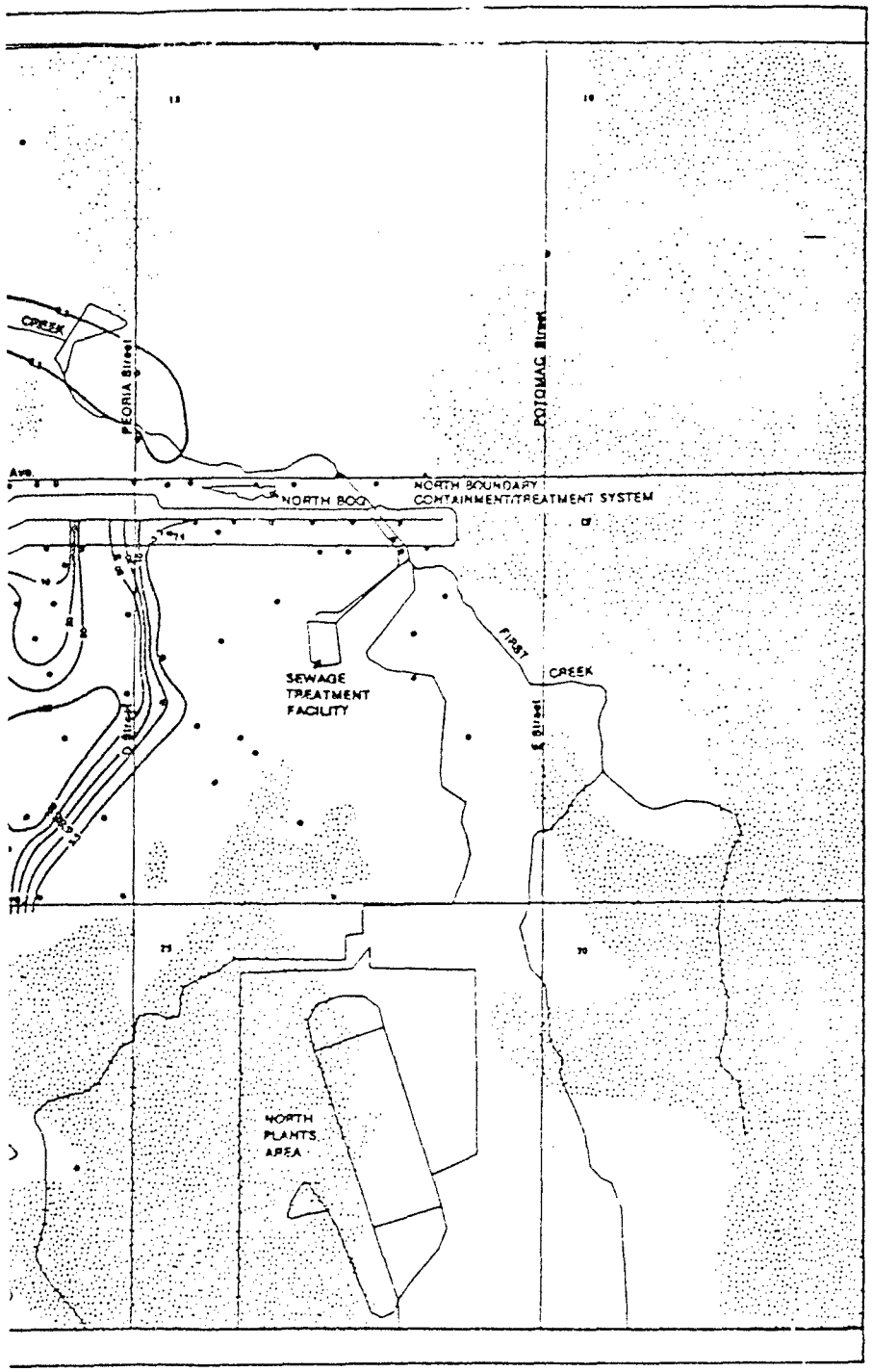


Figure B-74A
1,4-DITHIANE CONCENTRATION DISTRIBUTION, ug/l,
1ST QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE: ESE, 1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

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Scale In Feet

Prepared for:
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Aberdeen Proving Ground, Maryland

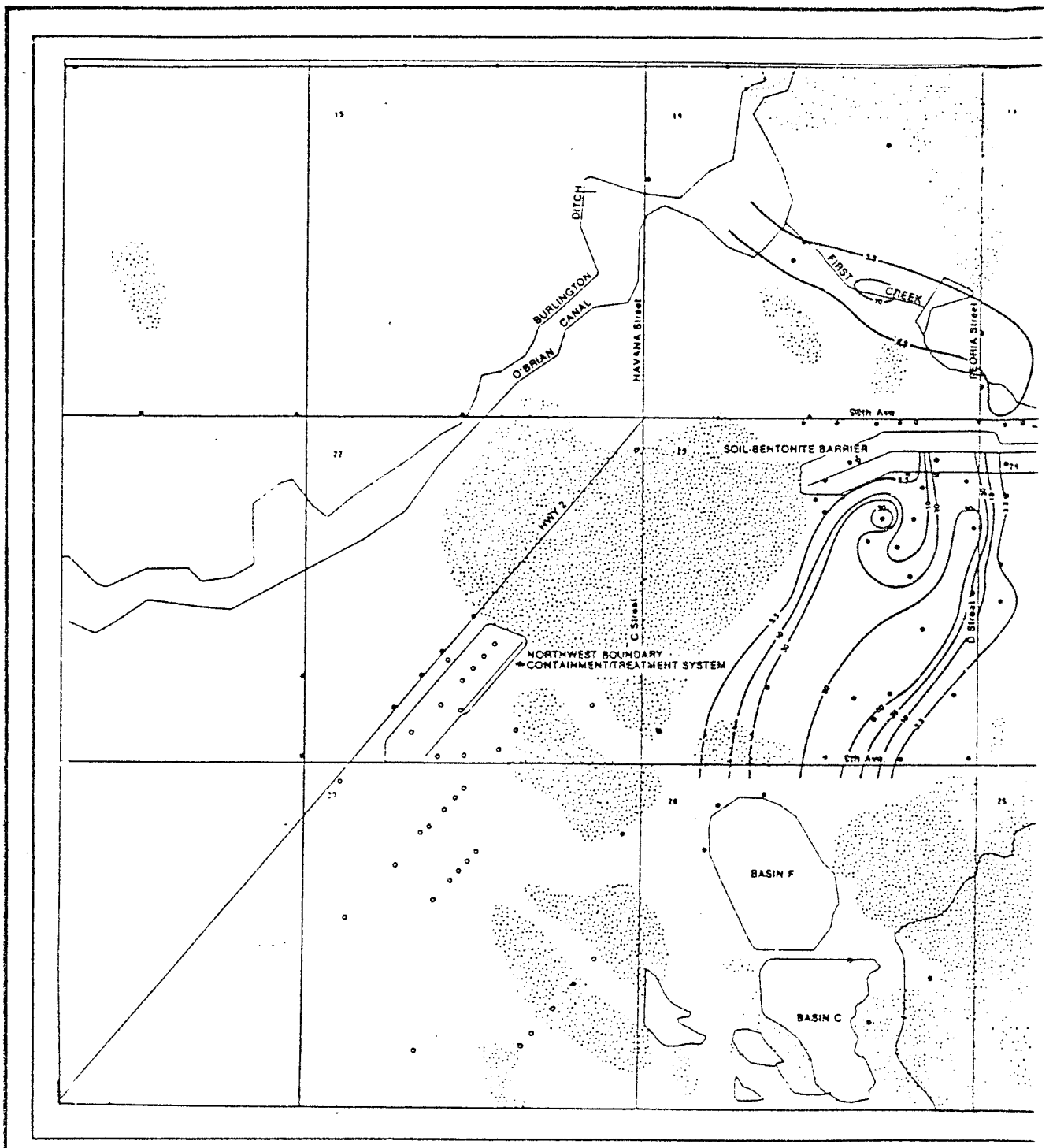
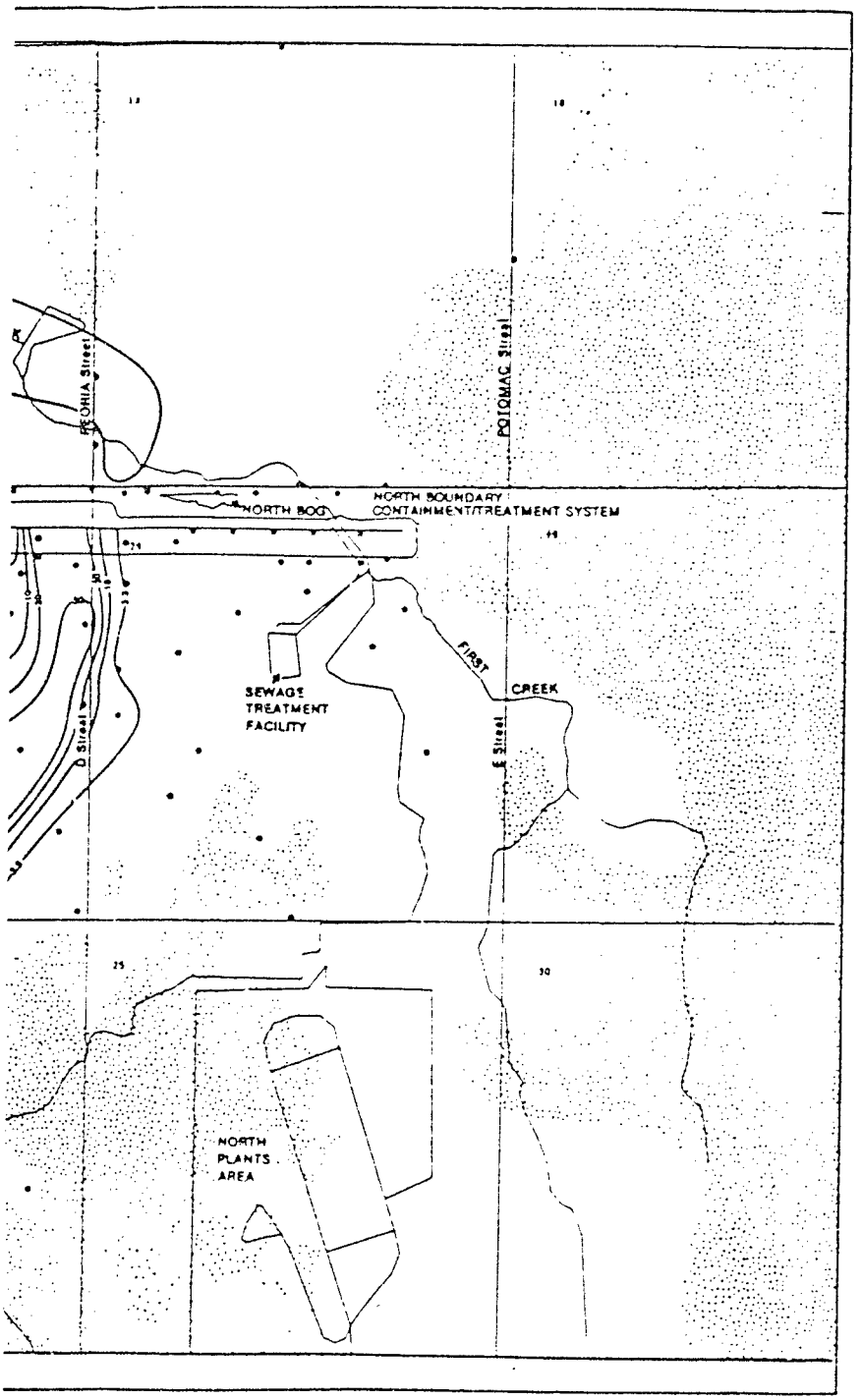


Figure B-74 B
1,4-DITHIANE CONCENTRATION DISTRIBUTION, ug/l,
2ND QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE: ESE, 1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

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0 1000 2000

Scale in Feet

Prepared for:
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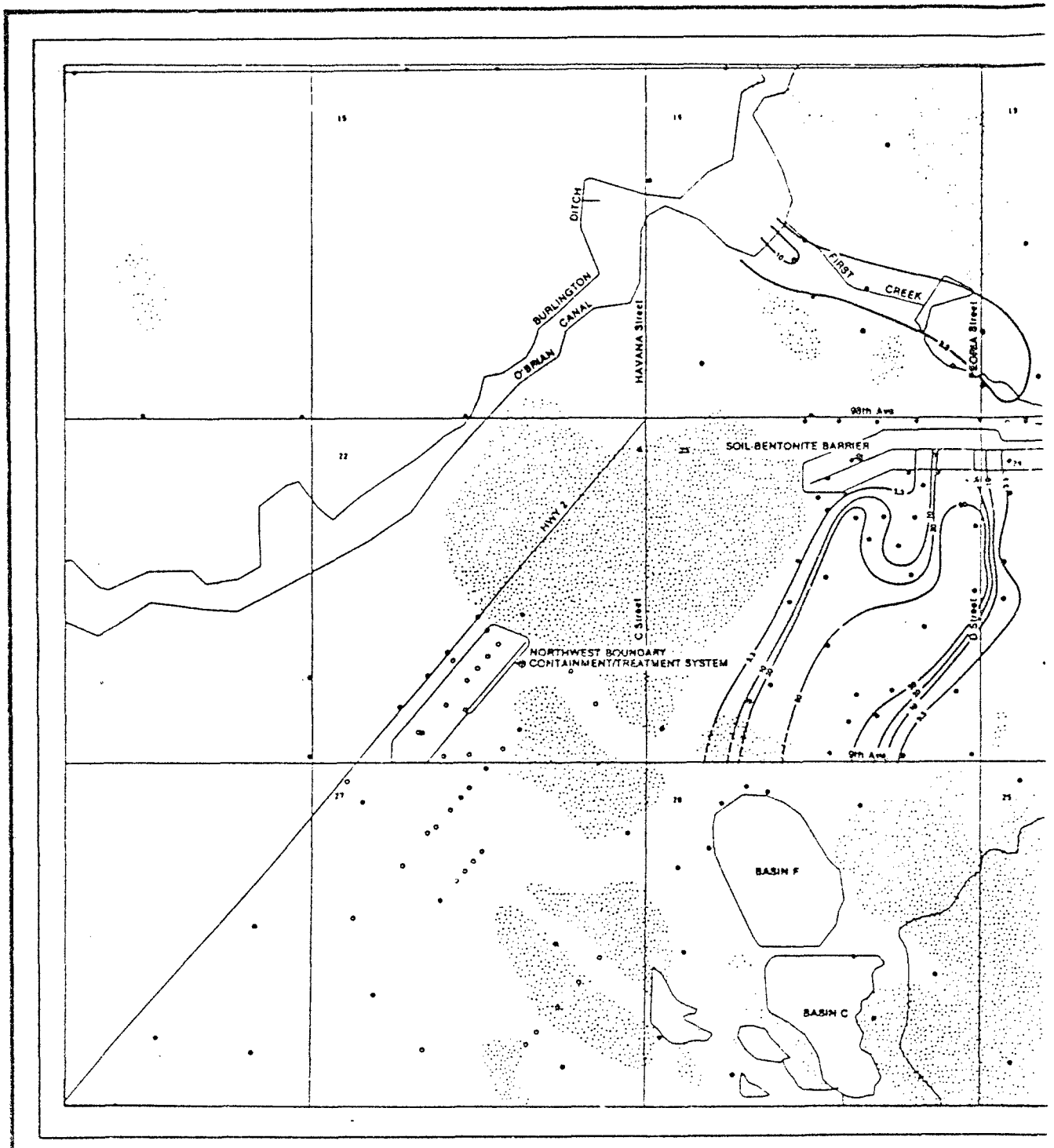
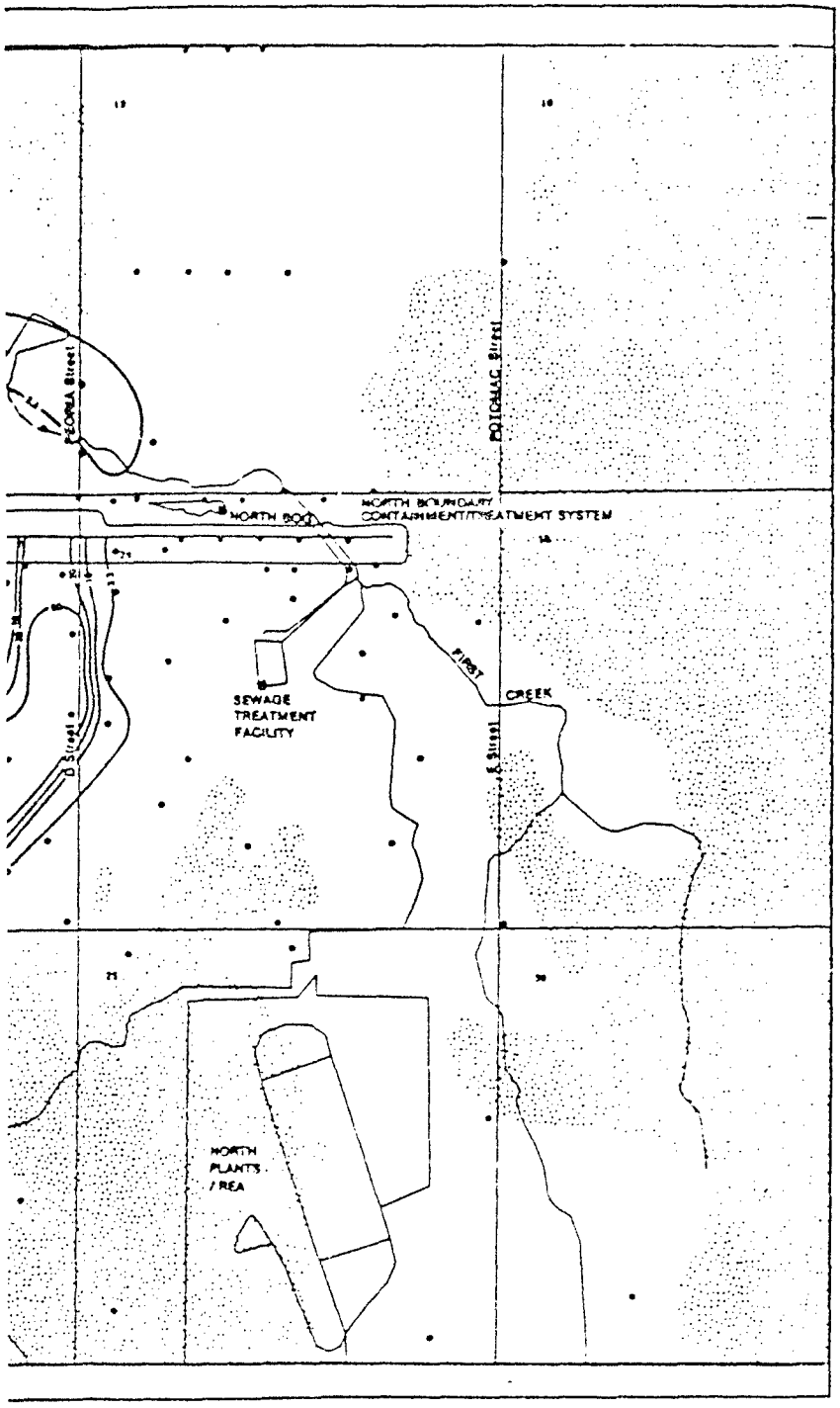


Figure B-74C
1,4-DITHIANE CONCENTRATION DISTRIBUTION, ug/l,
3RD QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE:ESE,1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

N

0 1000 2000

Scale in Feet

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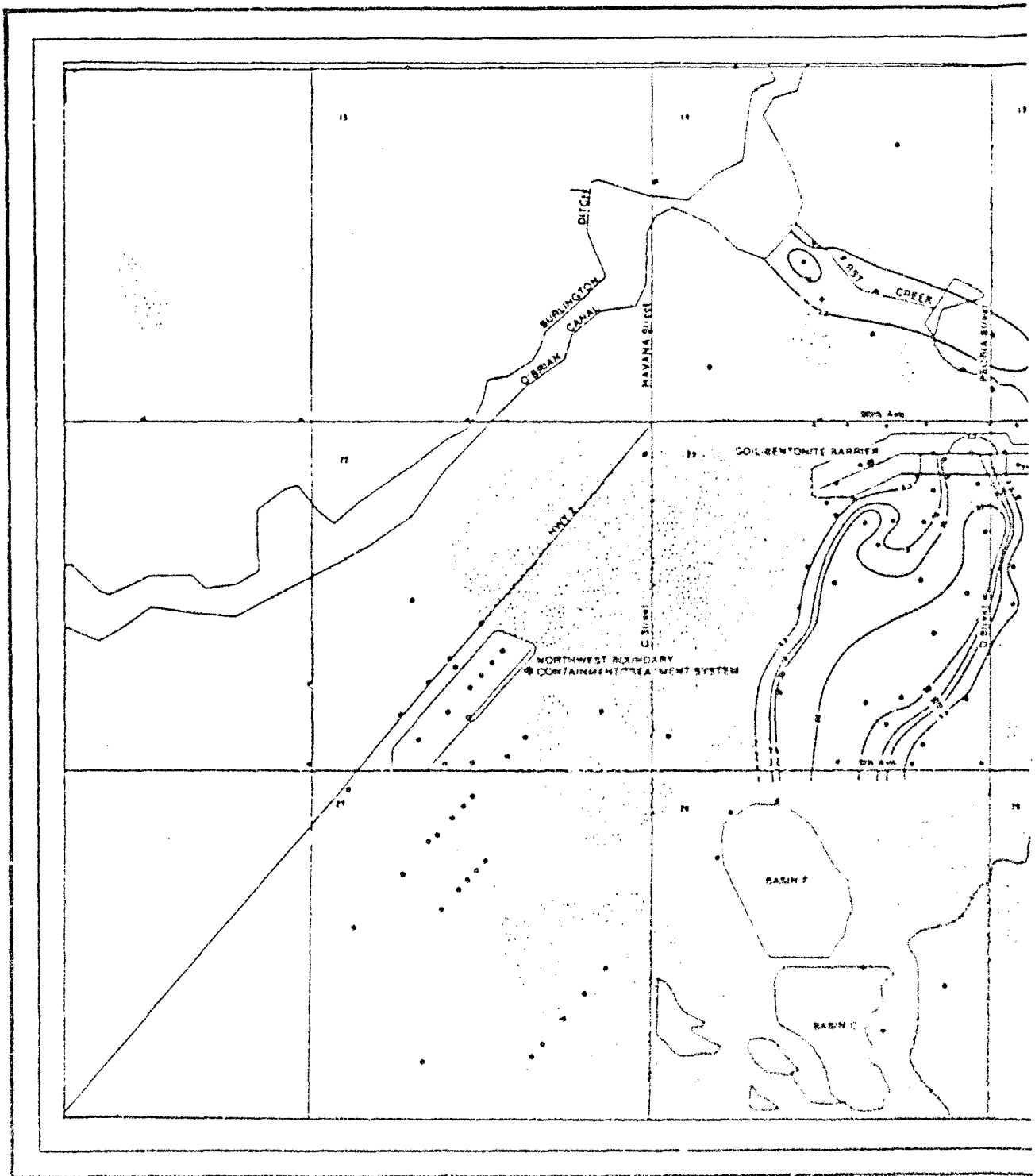
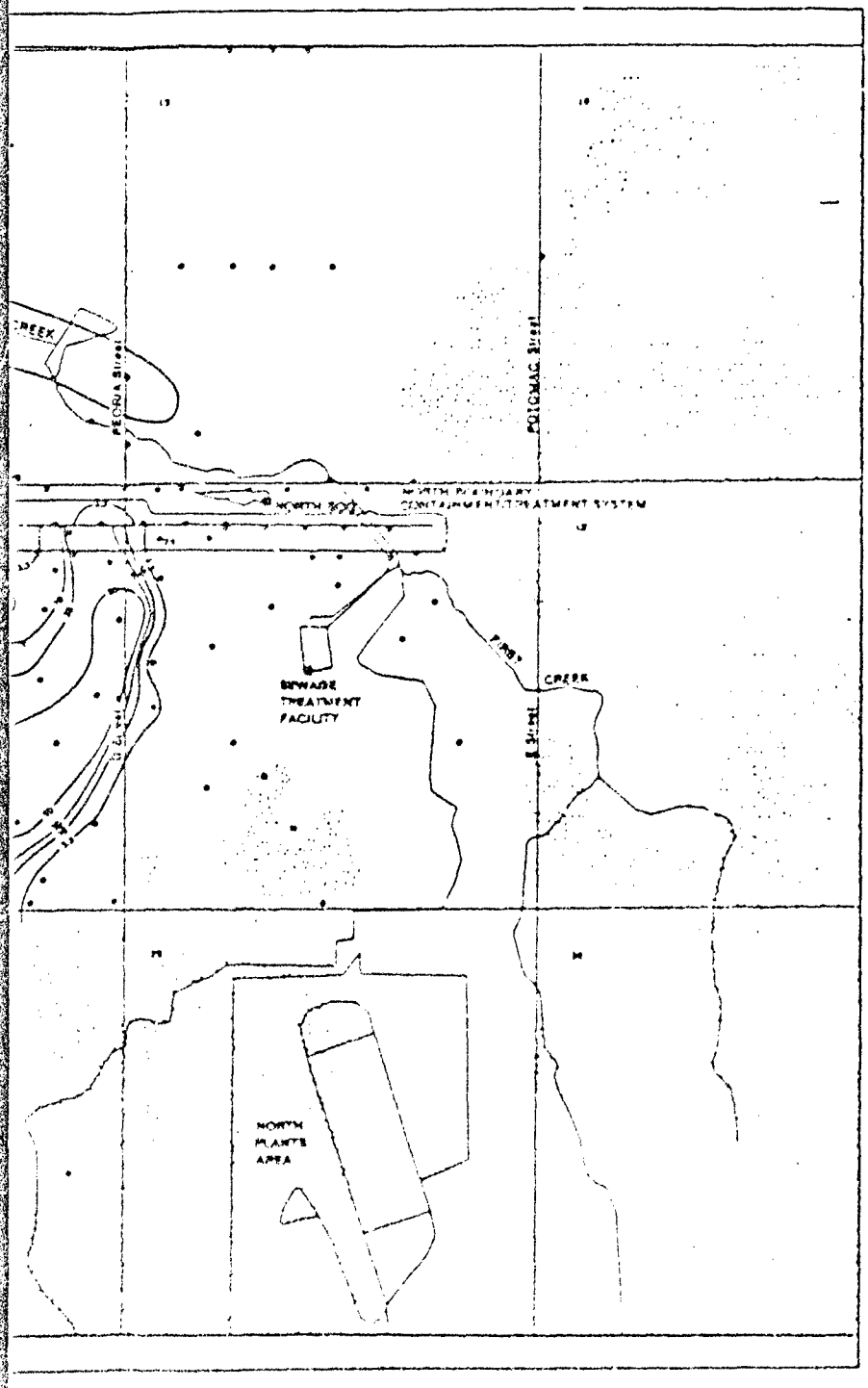


Figure B-74 D
1,4-DITHIANE CONCENTRATION DISTRIBUTION, ug/l,
4TH QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE ESE, 1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

N

0 1000 2000

Scale in Feet

Prepared for:
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Aberdeen Proving Ground, Maryland

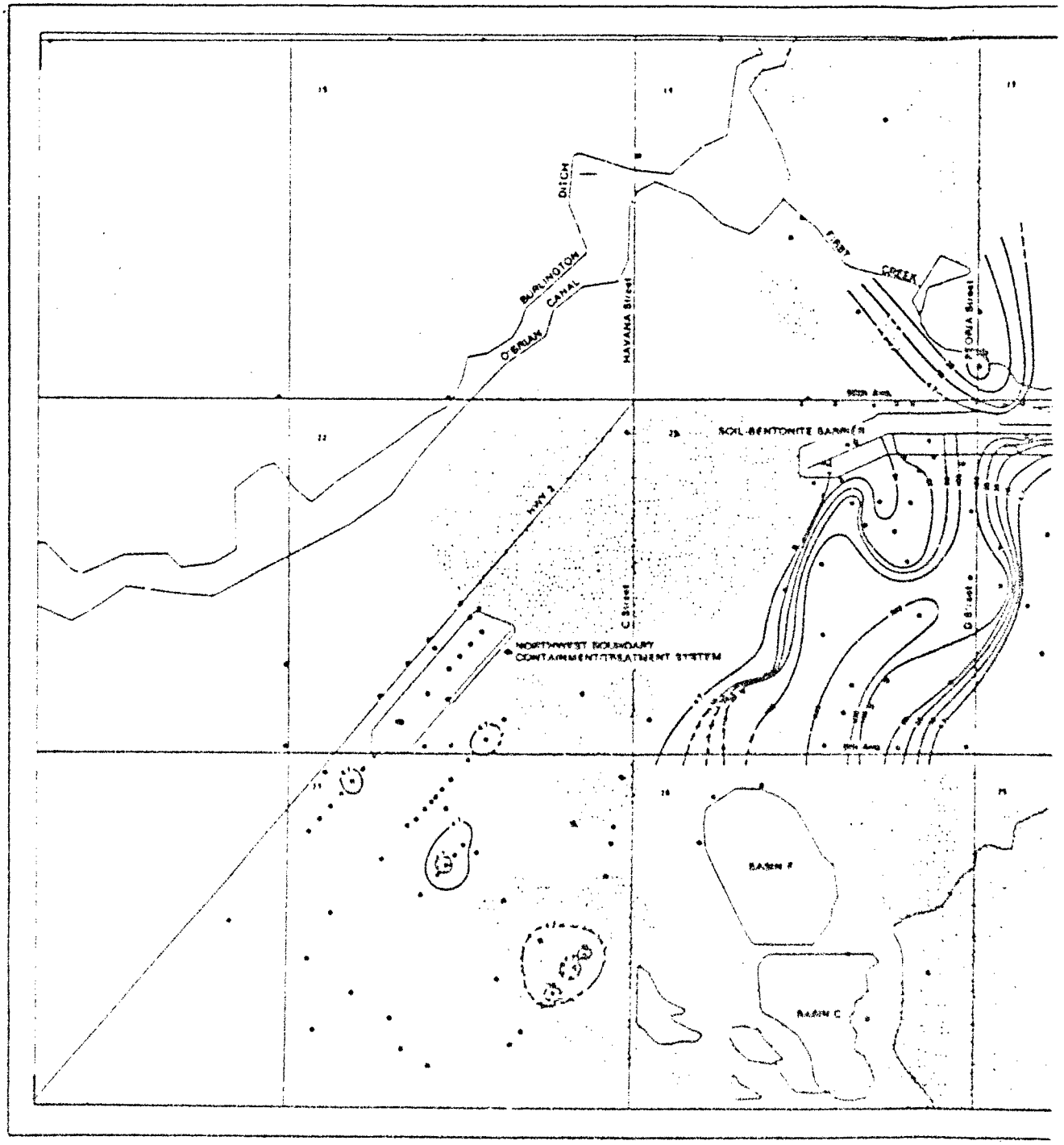
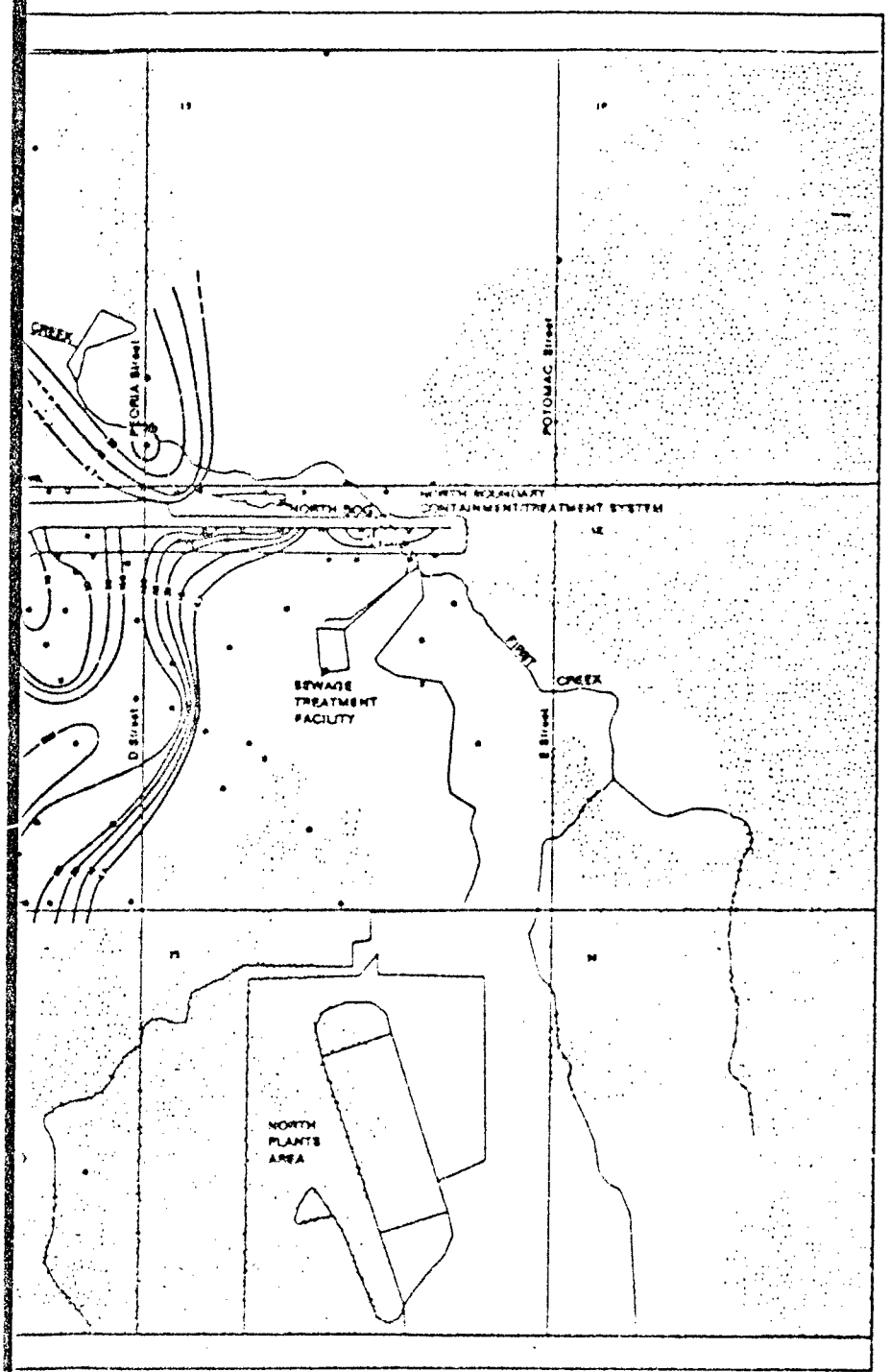


Figure B-75A
COMBINED ORGANOSULFURS CONCENTRATION DISTRIBUTION, ug/l,
1ST QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE ESE 1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

N

0 1000 2000

Scale in Feet

Prepared for:
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Aberdeen Proving Ground, Maryland

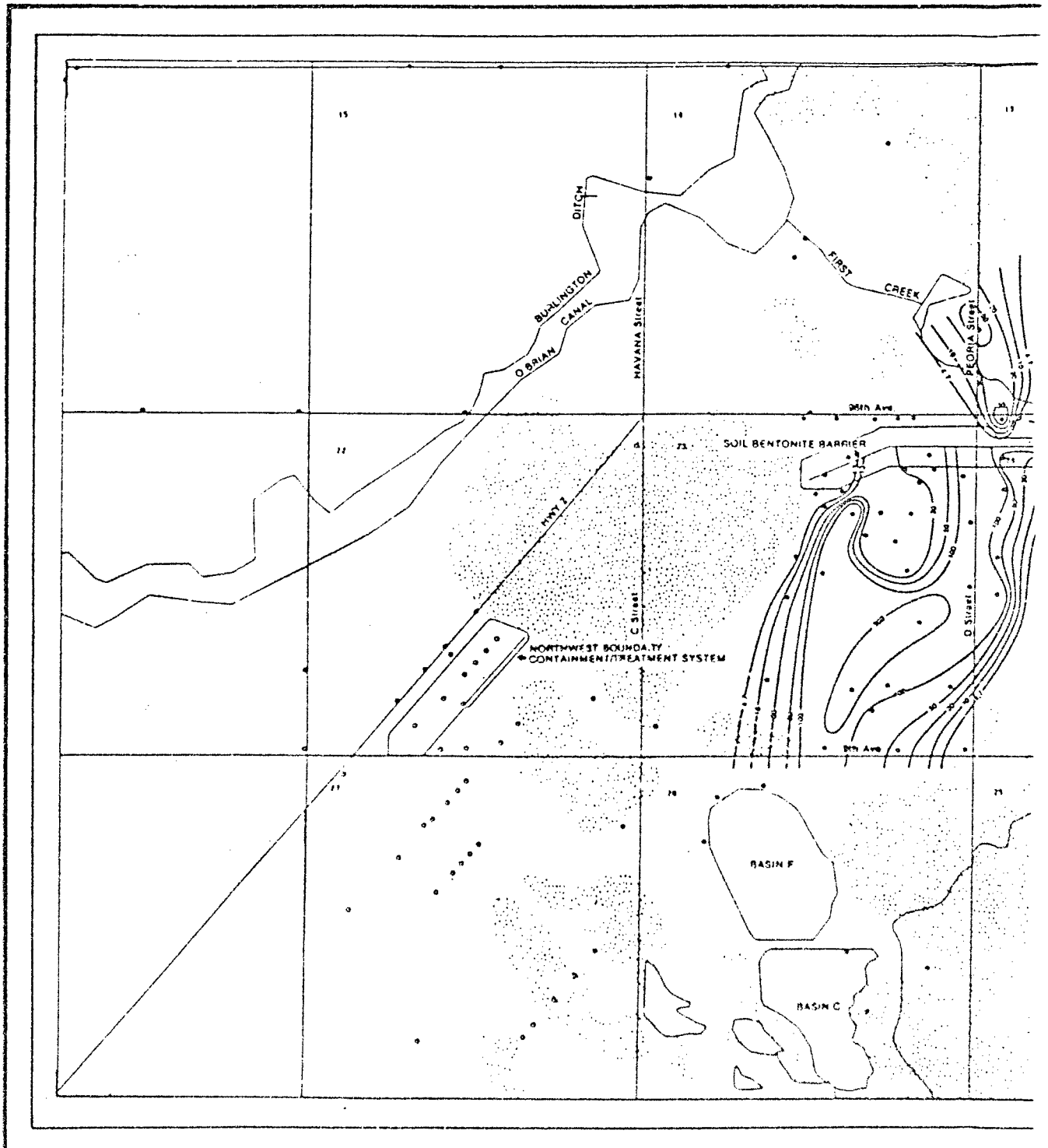
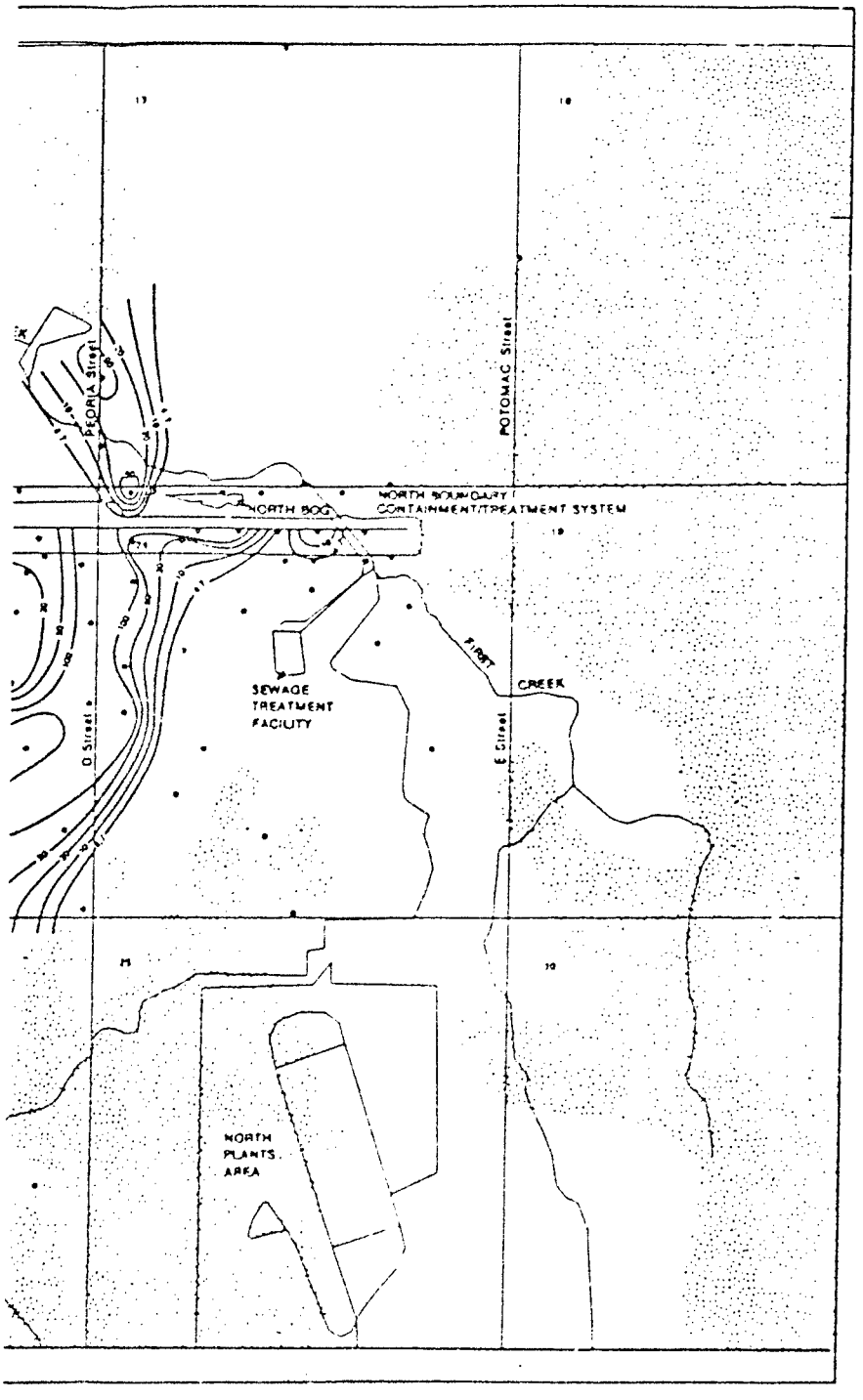


Figure B-75 B
COMBINED ORGANOSULFURS CONCENTRATION DISTRIBUTION, ug/l,
2ND QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE ESE,1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

N

0 1000 2000

Scale in Feet

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

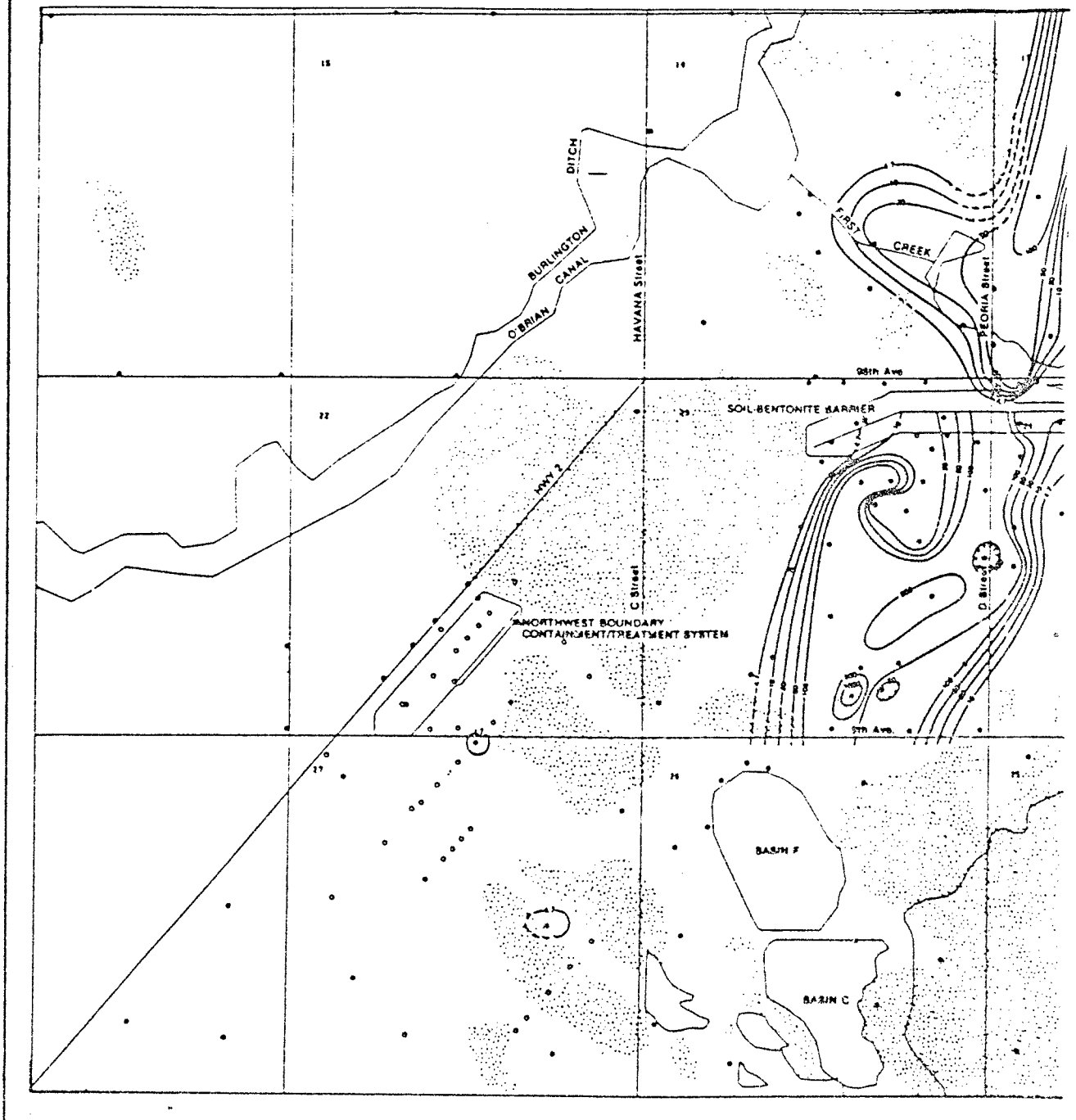
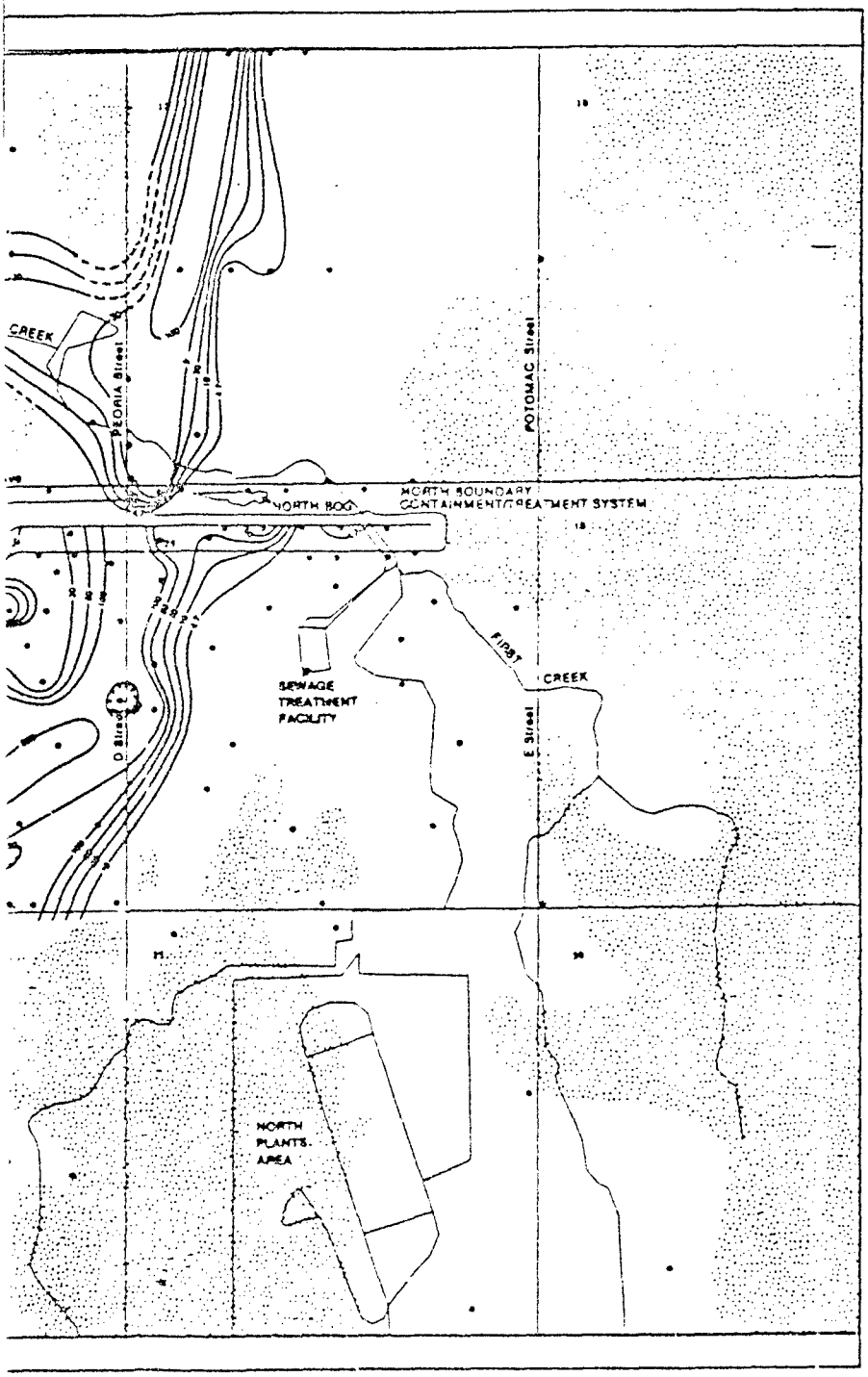


Figure B-75C
COMBINED ORGANOSULFURS CONCENTRATION DISTRIBUTION, ug/l,
3RD QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE ESE, 1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

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0 1000 2000

Scale in Feet

Prepared for:
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For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

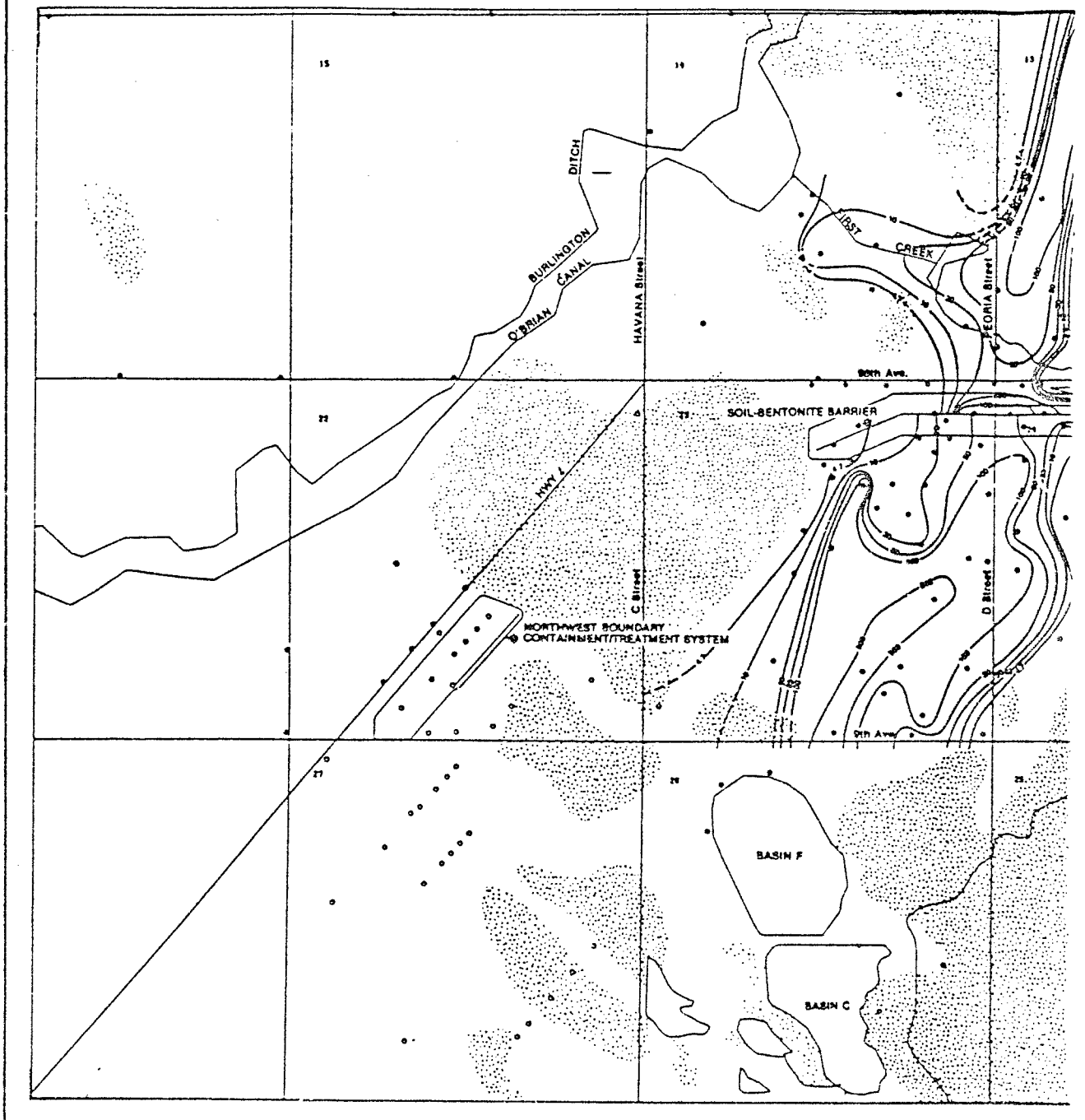
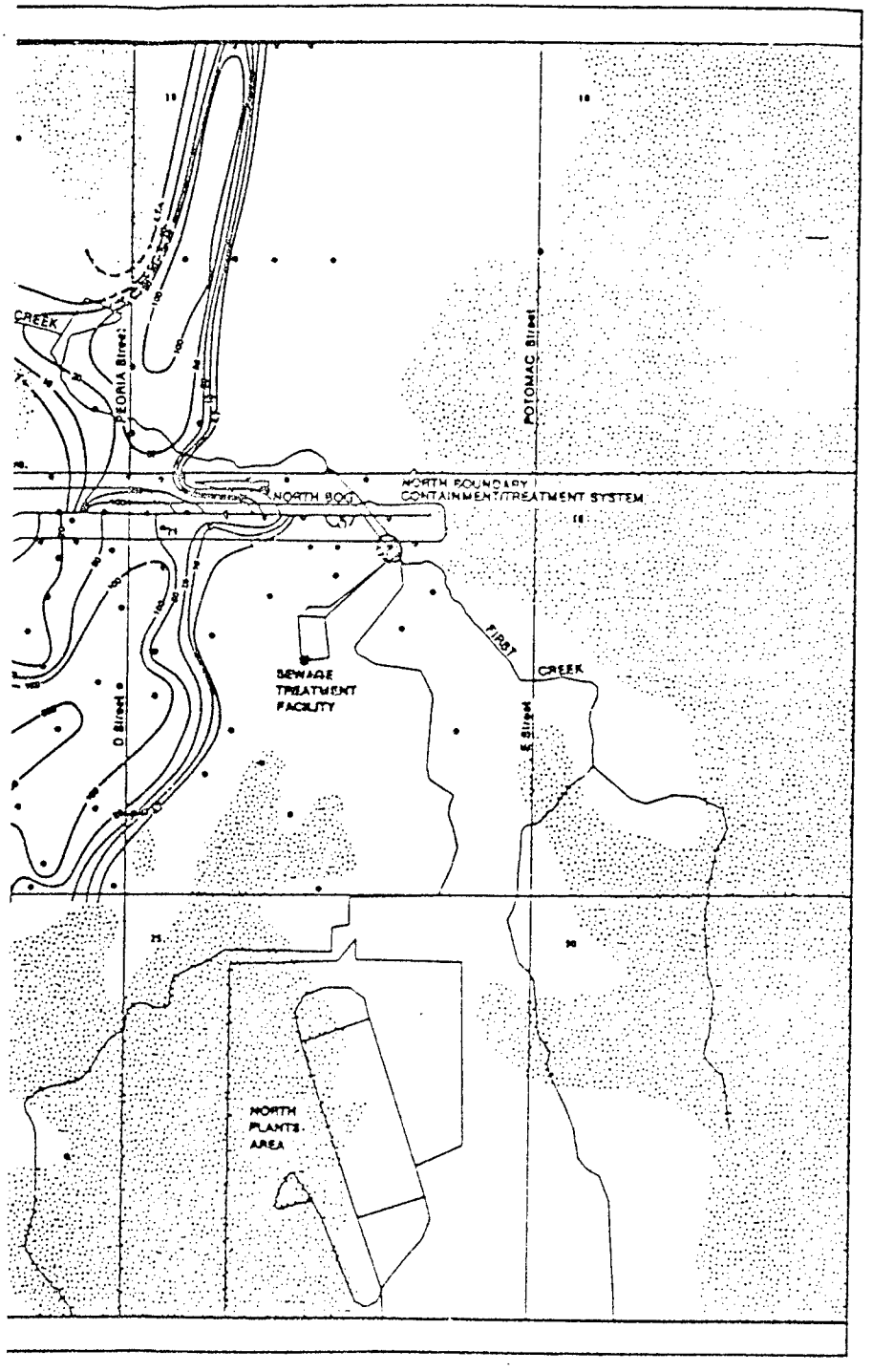


Figure B-75D
COMBINED ORGANOSULFURS CONCENTRATION DISTRIBUTION, ug/l,
4TH QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE:ESE,1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

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0 1000 2000

Scale in Feet

Prepared for:
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For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

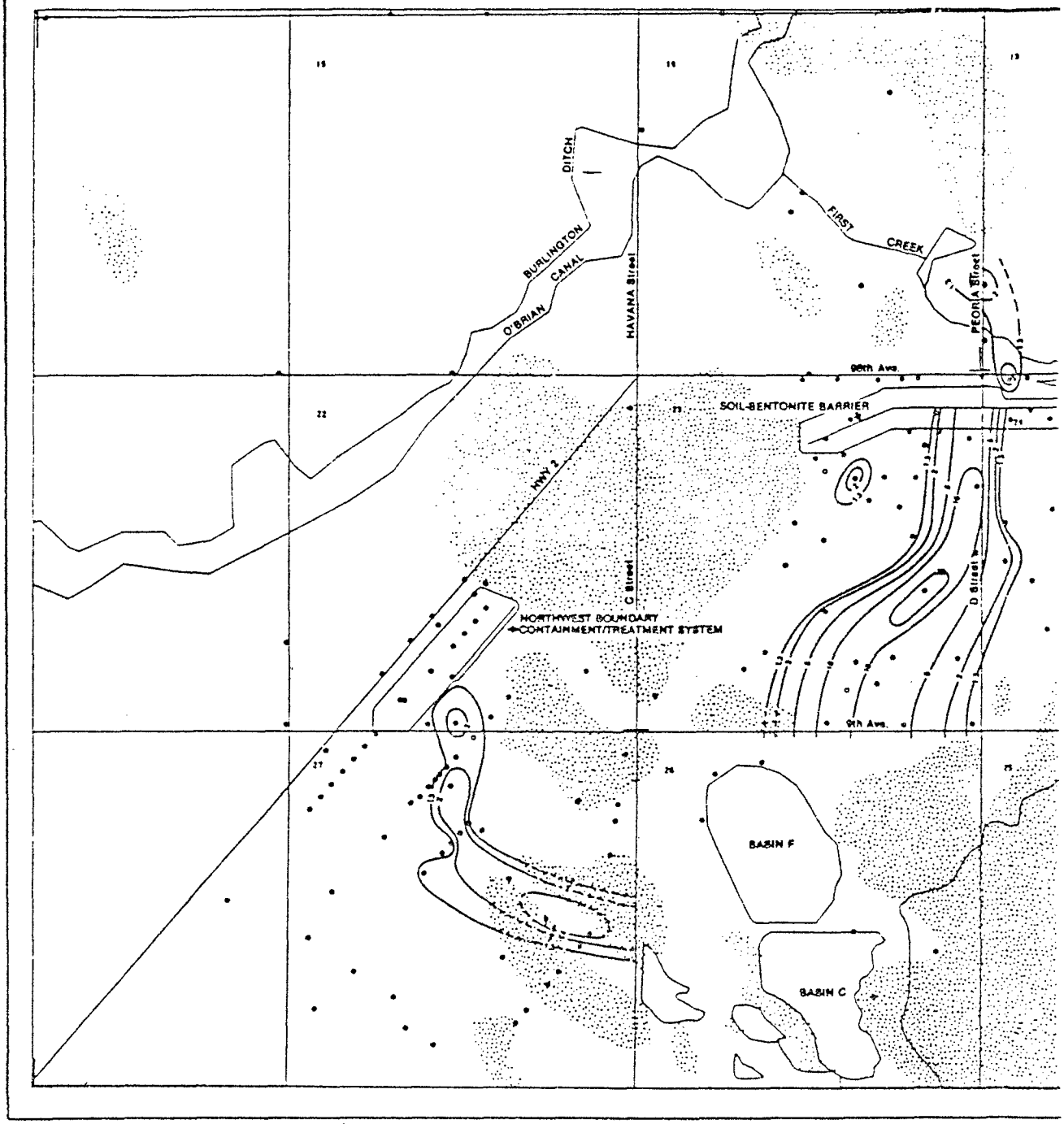
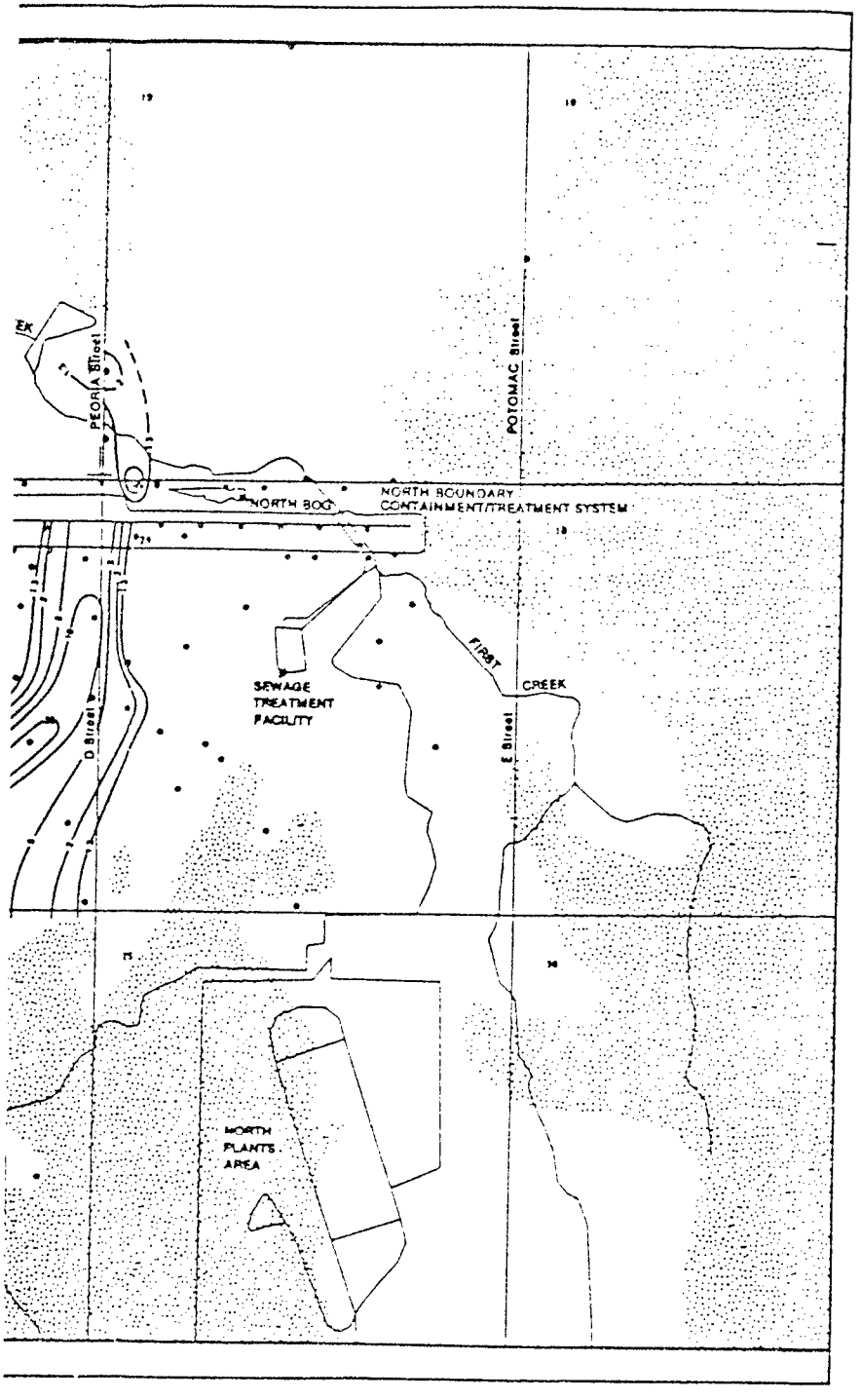


Figure B-76A
TRICHLOROETHENE CONCENTRATION DISTRIBUTION, ug/l,
1ST QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE:ESE,1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

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0 1000 2000

Scale In Feet

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

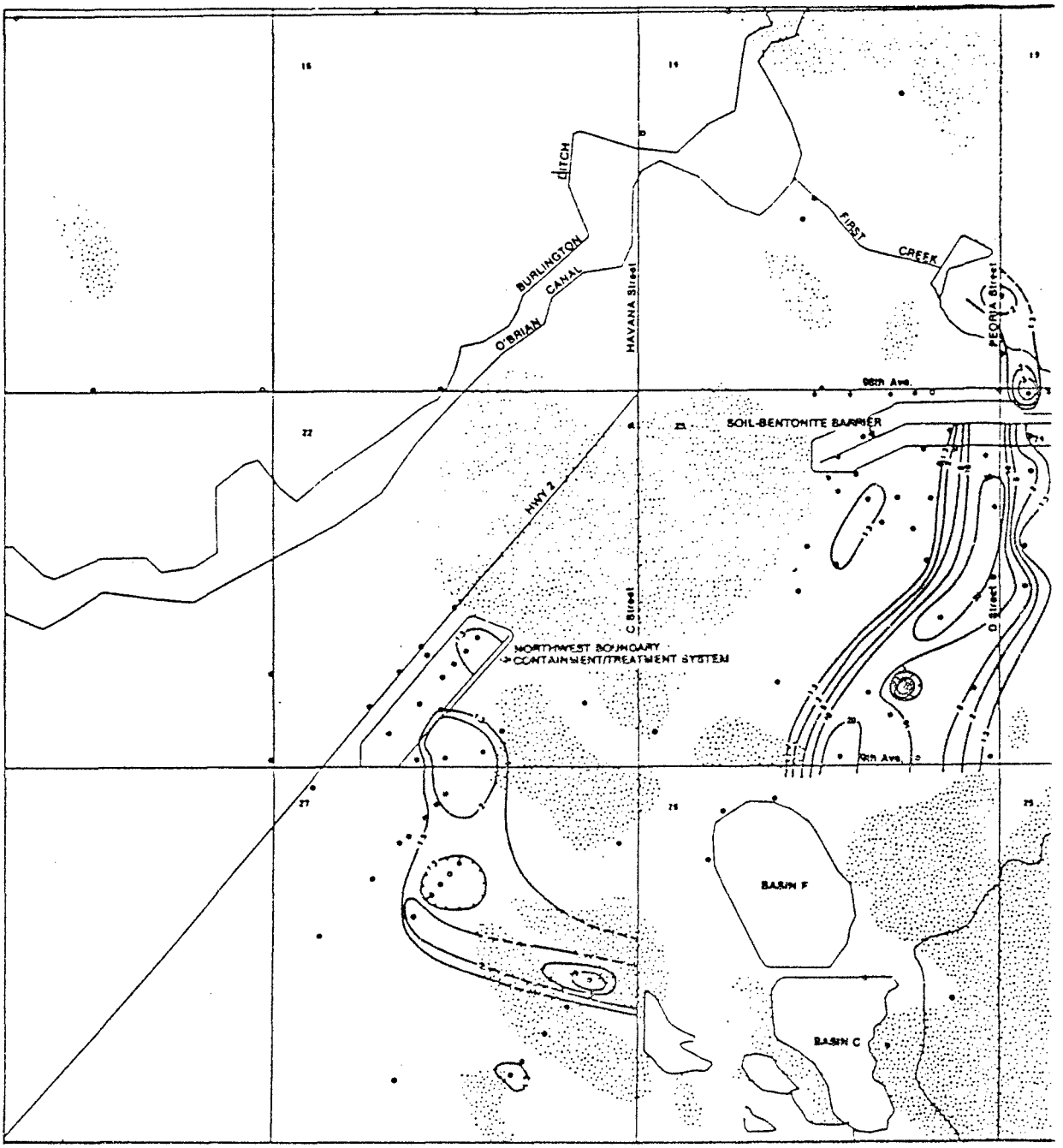
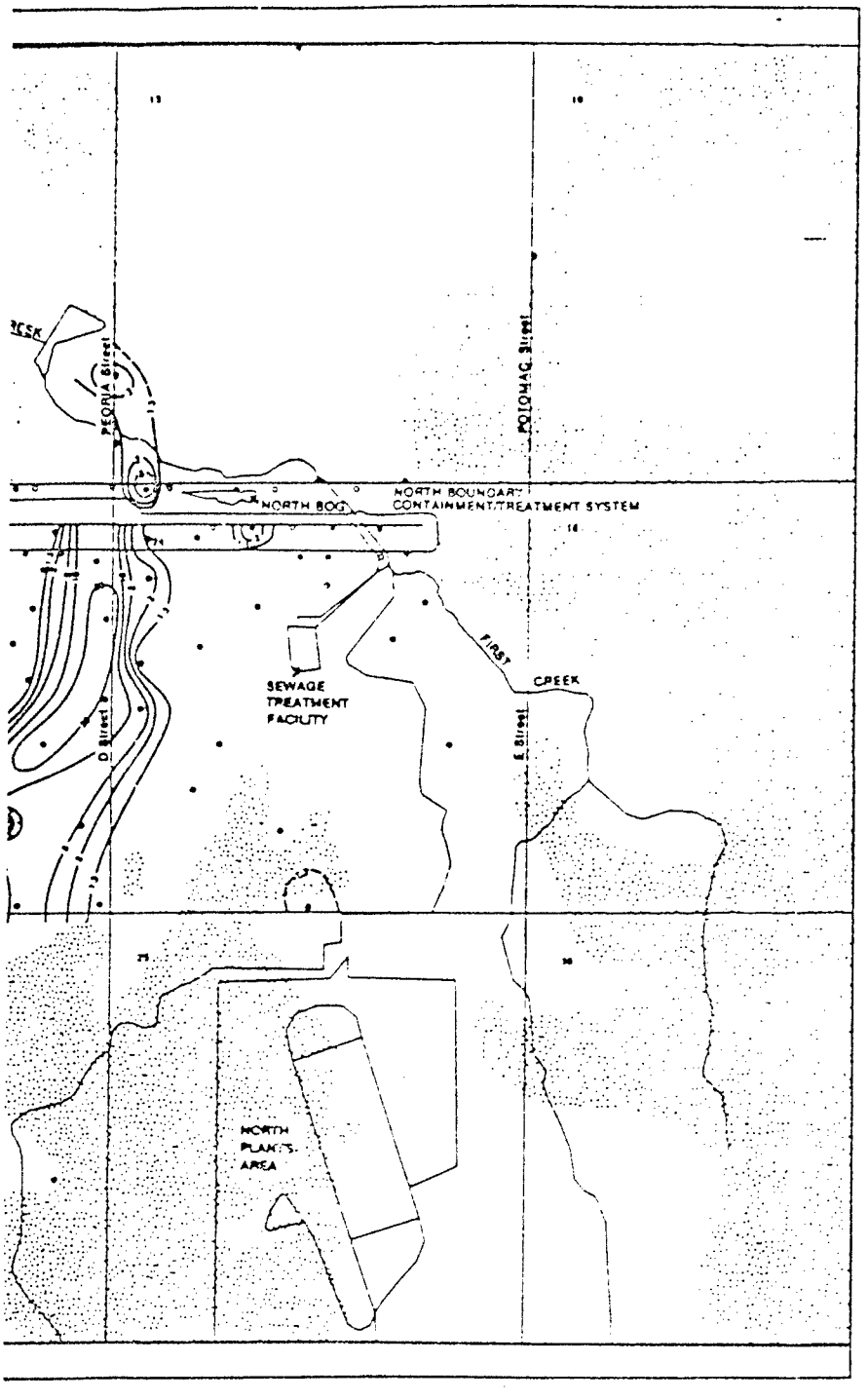


Figure B-76B
TRICHLOROETHENE CONCENTRATION DISTRIBUTION, ug/l,
2ND QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE:ESE,1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

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Scale In Feet

Prepared for:
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For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

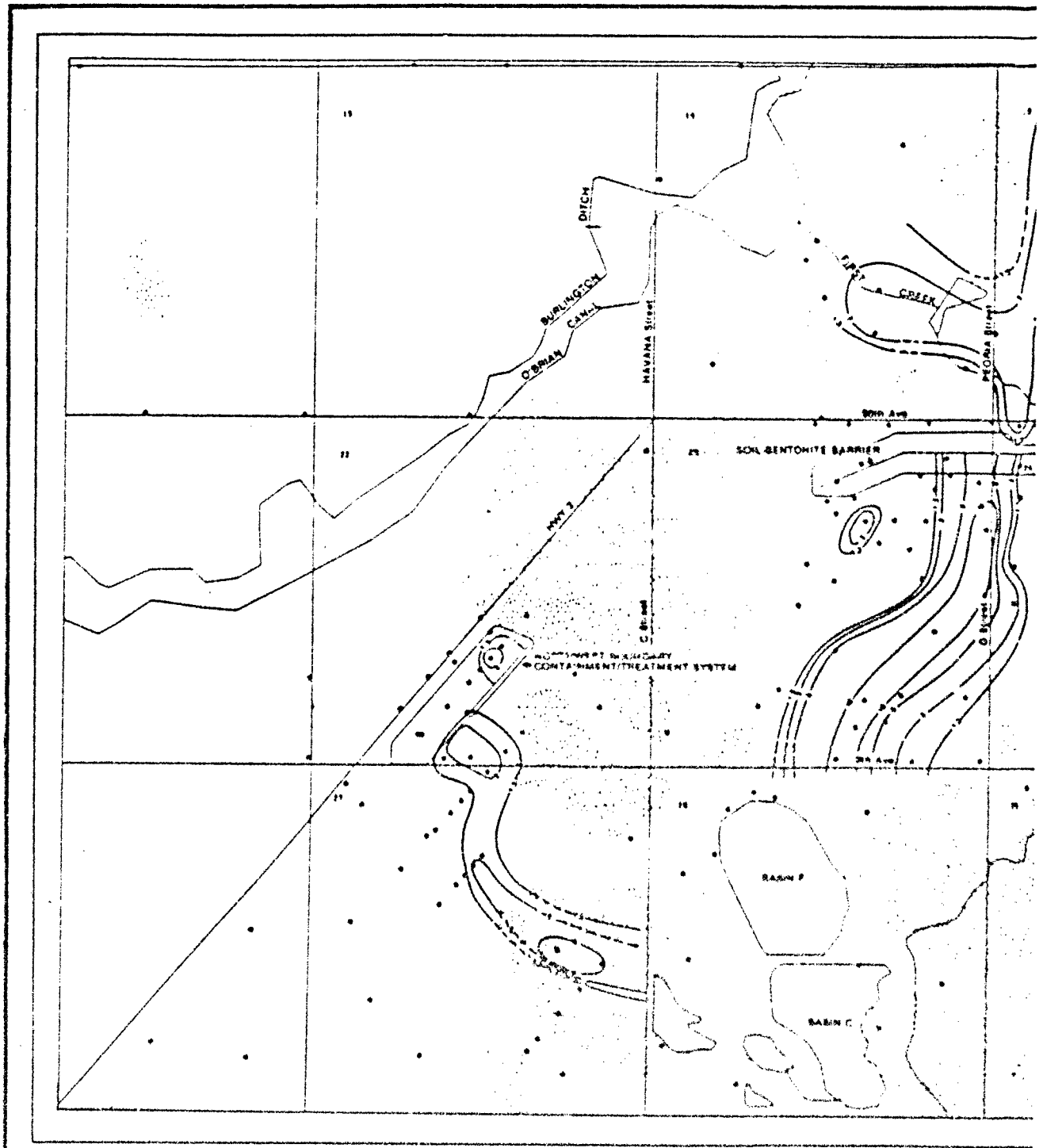
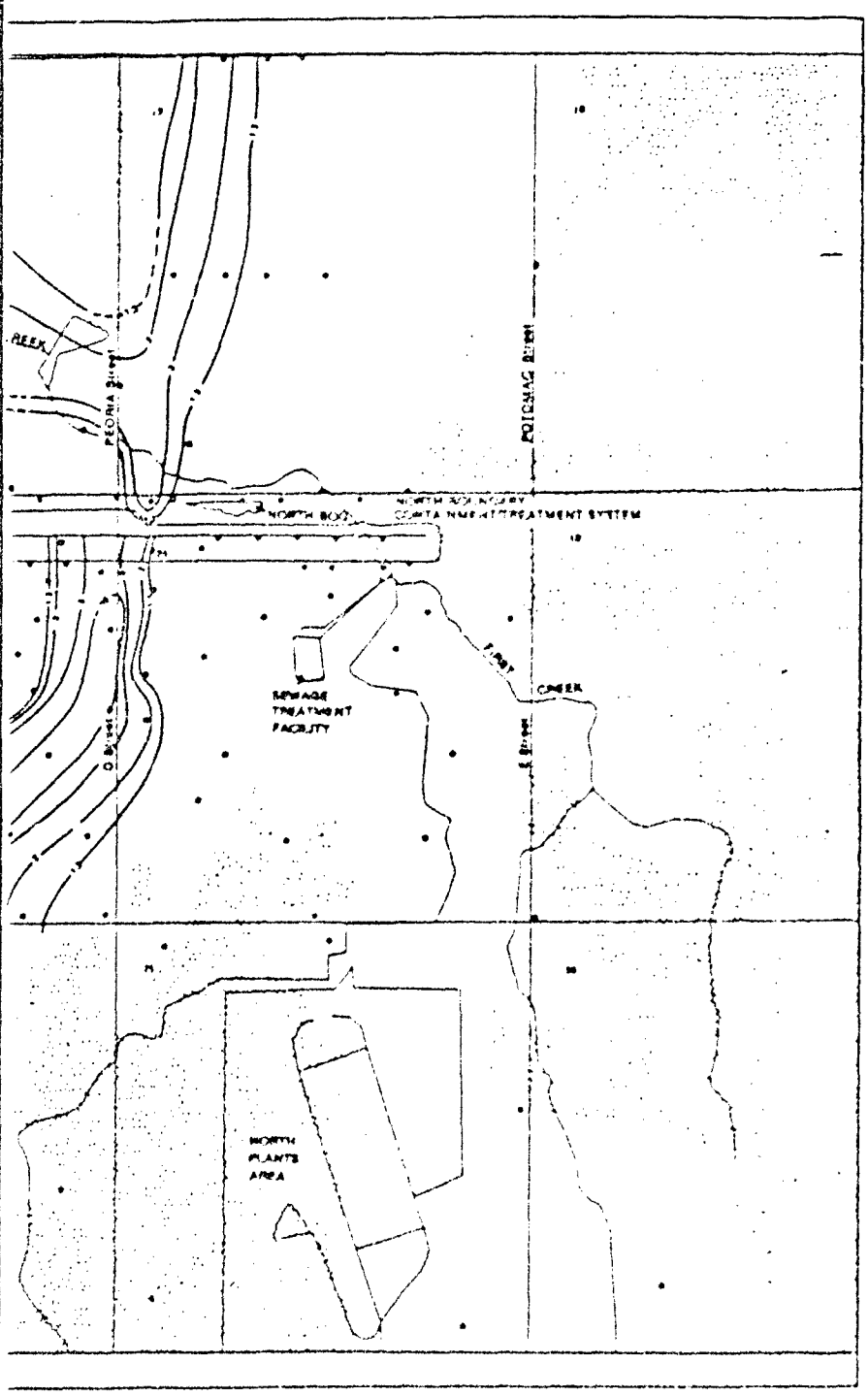


Figure B-75 C
TRICHLOROETHENE CONCENTRATION DISTRIBUTION, ug/l,
3RD QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE ESE 1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

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Scale in Feet

Prepared for:
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For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

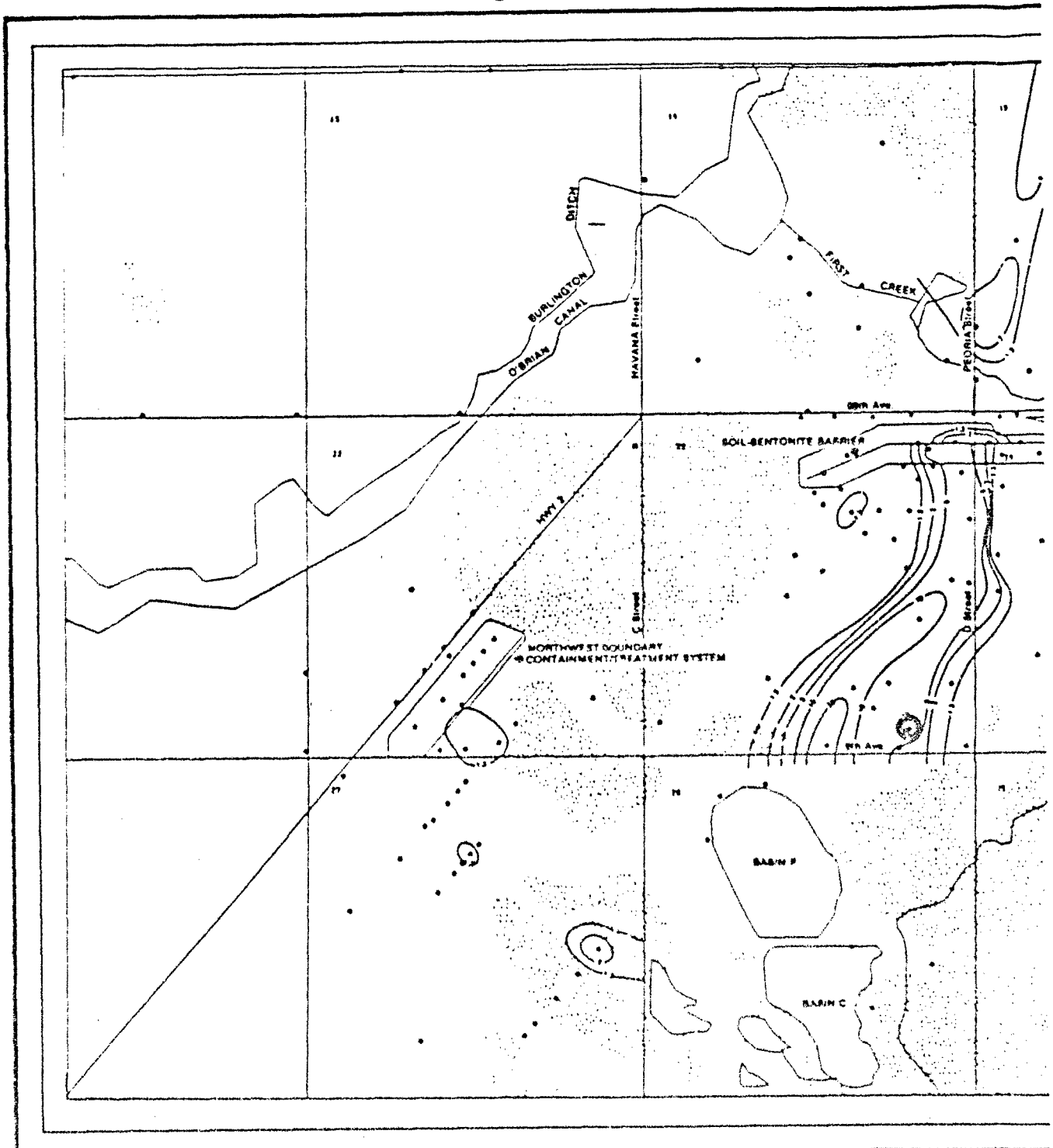
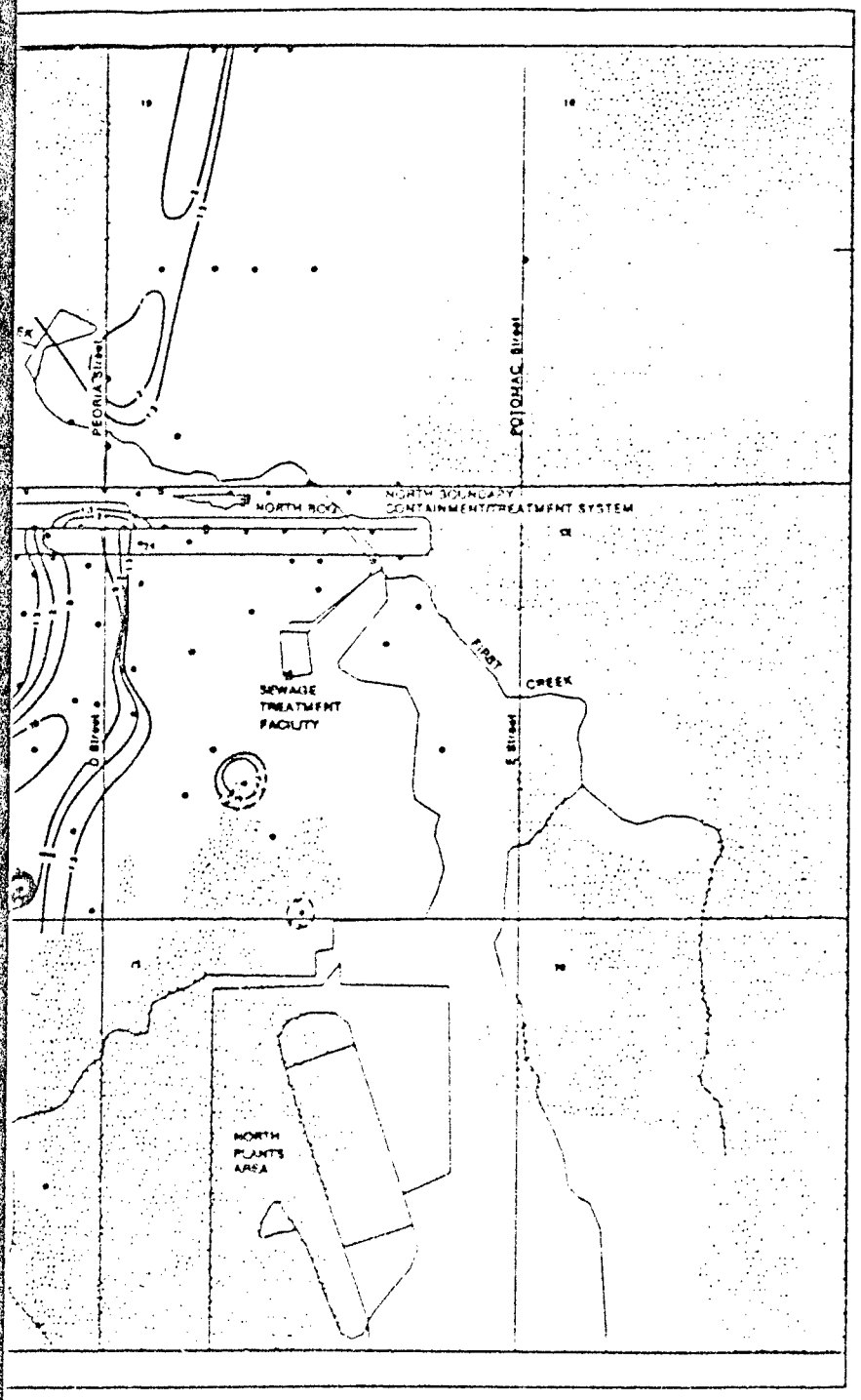


Figure B-76 D
TRICHLOROETHENE CONCENTRATION DISTRIBUTION, ug/l,
4TH QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE ESE, 1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

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0 1000 2000

Scale in Feet

Prepared for:
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Aberdeen Proving Ground, Maryland

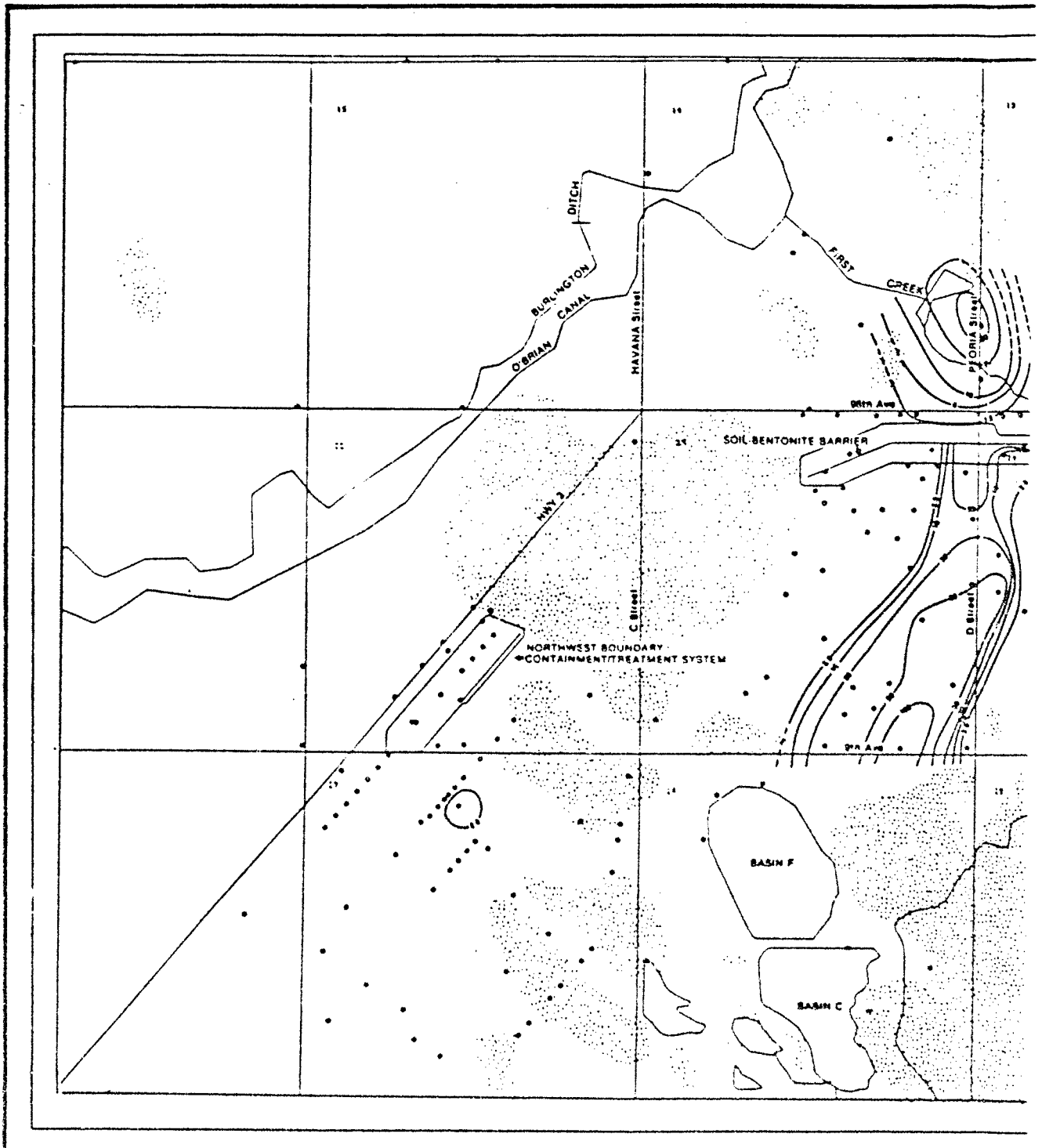
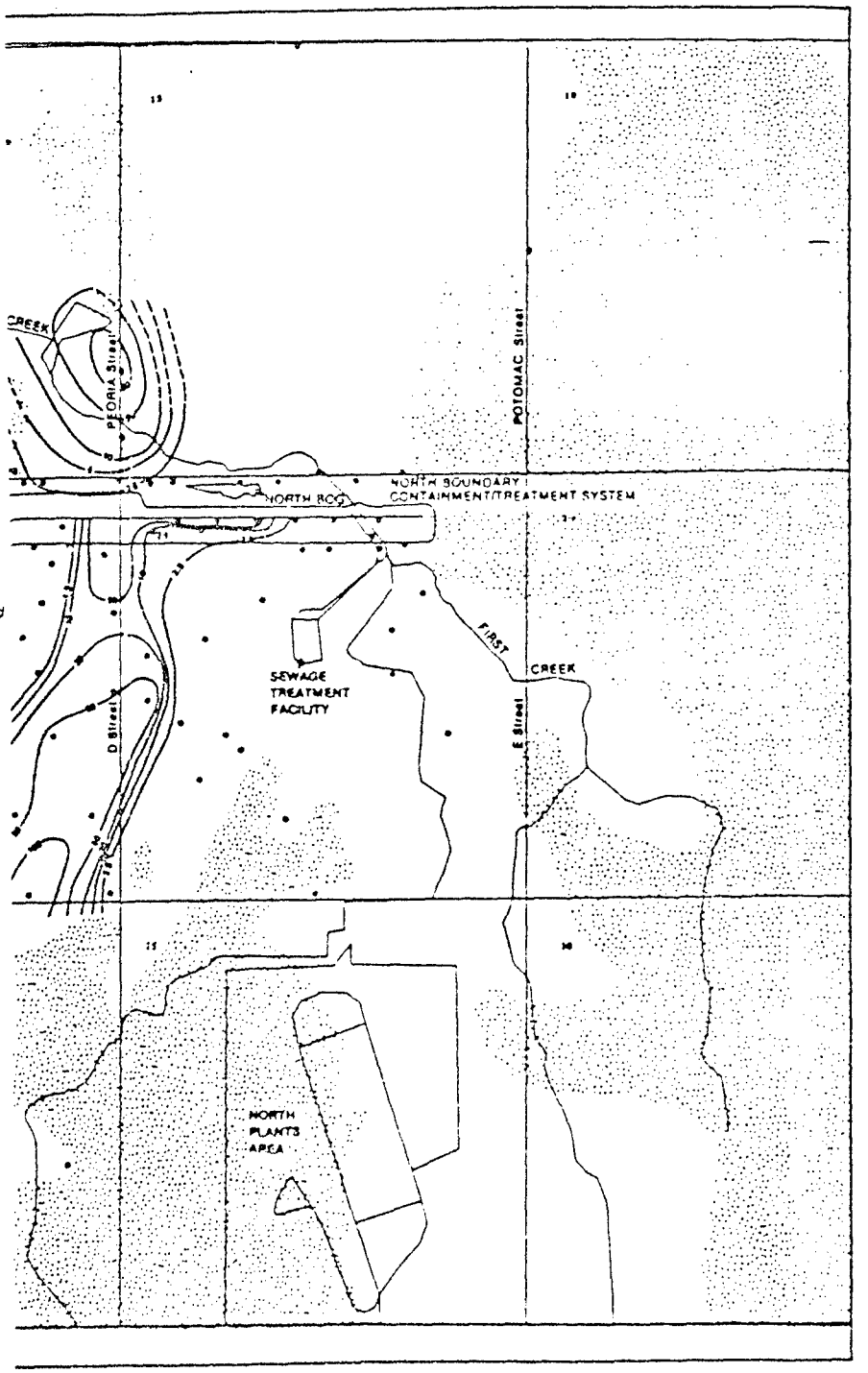


Figure B-77A
TETRACHLOROETHENE CONCENTRATION DISTRIBUTION, ug/l,
1ST QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE ESE 1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

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0 1000 2000

Scale in Feet

Prepared for:
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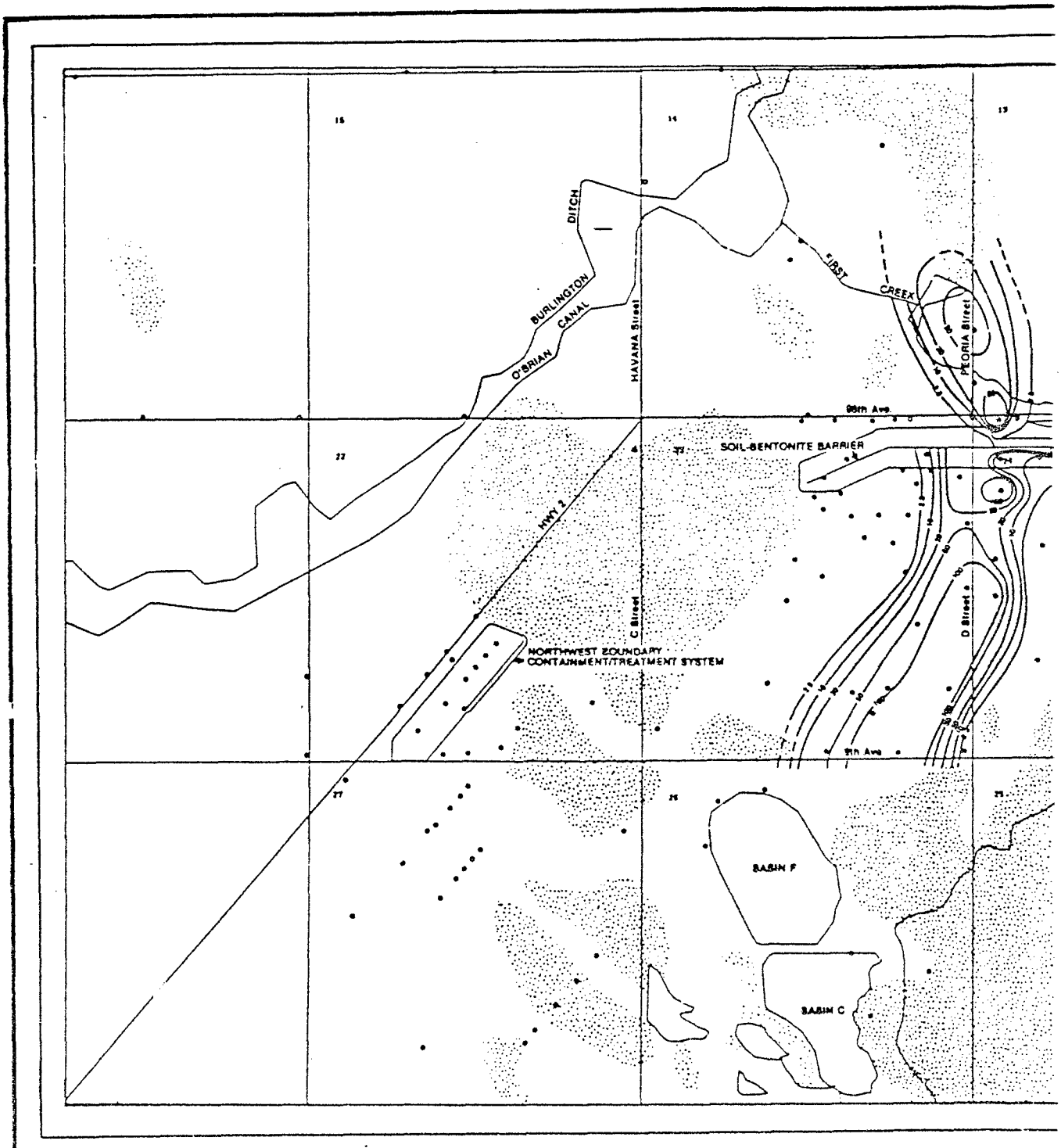
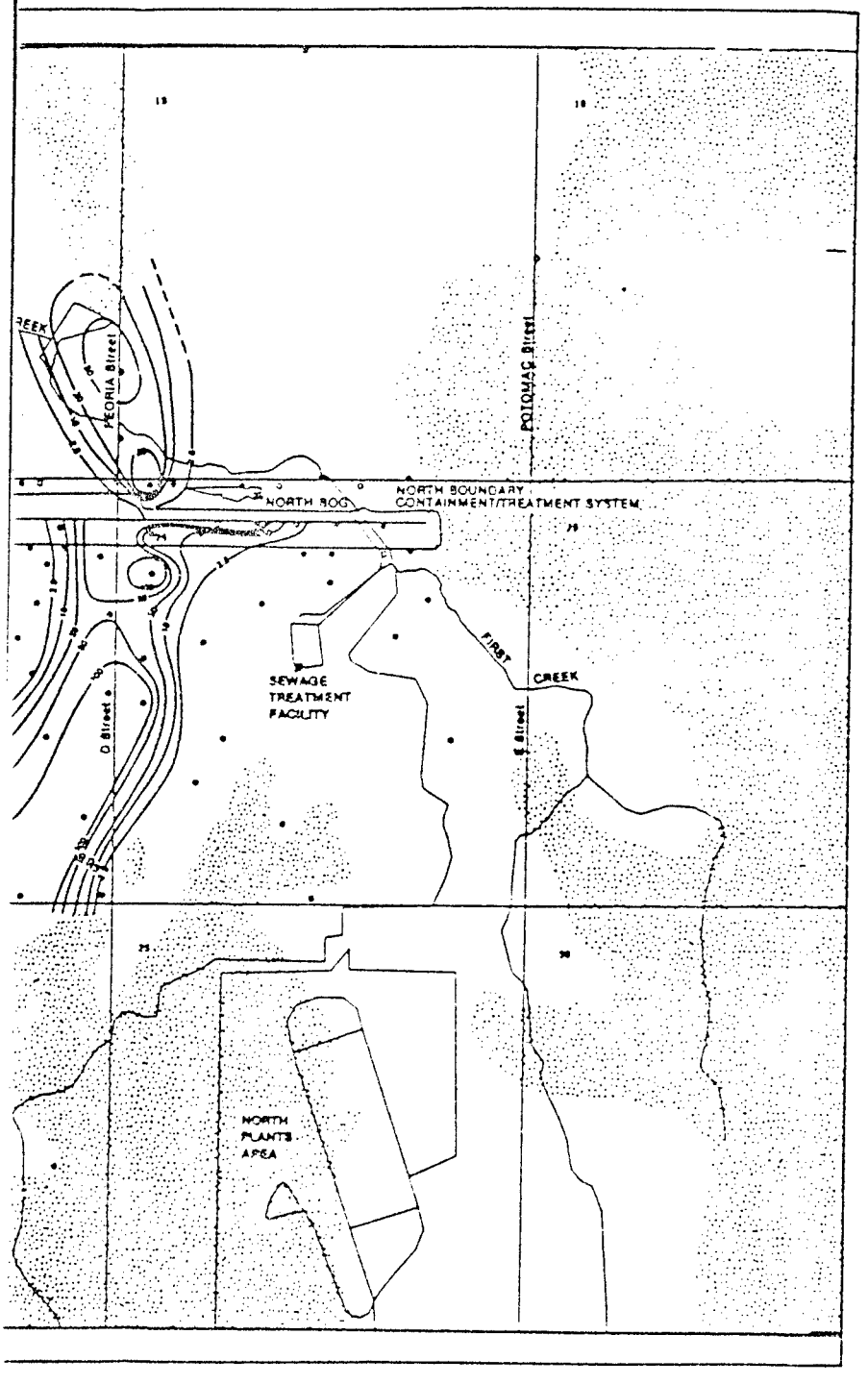


Figure B-77 B
TETRACHLOROETHENE CONCENTRATION DISTRIBUTION, ug/l,
2ND QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE:ESE,1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

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Scale In Feet

Prepared for:
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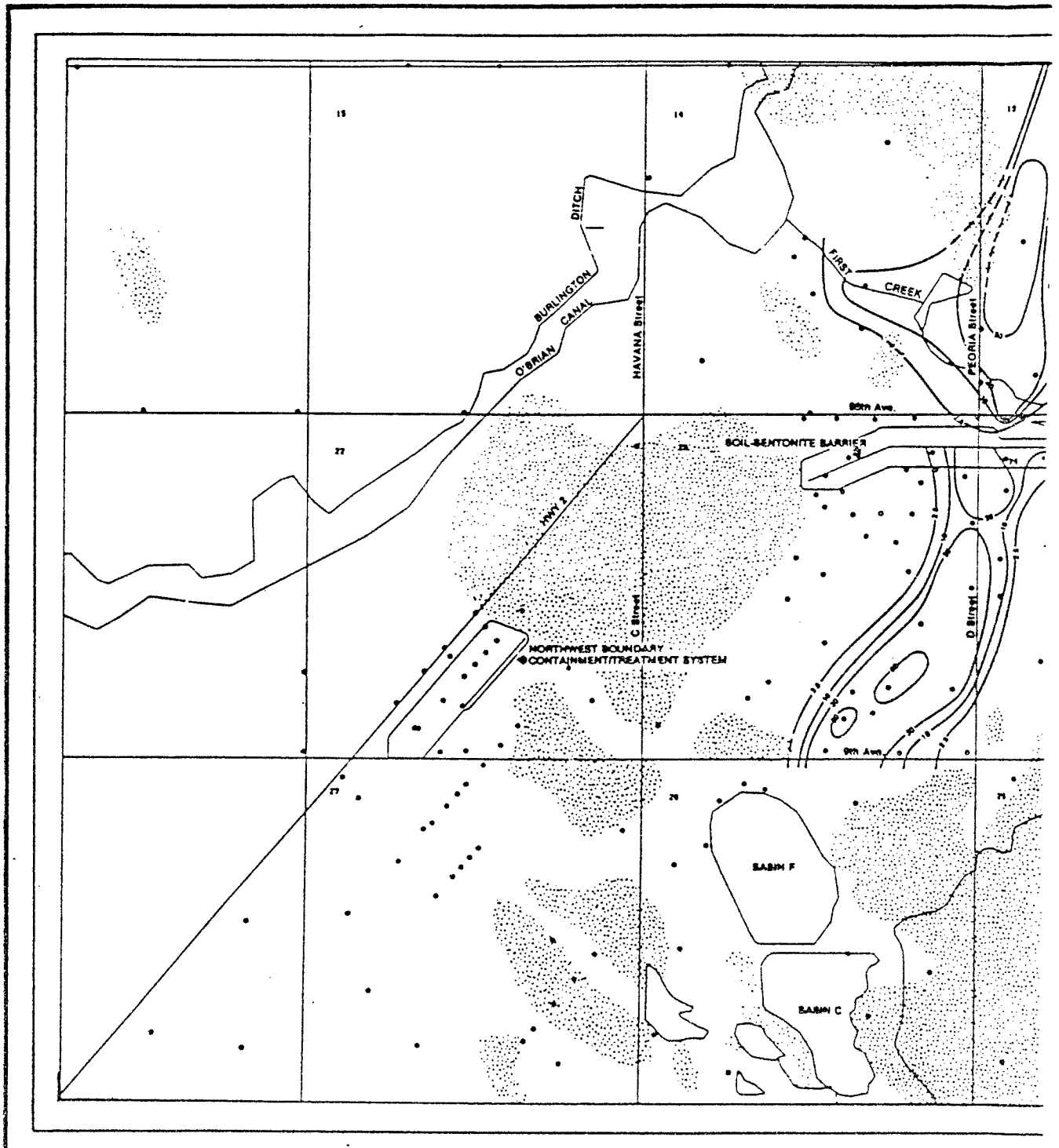
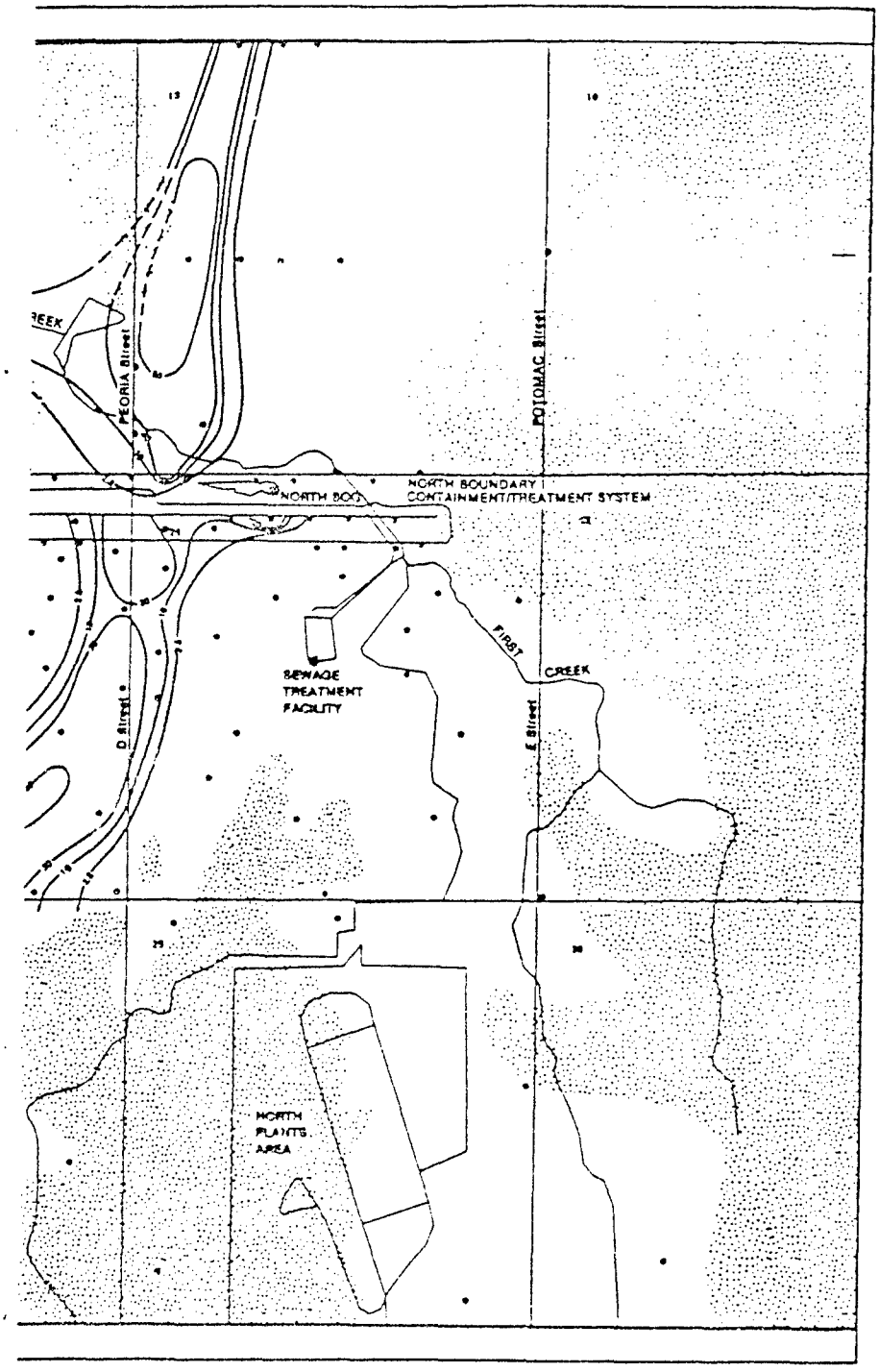


Figure 8-77C
TETRACHLOROETHENE CONCENTRATION DISTRIBUTION, ug/l,
3RD QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE:ESE,1988

(2)



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

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0 1000 2000

Scale In Feet

Prepared for:
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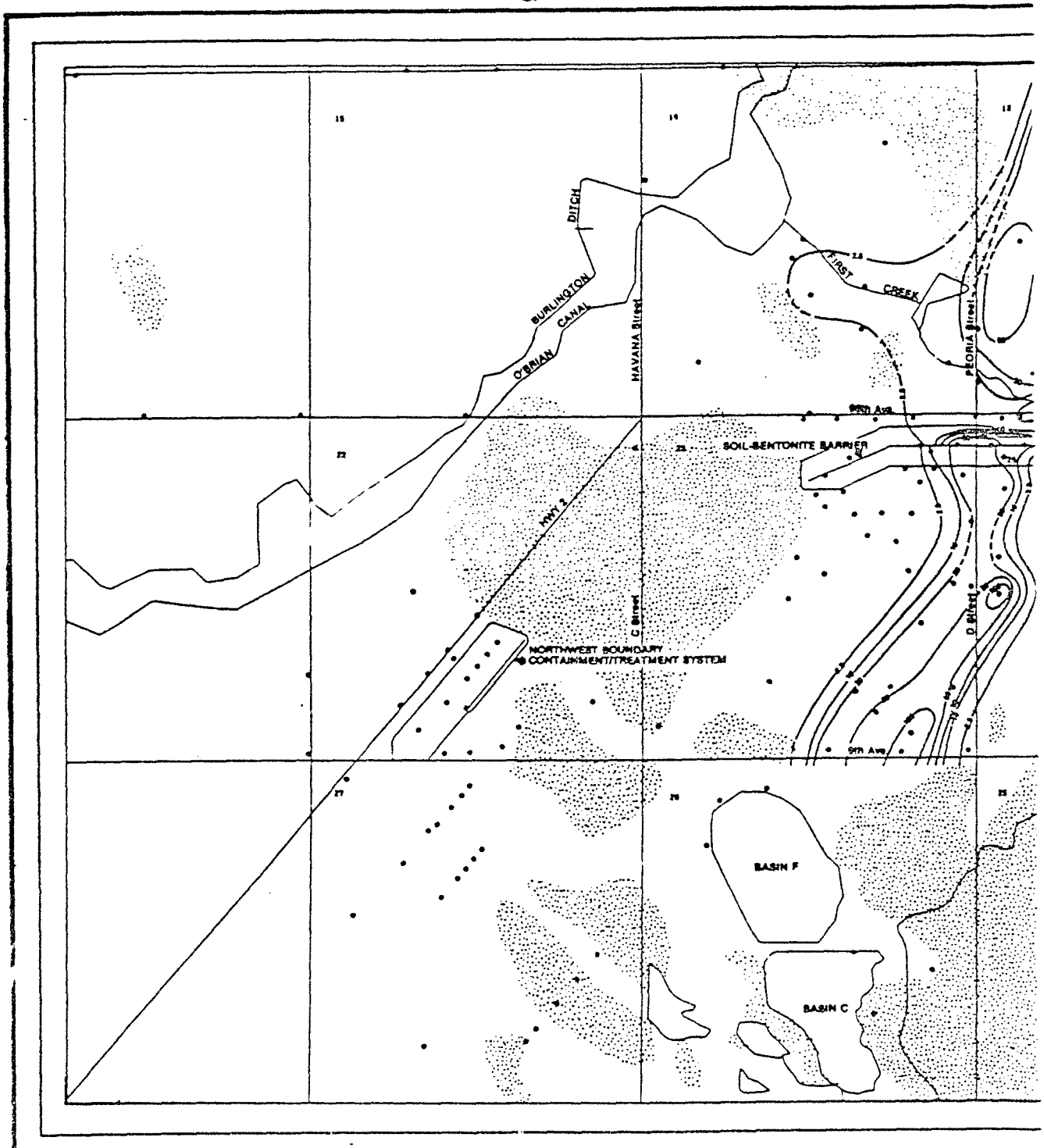
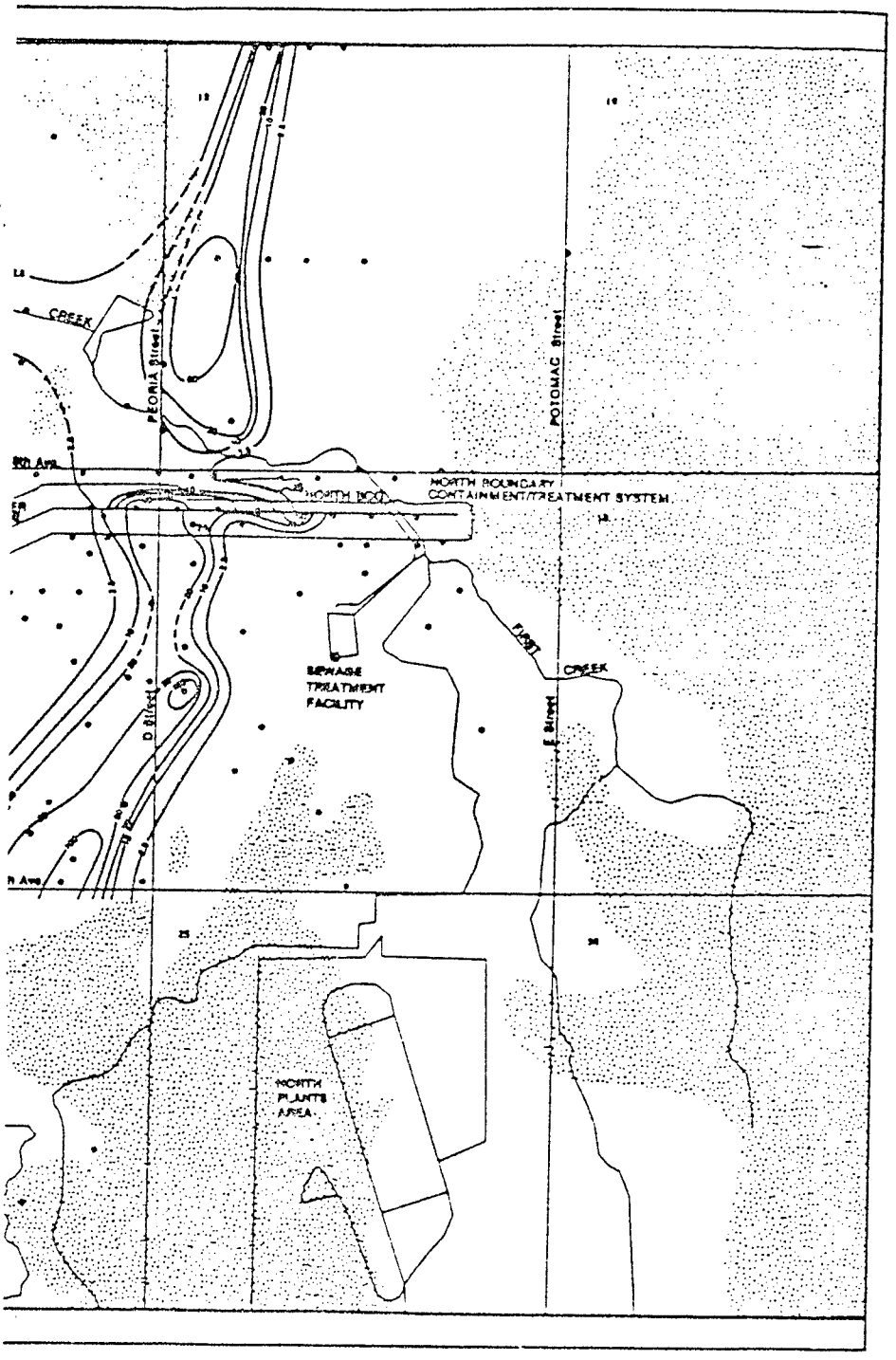


Figure B-77 D
TETRACHLOROETHENE CONCENTRATION DISTRIBUTION, ug/l,
4TH QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE: ESE, 1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

N

0 1000 2000

Scale in Feet

Prepared for:
U.S. Army Program Manager's Offic
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

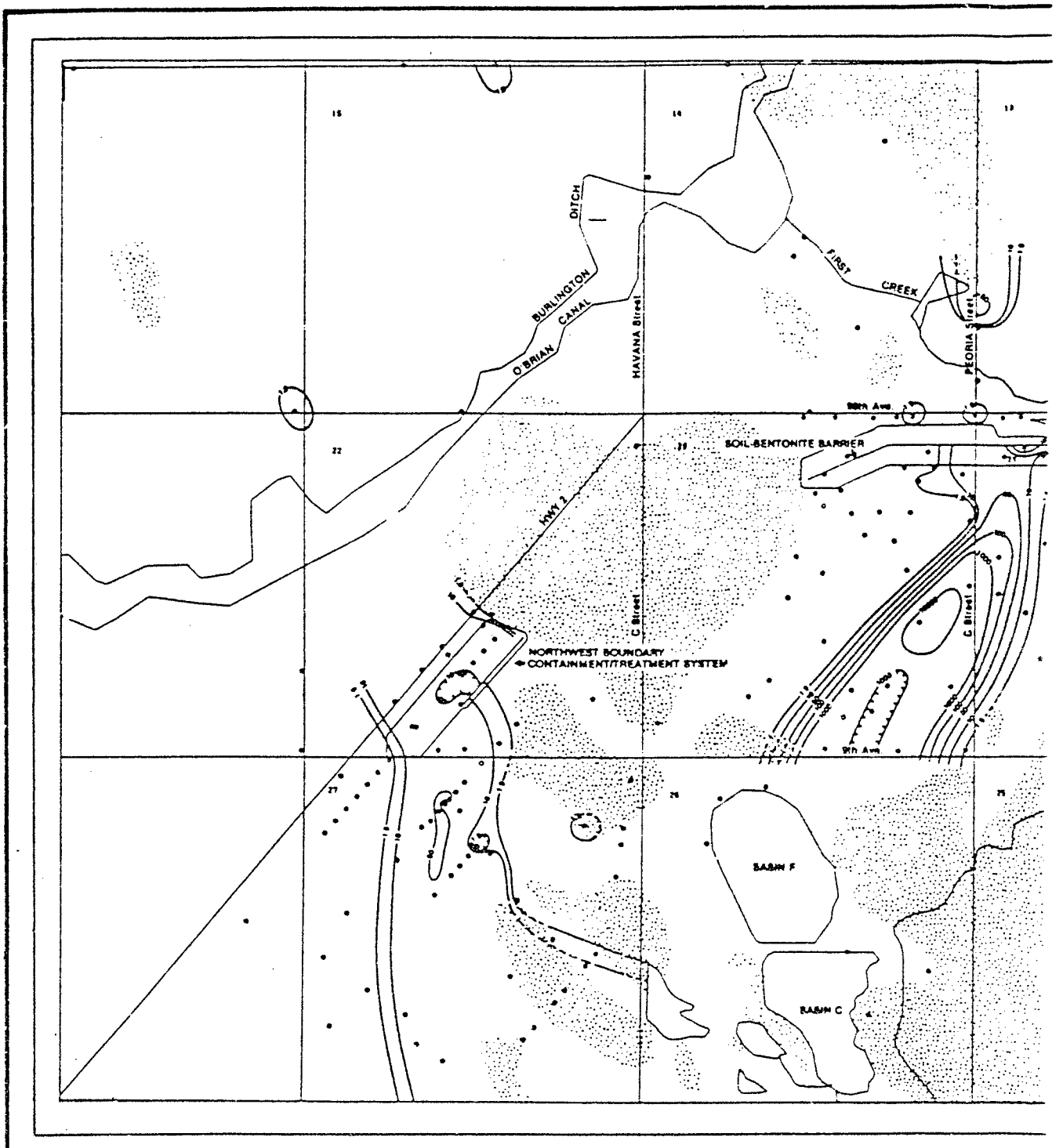
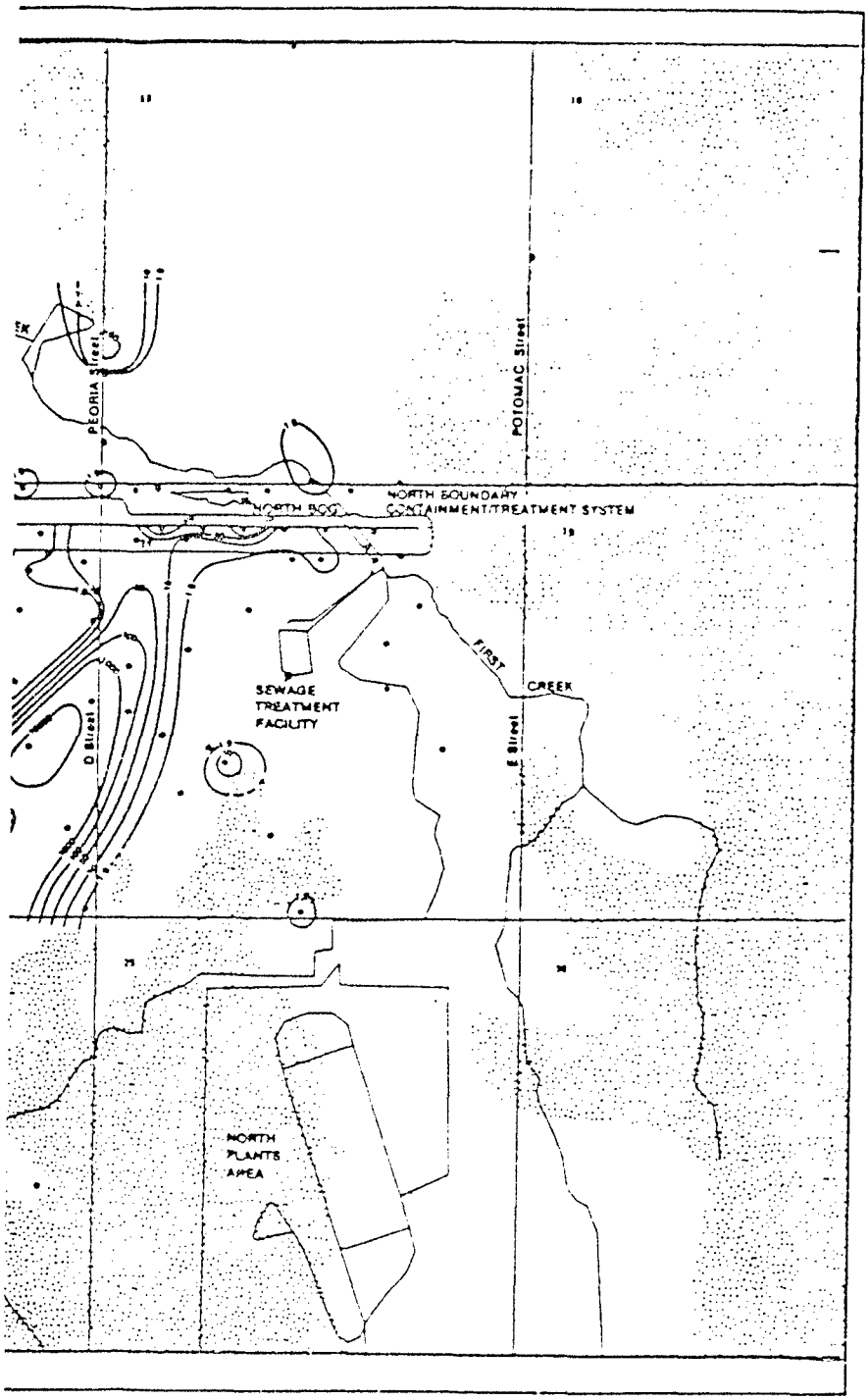


Figure B-78A
CHLOROFORM CONCENTRATION DISTRIBUTION, ug/l,
1ST QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE: ESE, 1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

N

0 1000 2000

Scale in Feet

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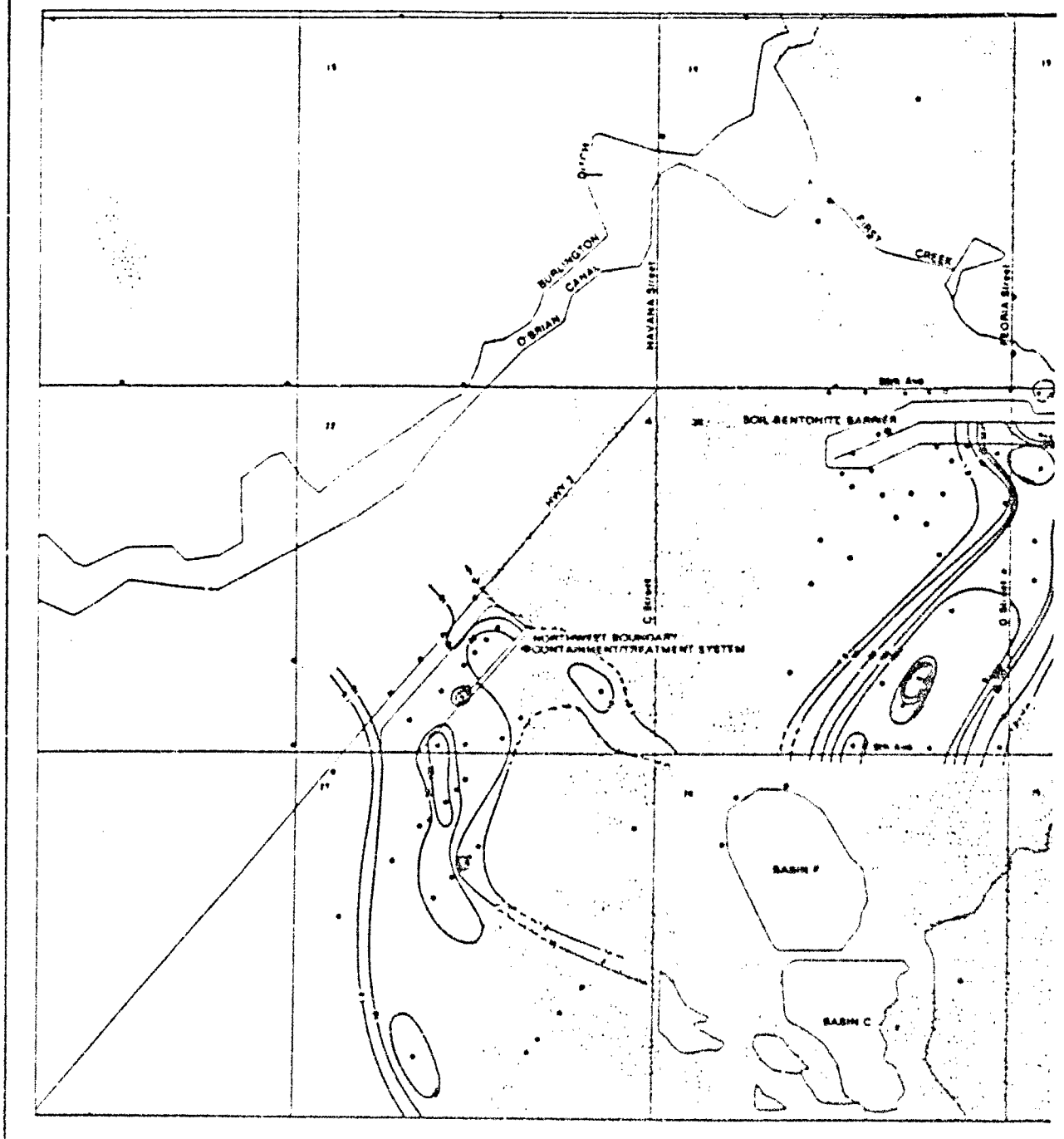
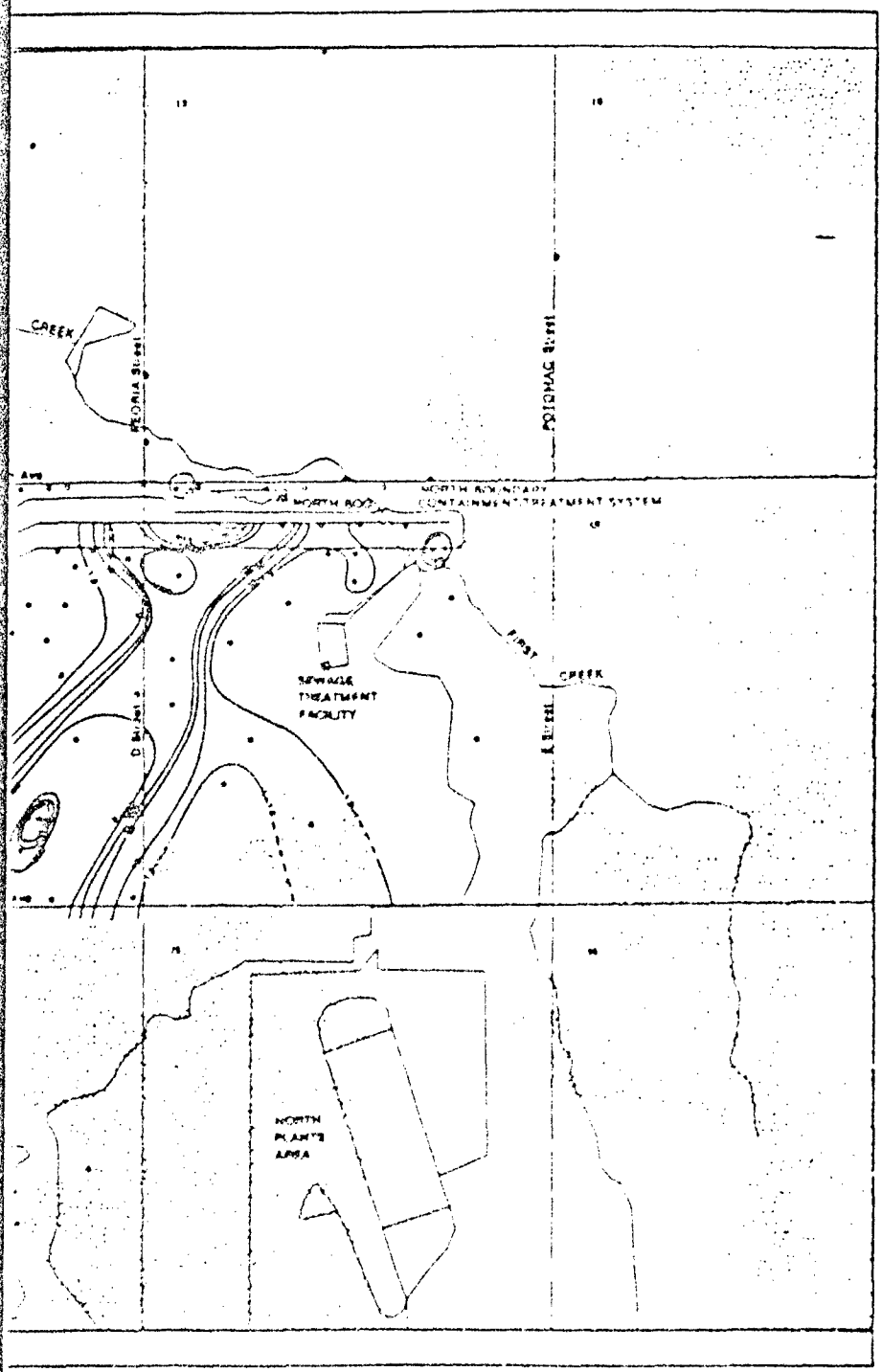


Figure B-78B
CHLOROFORM CONCENTRATION DISTRIBUTION, ug/l,
2ND QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE CSE 1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

N

0 1000 2000

Scale in Feet

Prepared for:
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Aberdeen Proving Ground, Maryland

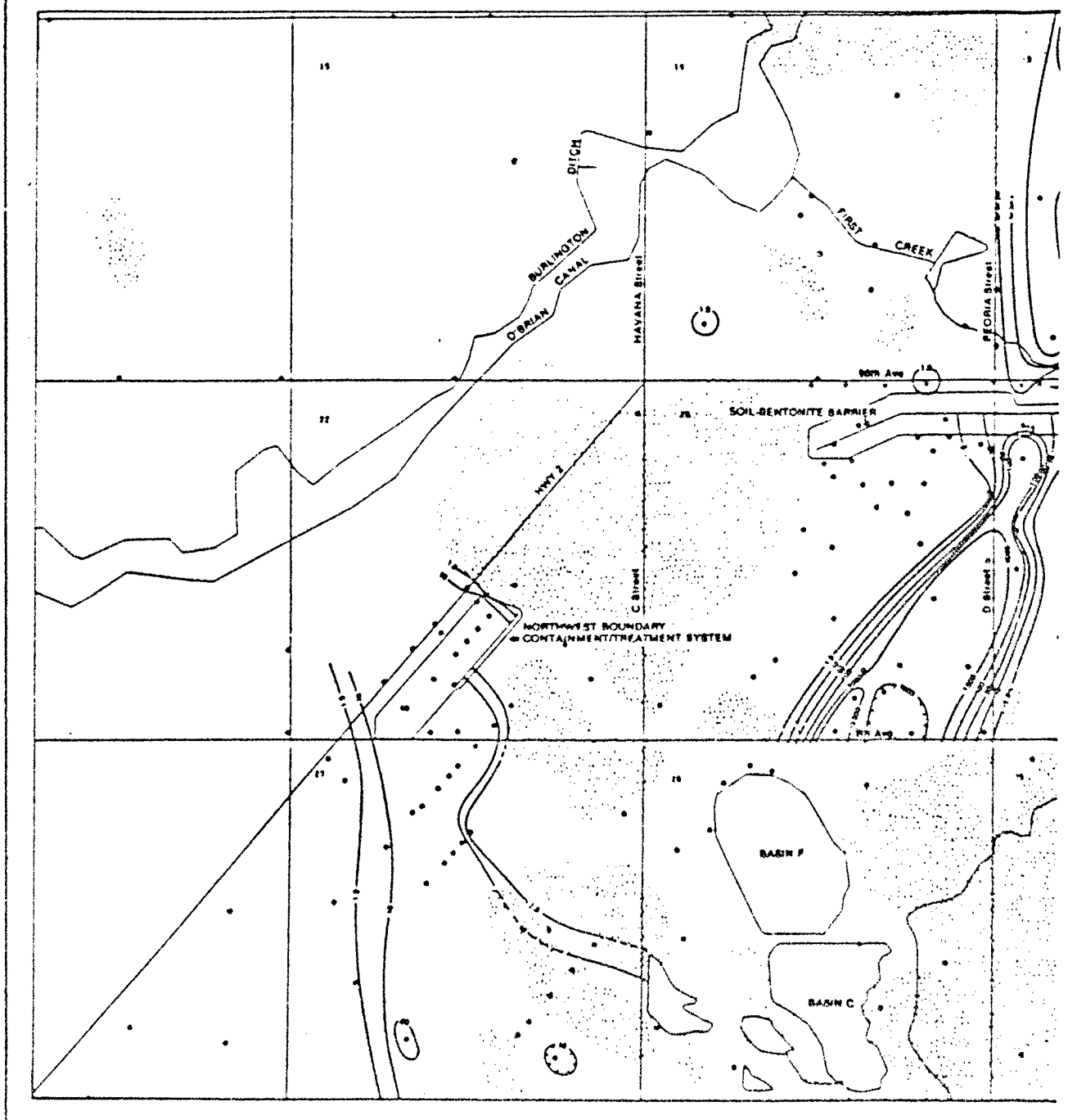
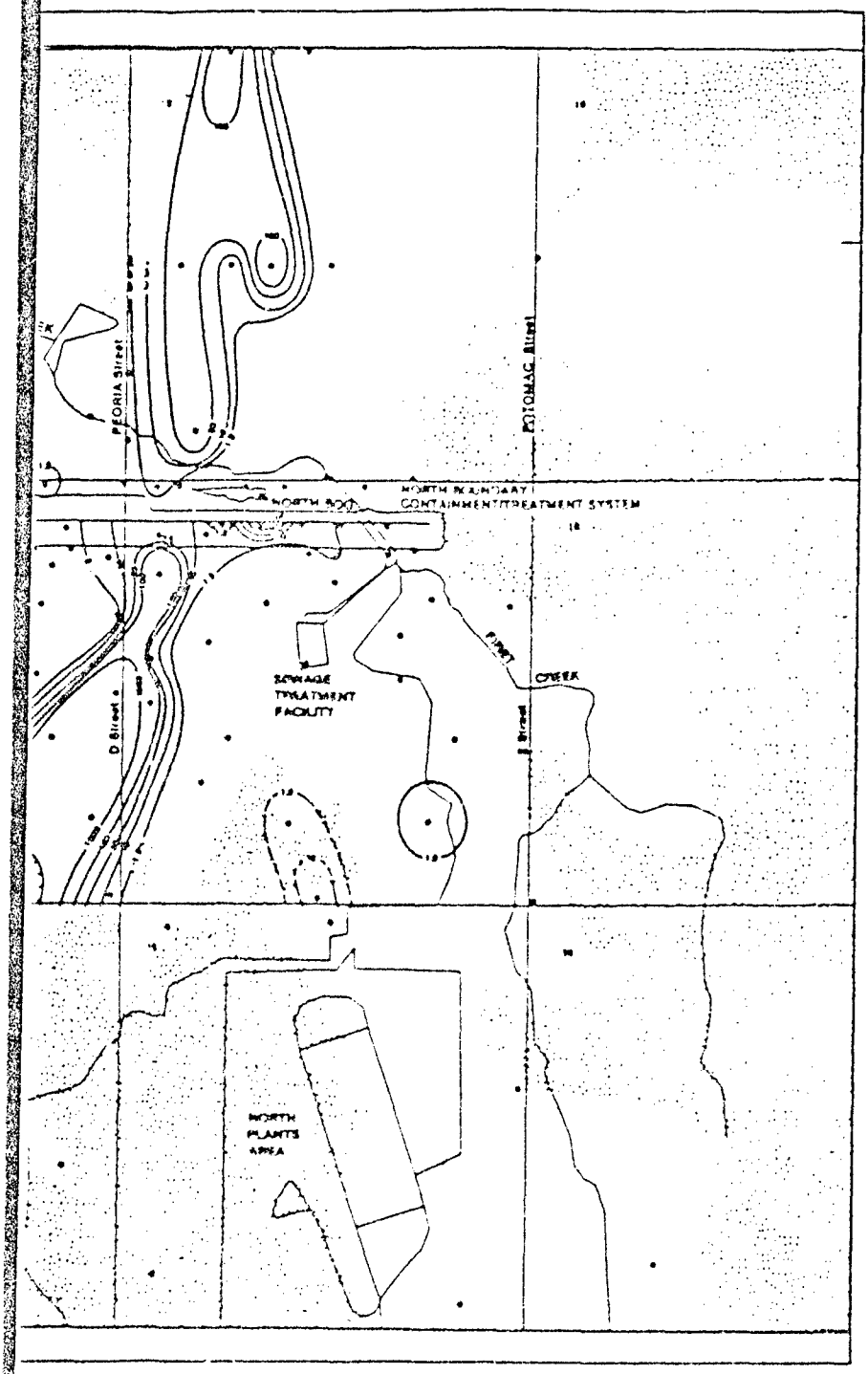


Figure 8-78C
CHLOROFORM CONCENTRATION DISTRIBUTION, ug/l,
3RD QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE ESE, 1988

(2)



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

N

0 1000 2000

Scale in Feet

Prepared for:
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For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

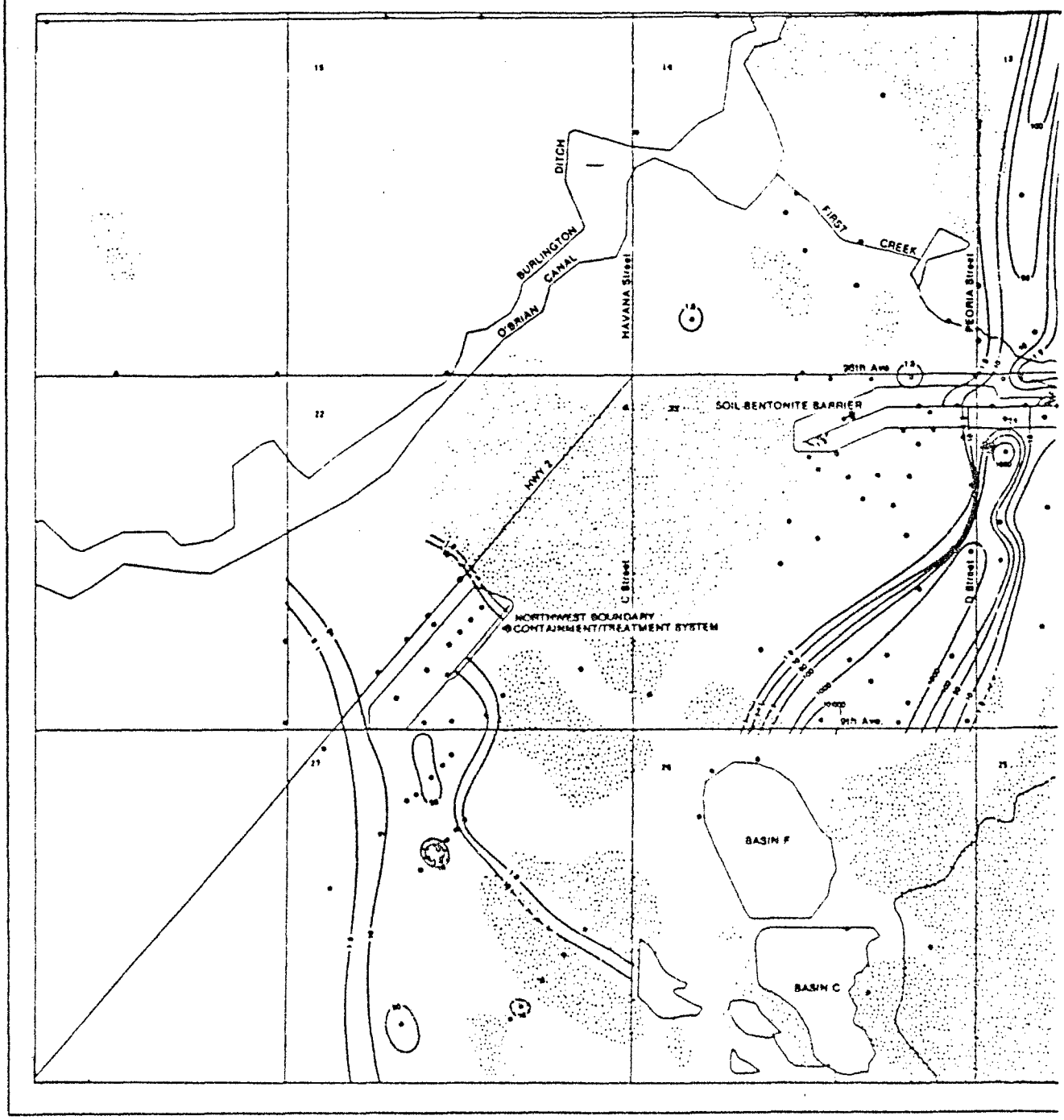
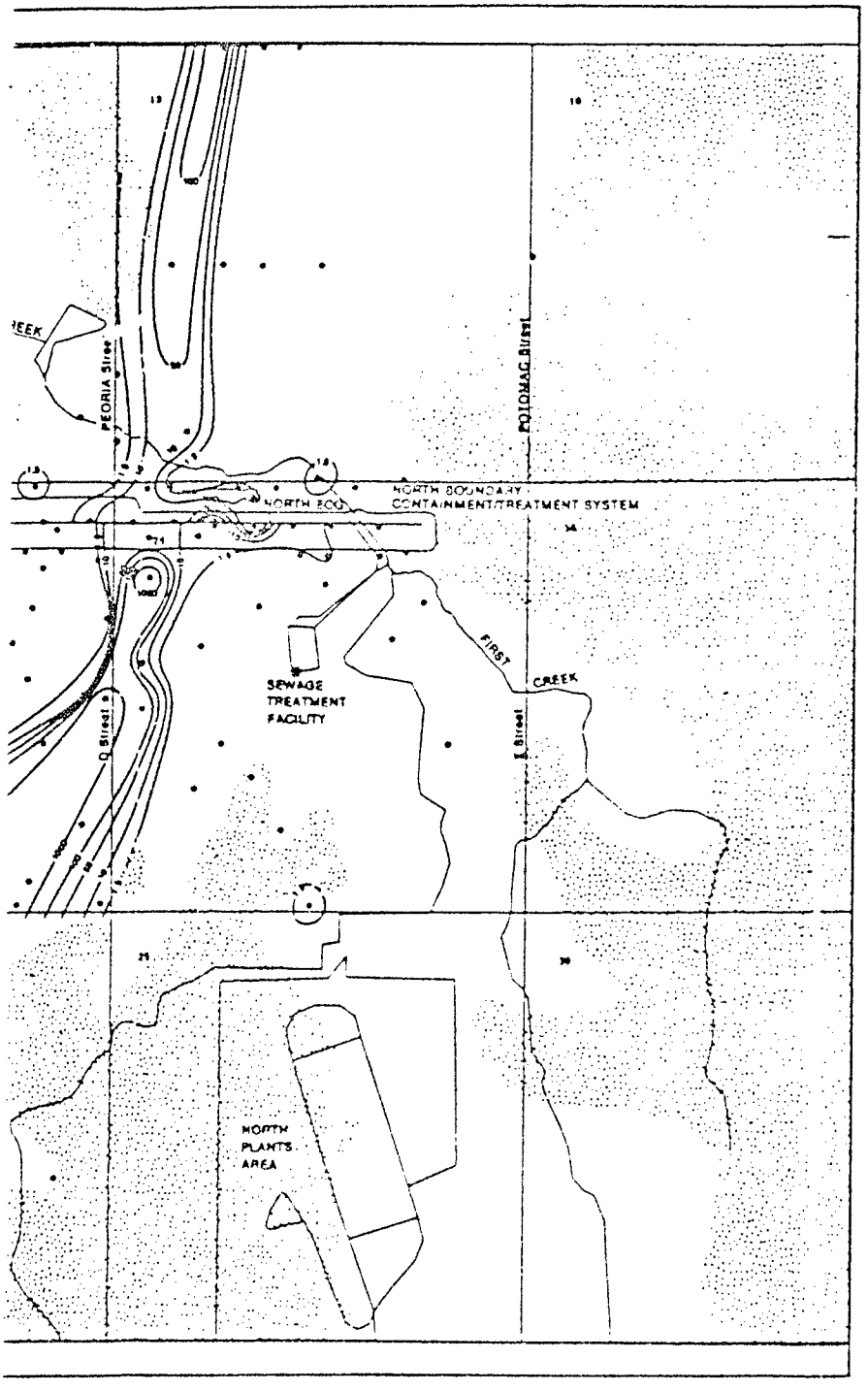


Figure B-78D
CHLOROFORM CONCENTRATION DISTRIBUTION, ug/l,
4TH QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE ESE 1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

N

0 1000 2000

Scale in Feet

Prepared for:
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Aberdeen Proving Ground, Maryland

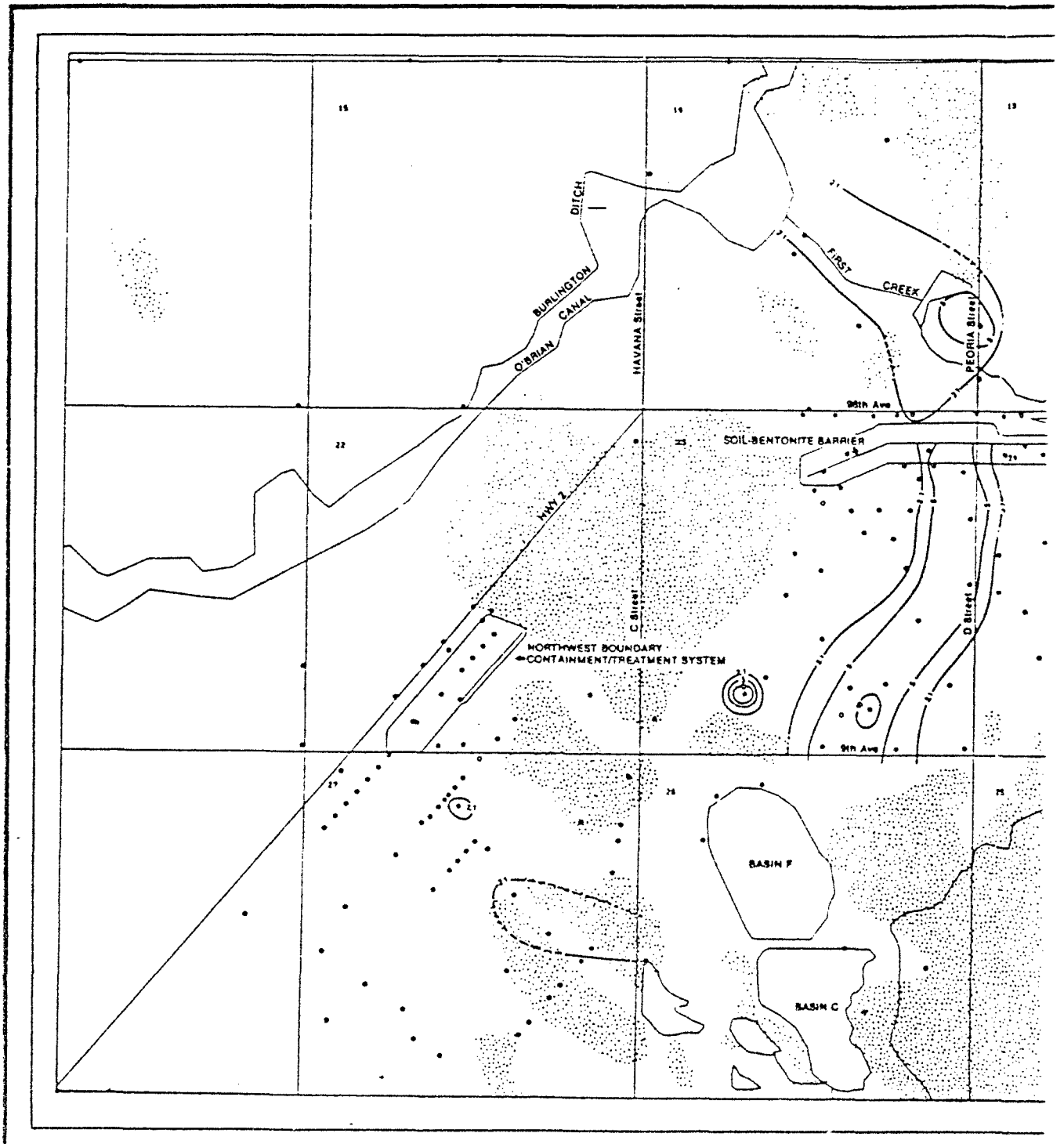
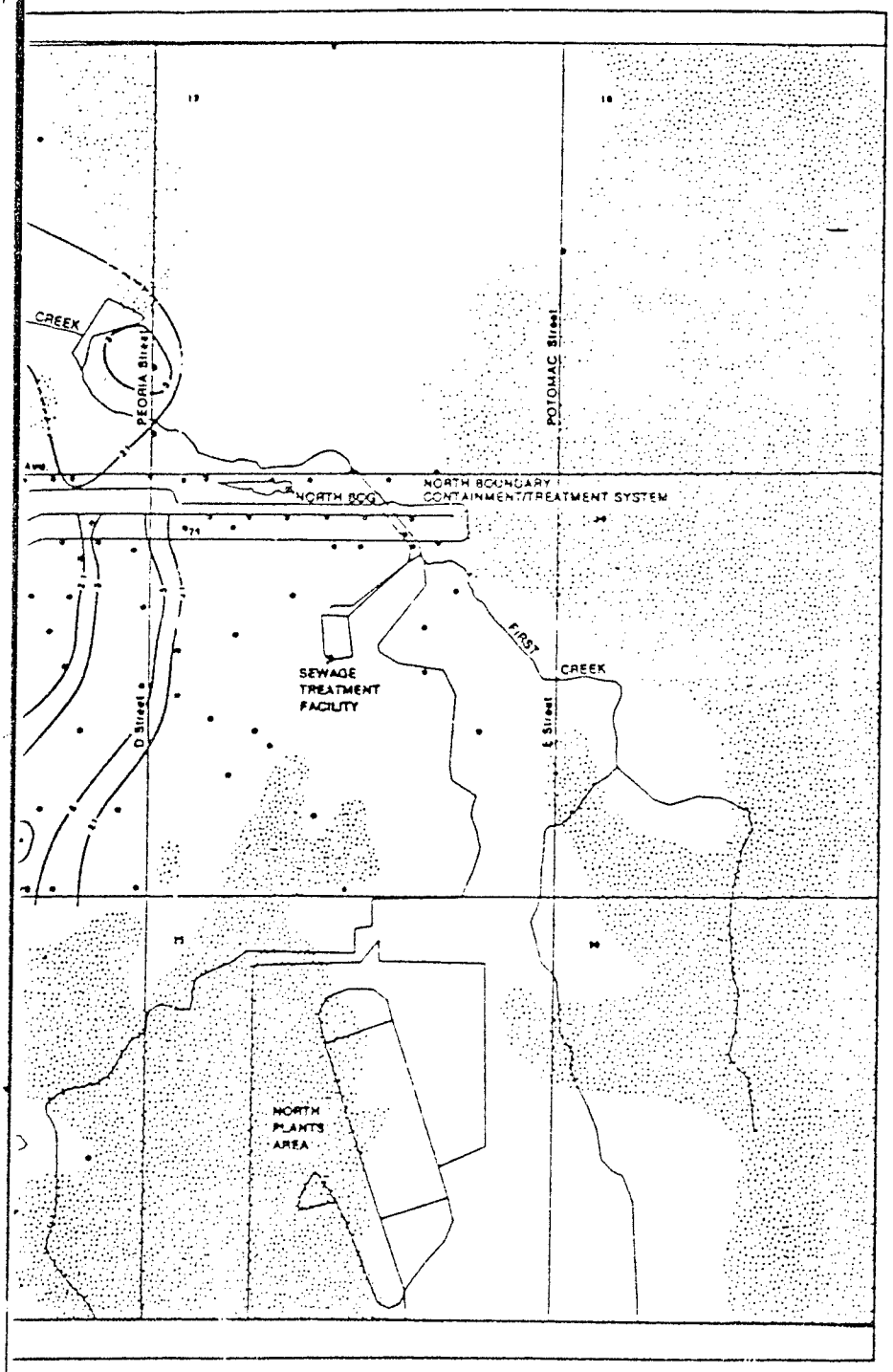


Figure B-79A
1,2-DICHLOROETHANE CONCENTRATION DISTRIBUTION, ug/l,
1ST QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE: ESE, 1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

N

0 1000 2000

Scale in Feet

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Aberdeen Proving Ground, Maryland

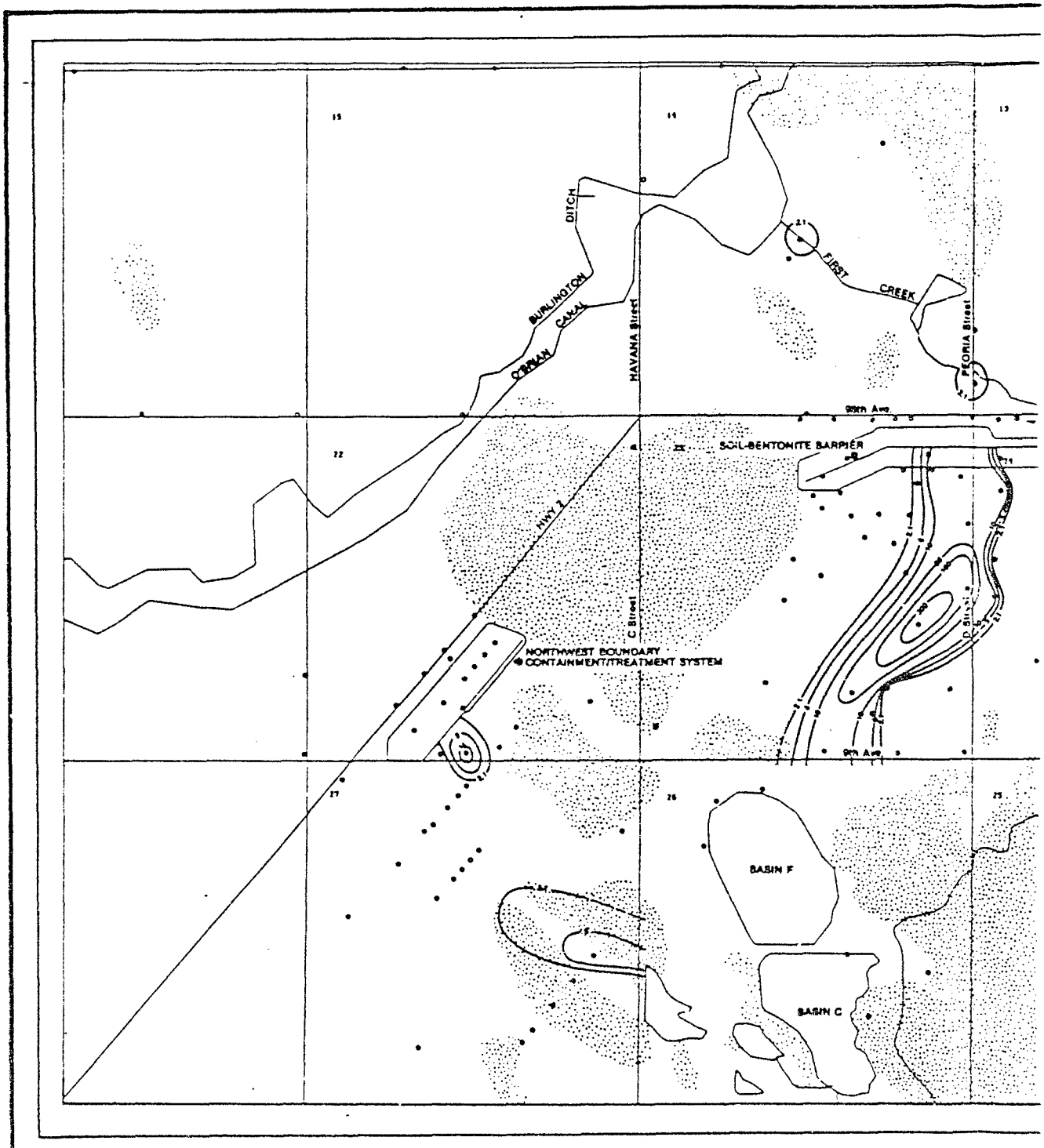
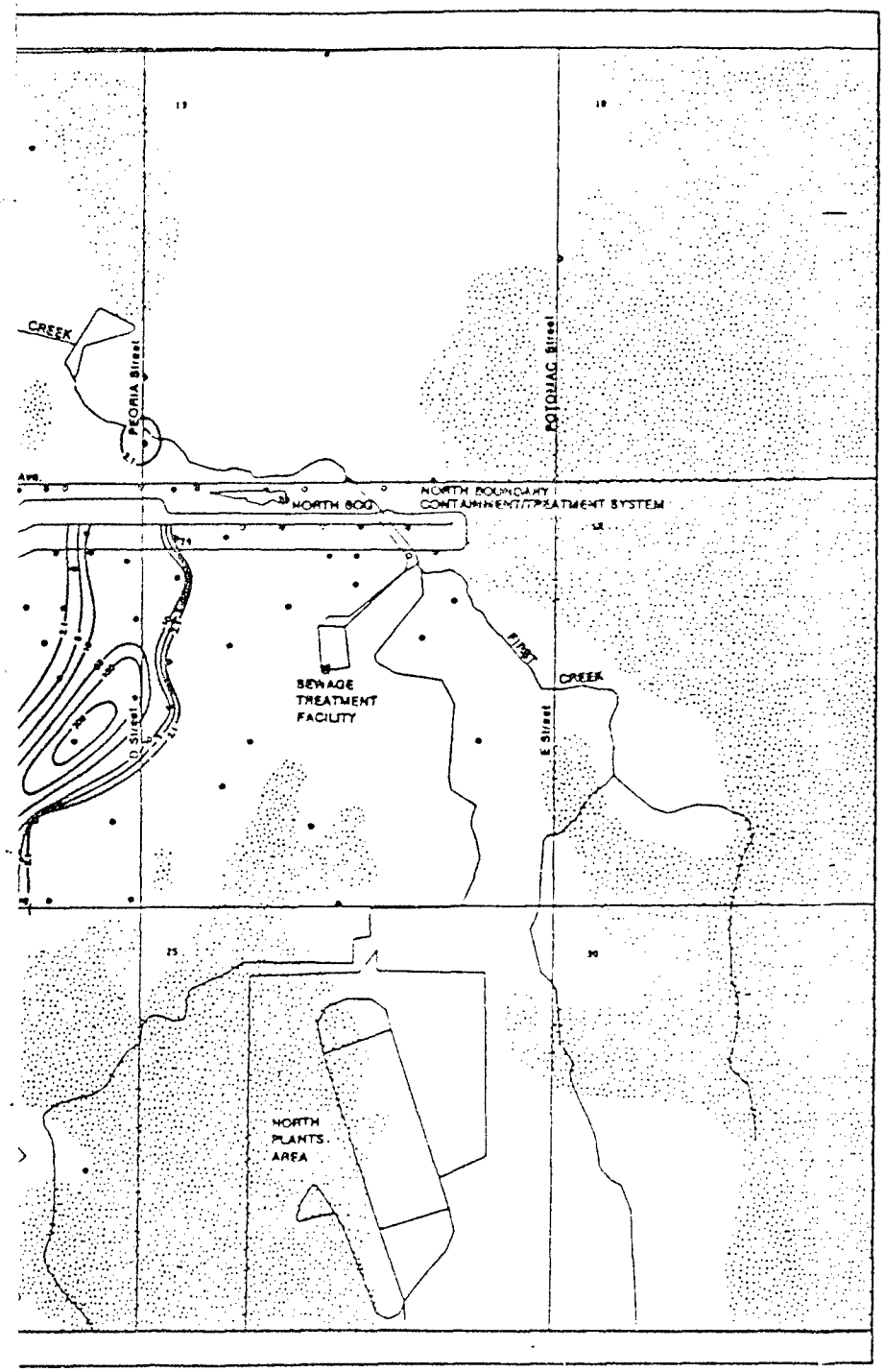


Figure 8-79B
1,2-DICHLOROETHANE CONCENTRATION DISTRIBUTION, ug/l,
2ND QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE: ESE, 1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

N

0 1000 2000

Scale in Feet

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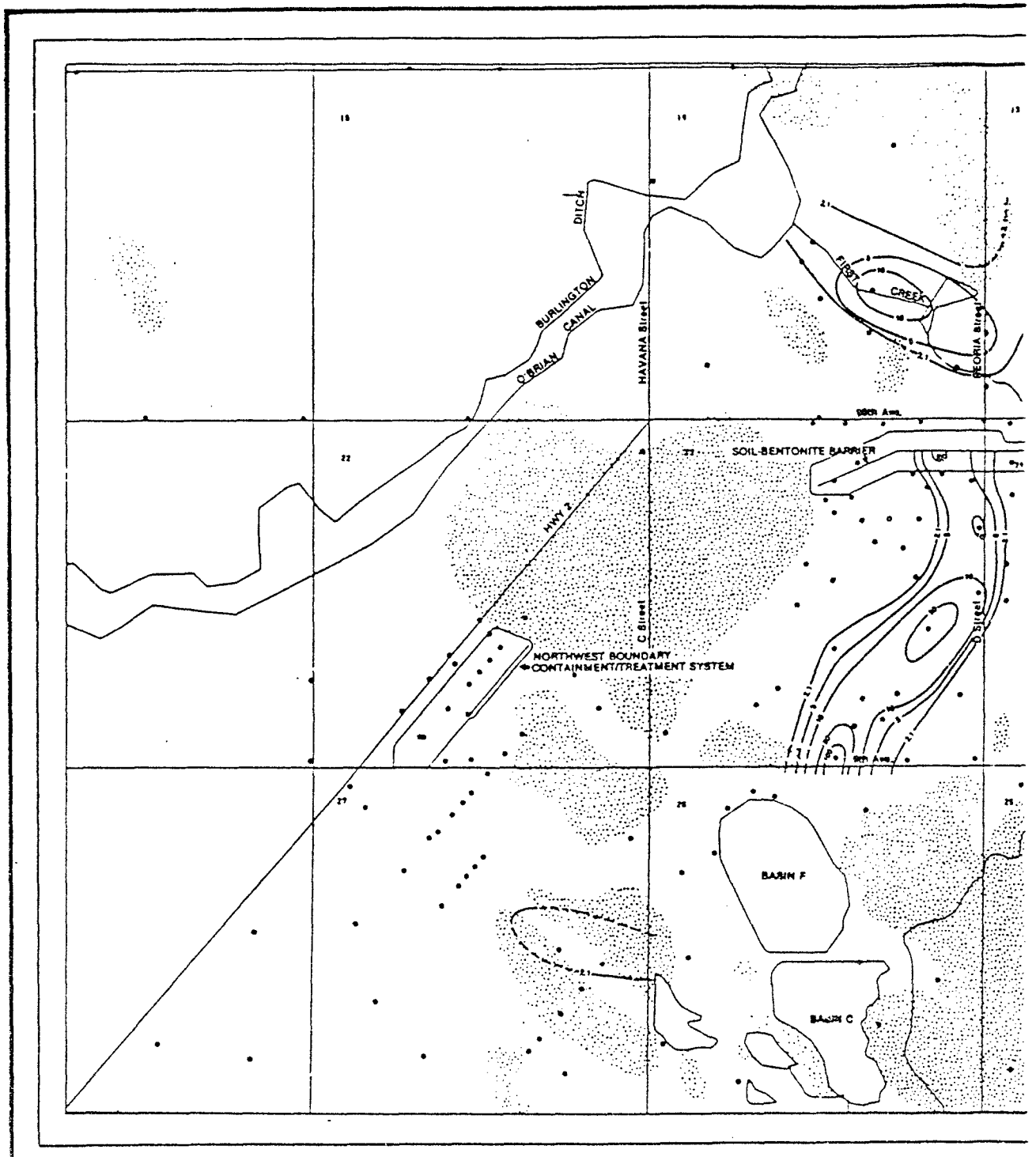
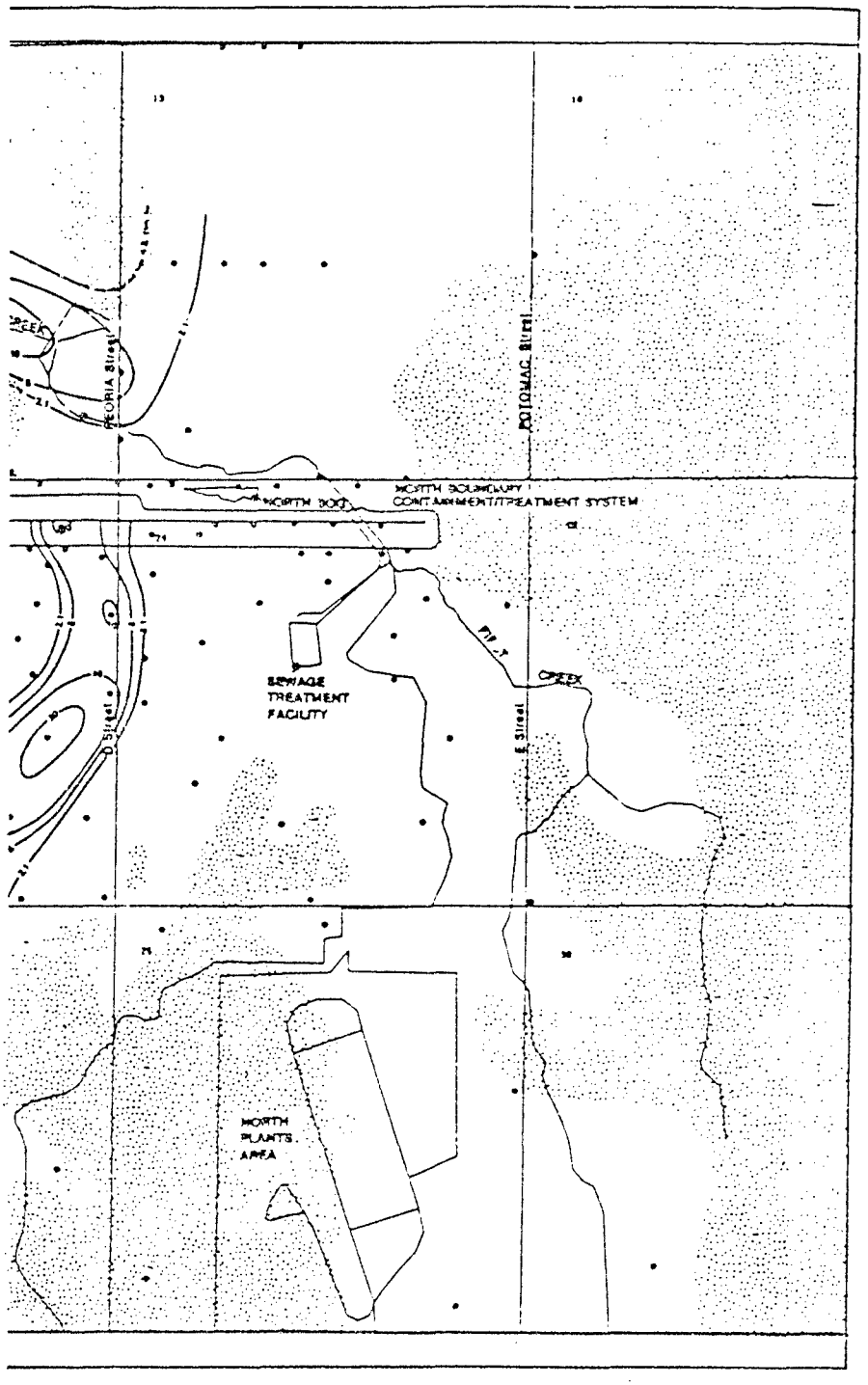


Figure B-79C
1,2-DICHLOROETHANE CONCENTRATION DISTRIBUTION, ug/l,
3RD QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE:ESE,1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

N

0 1000 2000

Scale In Feet

Prepared for:
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Aberdeen Proving Ground, Maryland

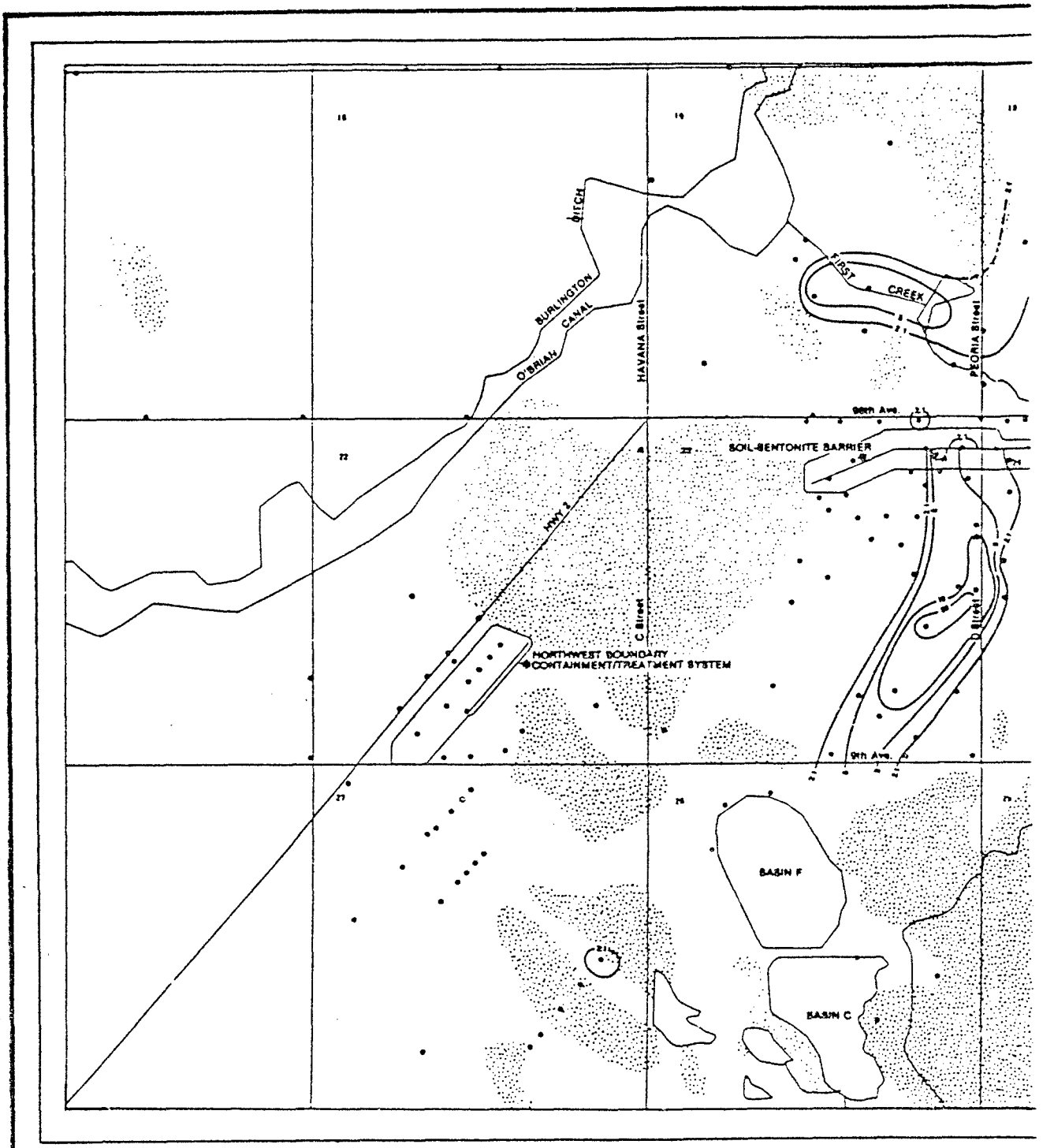
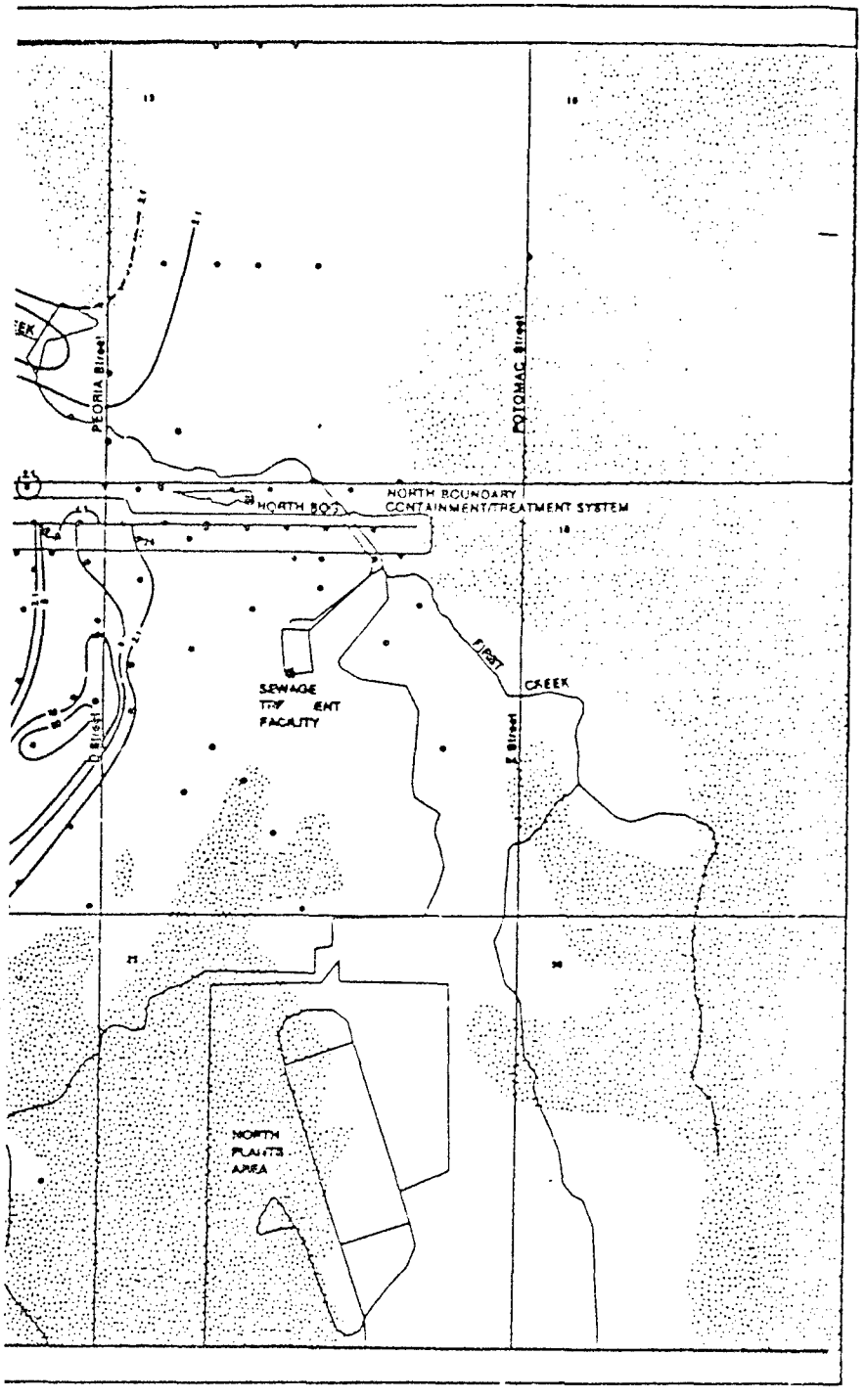


Figure B-79D
1,2-DICHLOROETHANE CONCENTRATION DISTRIBUTION, ug/l,
4TH QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE:ESE,1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

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0 1000 2000

Scale in Feet

Prepared for:
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For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

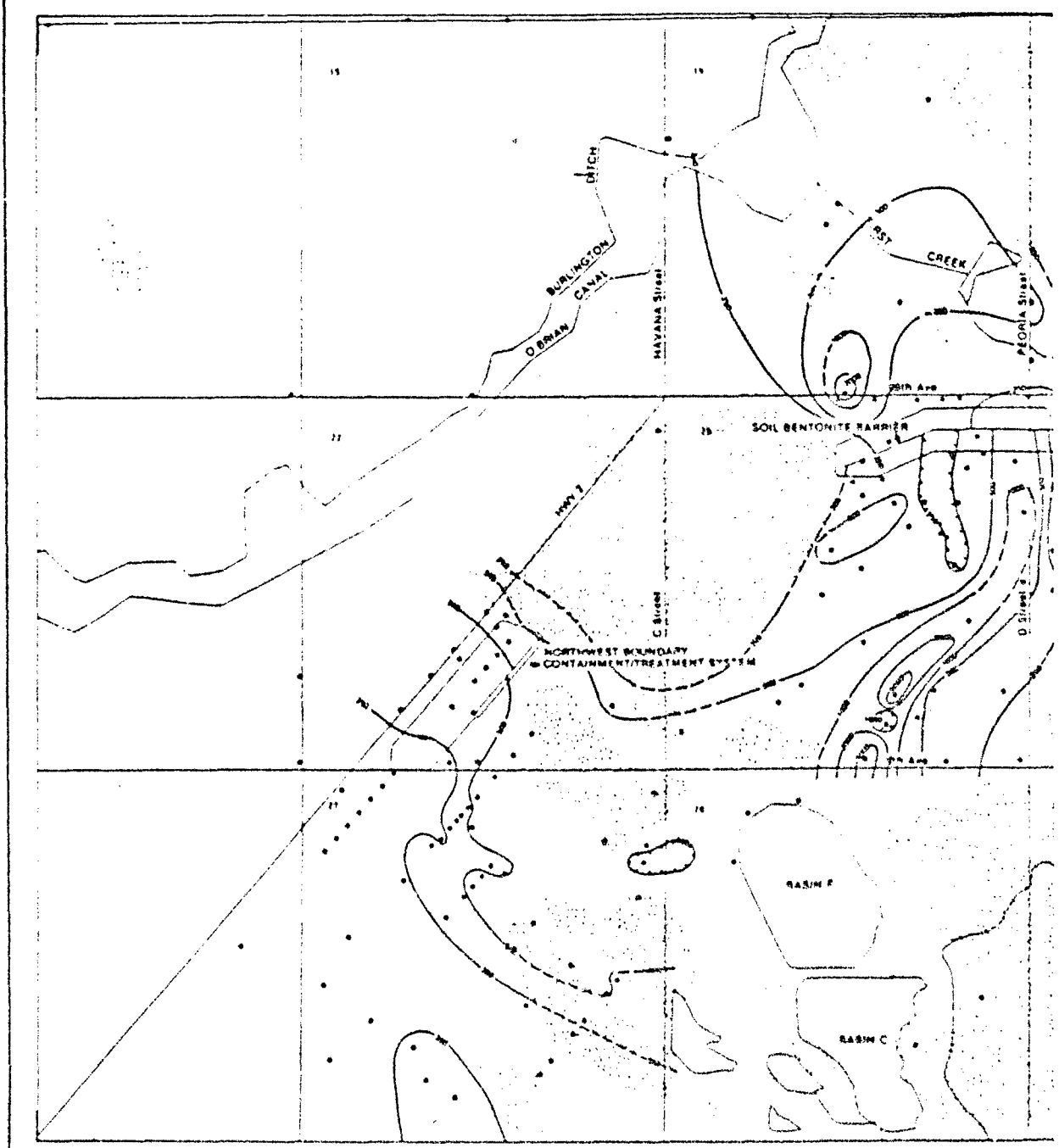
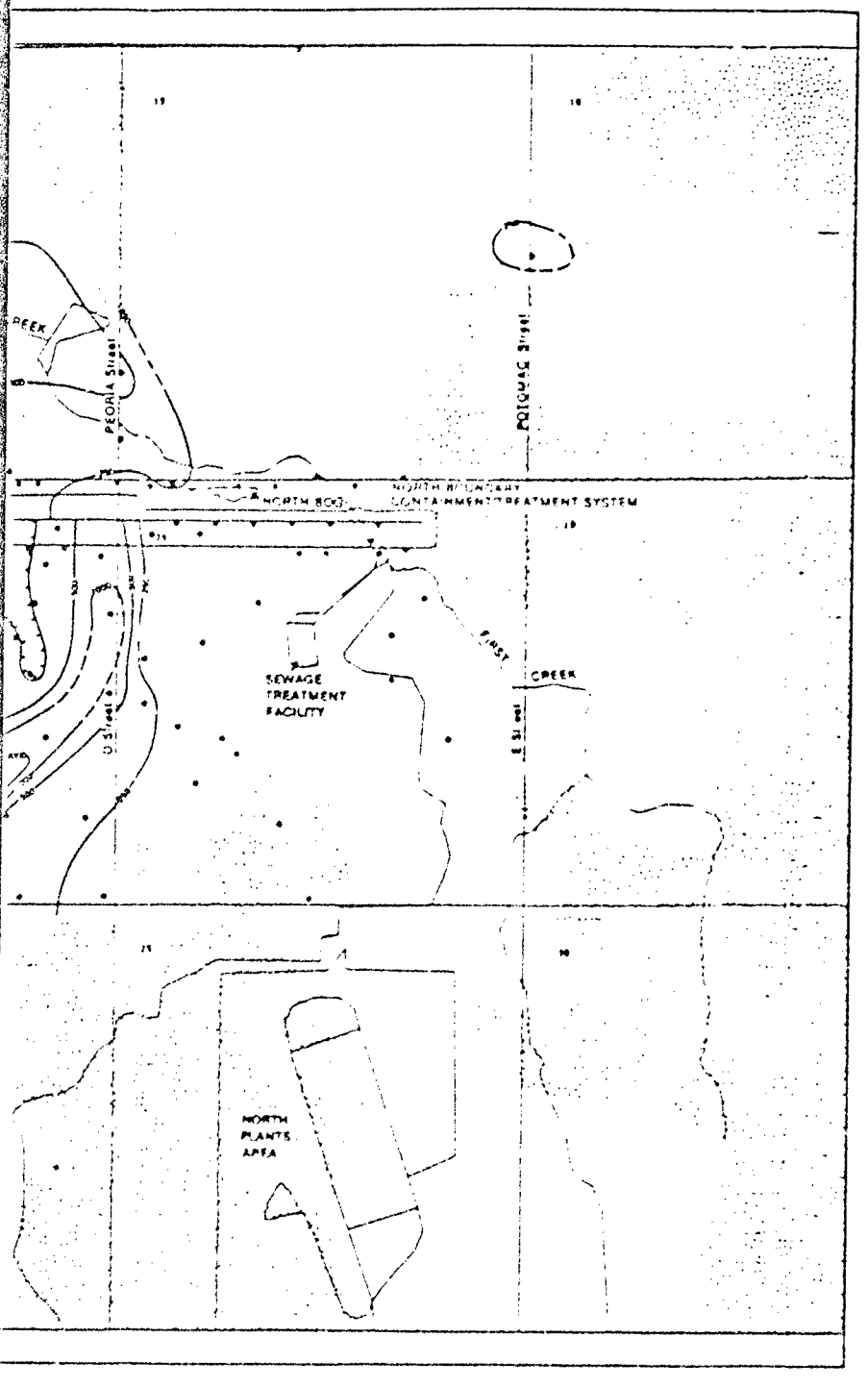


Figure B-80A
CHLORIDE CONCENTRATION DISTRIBUTION, mg/l,
1ST QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE ESE 1988



EXPLANATION

CONCENTRATIONS IN (mg/l)

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

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0 1000 2000

Scale in Feet

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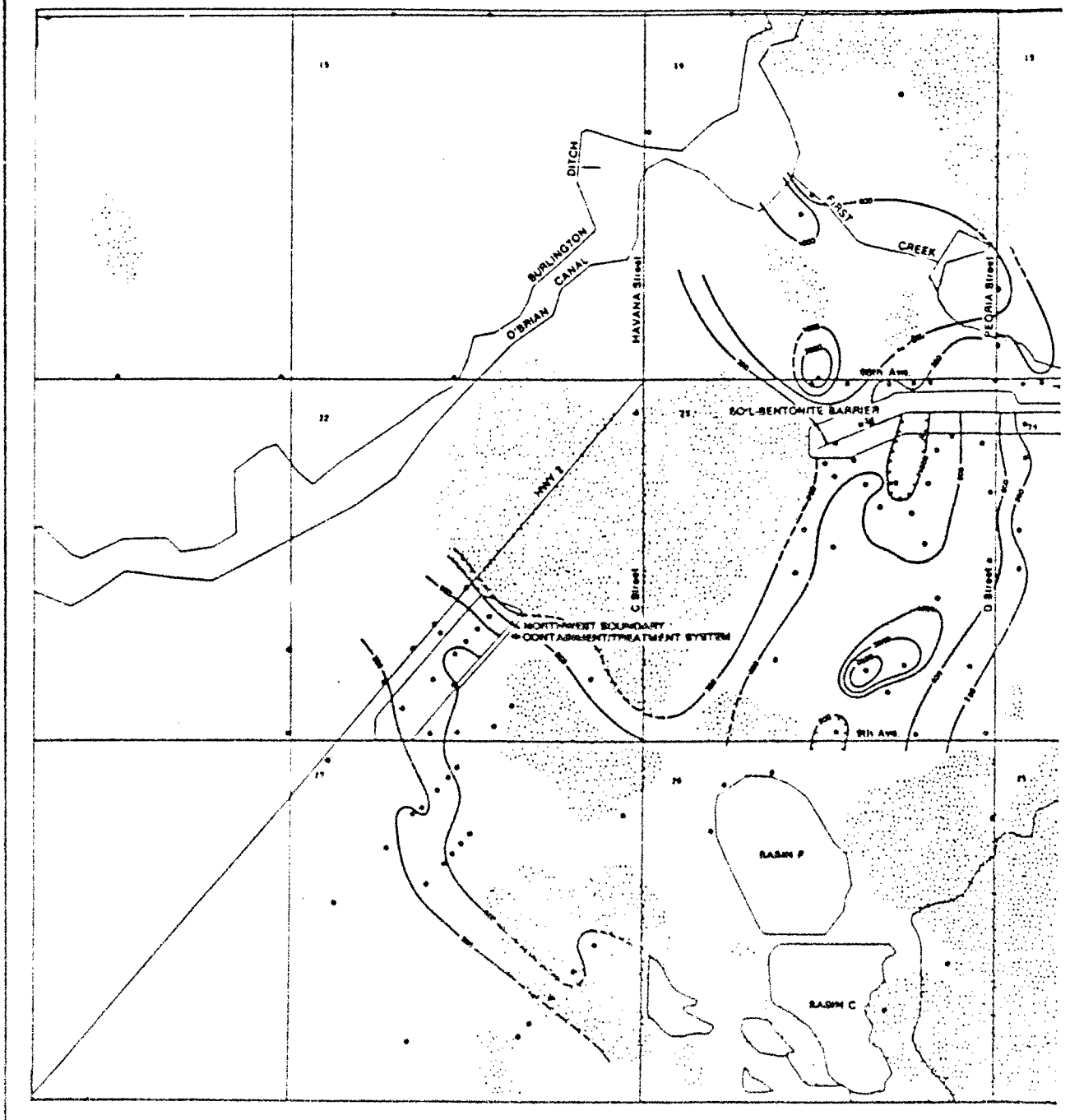
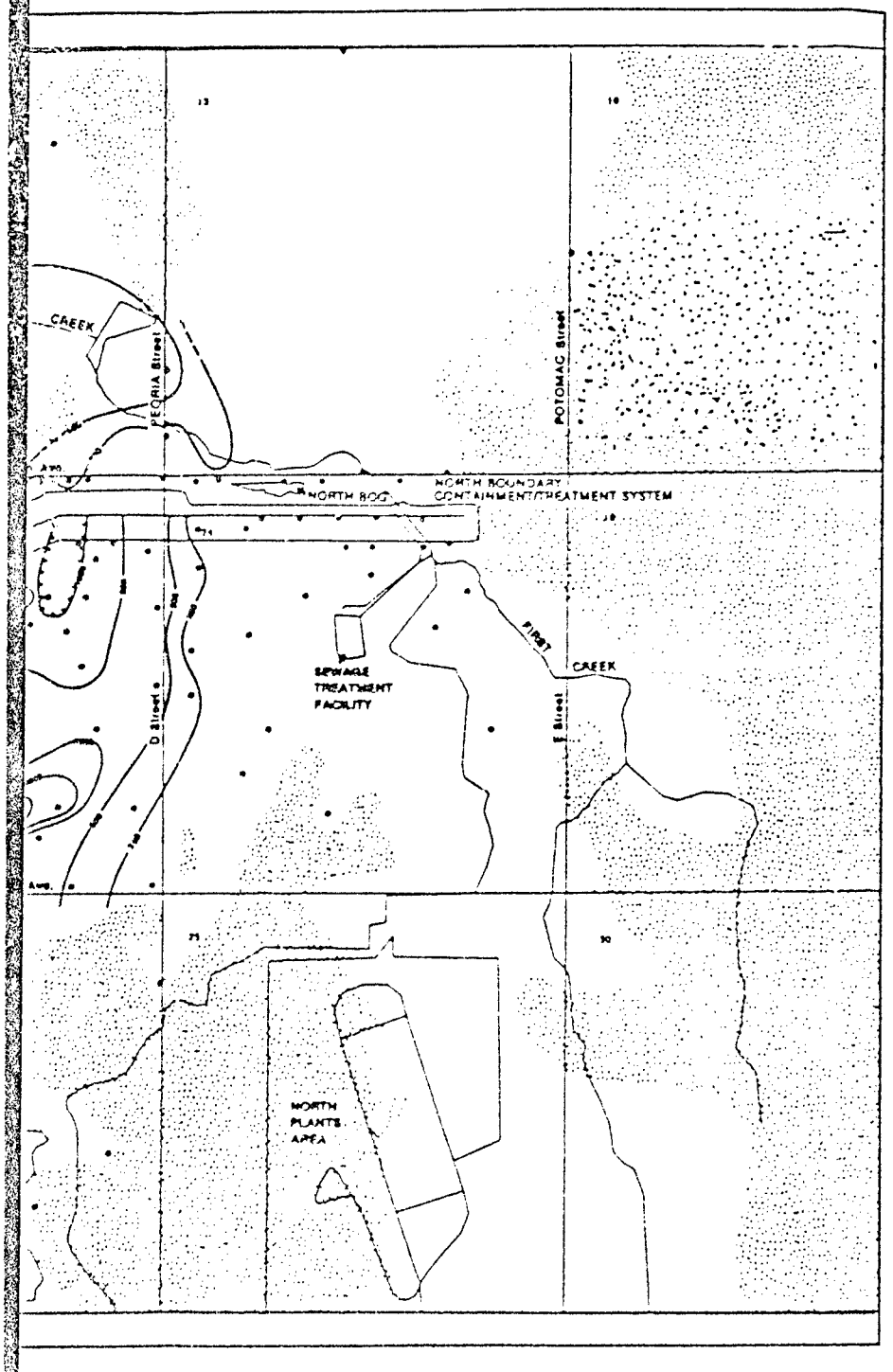


Figure 6-60B
CHLORIDE CONCENTRATION DISTRIBUTION, mg/l,
2ND QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE ESE 1988



EXPLANATION

CONCENTRATIONS IN (mg/l)

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

N

0 1000 2000

Scale In Feet

Prepared for:
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For Rocky Mountain Arsenal

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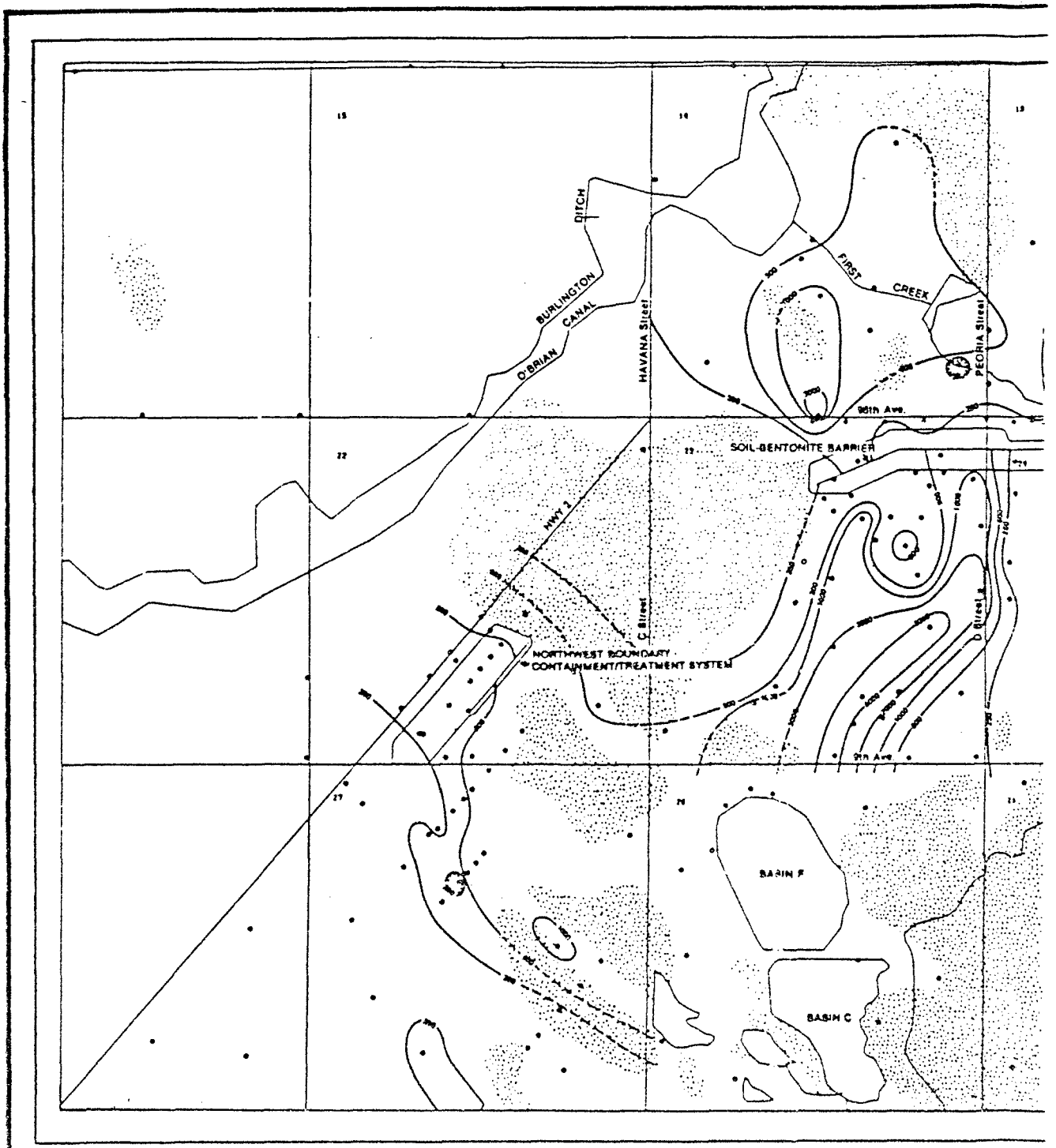
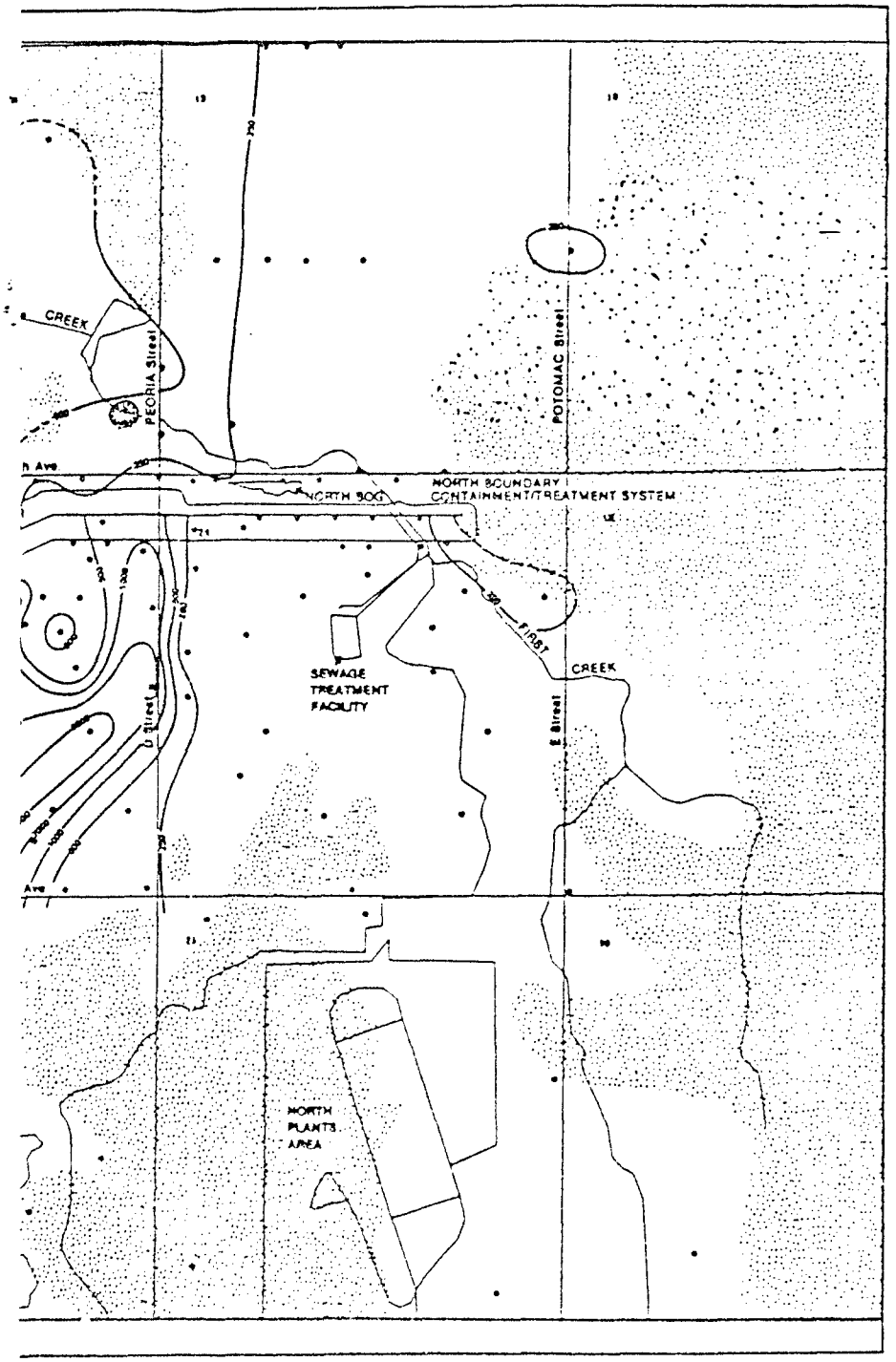


Figure B-80 C
CHLORIDE CONCENTRATION DISTRIBUTION, mg/l,
3RD QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE ESE, 1988



EXPLANATION

CONCENTRATIONS IN (mg/l)

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

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Scale In Feet

Prepared for:
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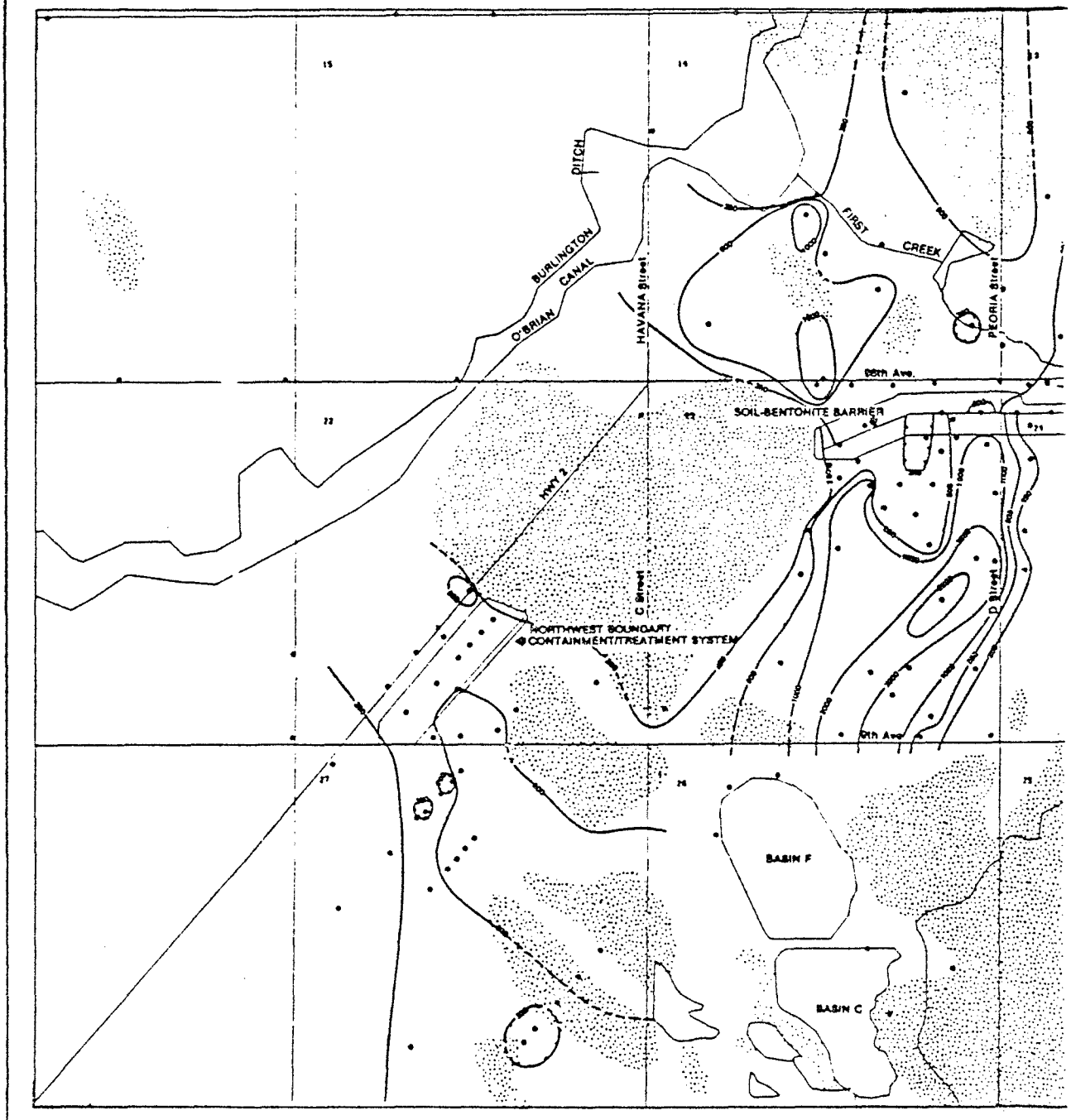
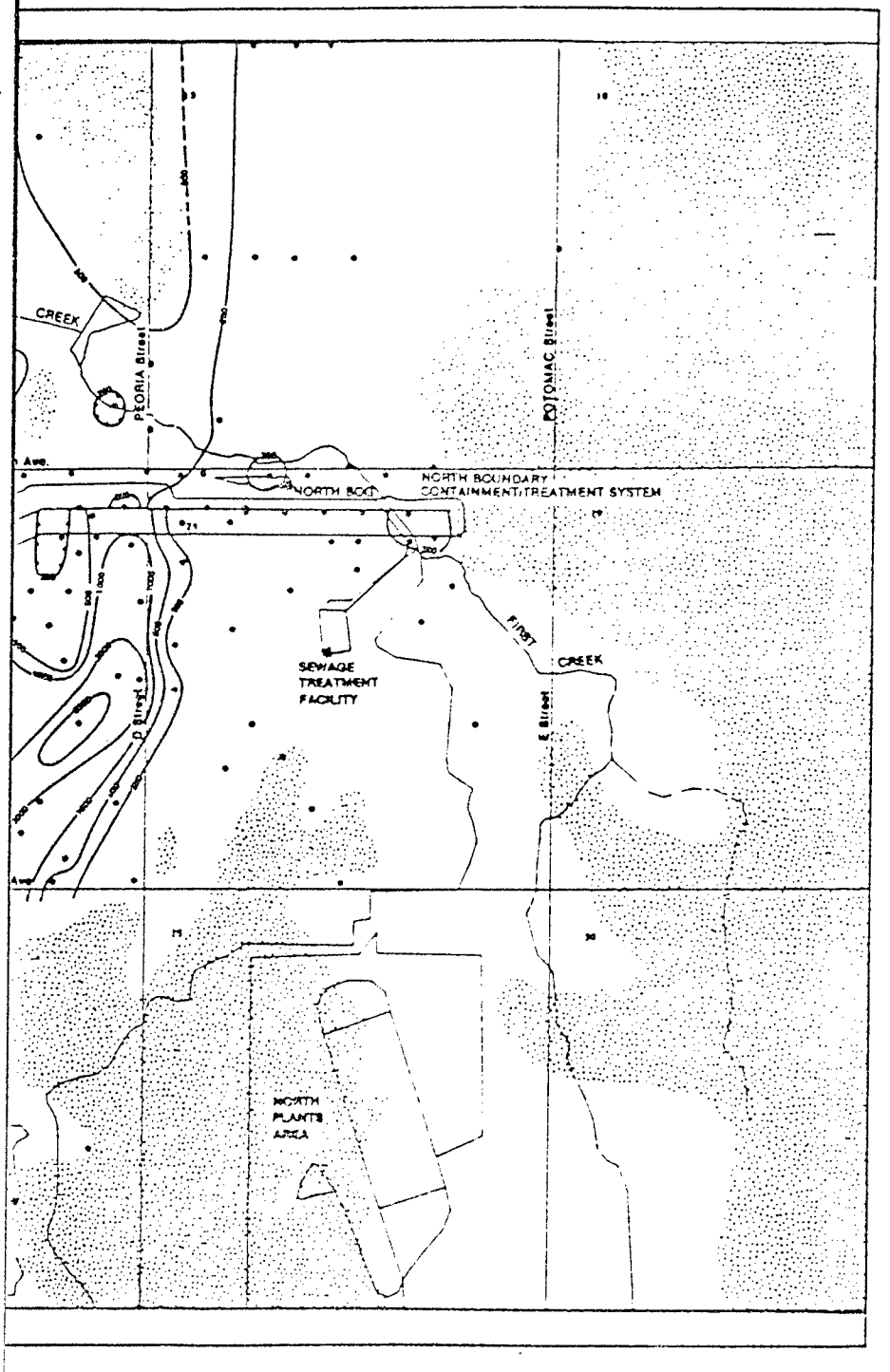


Figure B-80 D
CHLORIDE CONCENTRATION DISTRIBUTION, mg/l,
4TH QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE: ESE, 1988



EXPLANATION

CONCENTRATIONS IN (mg/l)

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

N

0 1000 2000

Scale In Feet

Prepared for:
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Aberdeen Proving Ground, Maryland

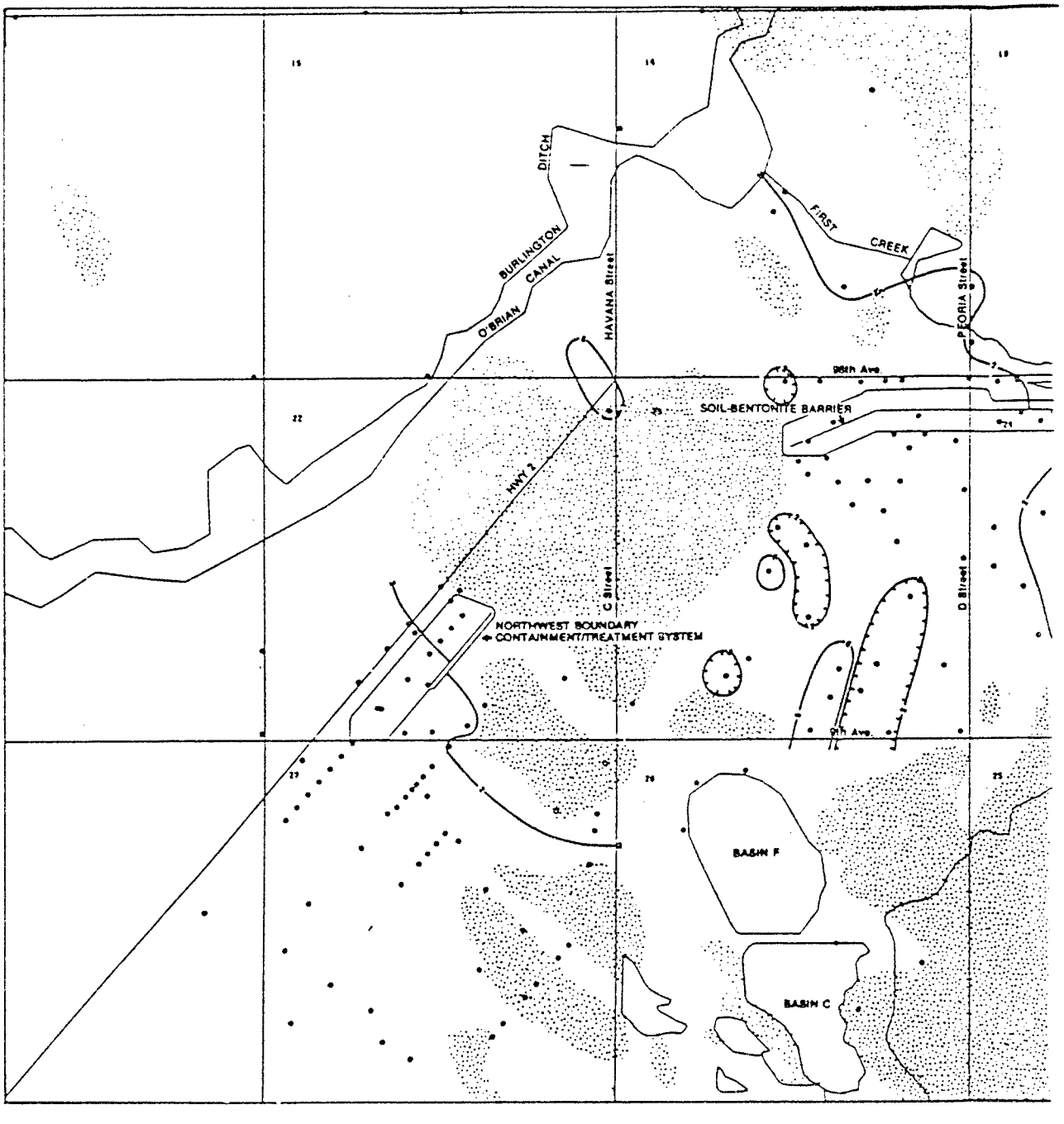
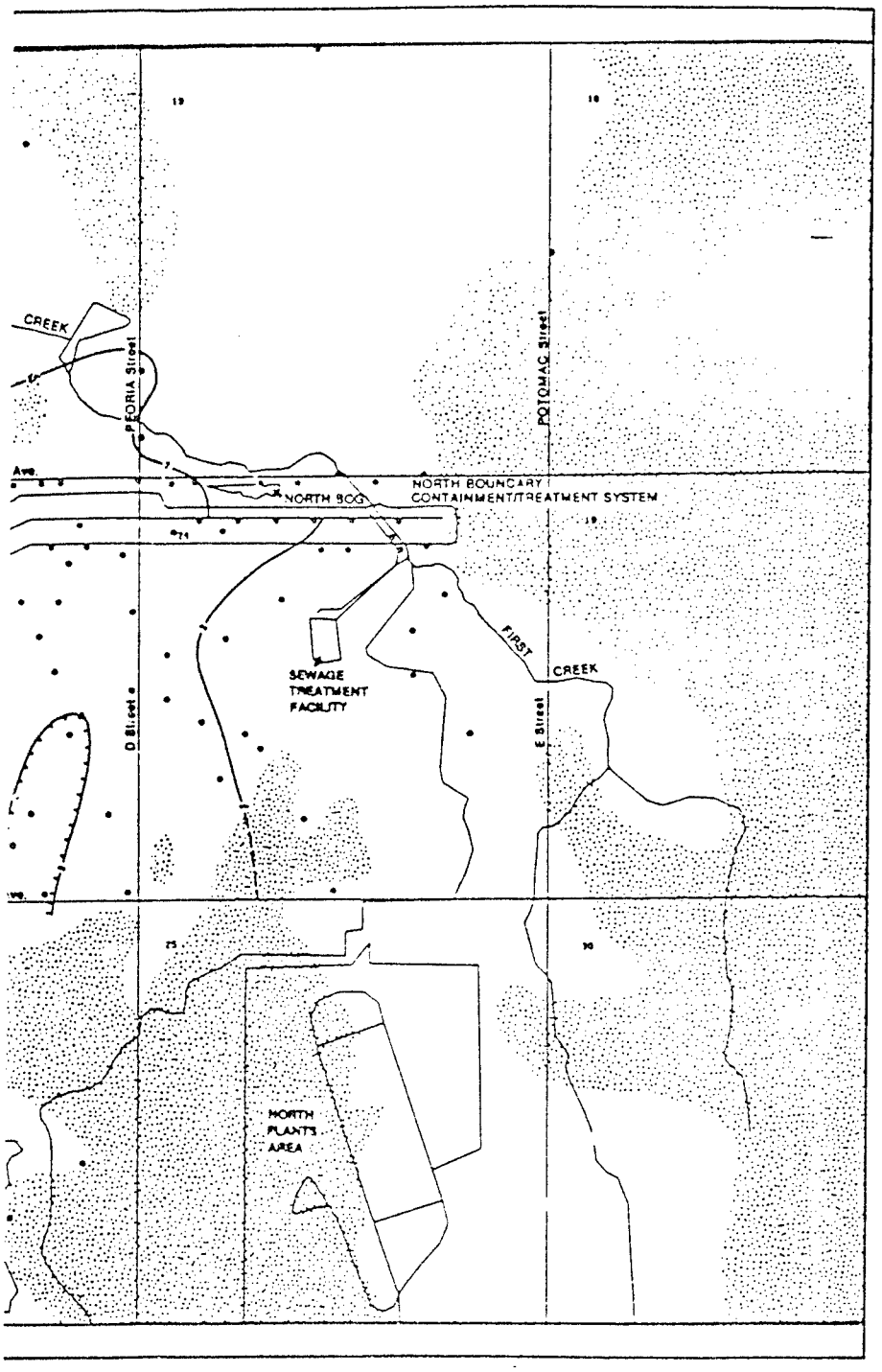


Figure B-81A
FLUORIDE CONCENTRATION DISTRIBUTION, mg/l,
1ST QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE:ESE,1988

(2)



EXPLANATION

CONCENTRATIONS IN (mg/l)

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

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0 1000 2000

Scale In Feet

Prepared for:
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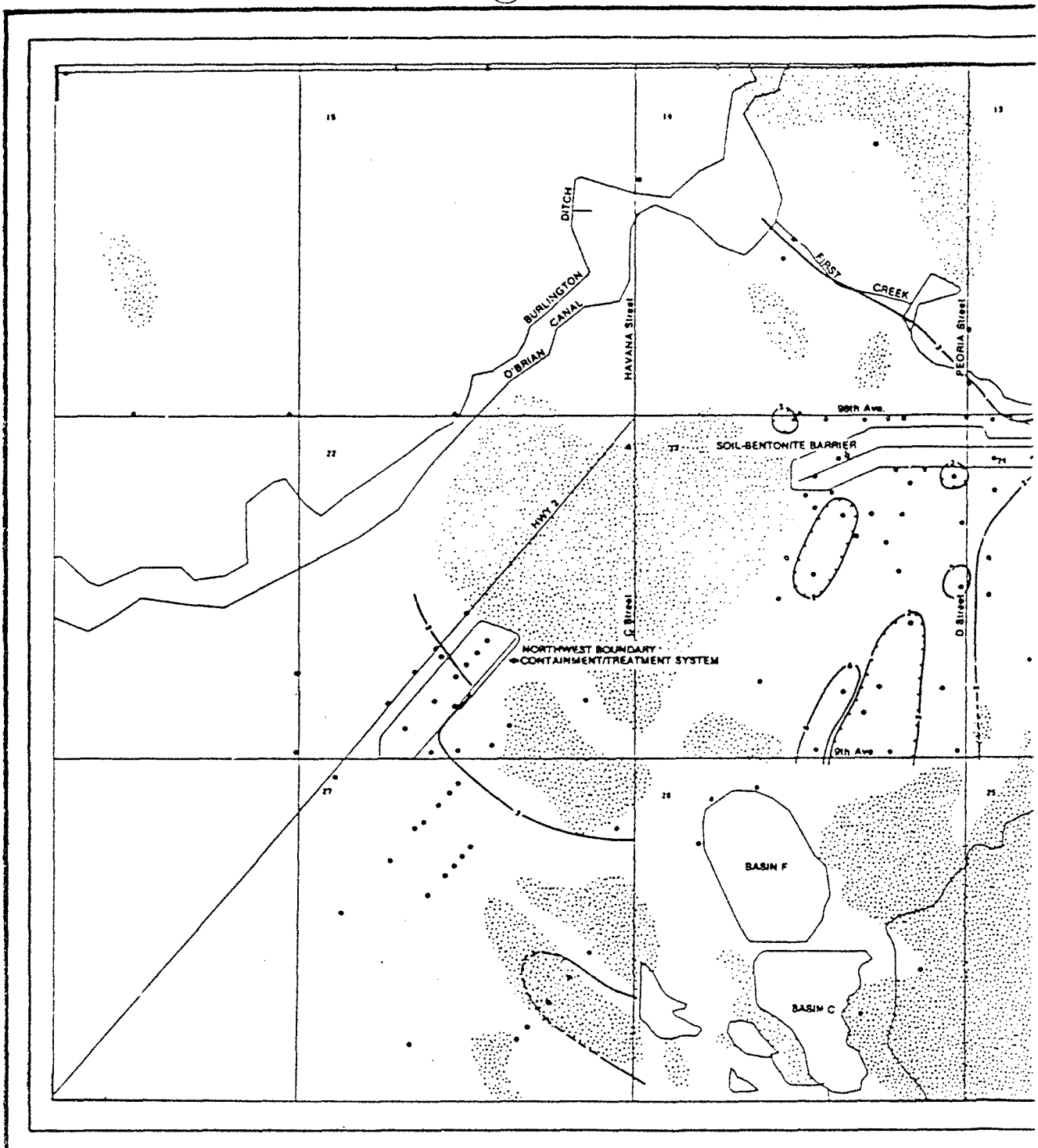
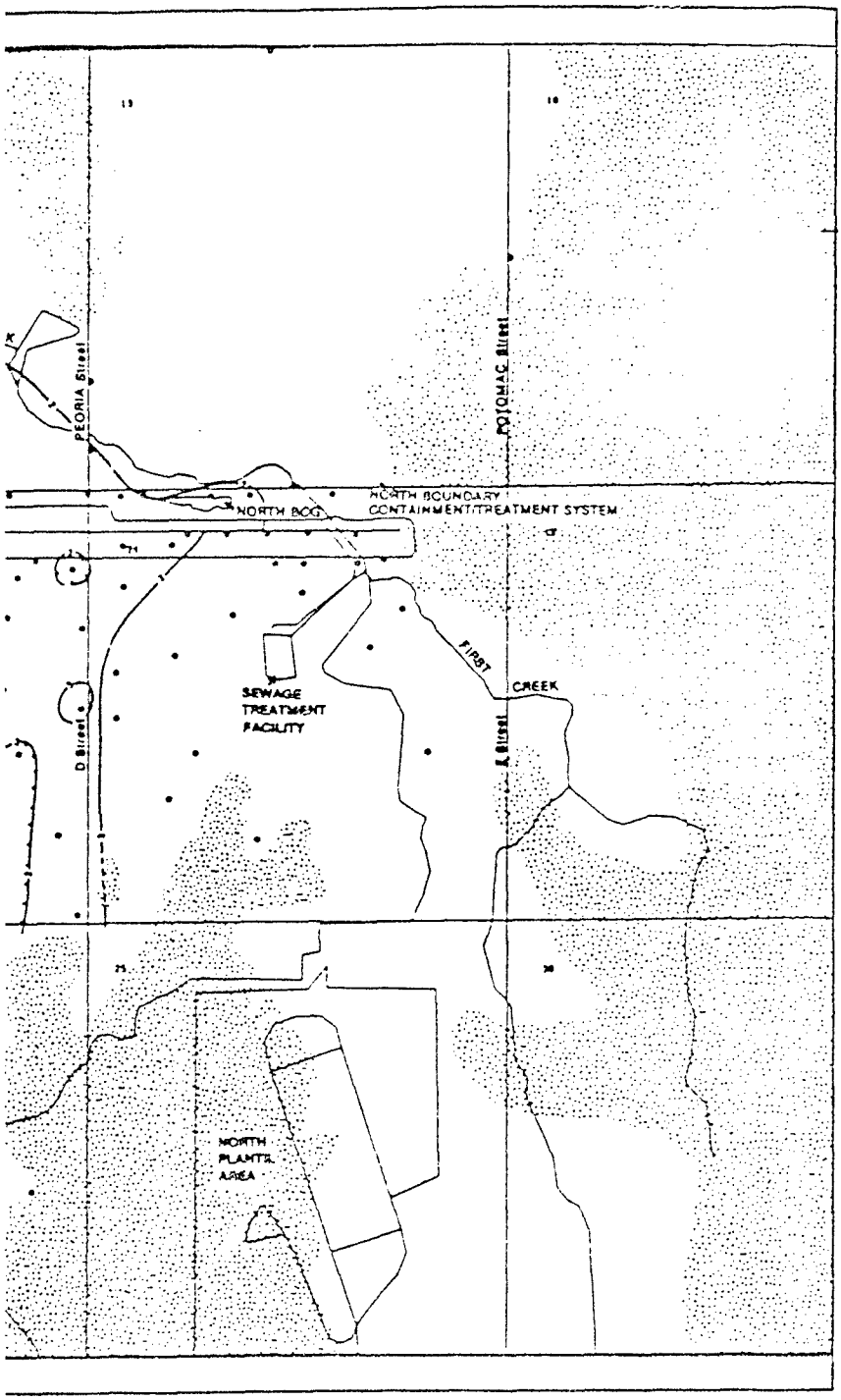


Figure B-81 B
FLUORIDE CONCENTRATION DISTRIBUTION, mg/l,
2ND QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE:ESE,1988



EXPLANATION

CONCENTRATIONS IN (mg/l)

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

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0 1000 2000

Scale in Feet

Prepared for:
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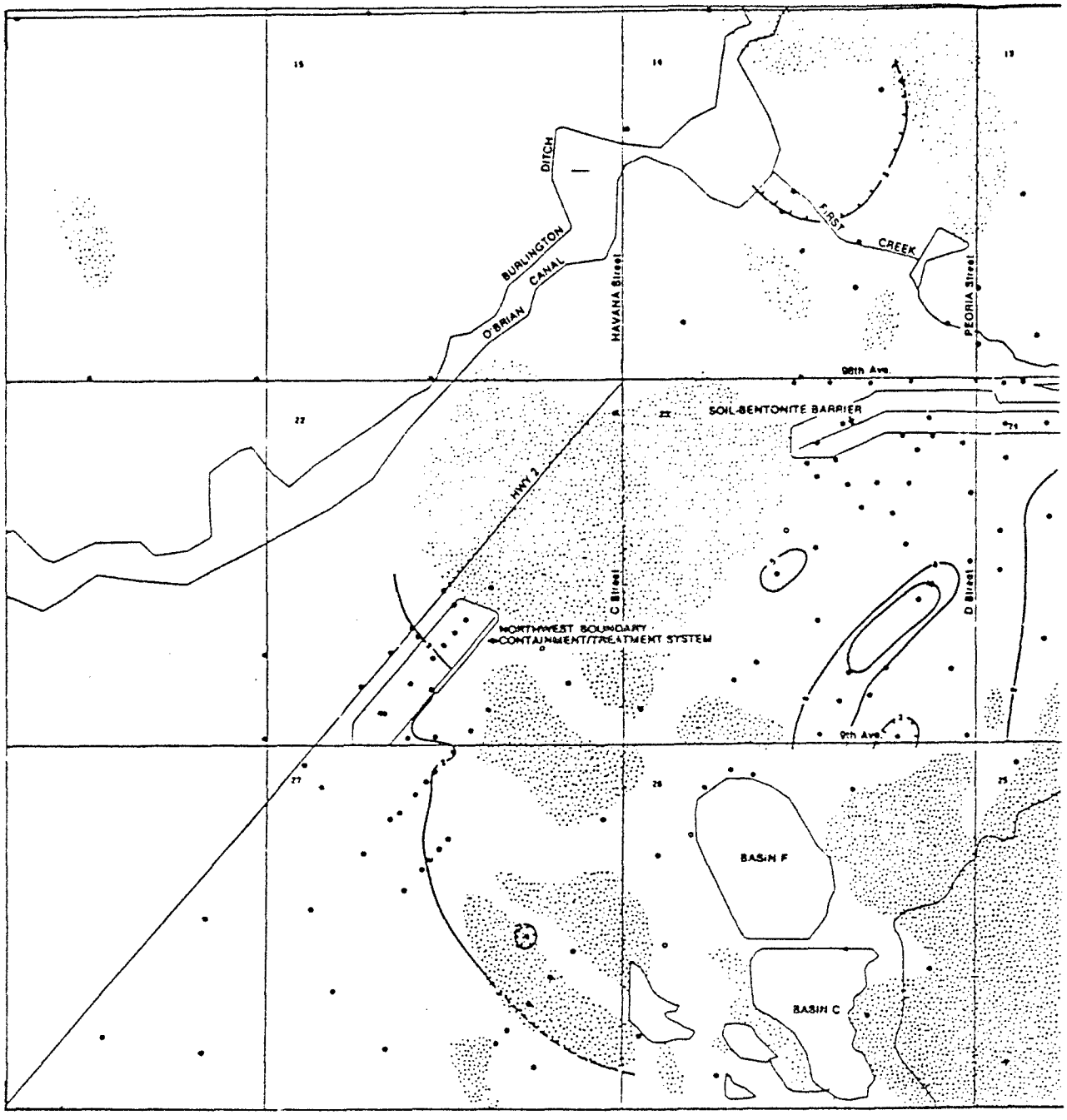
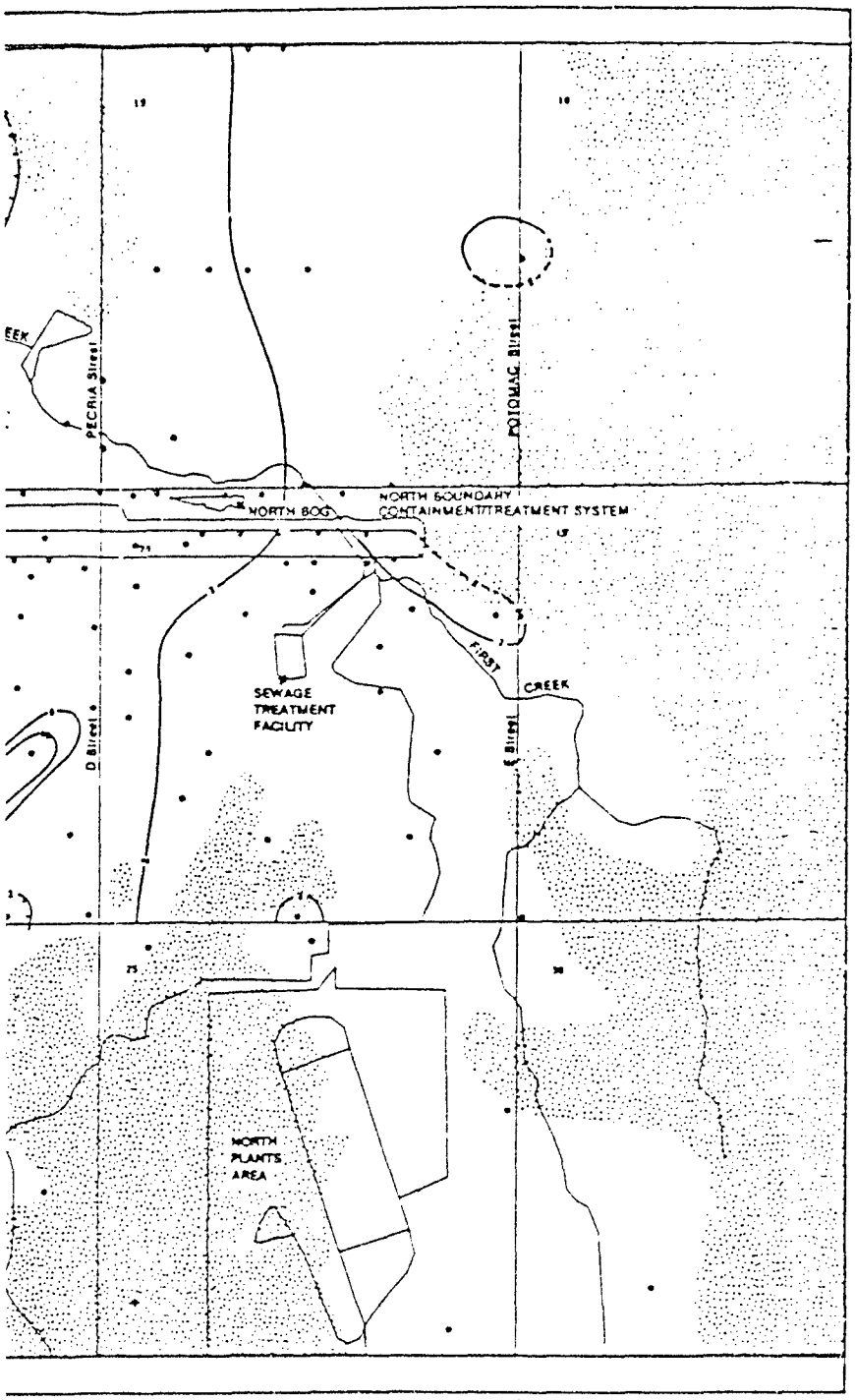


Figure B-81C
FLUORIDE CONCENTRATION DISTRIBUTION, mg/l,
3RD QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE:ESE,1988



EXPLANATION

CONCENTRATIONS IN (mg/l)

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

N

0 1000 2000

Scale In Feet

Prepared for:
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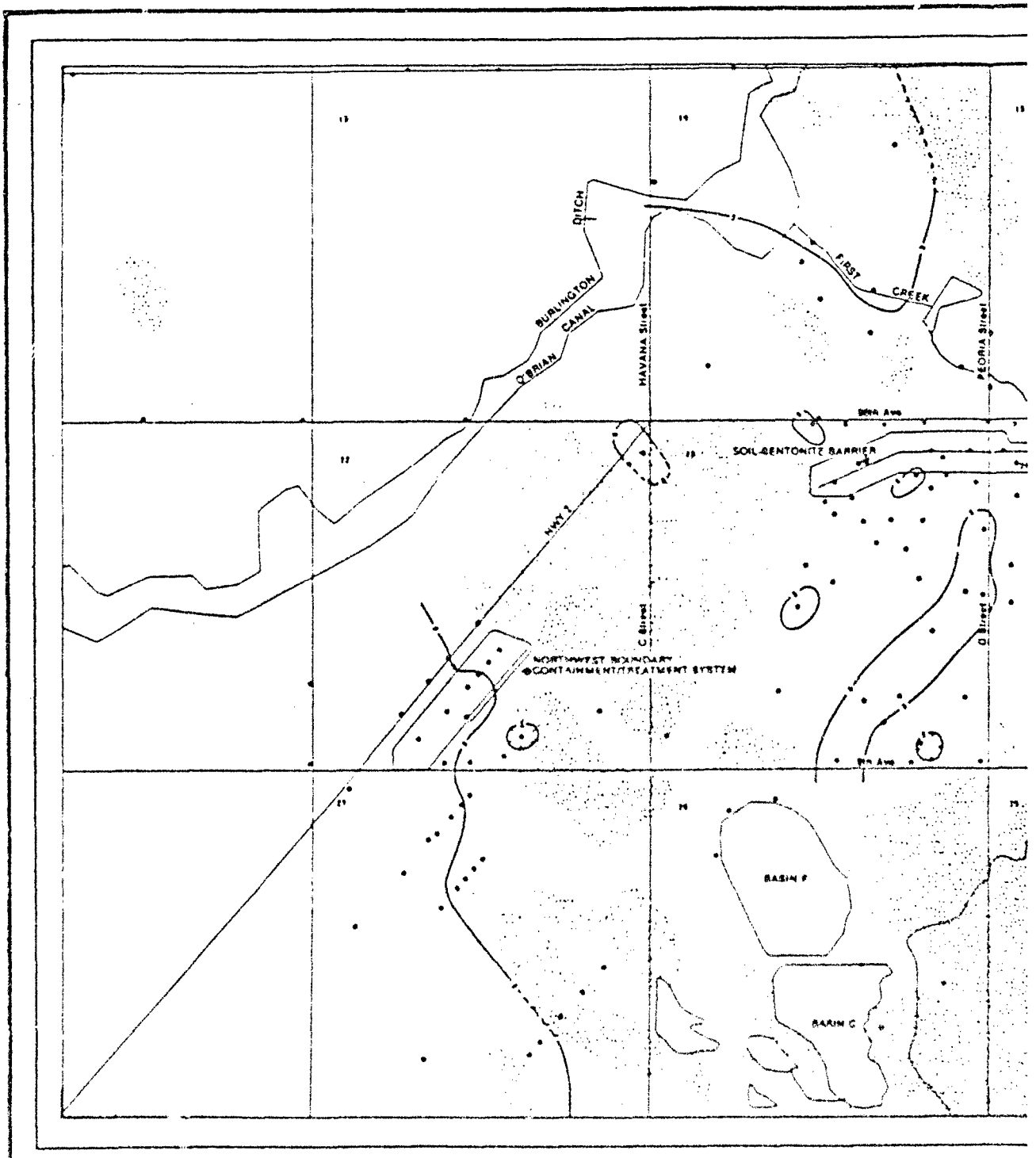


Figure B-81D
FLUORIDE CONCENTRATION DISTRIBUTION, mg/l,
4TH QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE ECE 1988

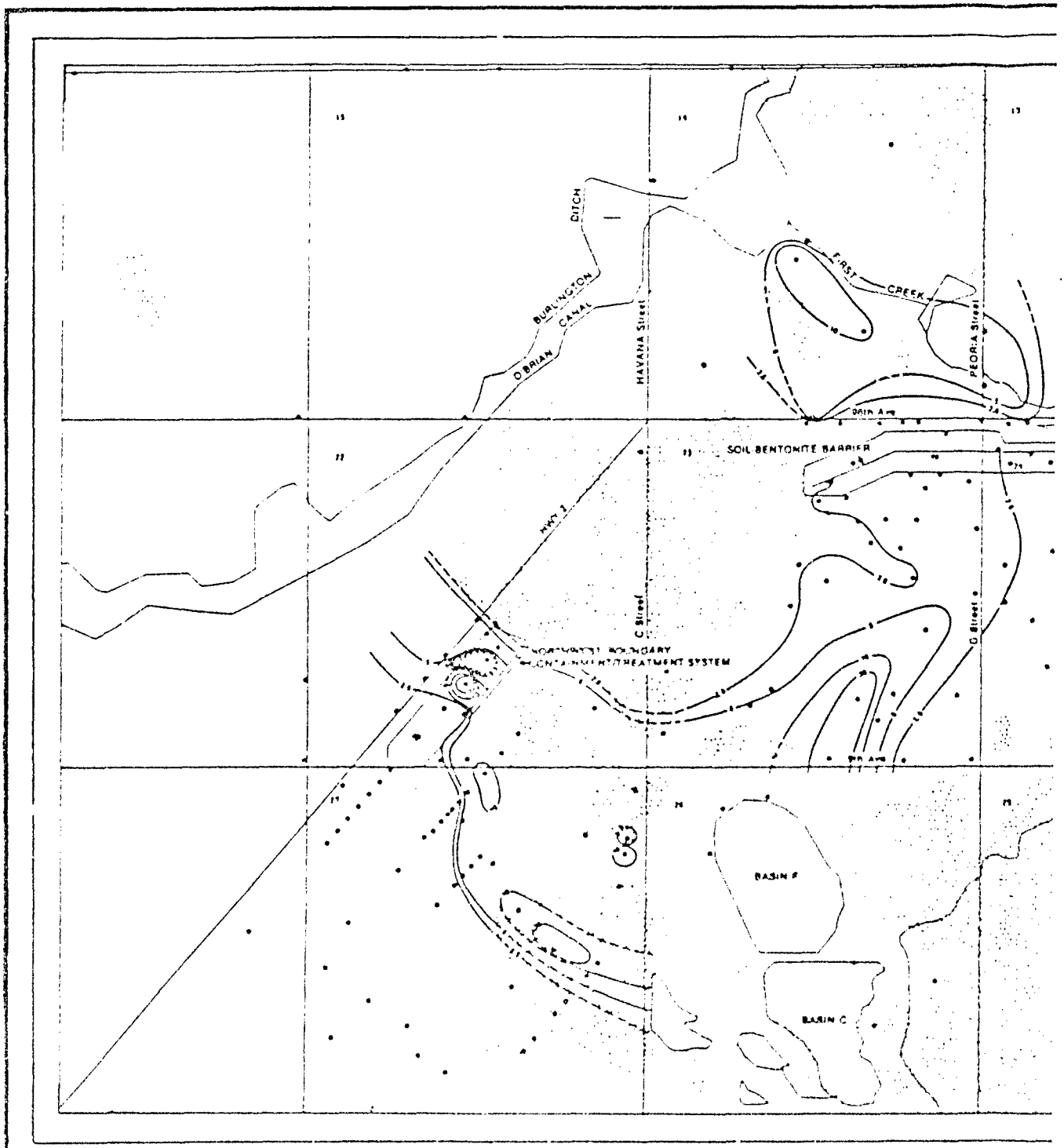
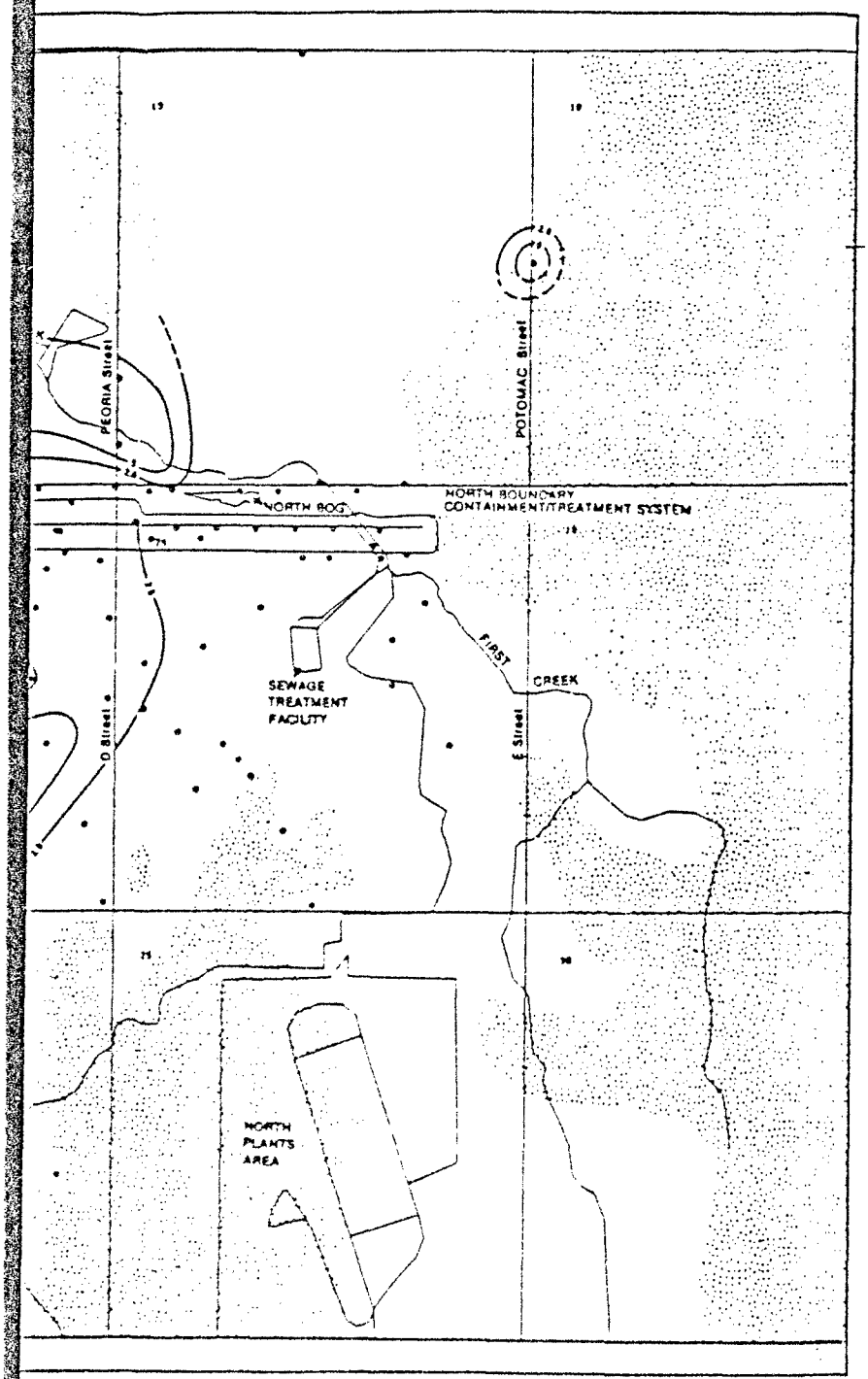


Figure B-82A
ARSENIC CONCENTRATION DISTRIBUTION, ug/l,
1ST QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE ESE 1987



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

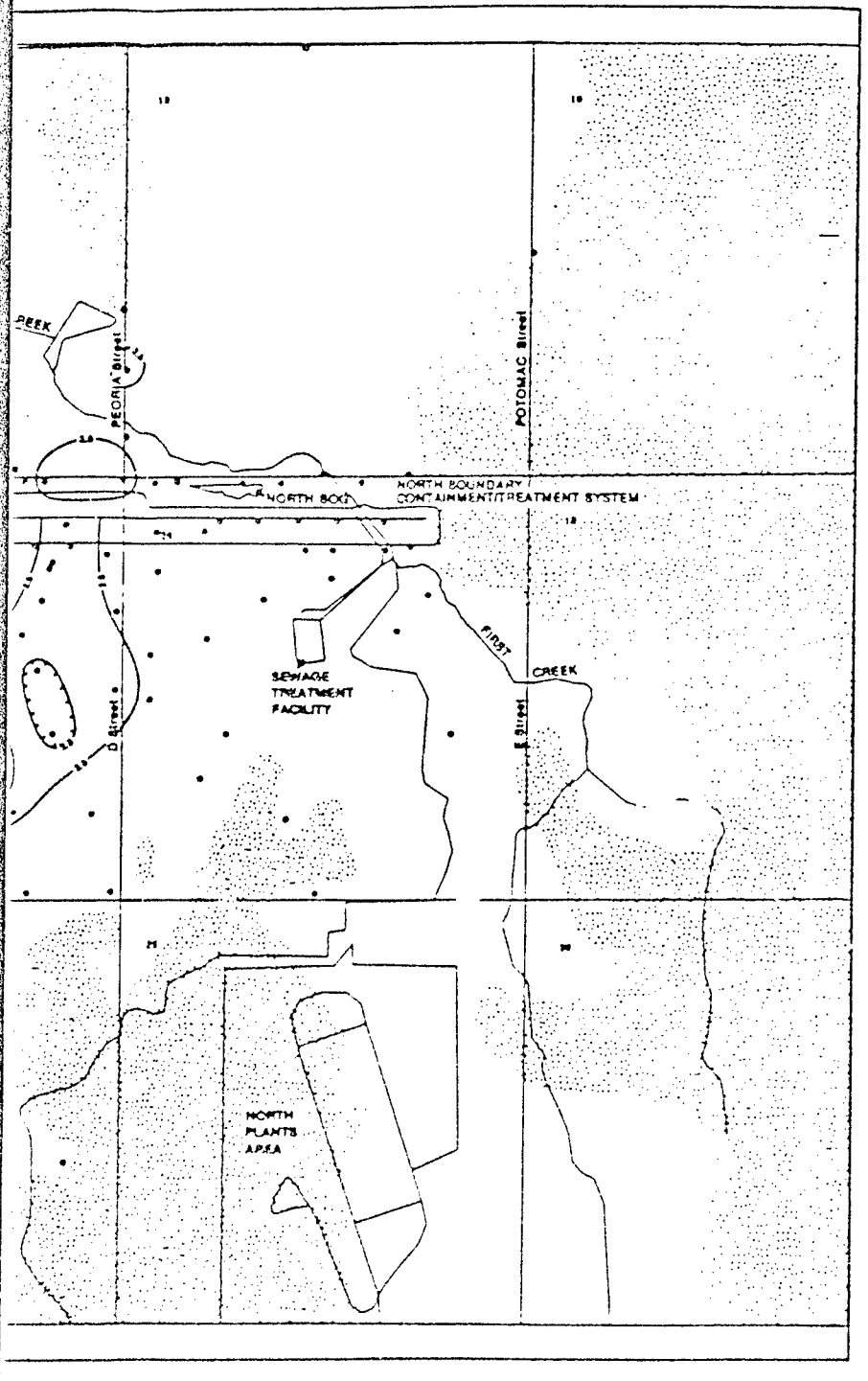
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Scale in Feet

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

N

0 1000 2000

Scale In Feet

Prepared for:
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Aberdeen Proving Ground, Maryland

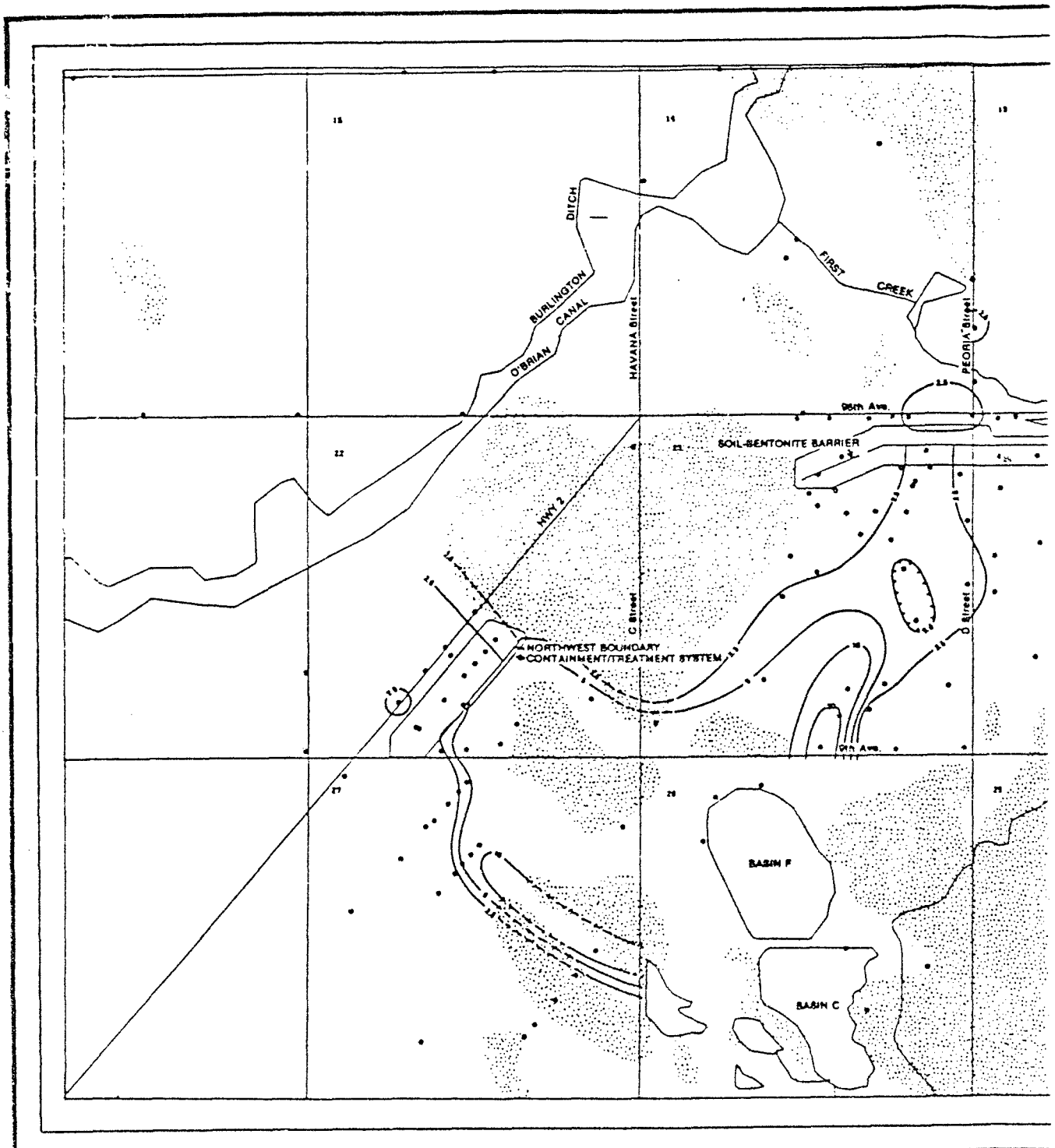
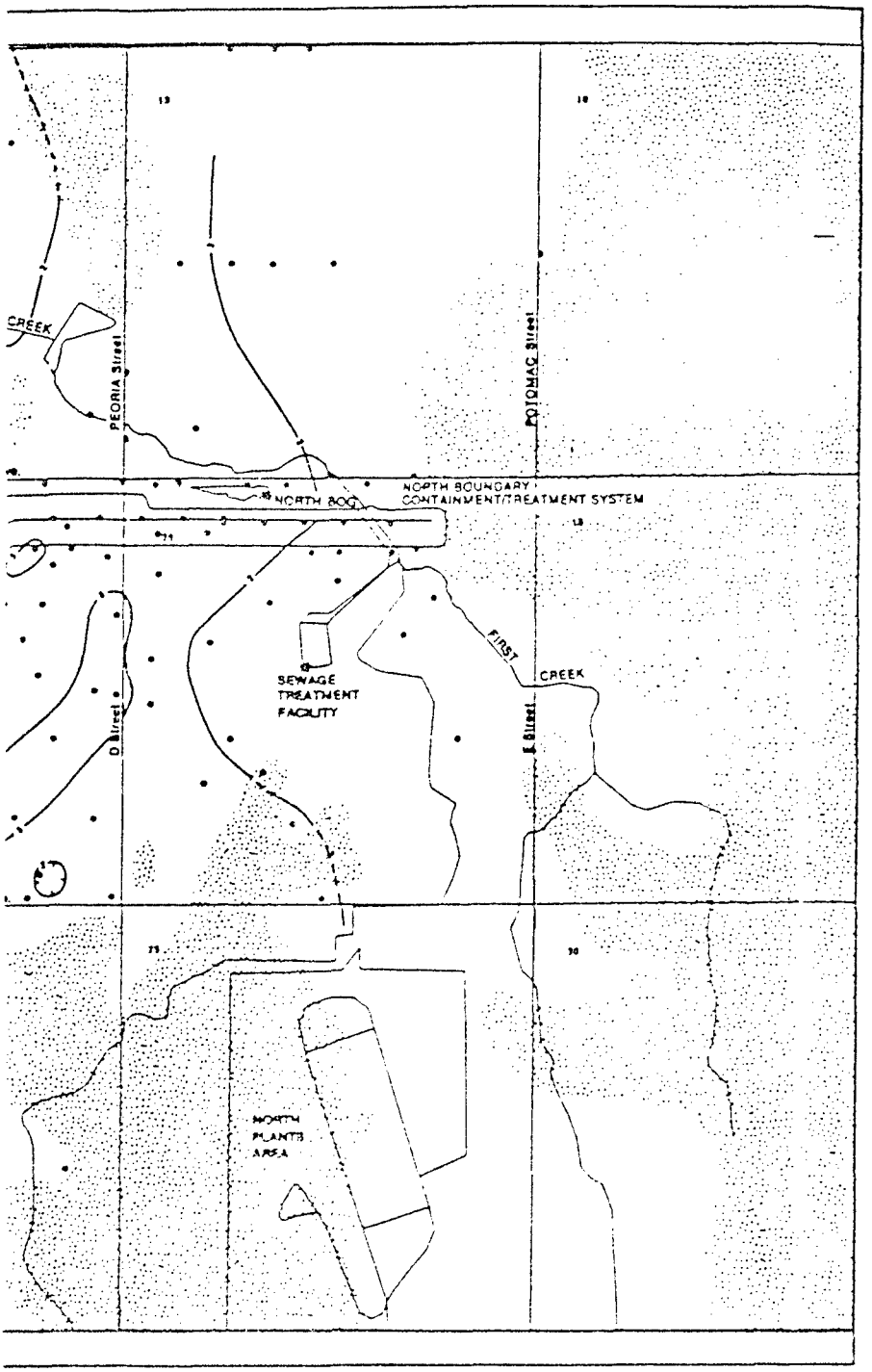


Figure B-82 B
ARSENIC CONCENTRATION DISTRIBUTION, ug/l,
2ND QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE ESE, 1988

(2)



EXPLANATION

CONCENTRATIONS IN (mg/l)

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

N

0 1000 2000

Scale In Feet

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

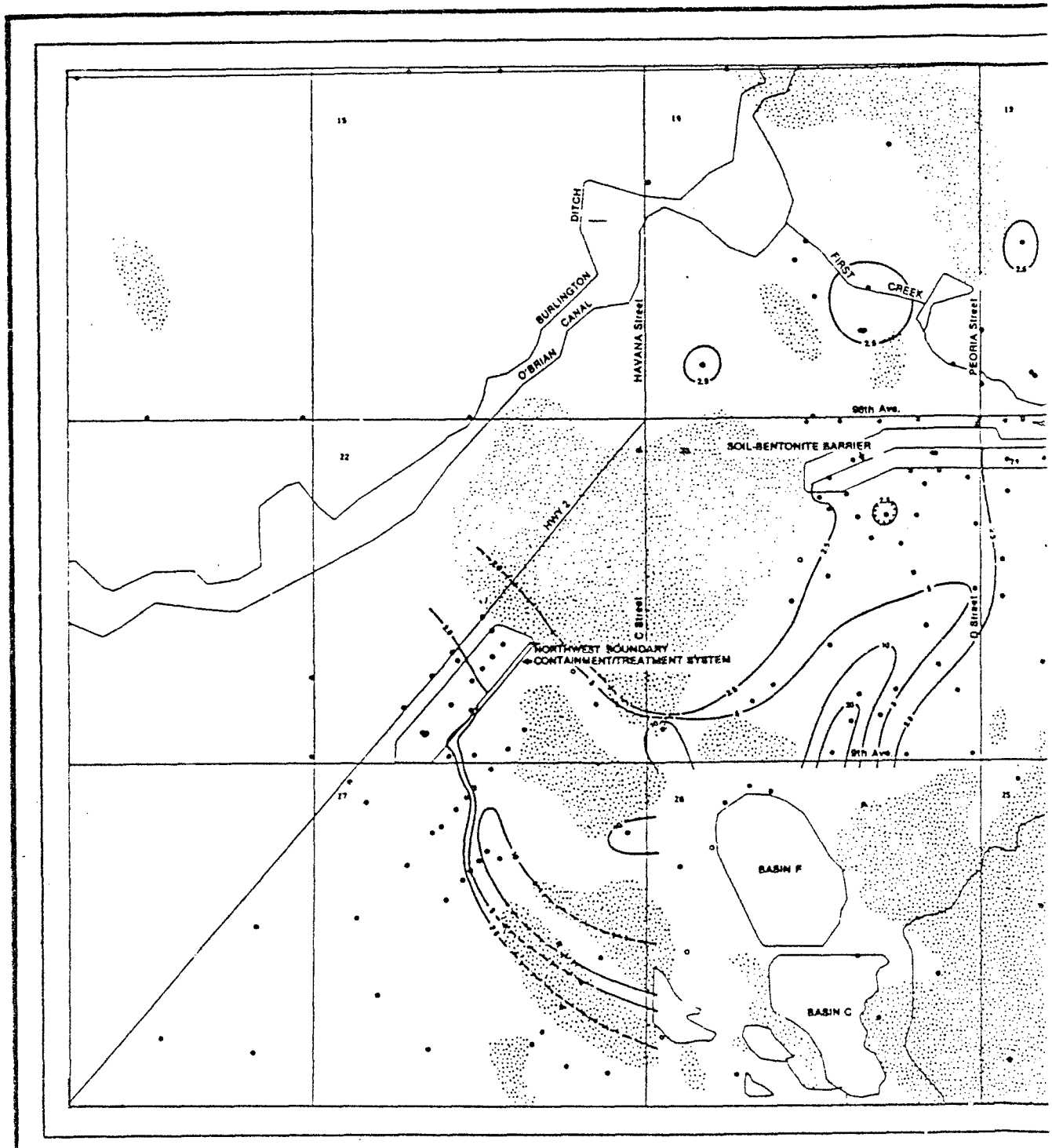
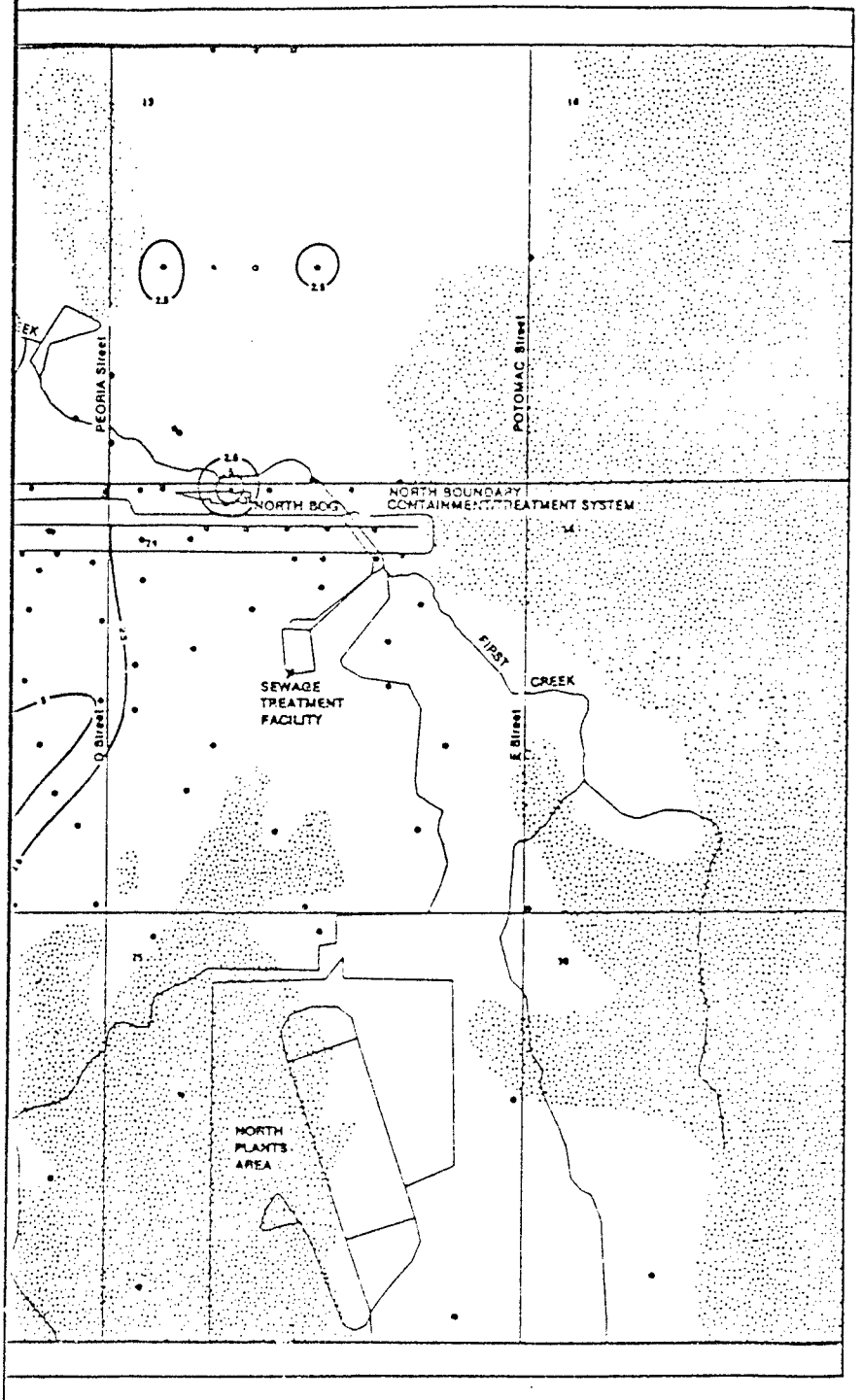


Figure B-82 C
ARSENIC CONCENTRATION DISTRIBUTION, ug/l,
3RD QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE:ESE,1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

N

0 1000 2000

Scale In Feet

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

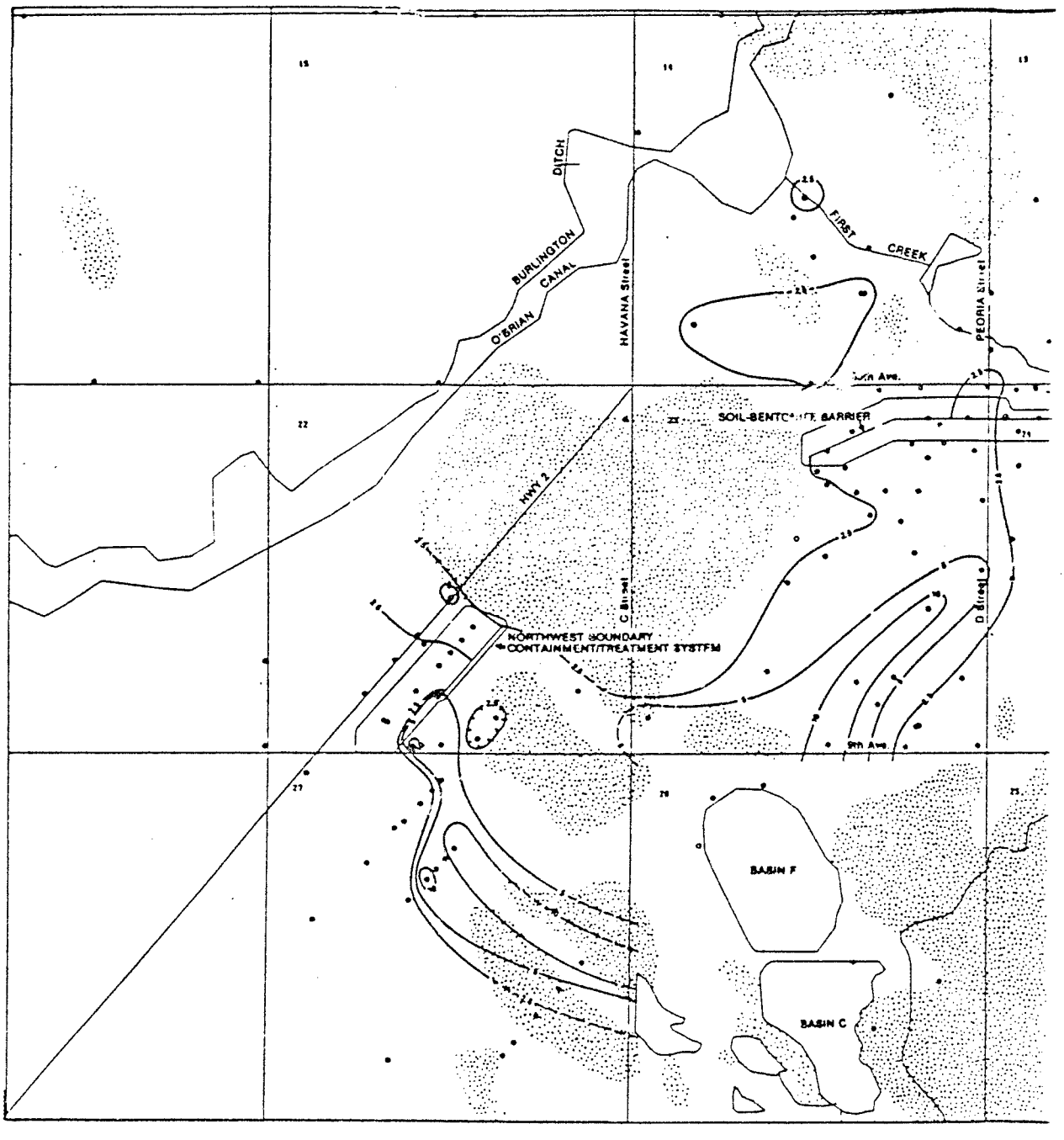
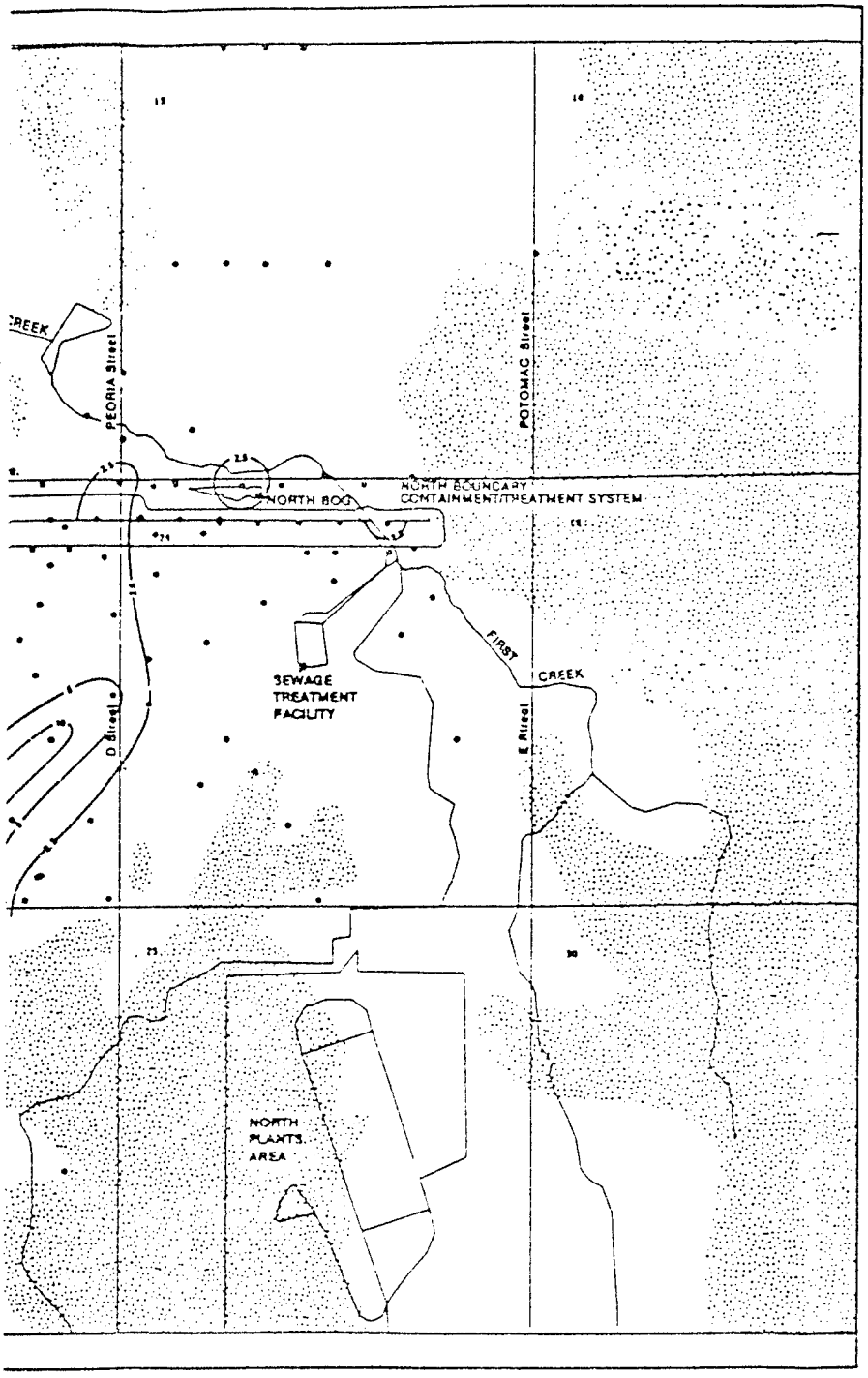


Figure B-82 D
ARSENIC CONCENTRATION DISTRIBUTION, ug/l,
4TH QUARTER, FY87, ALLUVIAL AQUIFER

SOURCE:ESE,1988



EXPLANATION

CONCENTRATIONS IN ug/l

ISOCONCENTRATION LINE

ISOCONCENTRATION LINE INFERRED

NETWORK MONITORING WELL-SAMPLE NOT ANALYZED

MONITORING WELL SAMPLED THIS QUARTER

UNSATURATED ALLUVIUM

N

0 1000 2000

Scale in Feet

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

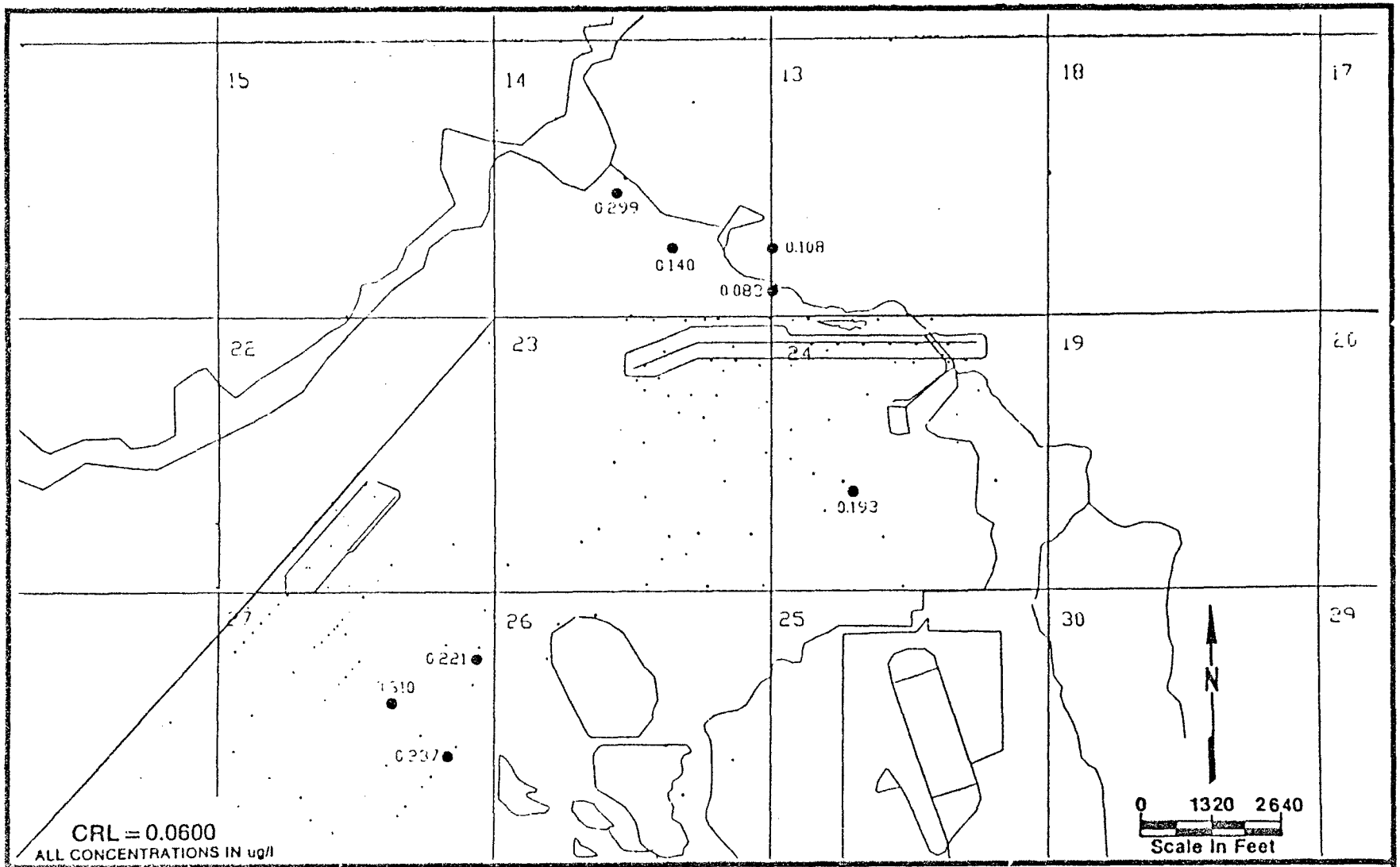


Figure B-83A
FIRST QUARTER, FY87
ALDRIN DETECTIONS
ALLUVIAL AQUIFER

SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

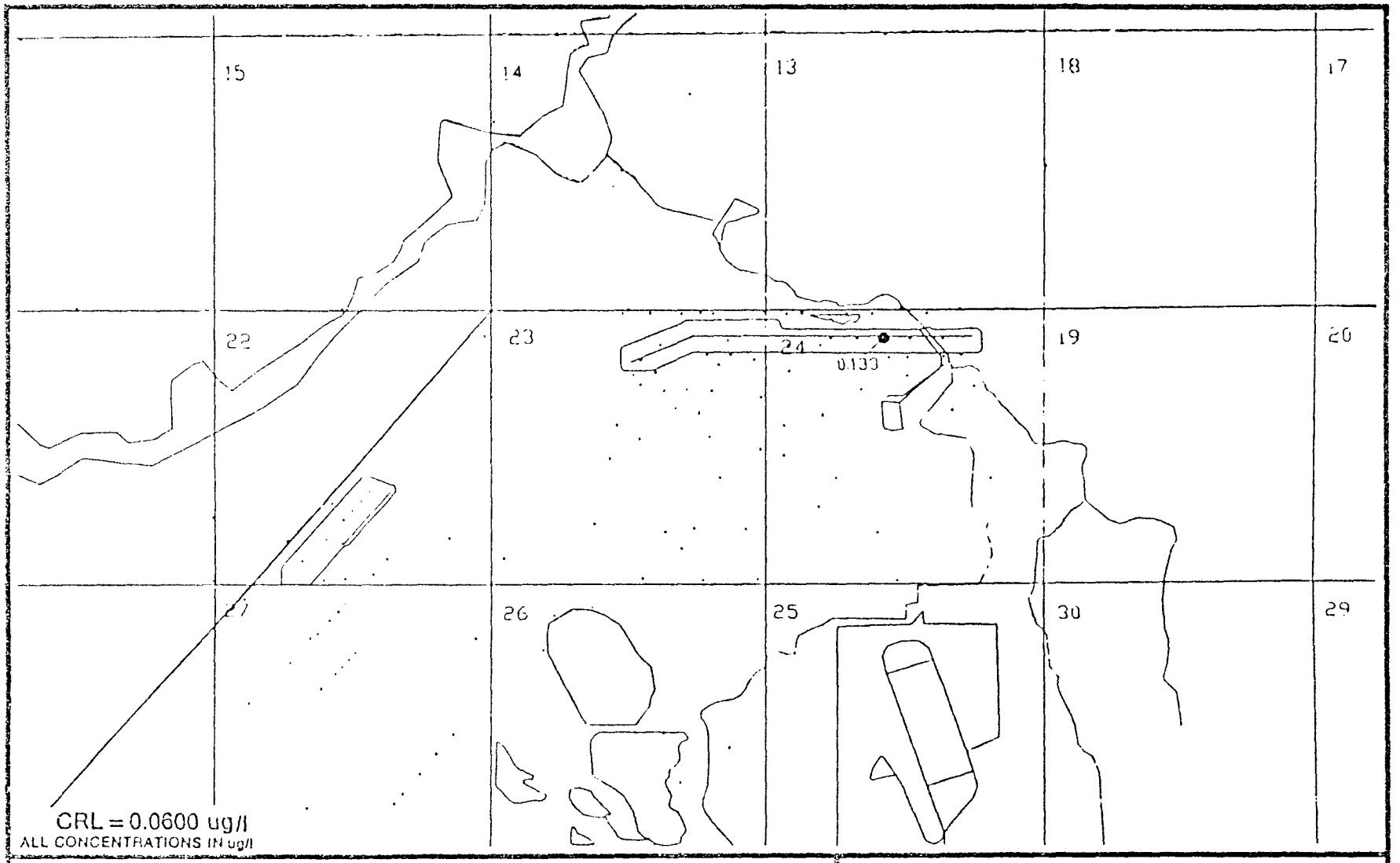


Figure B-83B
SECOND QUARTER, FY87
ALDRIN DETECTIONS
ALLUVIAL AQUIFER
SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

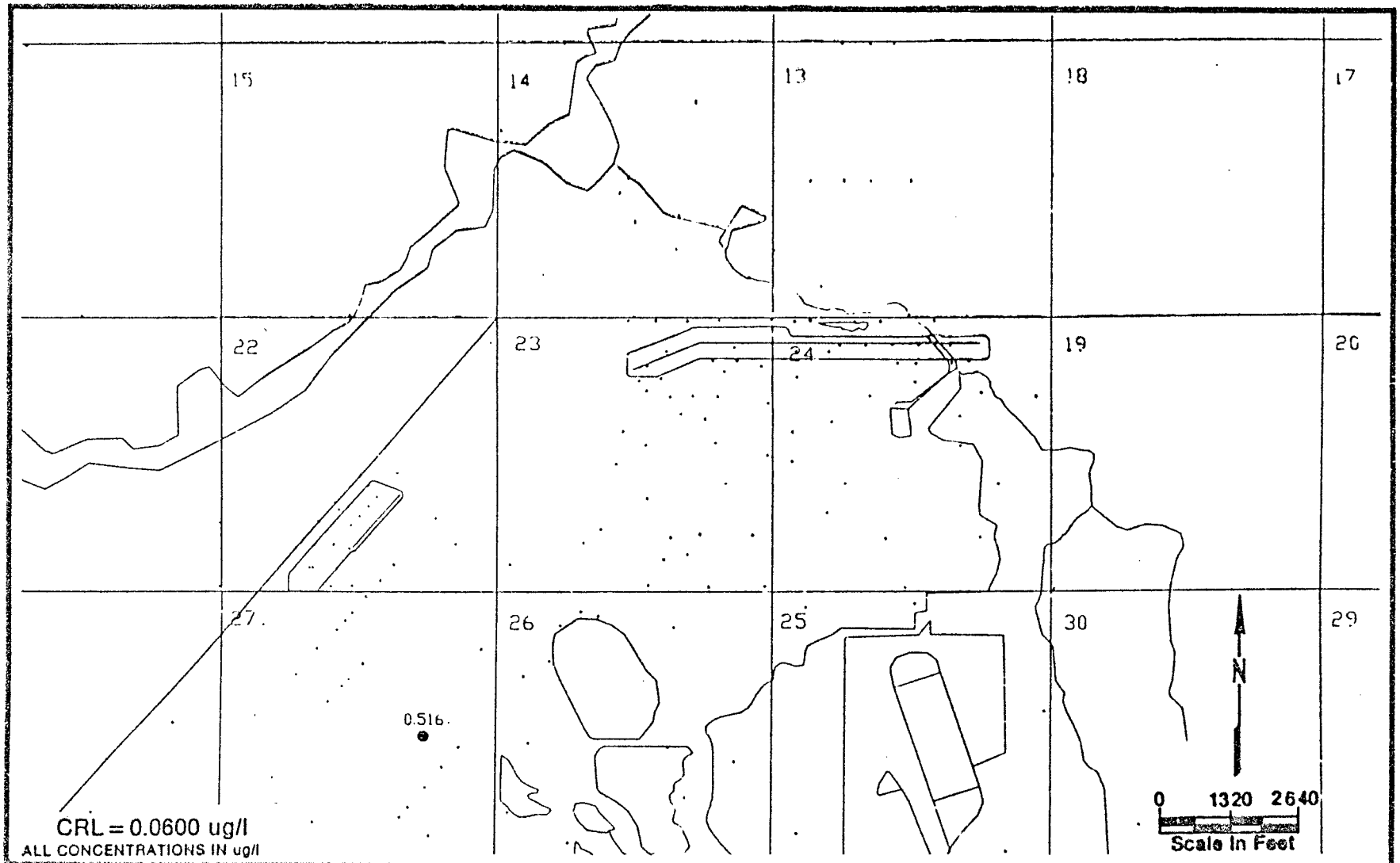


Figure B-83C
THIRD QUARTER, FY87
ALDRIN DETECTIONS
ALLUVIAL AQUIFER
SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

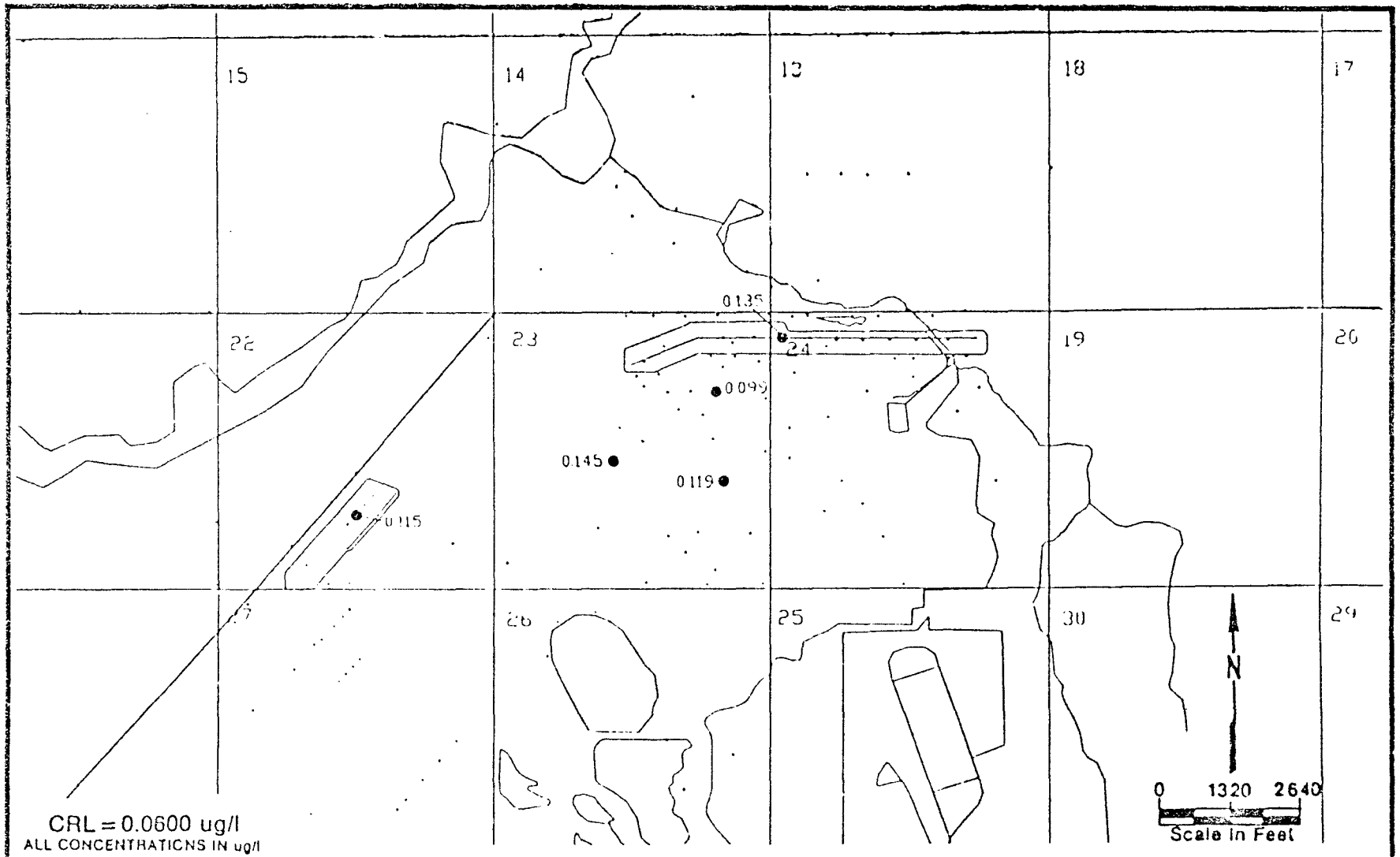


Figure B-83D
FOURTH QUARTER, FY87
ALDRIN DETECTIONS
ALLUVIAL AQUIFER
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

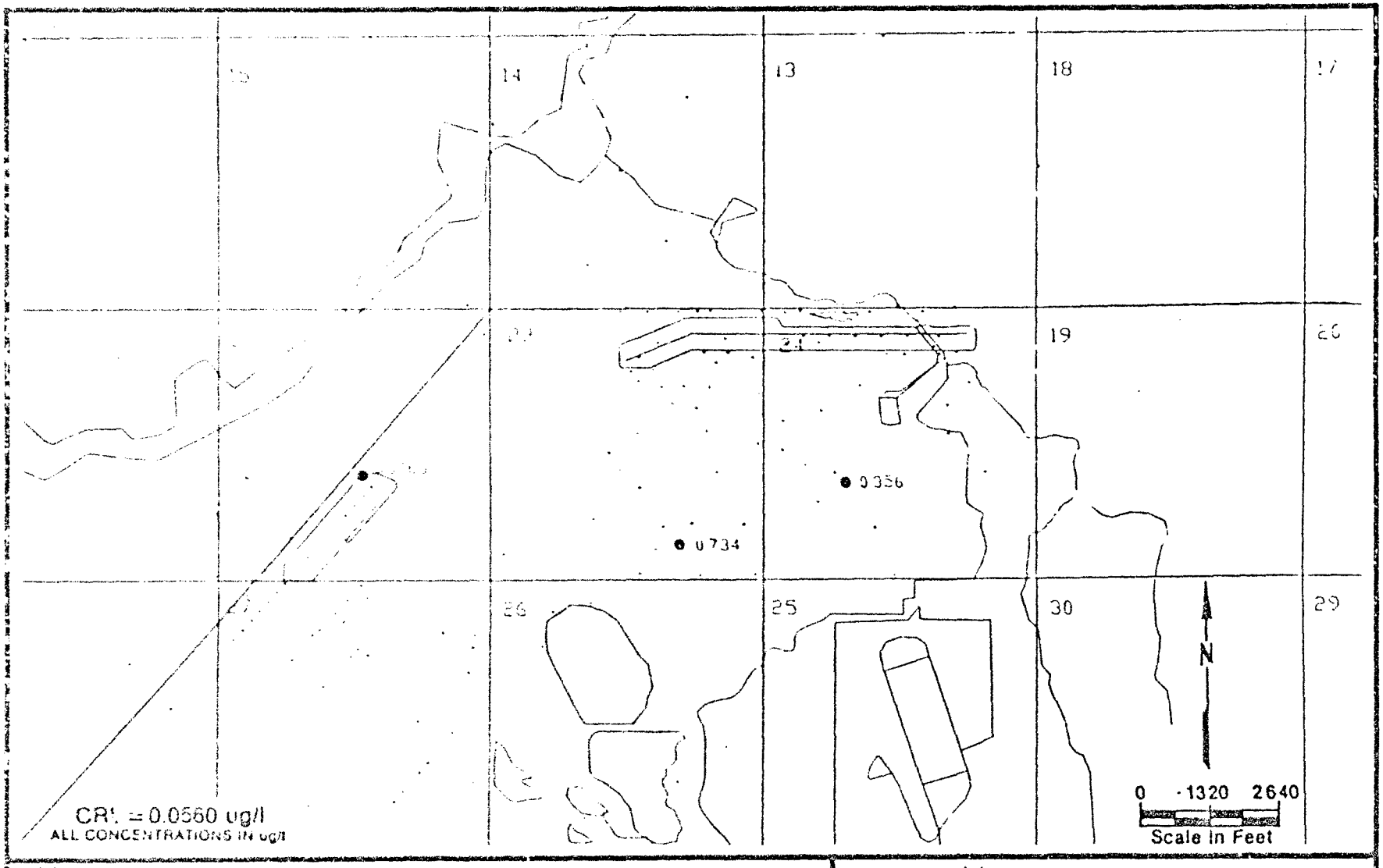


Figure B-84A
FIRST QUARTER, FY87
ISODRIN DETECTIONS
ALLUVIAL AQUIFER

SOURCE ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

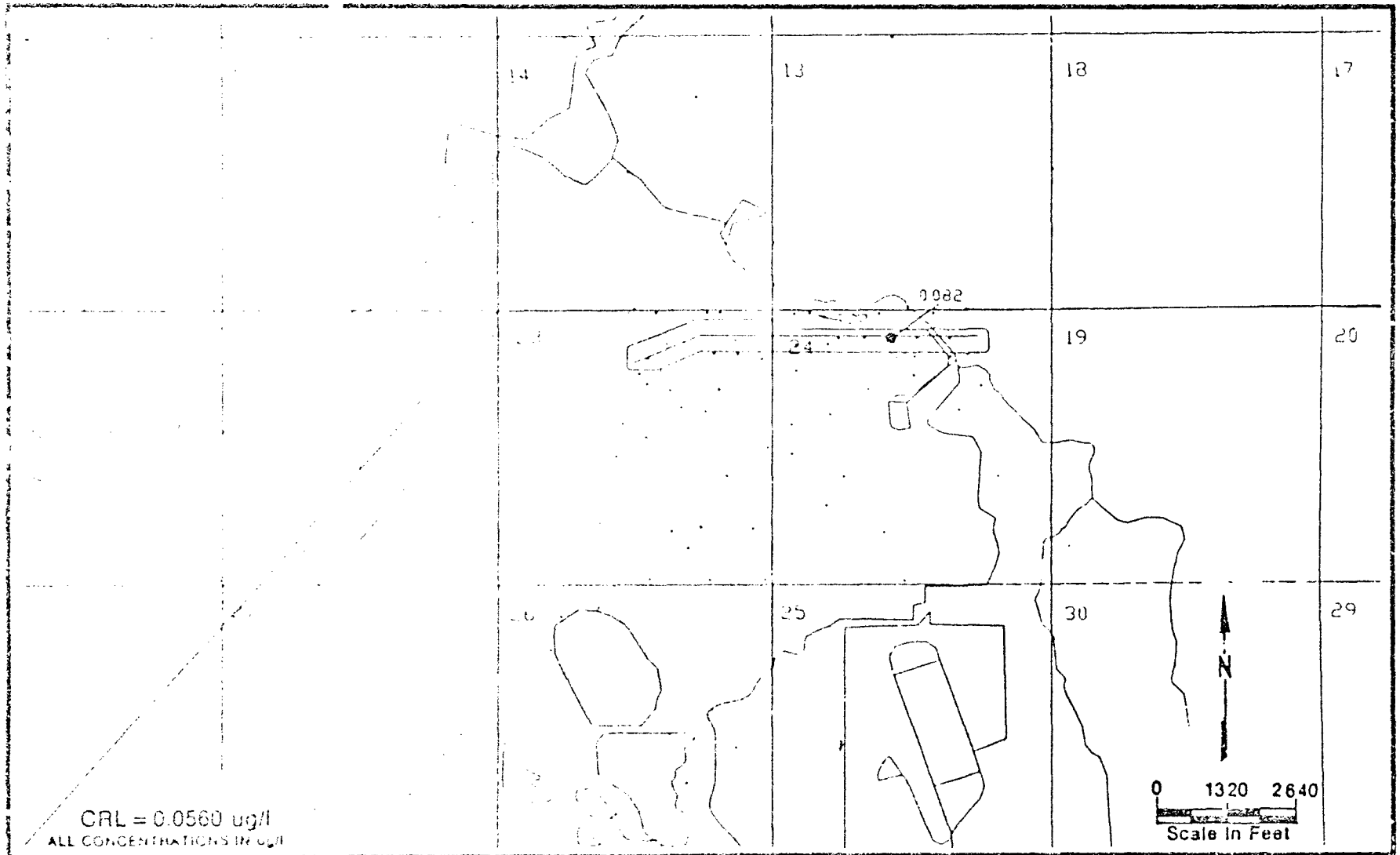


Figure B-84B
SECOND QUARTER, FY87
ISODRIN DETECTIONS
ALLUVIAL AQUIFER
SOURCE EQE Data

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

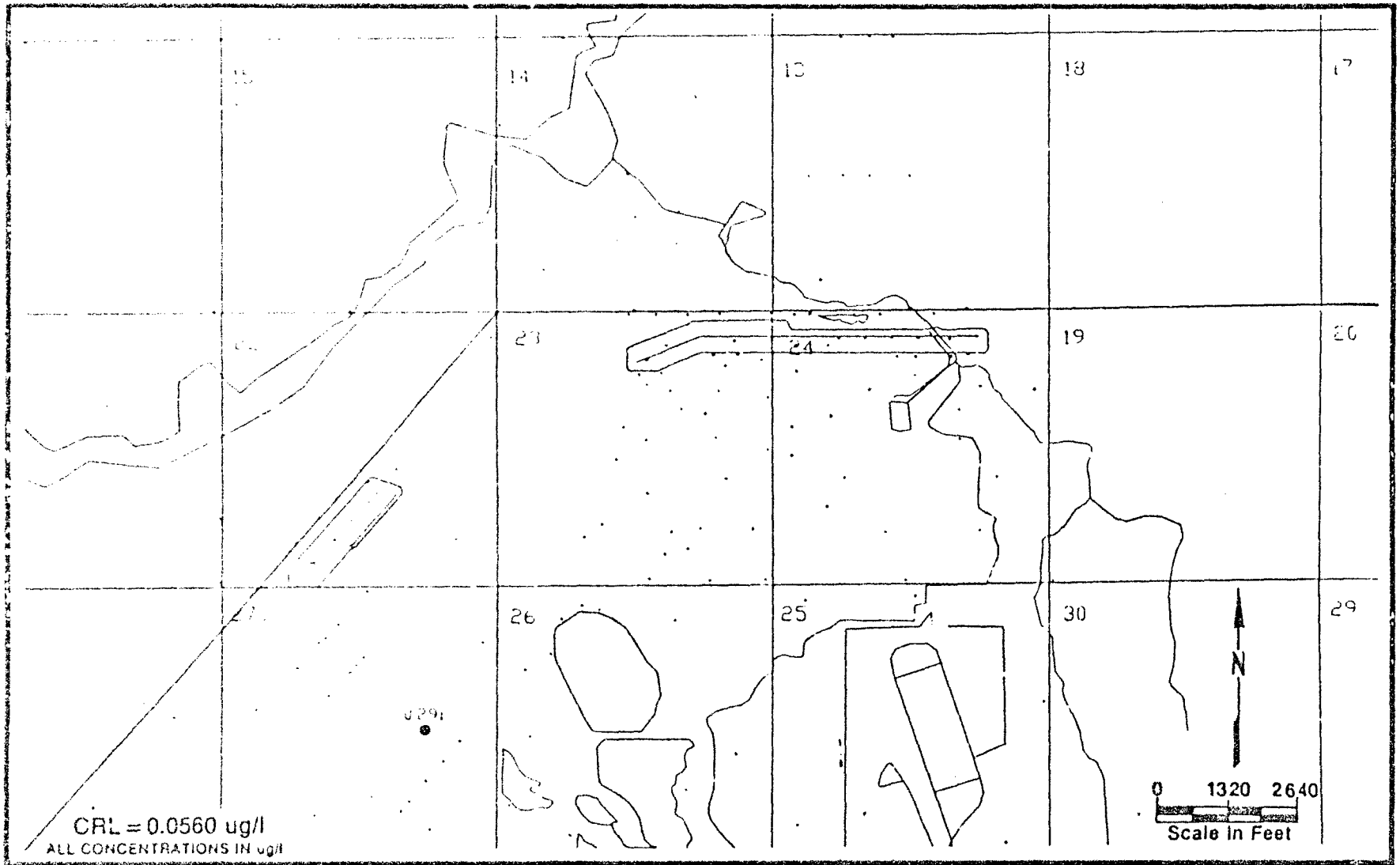


Figure B-84C
THIRD QUARTER, FY87
ISODRIN DETECTIONS
ALLUVIAL AQUIFER
SOURCE ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

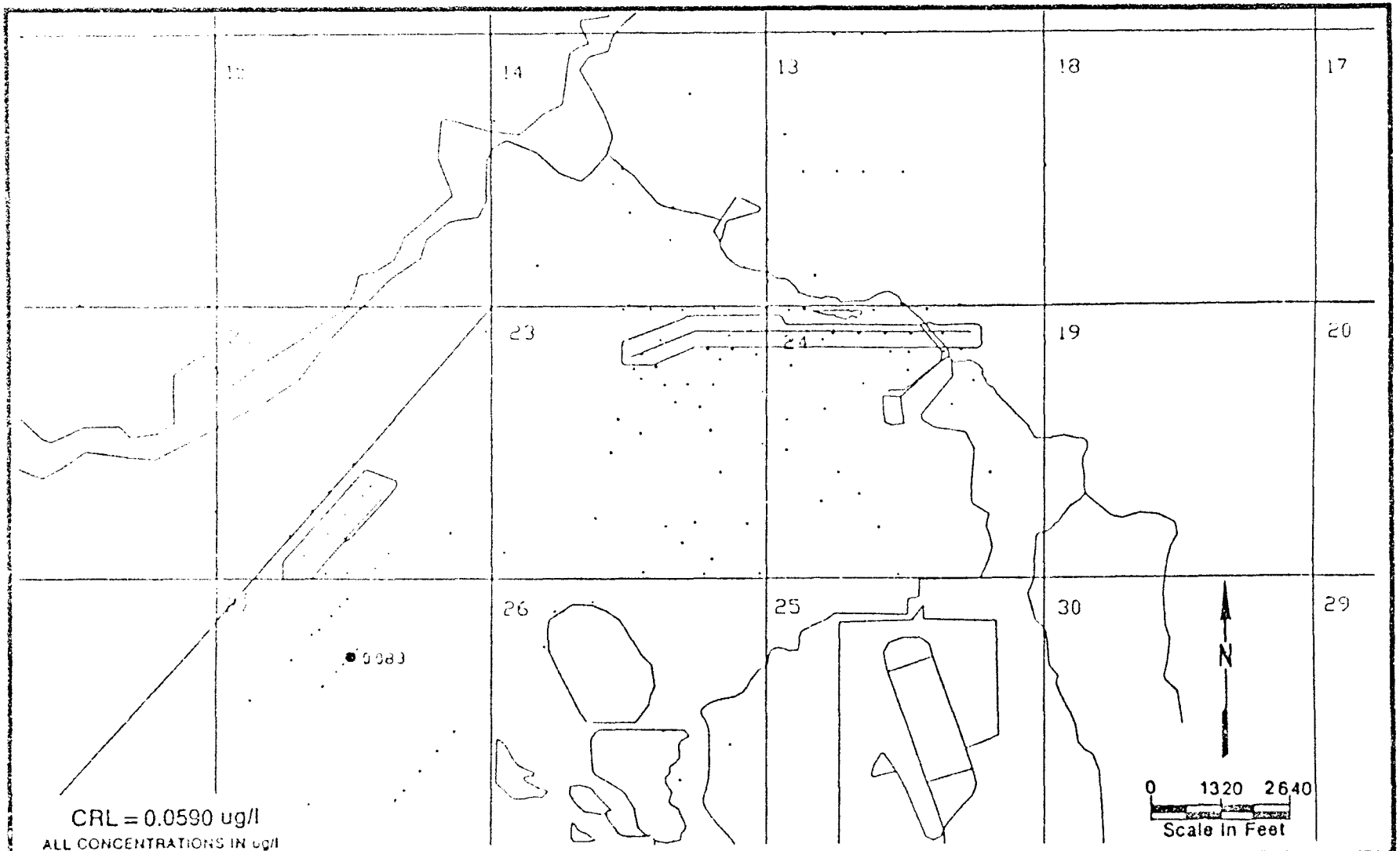


Figure B-84D
FOURTH QUARTER, FY87
ISODRIN DETECTIONS
ALLUVIAL AQUIFER
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

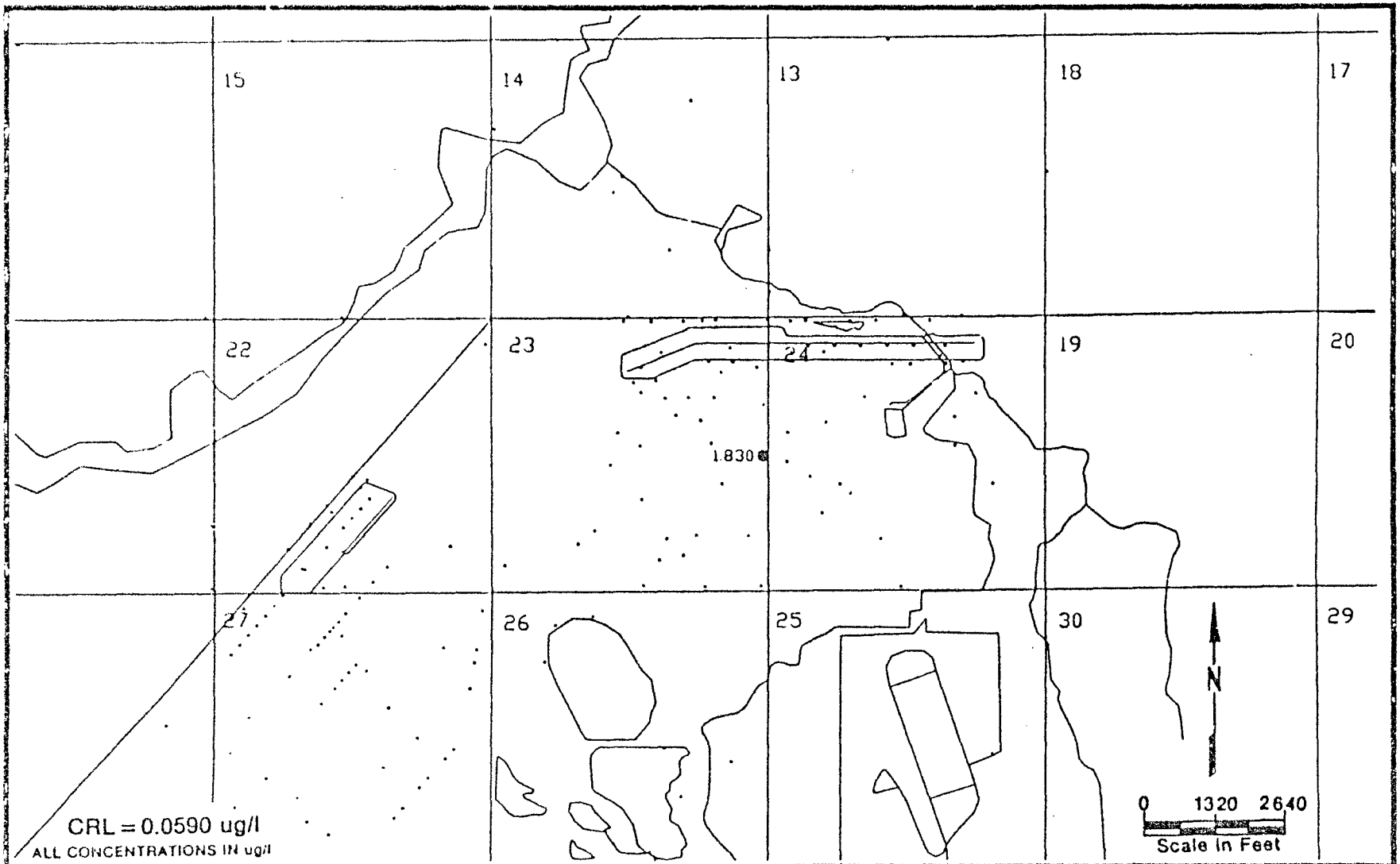


Figure B-85A
FIRST QUARTER, FY87
DDT DETECTIONS
ALLUVIAL AQUIFER
SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

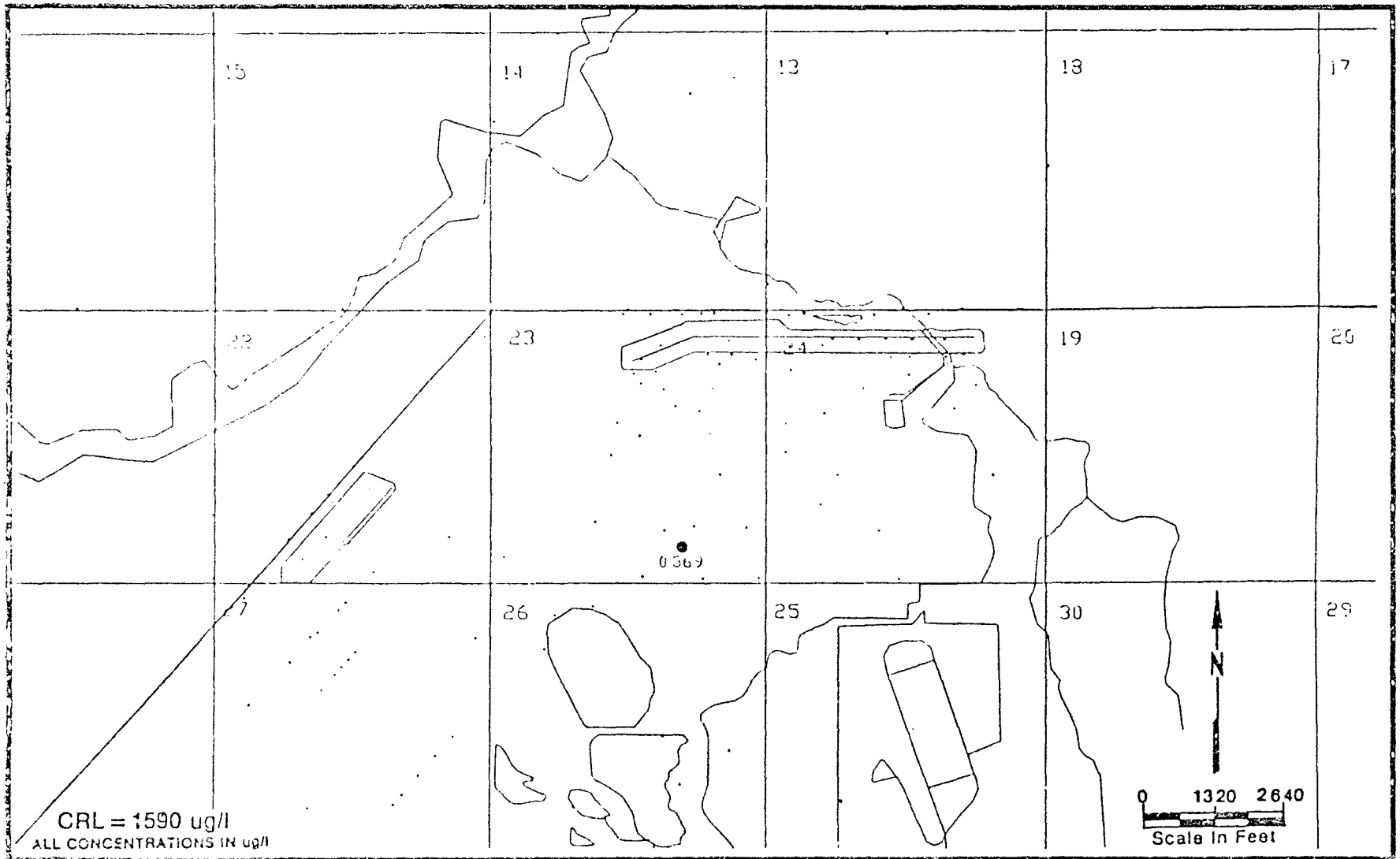


Figure 8-85B
SECOND QUARTER, FY87
DDT DETECTIONS
ALLUVIAL AQUIFER

SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

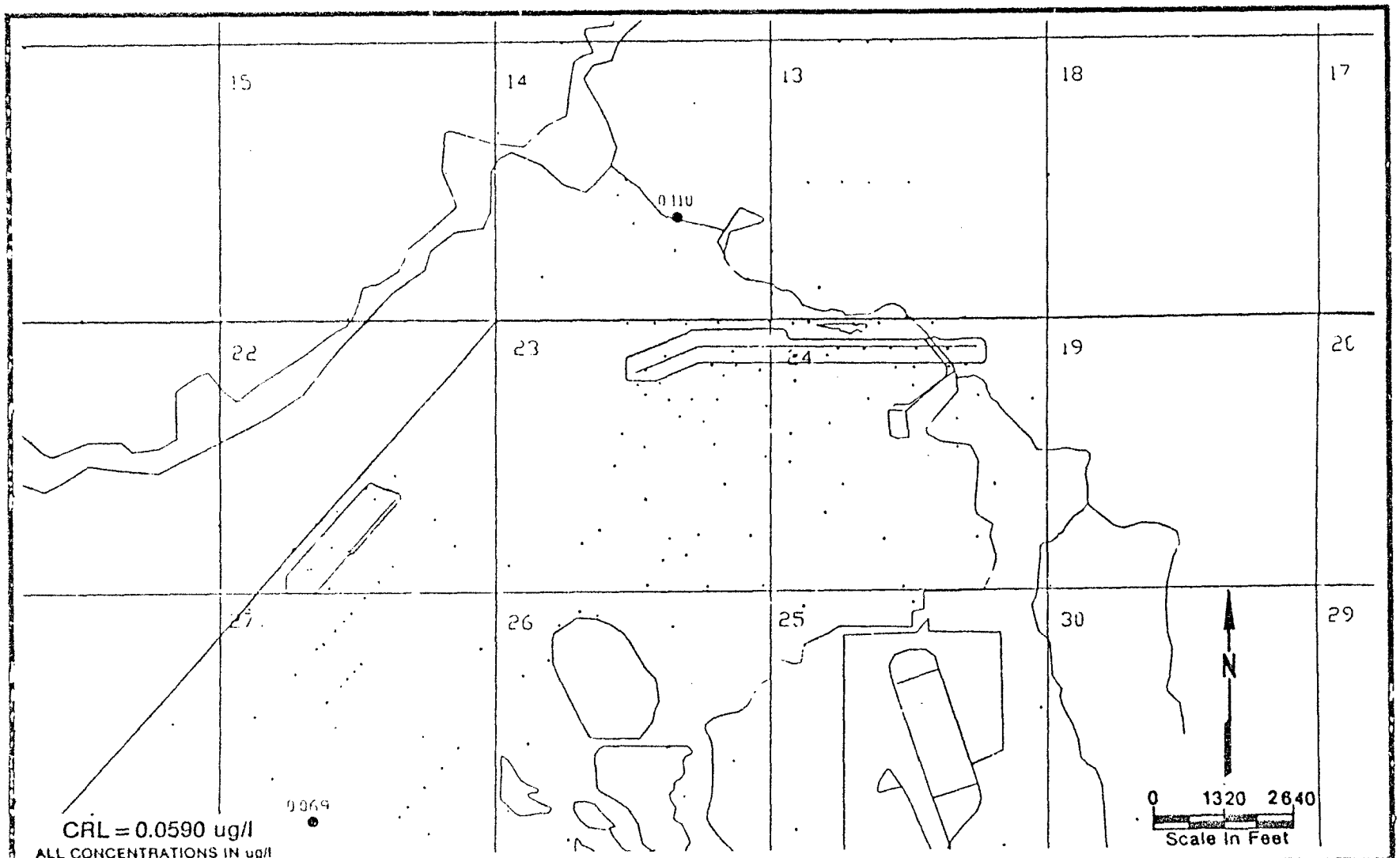


Figure B-85C
THIRD QUARTER, FY87
DDT DETECTION
ALLUVIAL AQUIFER
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

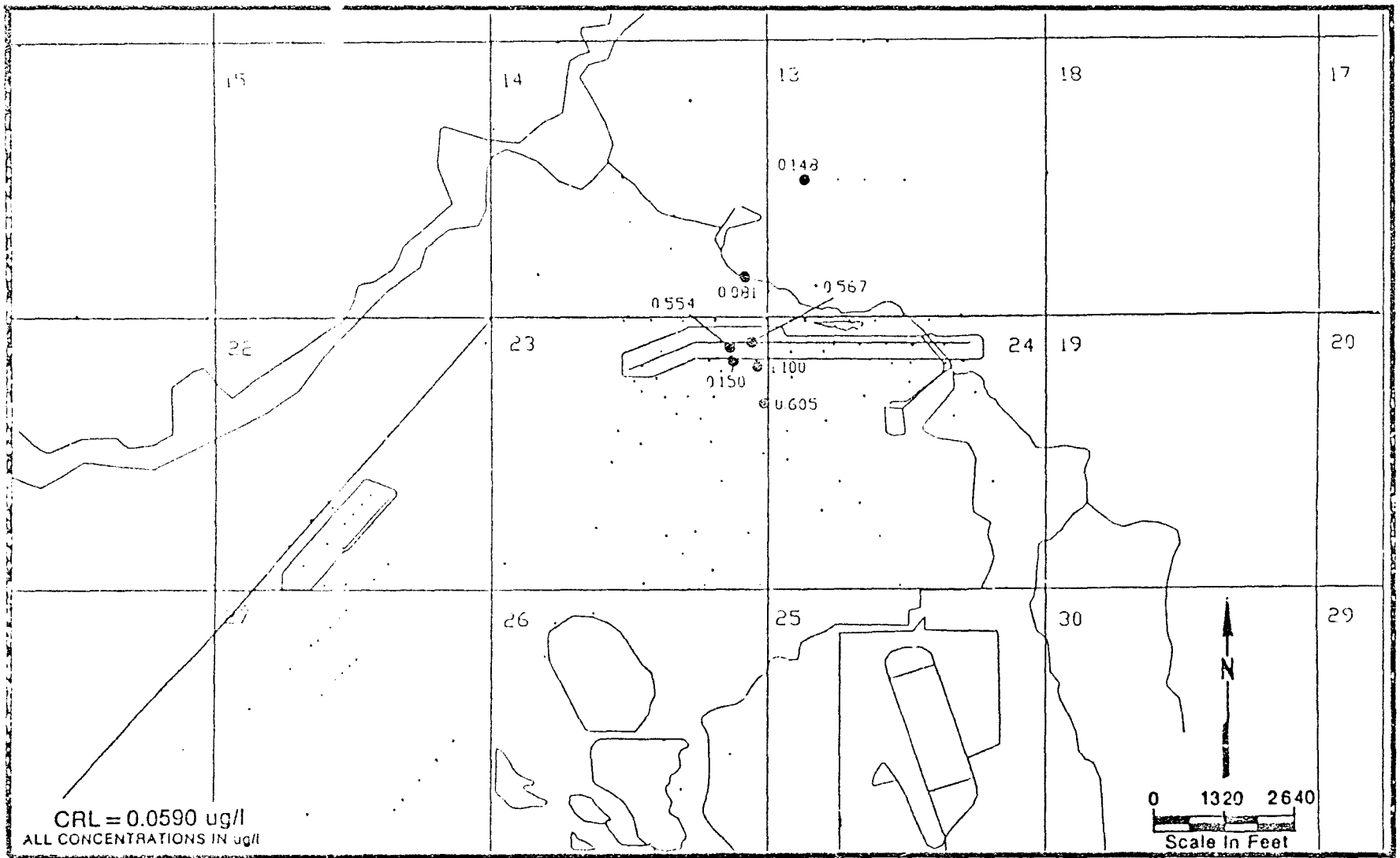


Figure B-85D
FOURTH QUARTER, FY87
DDT DETECTION,
ALLUVIAL AQUIFER
SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

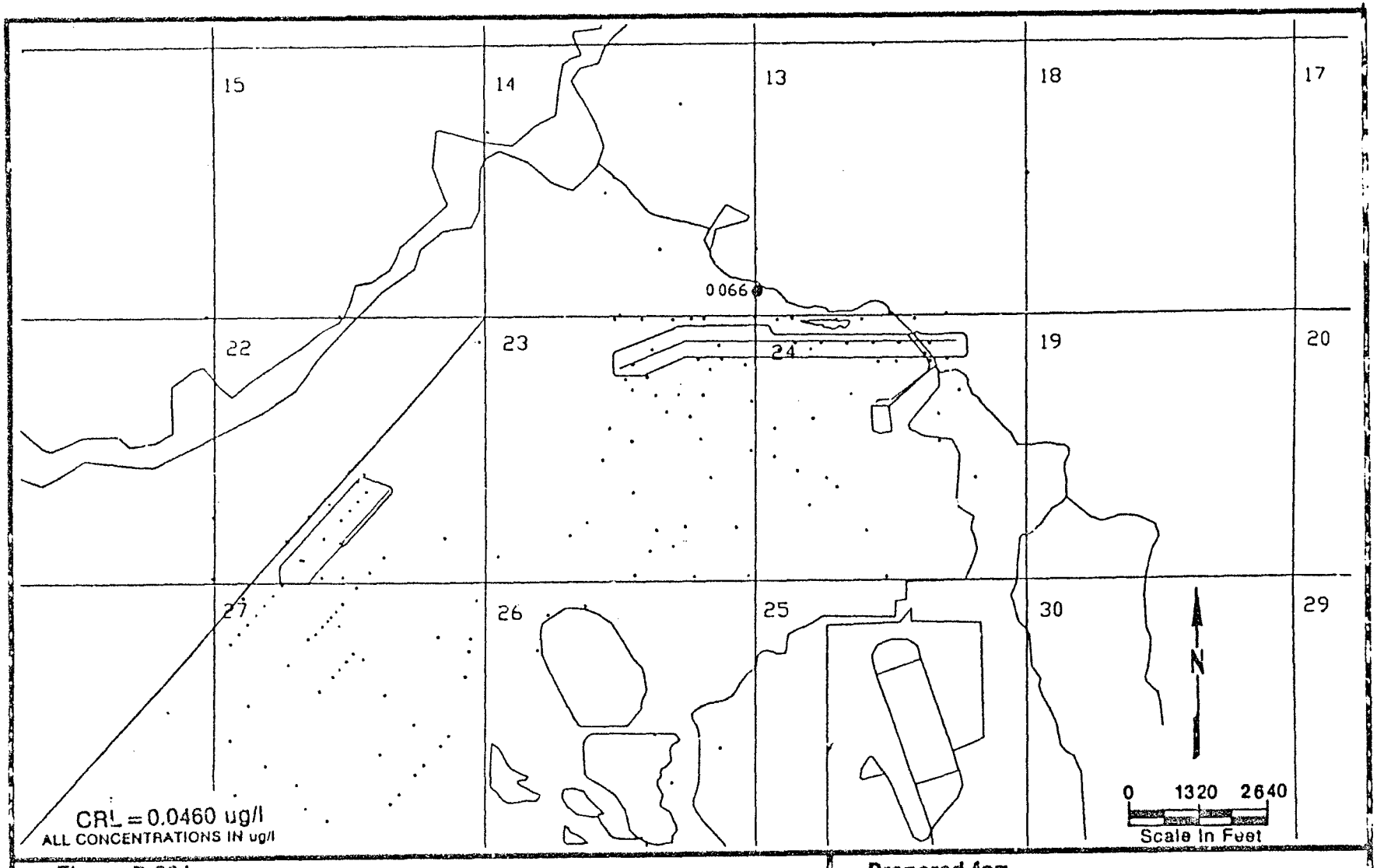


Figure B-86A
FIRST QUARTER, FY87
DDE DETECTIONS
ALLUVIAL AQUIFER
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

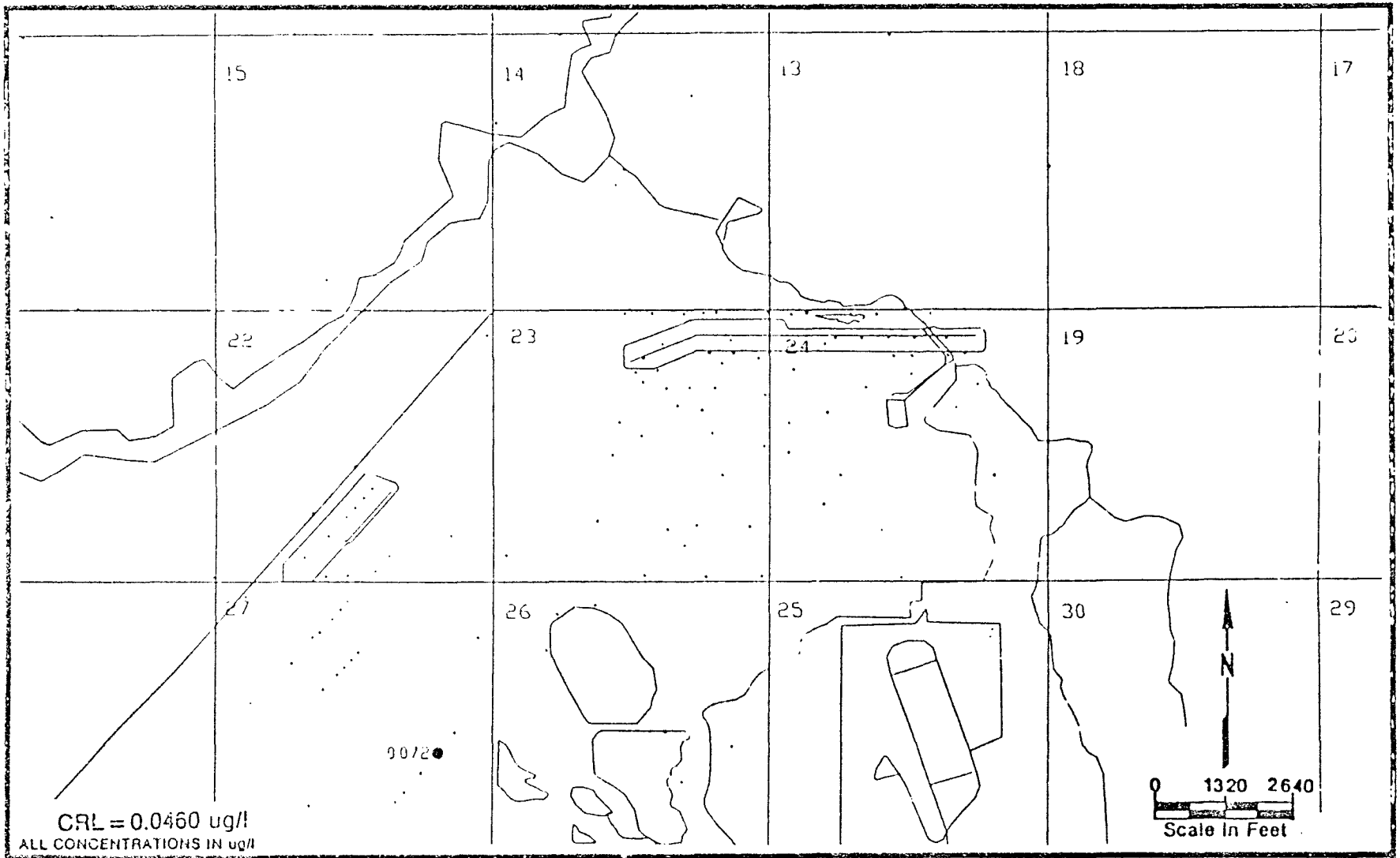


Figure B-86B
SECOND QUARTER, FY87
DDE DETECTIONS
ALLUVIAL AQUIFER
SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

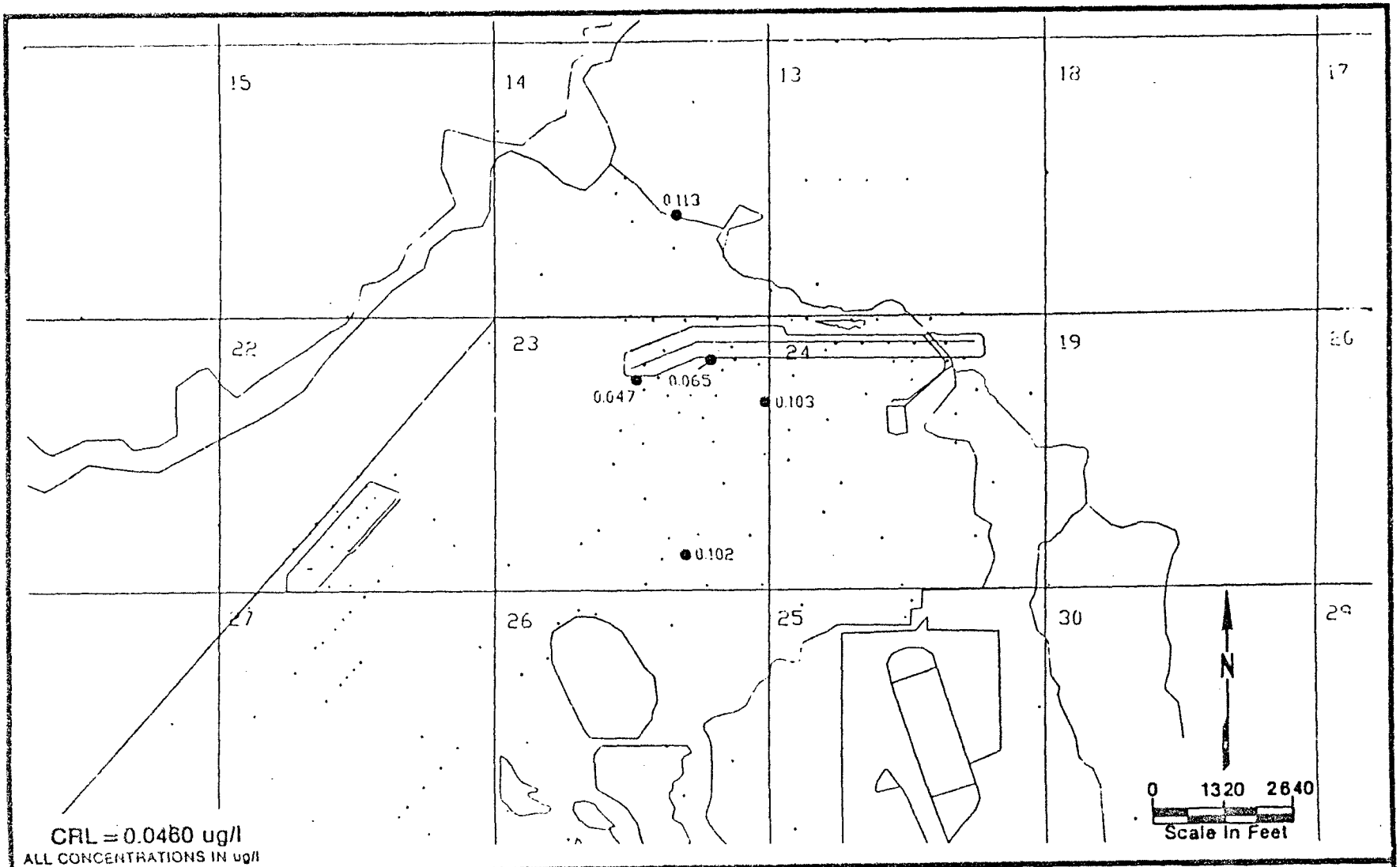


Figure B-86C
THIRD QUARTER FY87
DDE DETECTIONS,
ALLUVIAL AQUIFER
SOURCE:ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

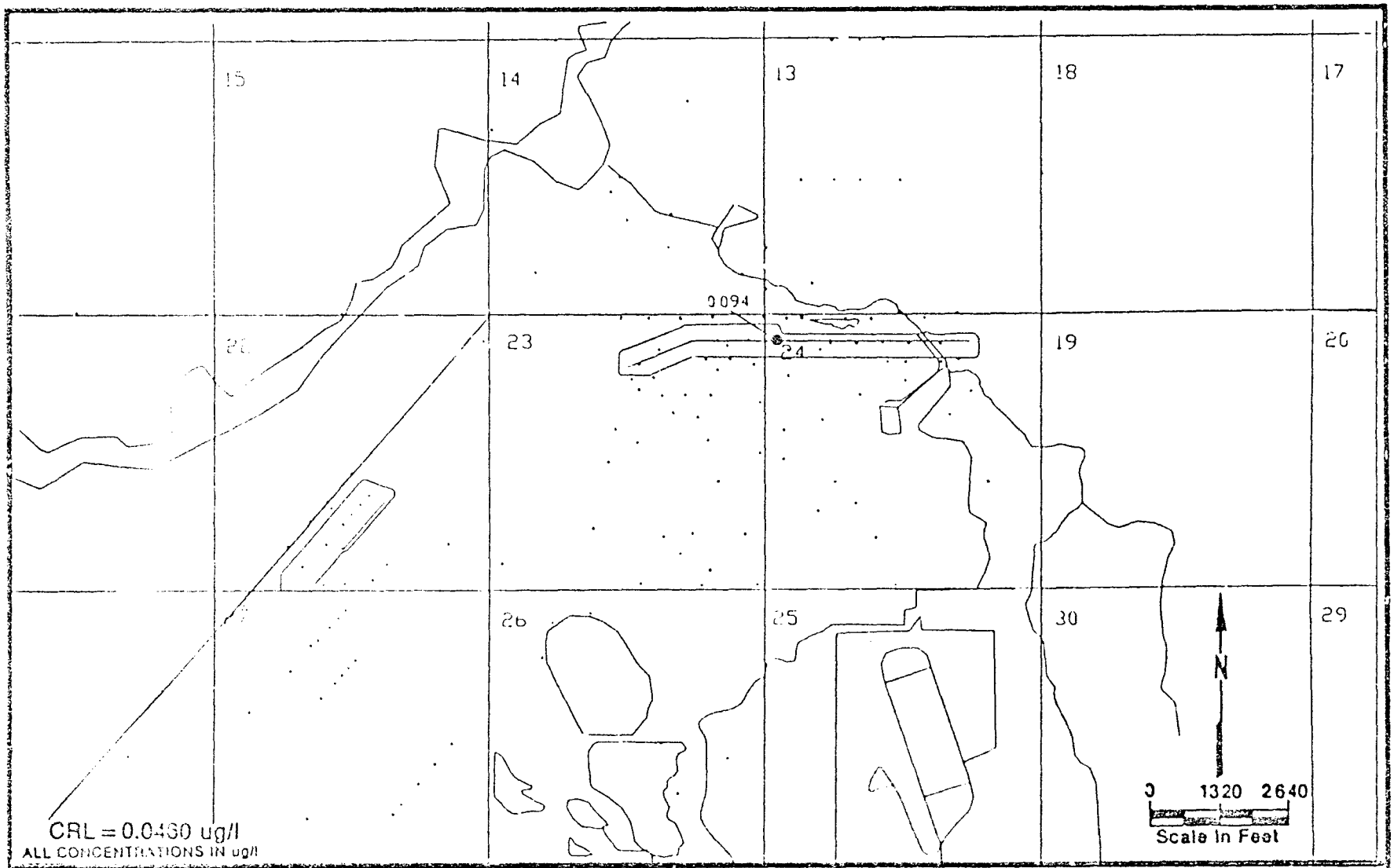


Figure B-86D
FOURTH QUARTER, FY87
DDE DETECTIONS
ALLUVIAL AQUIFER
SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

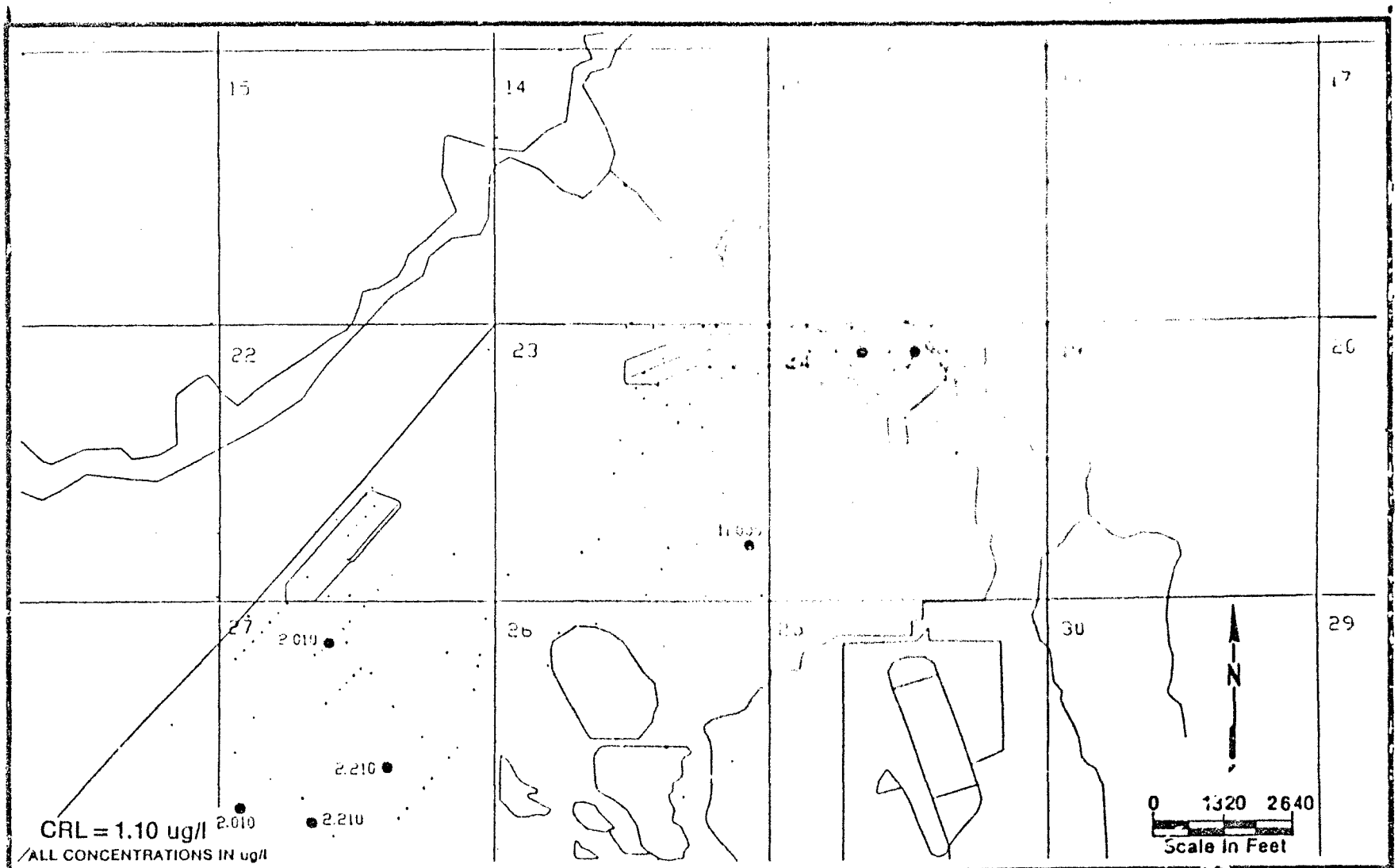


Figure B-87 A
FIRST QUARTER, FY87
1,1-DICHLOROETHENE DETECTIONS
ALLUVIAL AQUIFER
SOURCE:ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

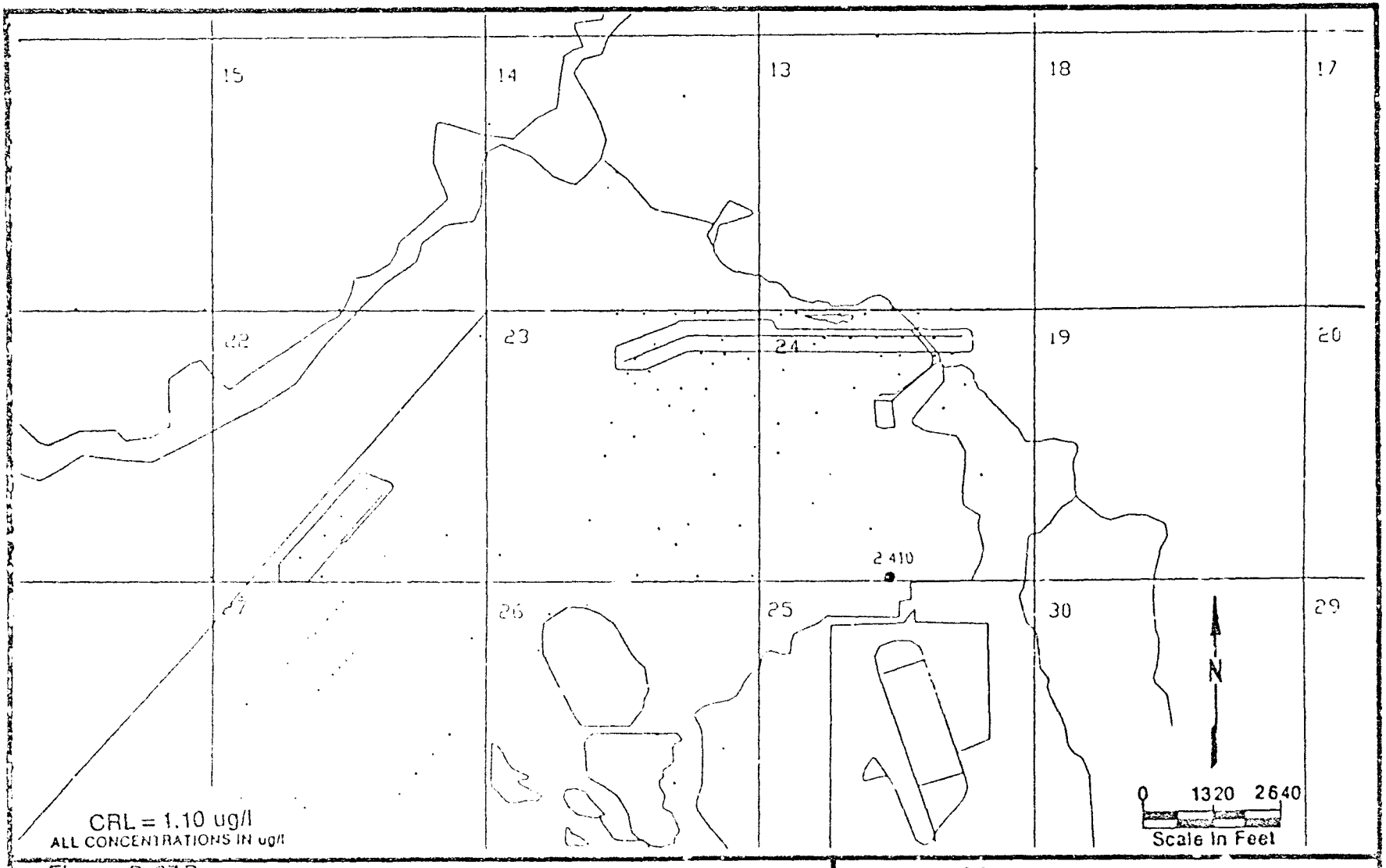


Figure B-87B
SECOND QUARTER, FY87
1,1-DICHLOROETHENE DETECTIONS
ALLUVIAL AQUIFER
SOURCE:ESE,1988

Prepared for
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

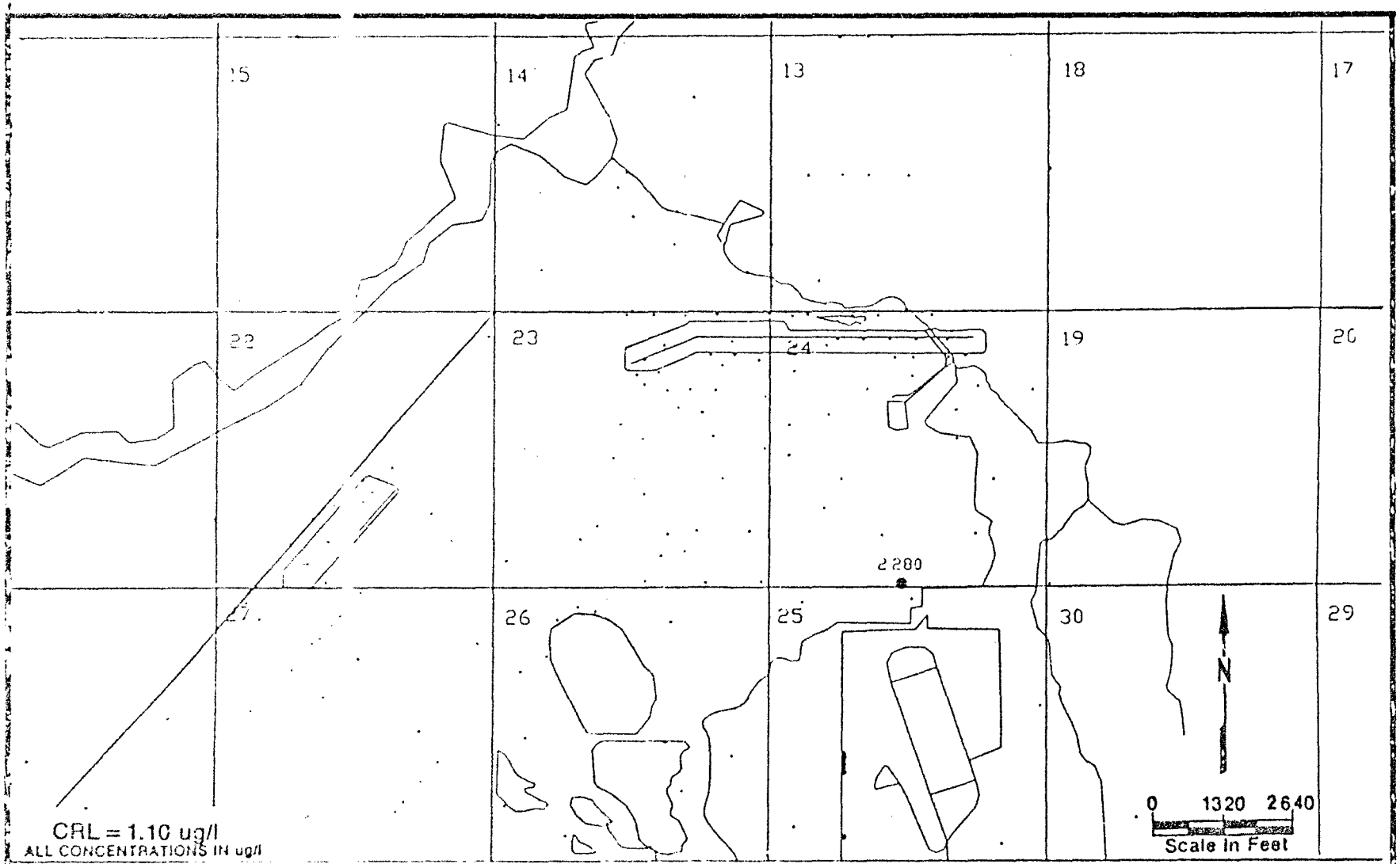


Figure B-87C
THIRD QUARTER, FY87
1,1-DICHLOROETHENE DETECTIONS
ALLUVIAL AQUIFER

SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

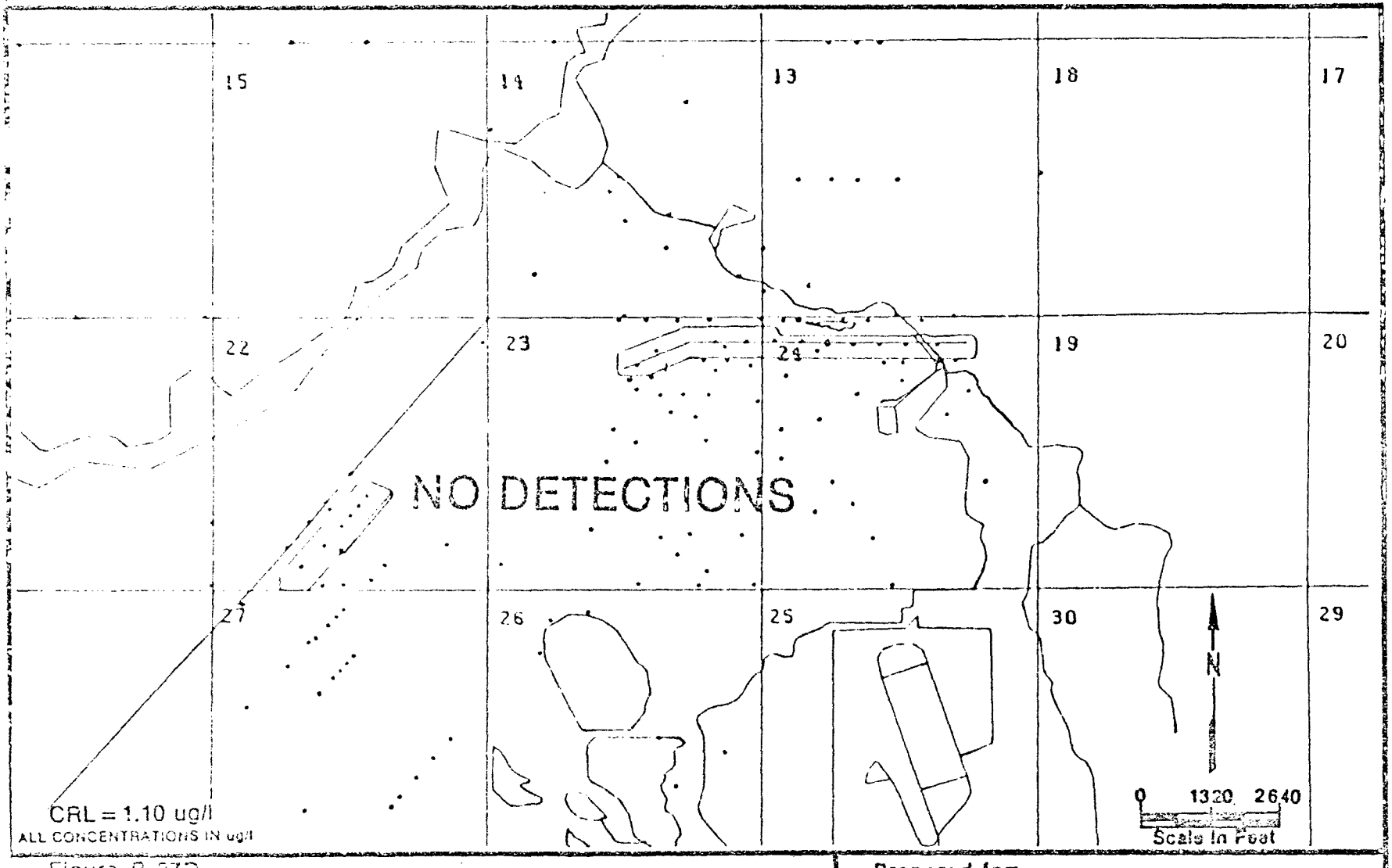


Figure 8-87D
FOURTH QUARTER, FY87
1,1-DICHLOROETHENE DETECTIONS
ALLUVIAL AQUIFER

SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

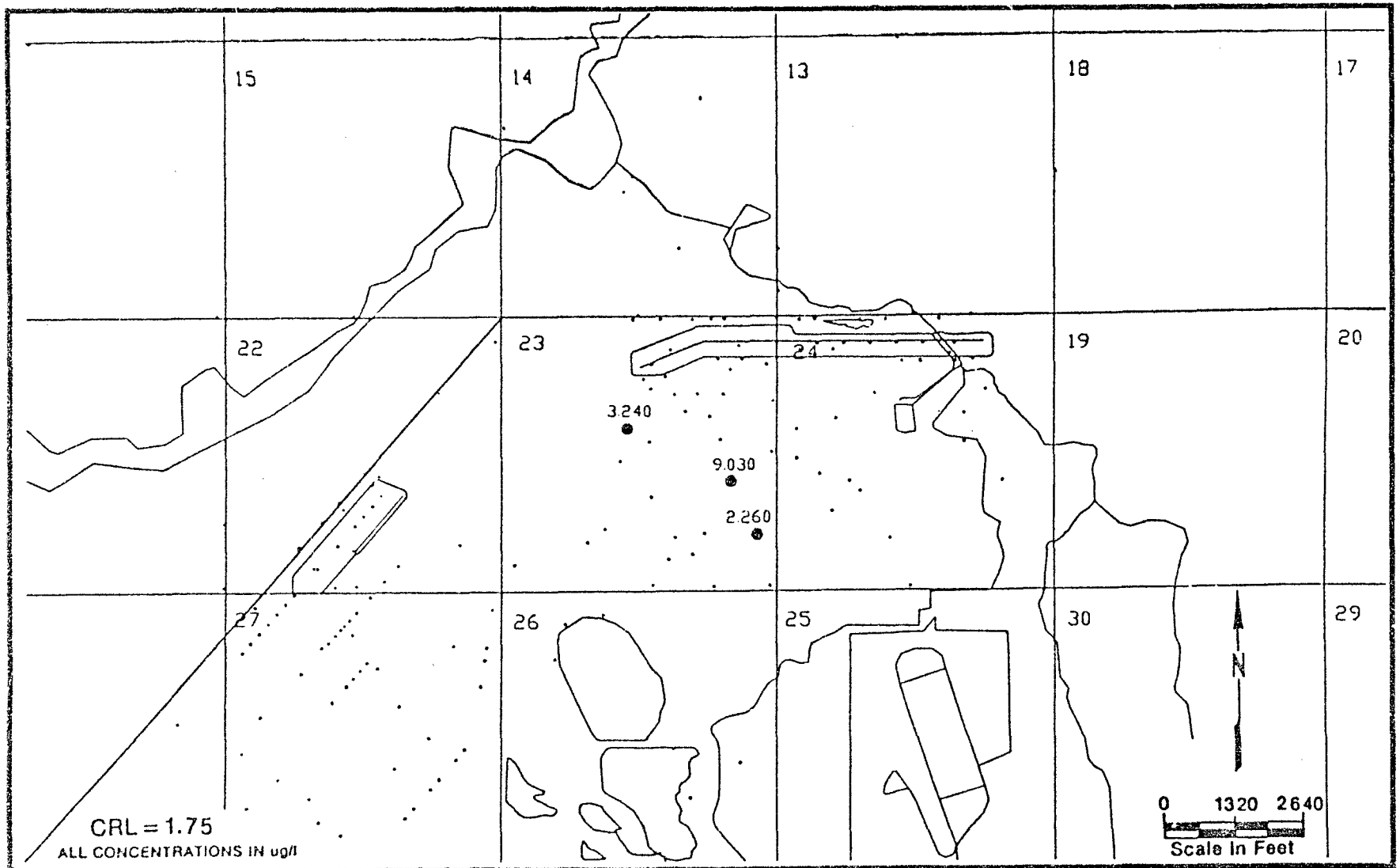


Figure B-88A
FIRST QUARTER, FY87
T-1,2-DICHLOROETHENE DETECTIONS
ALLUVIAL AQUIFER
SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

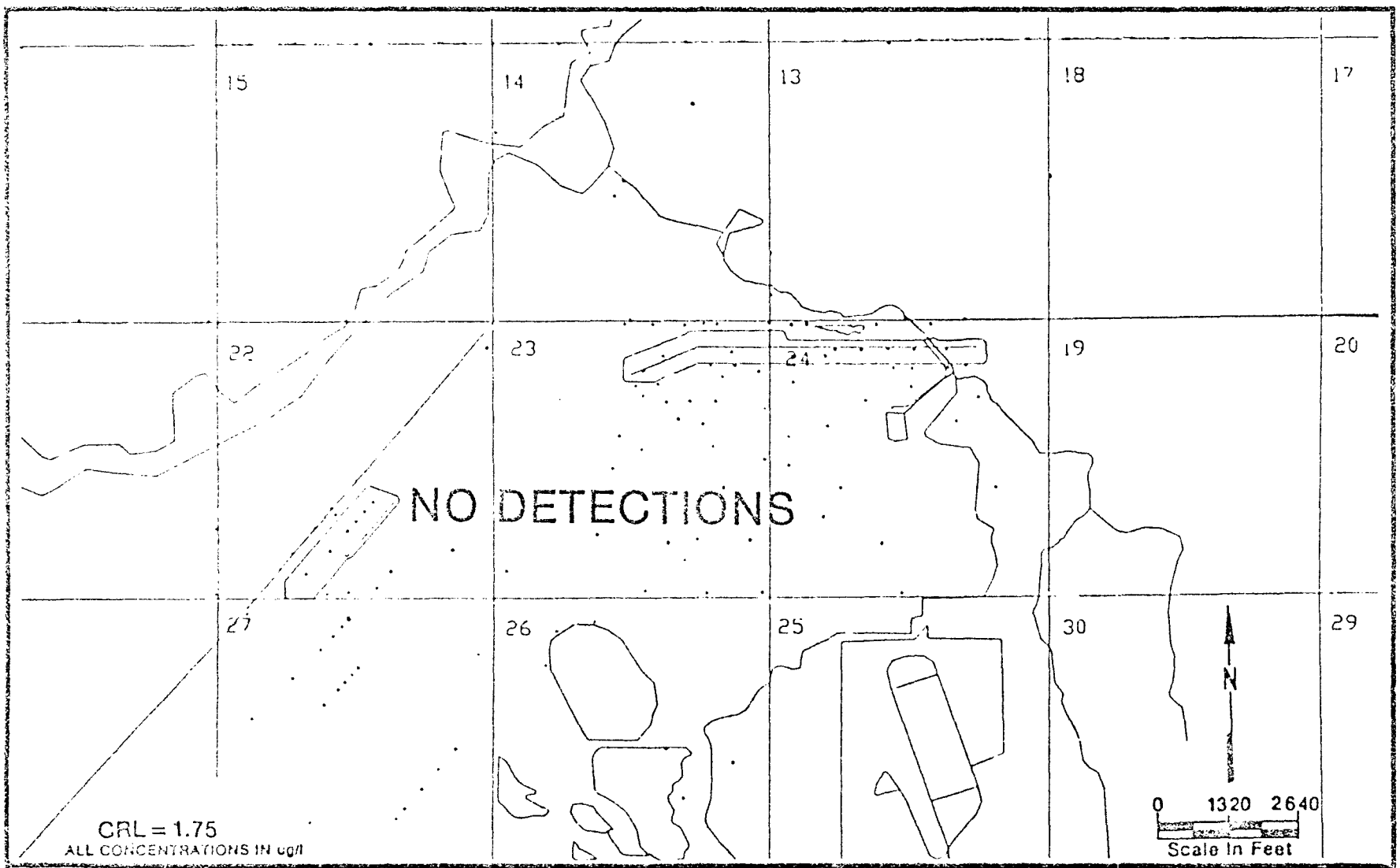


Figure B-88B
SECOND QUARTER, FY87
T-1,2-DICHLOROETHENE DETECTIONS
ALLUVIAL AQUIFER
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

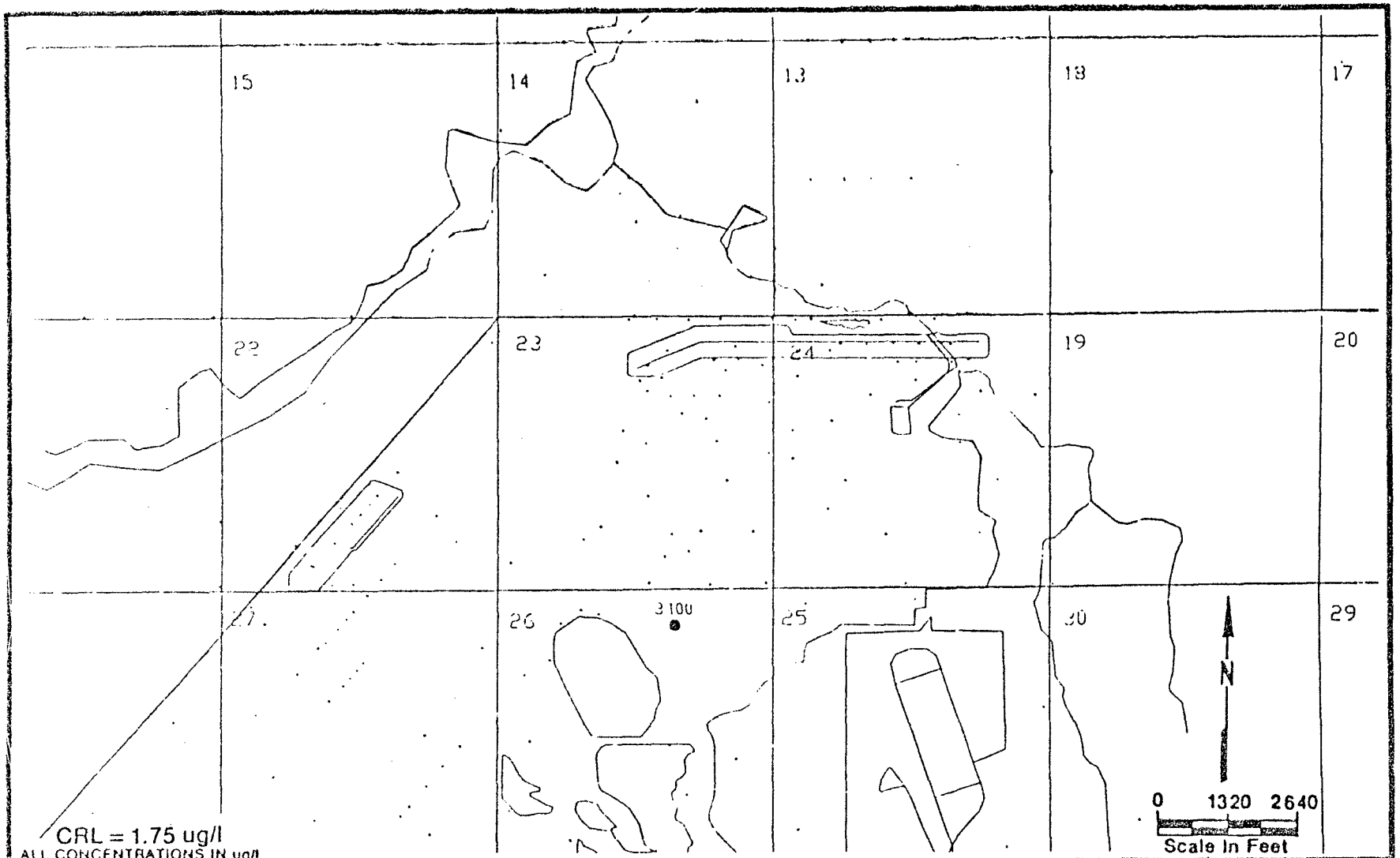


Figure 8-88C
THIRD QUARTER, FY87
T-1,2-DICHLOROETHANE DETECTIONS
ALLUVIAL AQUIFER

SOURCE ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

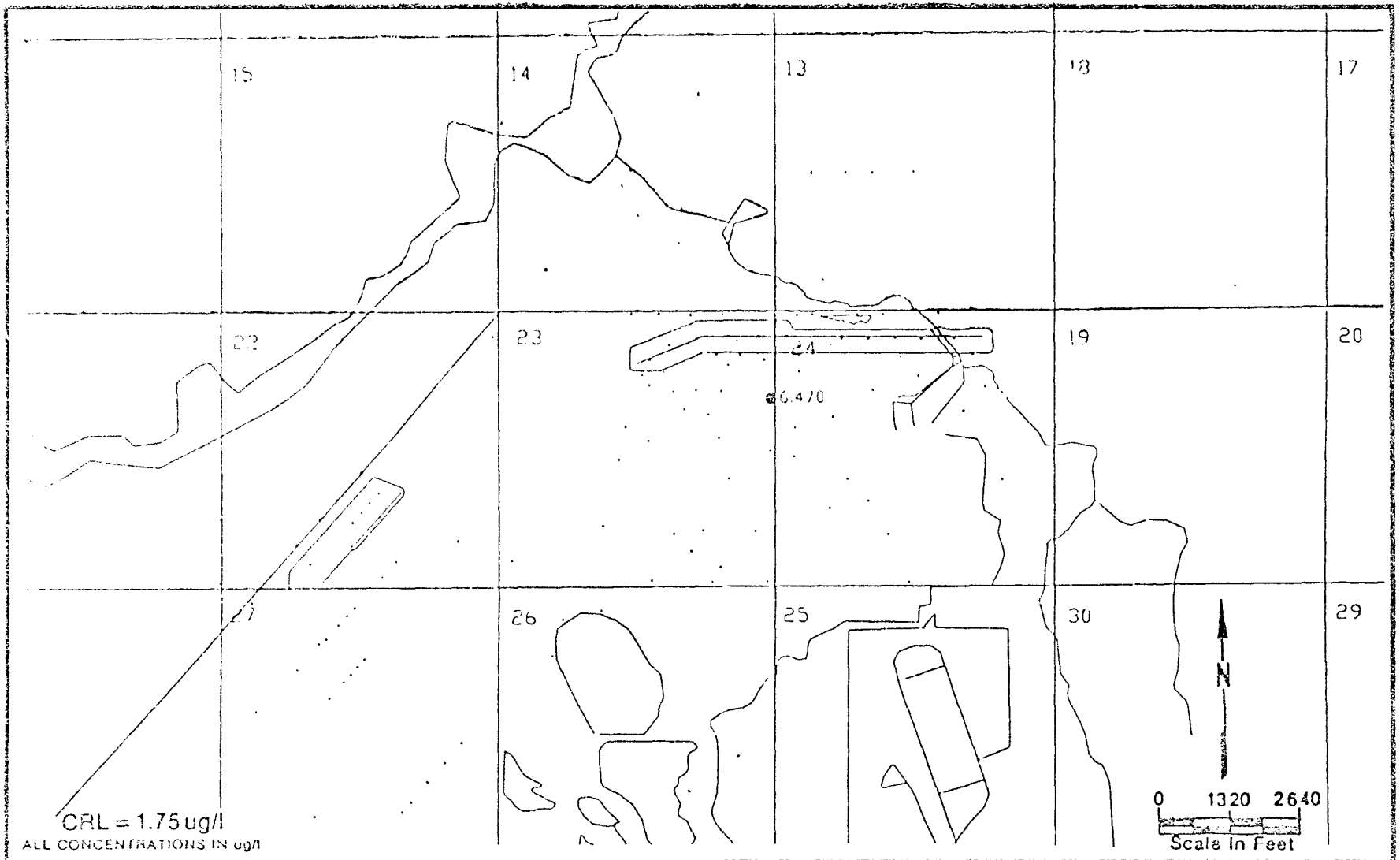


Figure B-88D
FOURTH QUARTER, FY87
T-1,2-DICHLOROETHENE DETECTIONS
ALLUVIAL AQUIFER
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

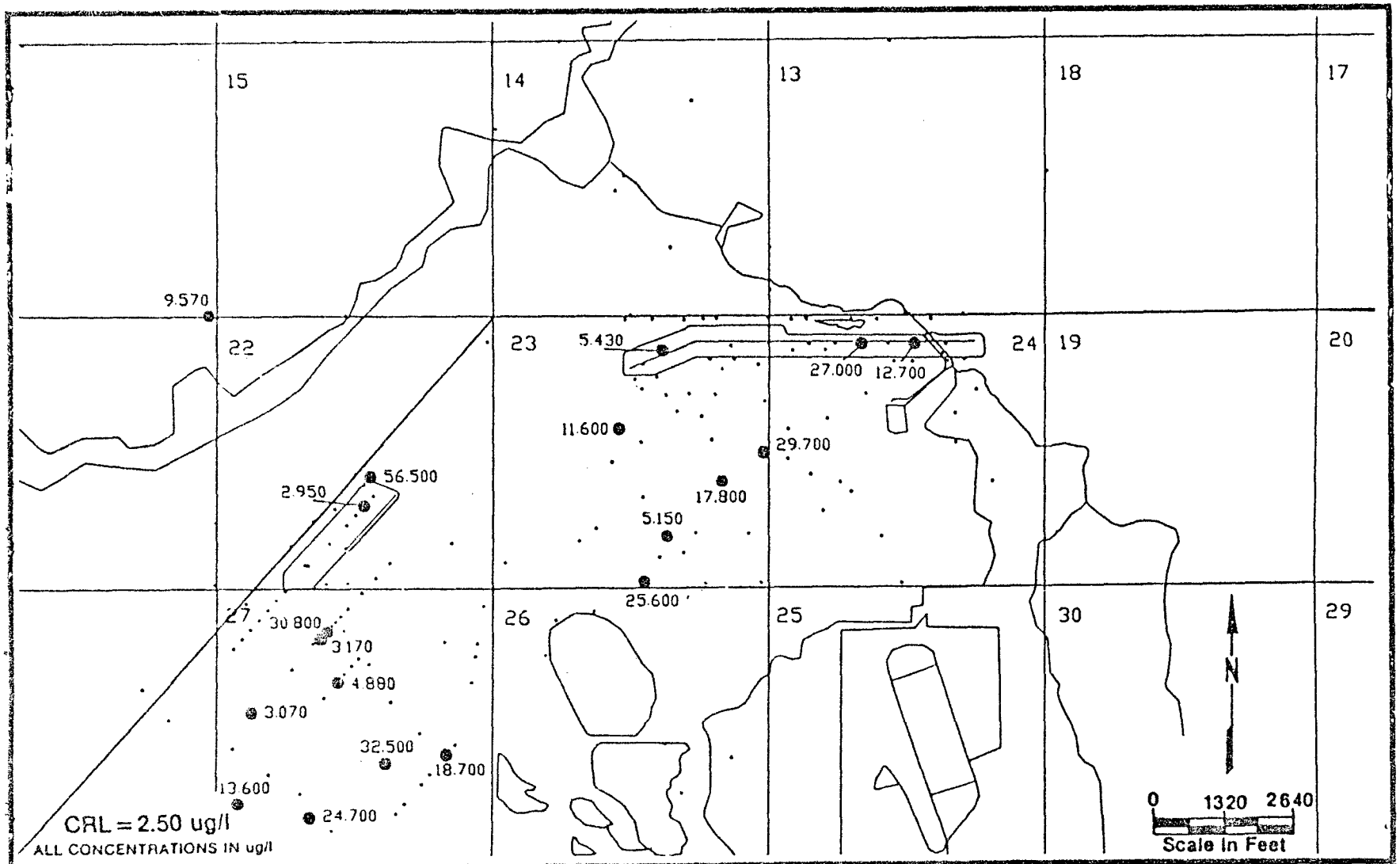


Figure B-89A
FIRST QUARTER, FY87
METHYLENE CHLORIDE DETECTIONS
ALLUVIAL AQUIFER
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

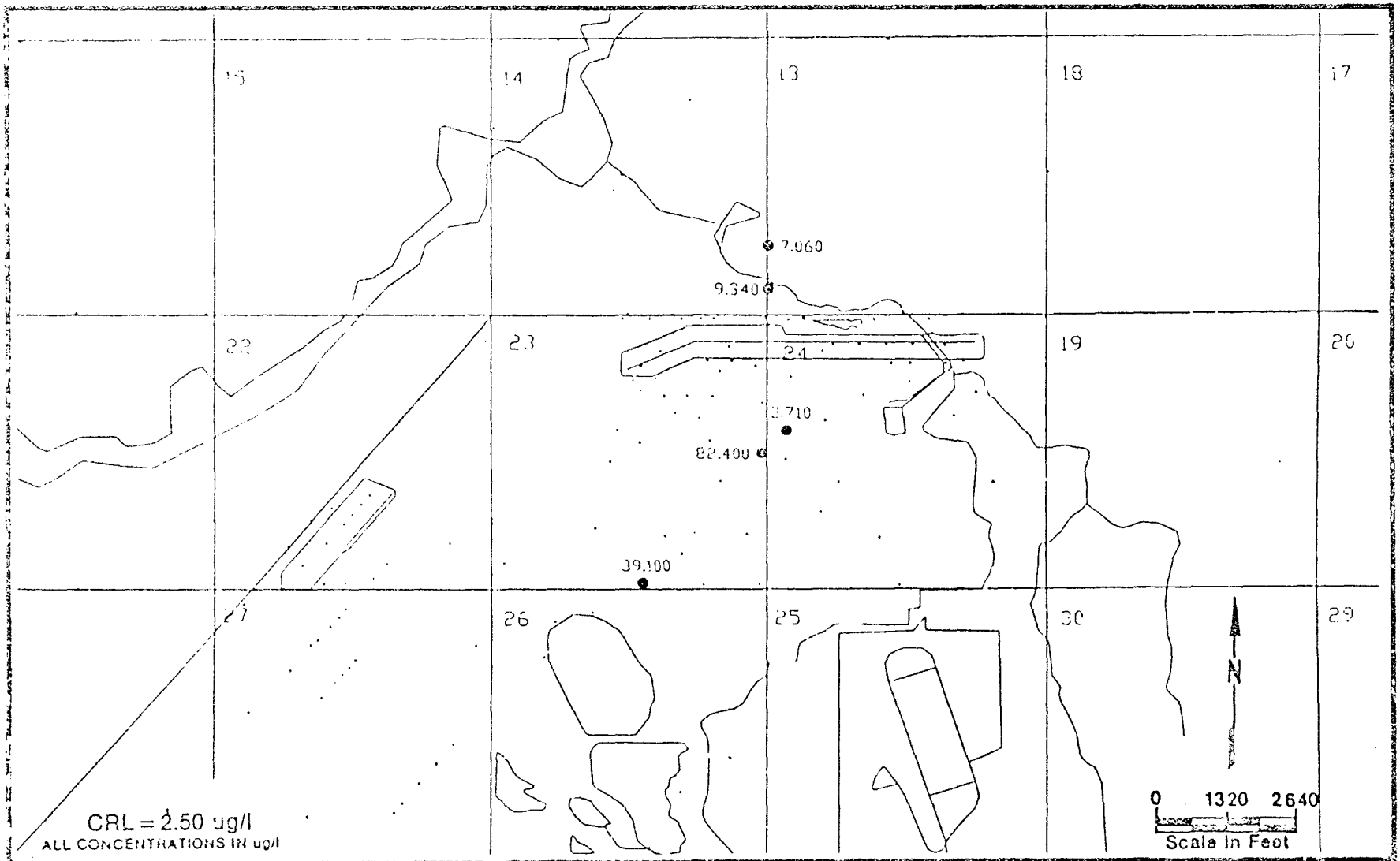


Figure B-89B
SECOND QUARTER, FY87
METHYLENE CHLORIDE DETECTIONS
ALLUVIAL AQUIFER
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

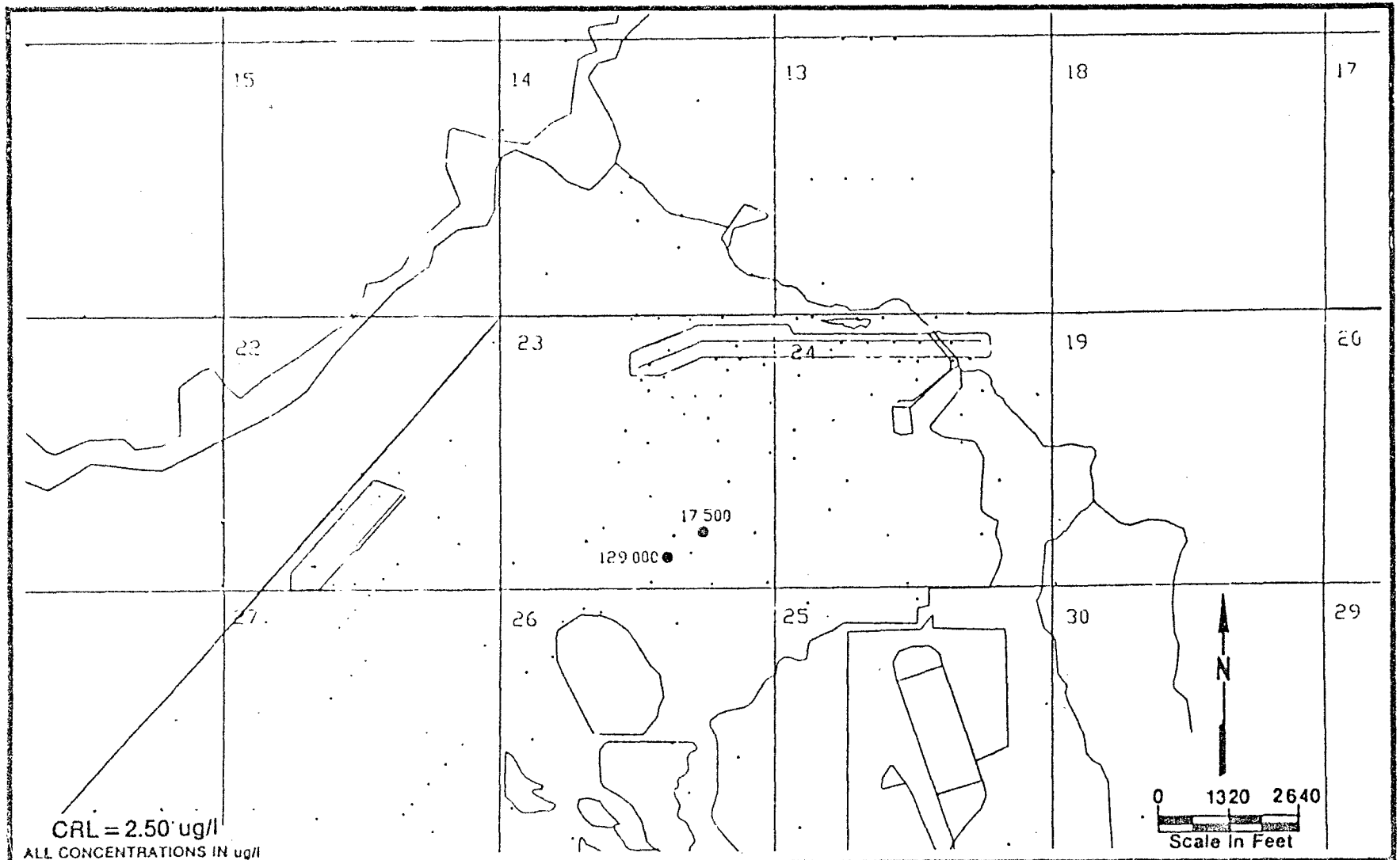


Figure B-89C
THIRD QUARTER, FY 87
METHYLENE CHLORIDE DETECTIONS
ALLUVIAL AQUIFER
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

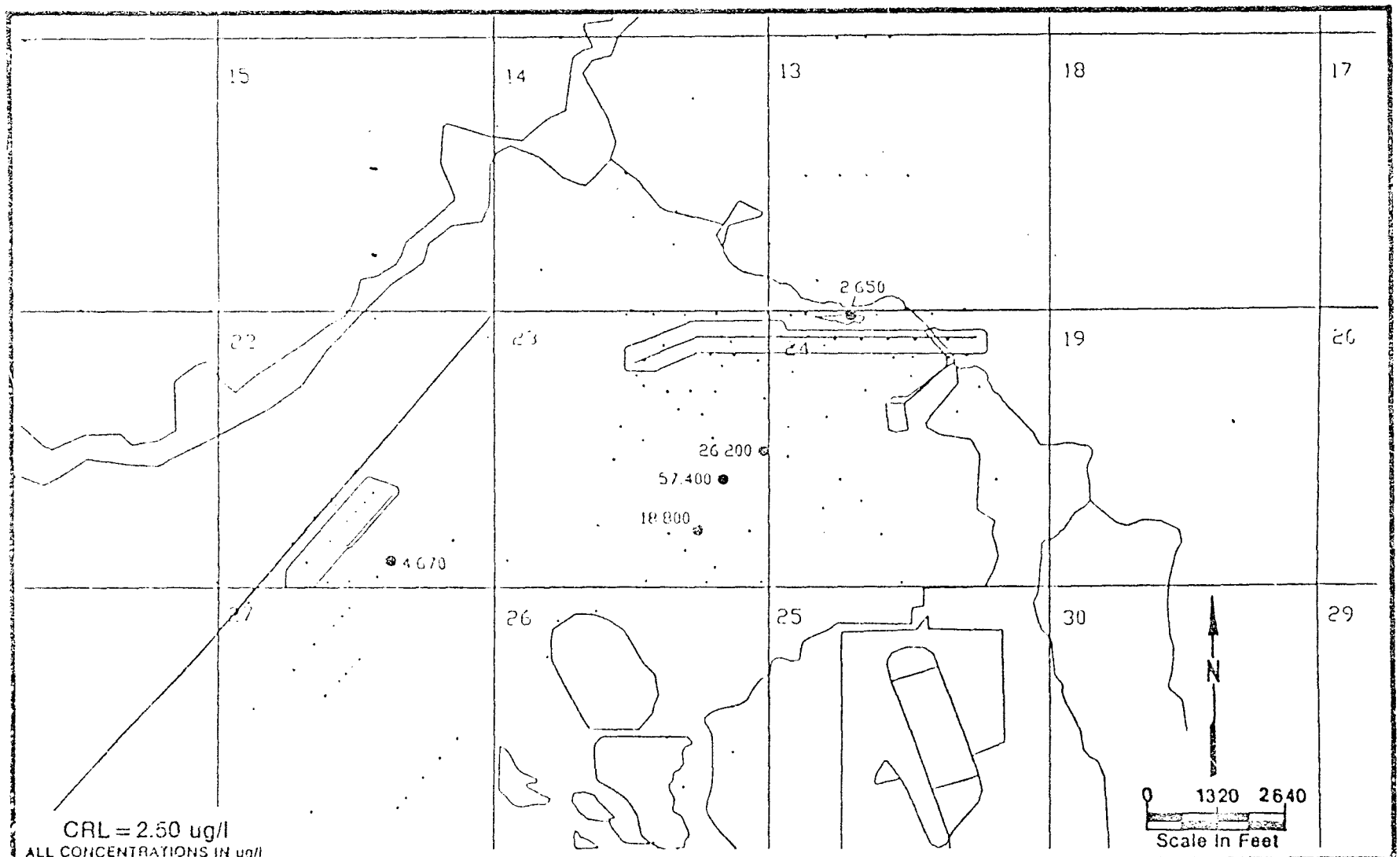


Figure B-89D
FOURTH QUARTER, FY87
METHYLENE CHLORIDE DETECTIONS
ALLUVIAL AQUIFER
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

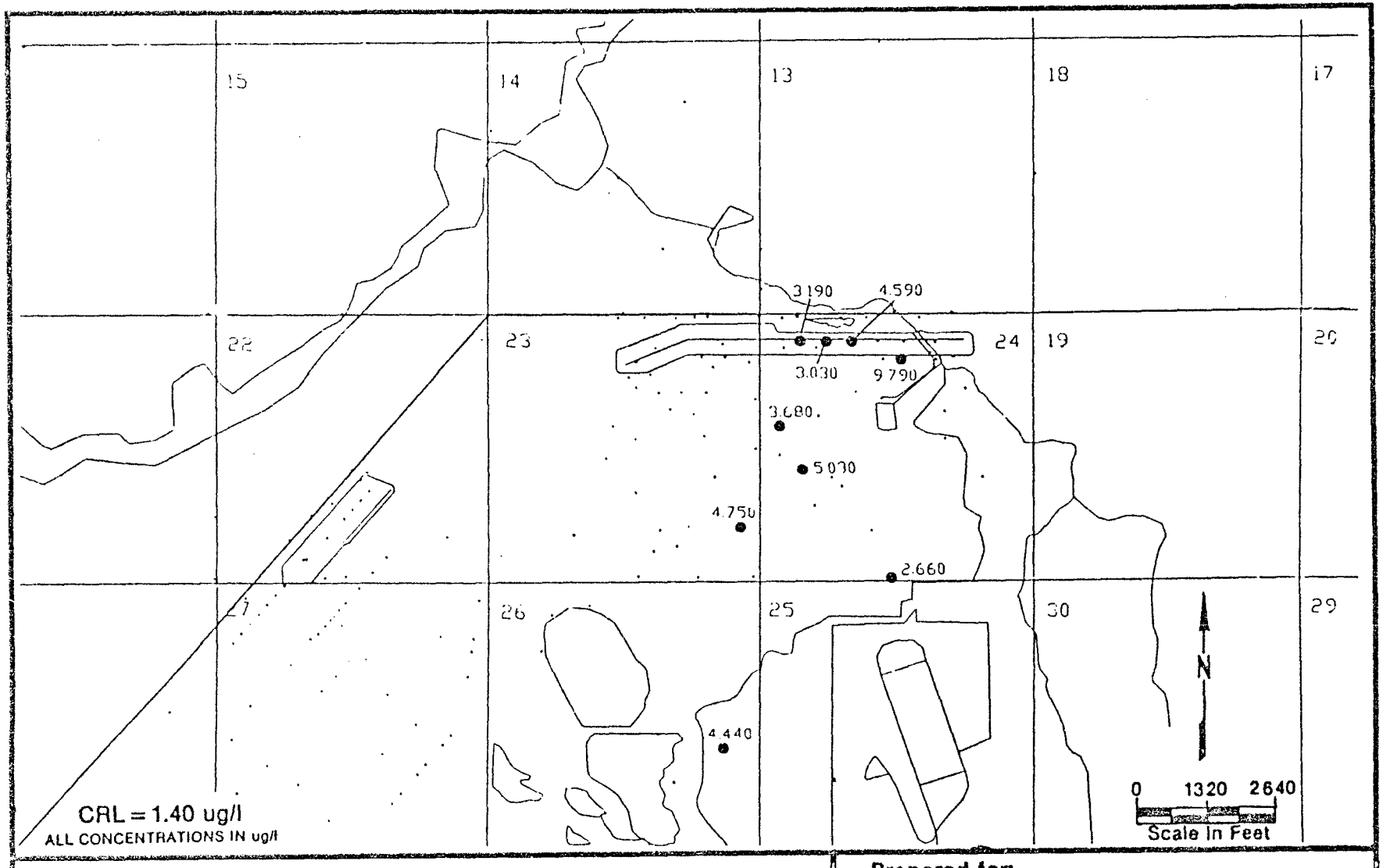


Figure B-90A
FIRST QUARTER, FY87
CARBON TETRACHLORIDE DETECTIONS
ALLUVIAL AQUIFER
SOURCE:ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

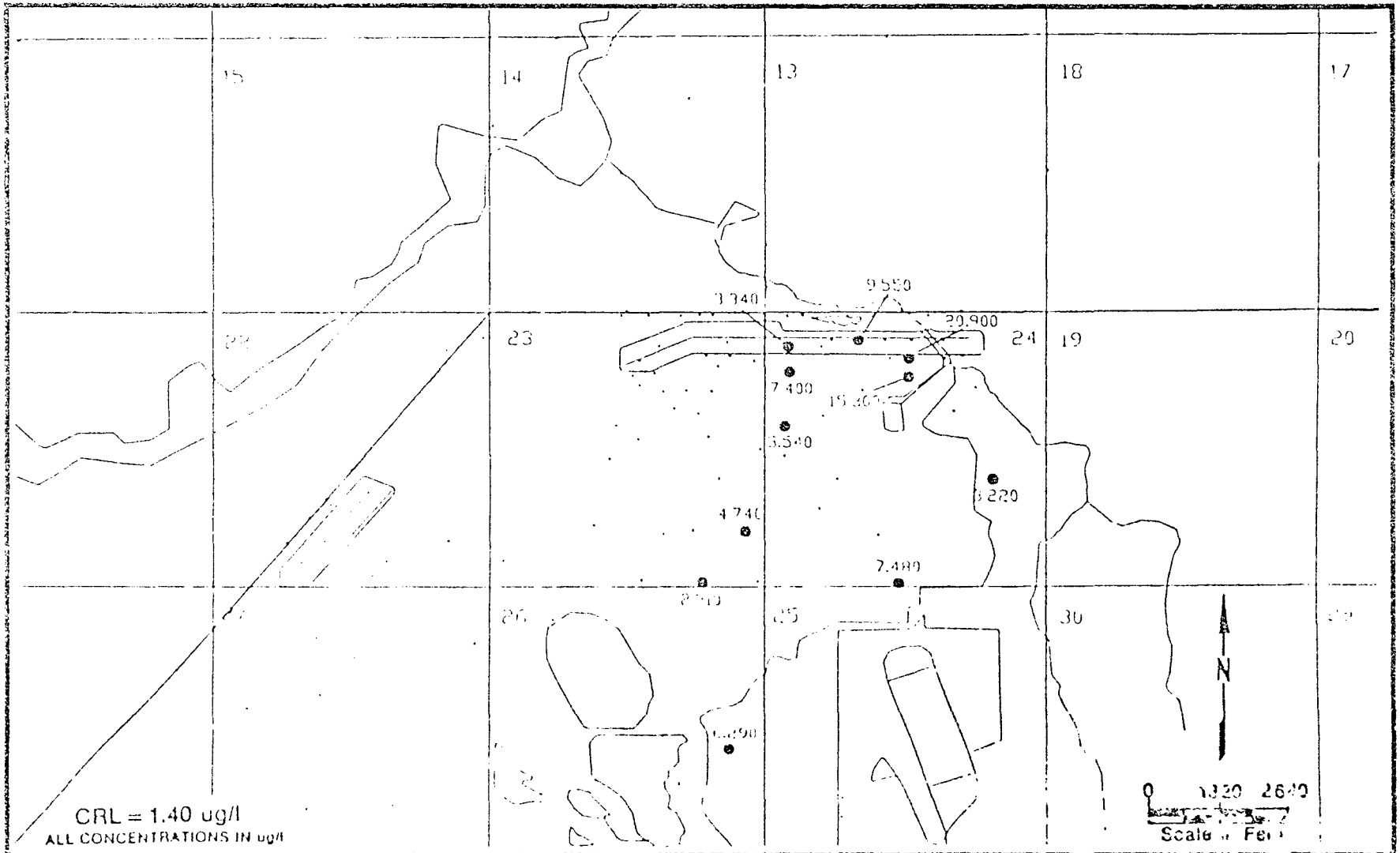


Figure B-90B
SECOND QUARTER FY87
CARBON TETRACHLORIDE DETECTIONS
ALLUVIAL AQUIFER
SOURCE ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

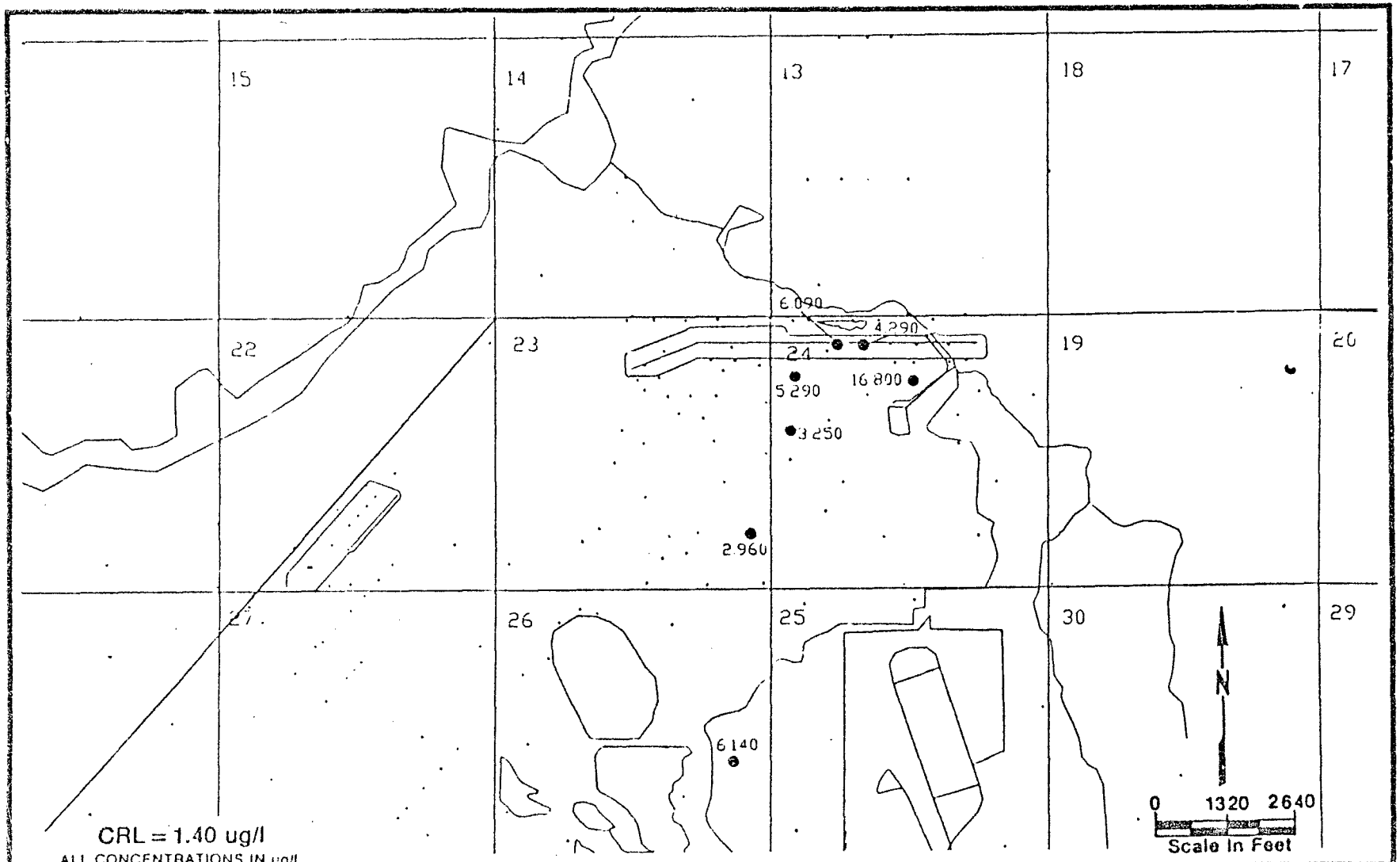


Figure B-90C
THIRD QUARTER, FY87
CARBON TETRACHLORIDE DETECTIONS
ALLUVIAL AQUIFER

SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

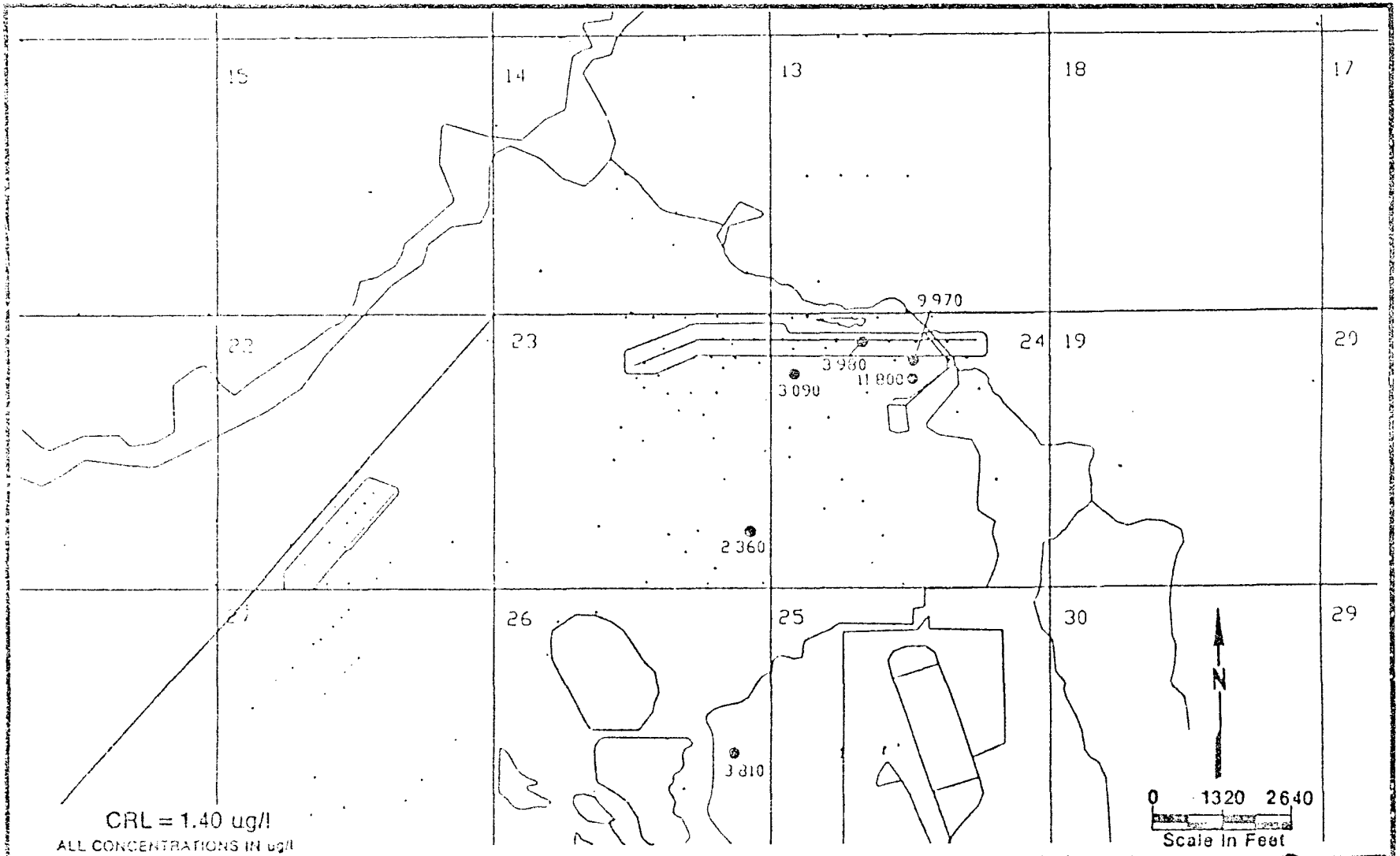


Figure B-90D
FOURTH QUARTER, FY87
CARBON TETRACHLORIDE DETECTIONS
ALLUVIAL AQUIFER
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

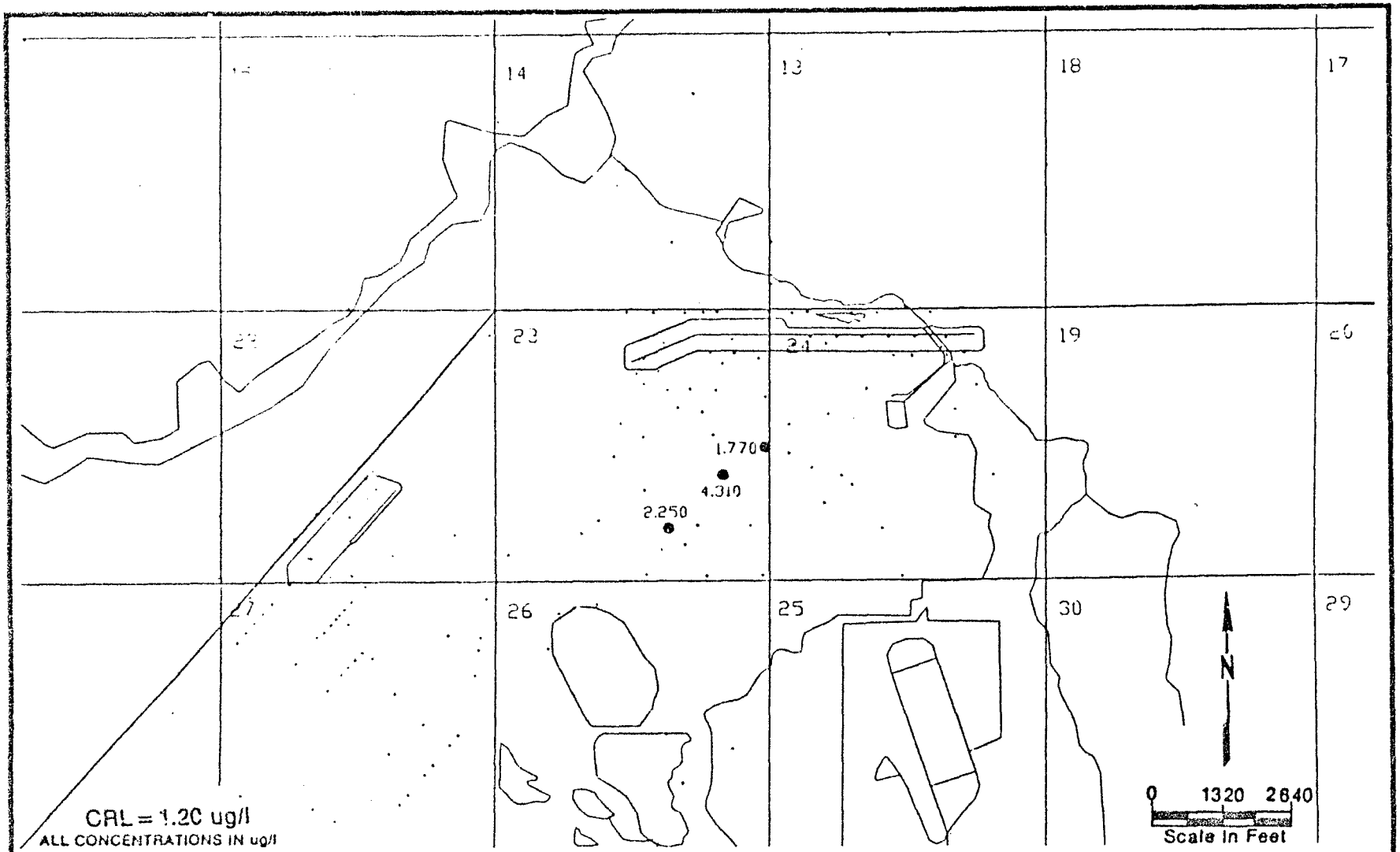


Figure B-91A
FIRST QUARTER, FY87
1,1-DICHLOROETHANE DETECTIONS
ALLUVIAL AQUIFER
SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

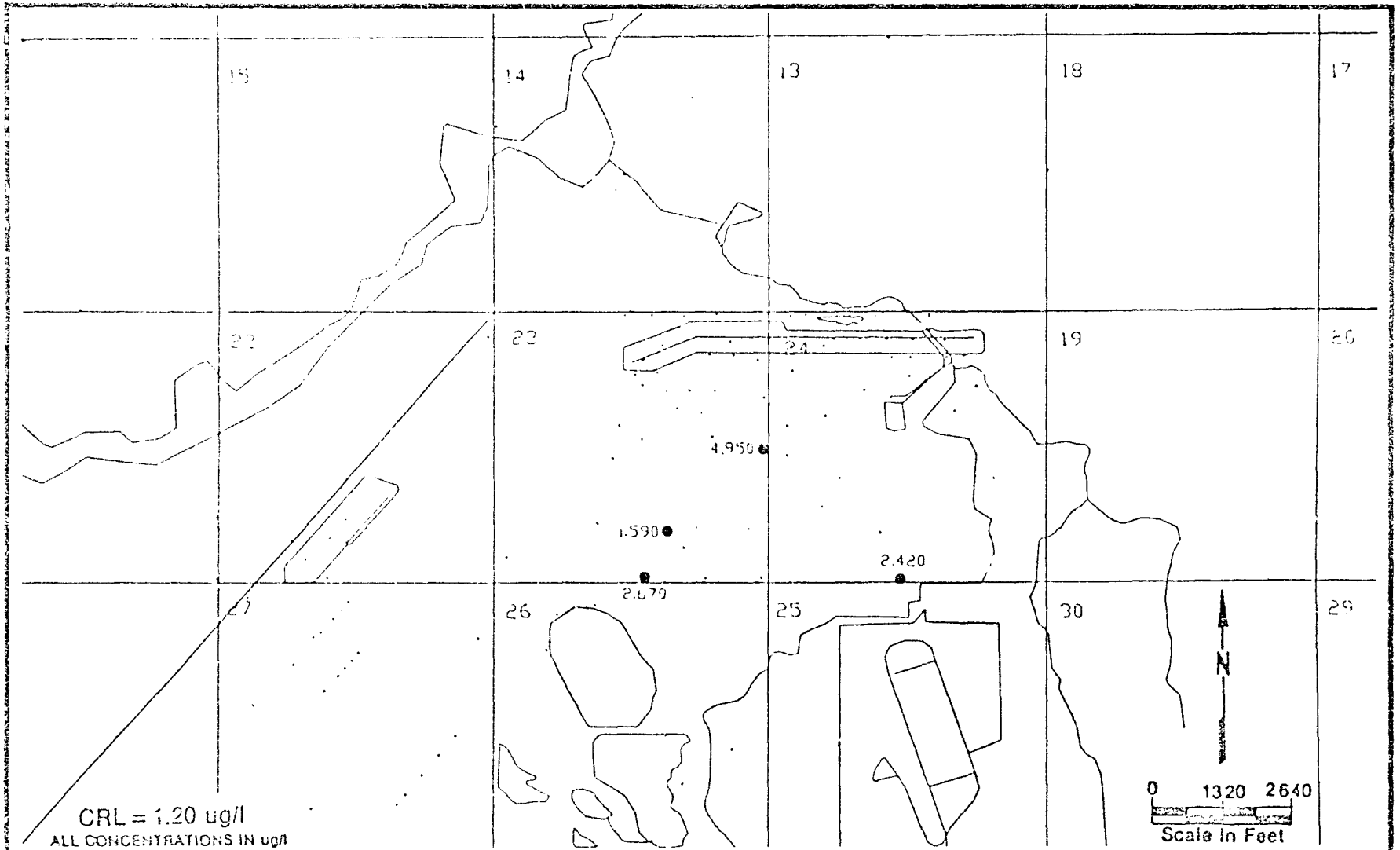


Figure 8-91B
SECOND QUARTER, FY87
1,1-DICHLOROETHANE DETECTIONS
ALLUVIAL AQUIFER
SOURCE ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

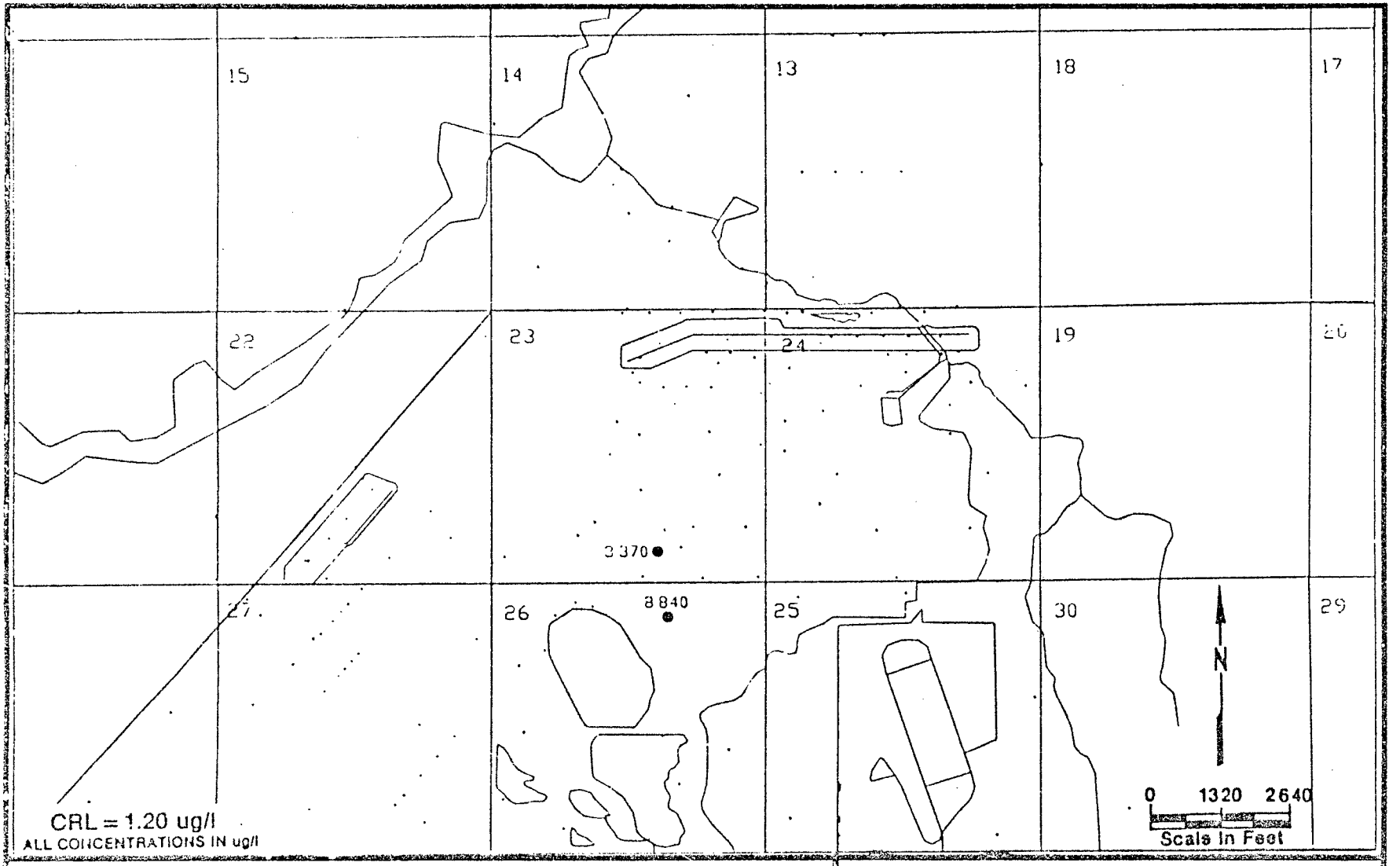


Figure B-91C
THIRD QUARTER, FY87
1,1-DICHLOROETHANE DETECTIONS
ALLUVIAL AQUIFER
SOURCE:ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

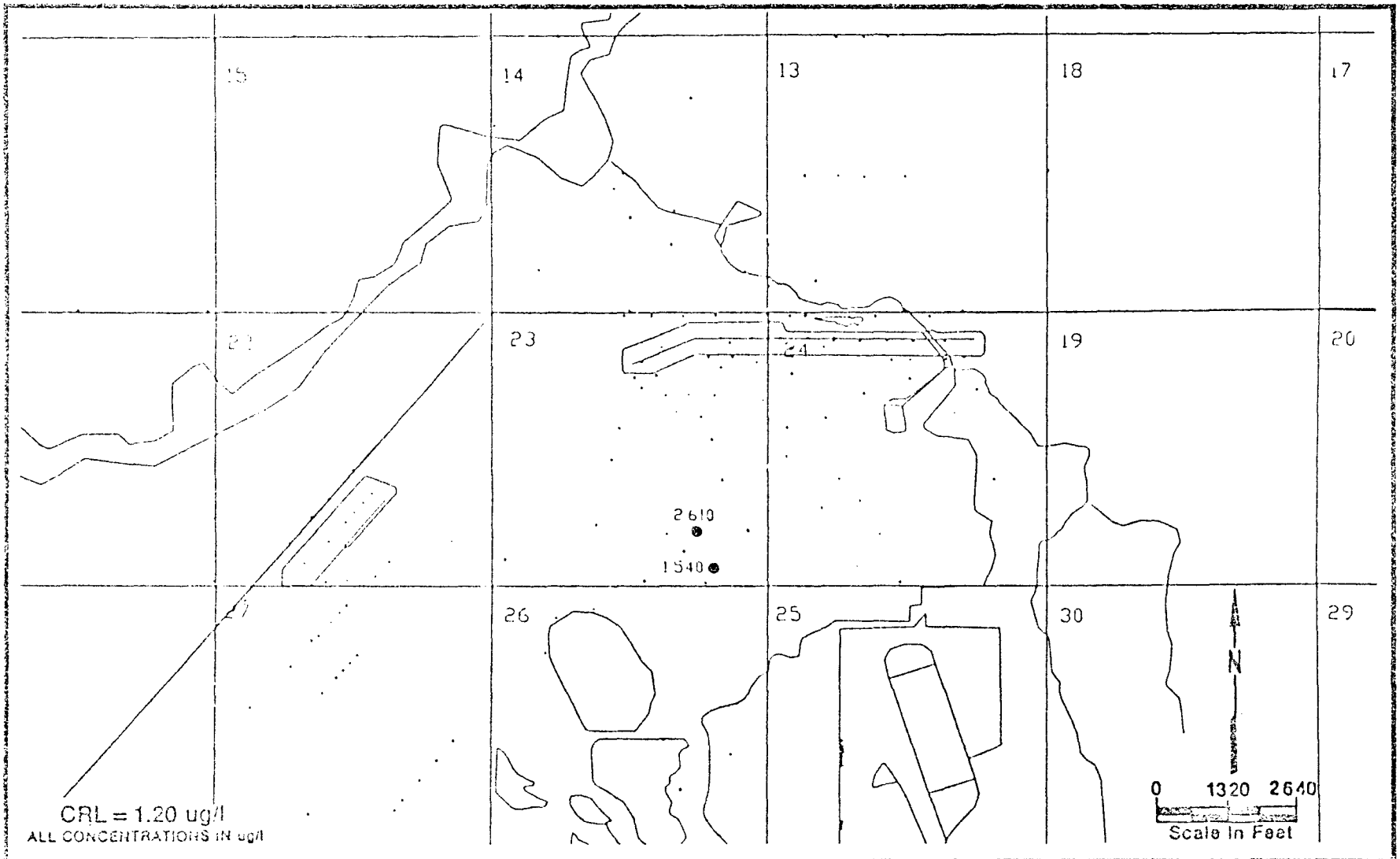


Figure B-91D
FOURTH QUARTER, FY87
1,1-DICHLOROETHANE DETECTIONS
ALLUVIAL AQUIFER
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

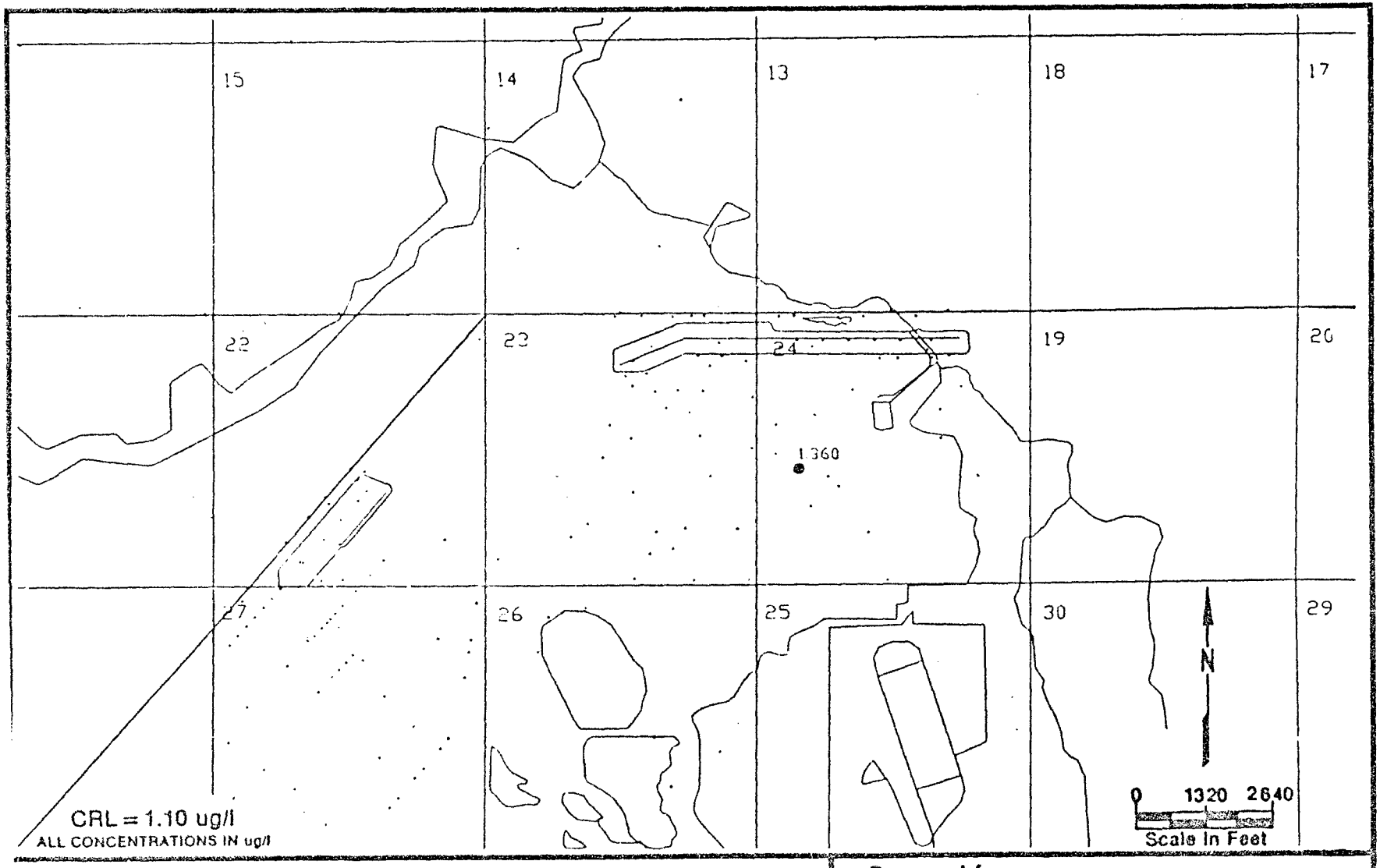


Figure B-92A
FIRST QUARTER, FY87
1,1,1-TRICHLOROETHANE DETECTIONS
ALLUVIAL AQUIFER
SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

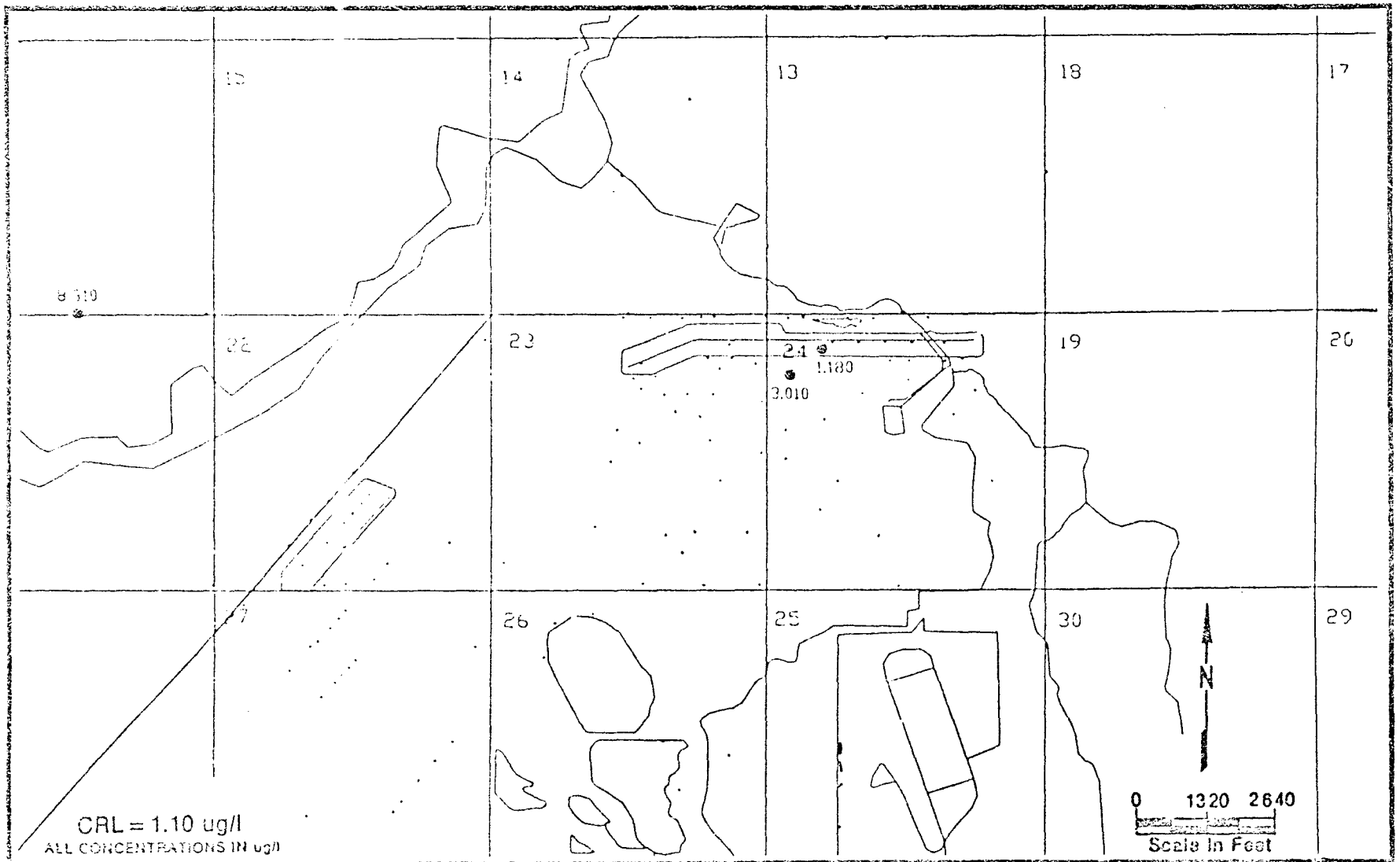


Figure B-92B
SECOND QUARTER, FY87
1,1,1-TRICHLOROETHANE DETECTIONS
ALLUVIAL AQUIFER
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

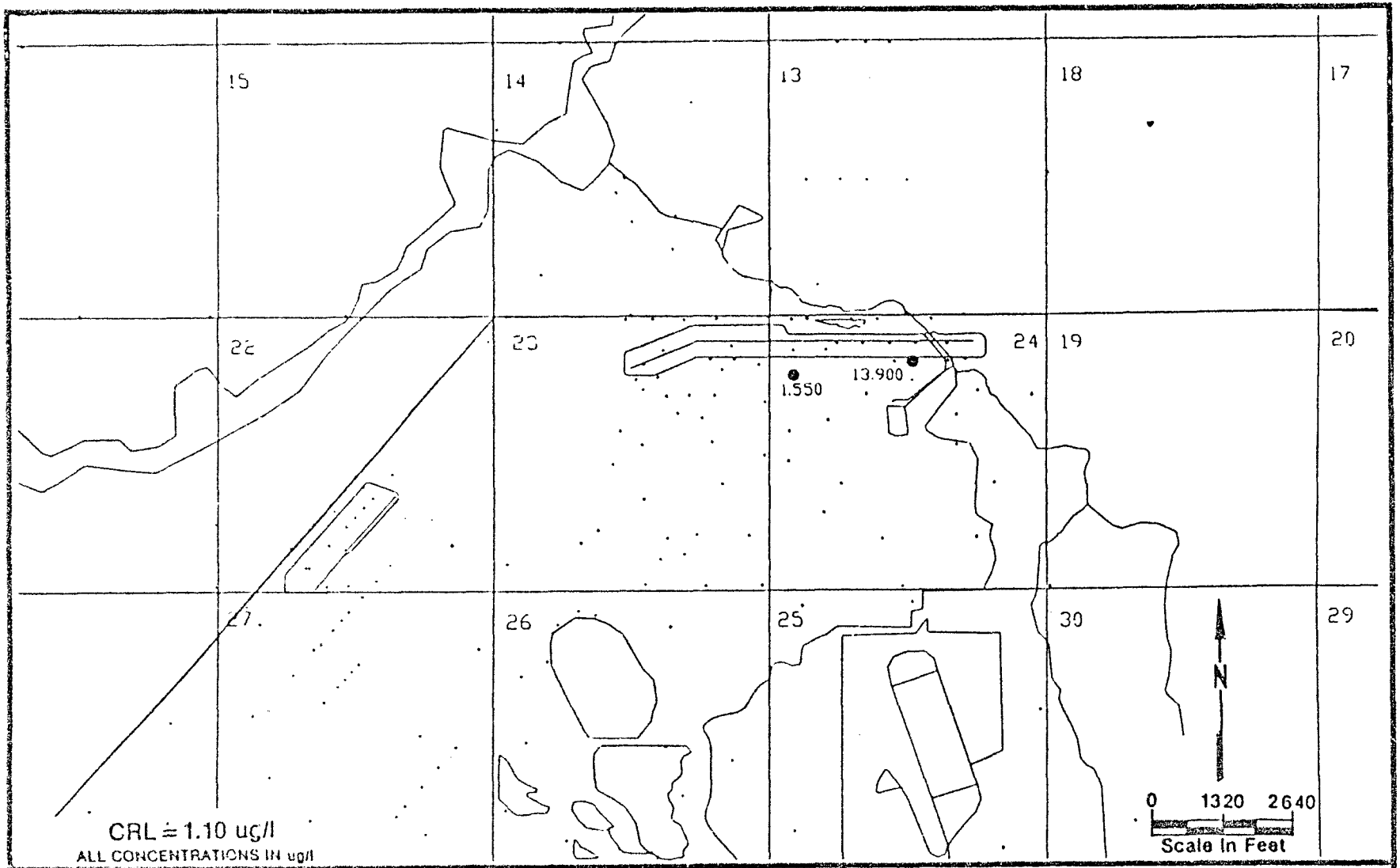


Figure B-92C
THIRD QUARTER,FY87
1,1,1-TRICHLOROETHANE DETECTIONS
ALLUVIAL AQUIFER
SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

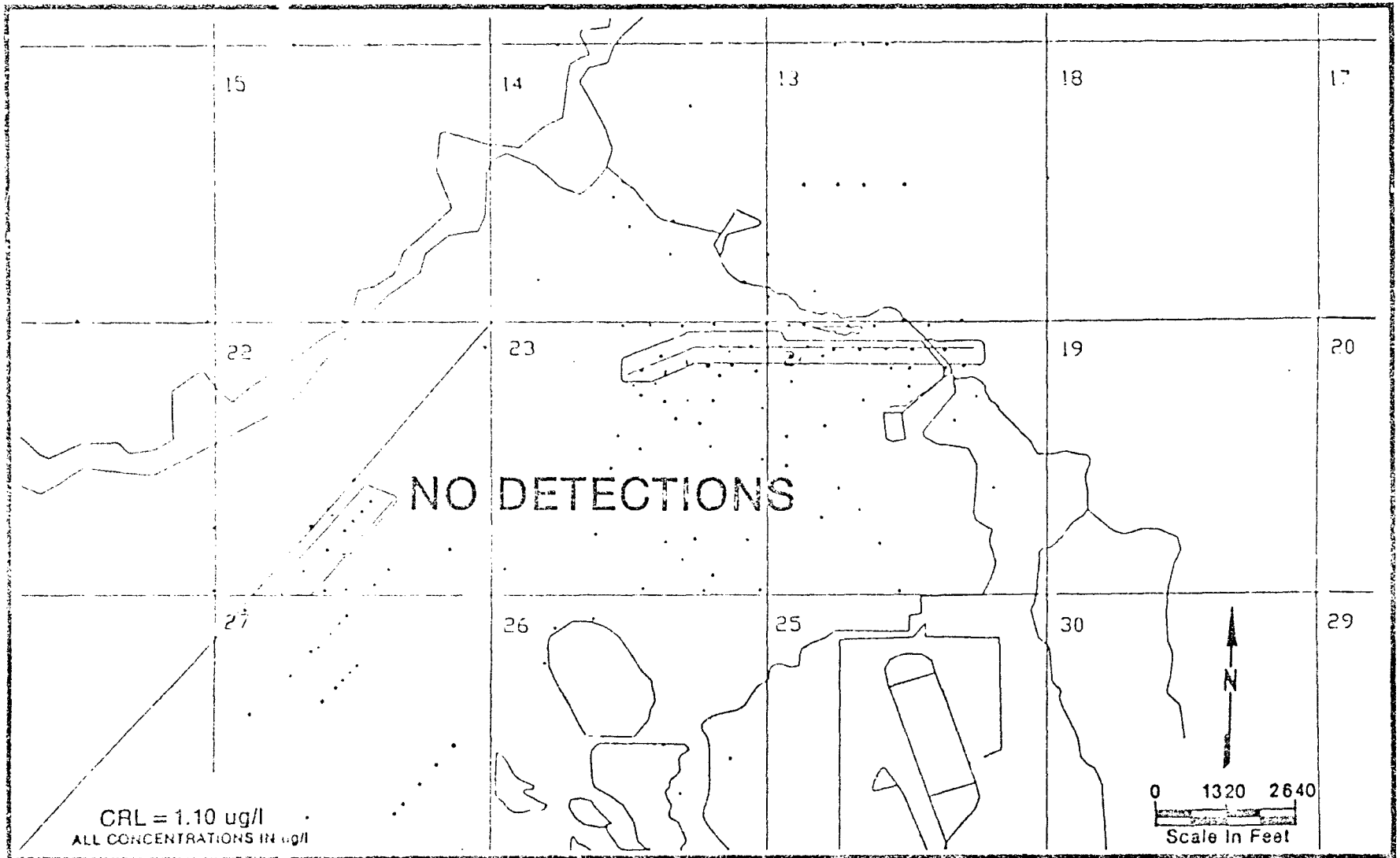


Figure B-32D
FOURTH QUARTER, FY87
1,1,1-TRICHLOROETHANE DETECTIONS
ALLUVIAL AQUIFER
SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

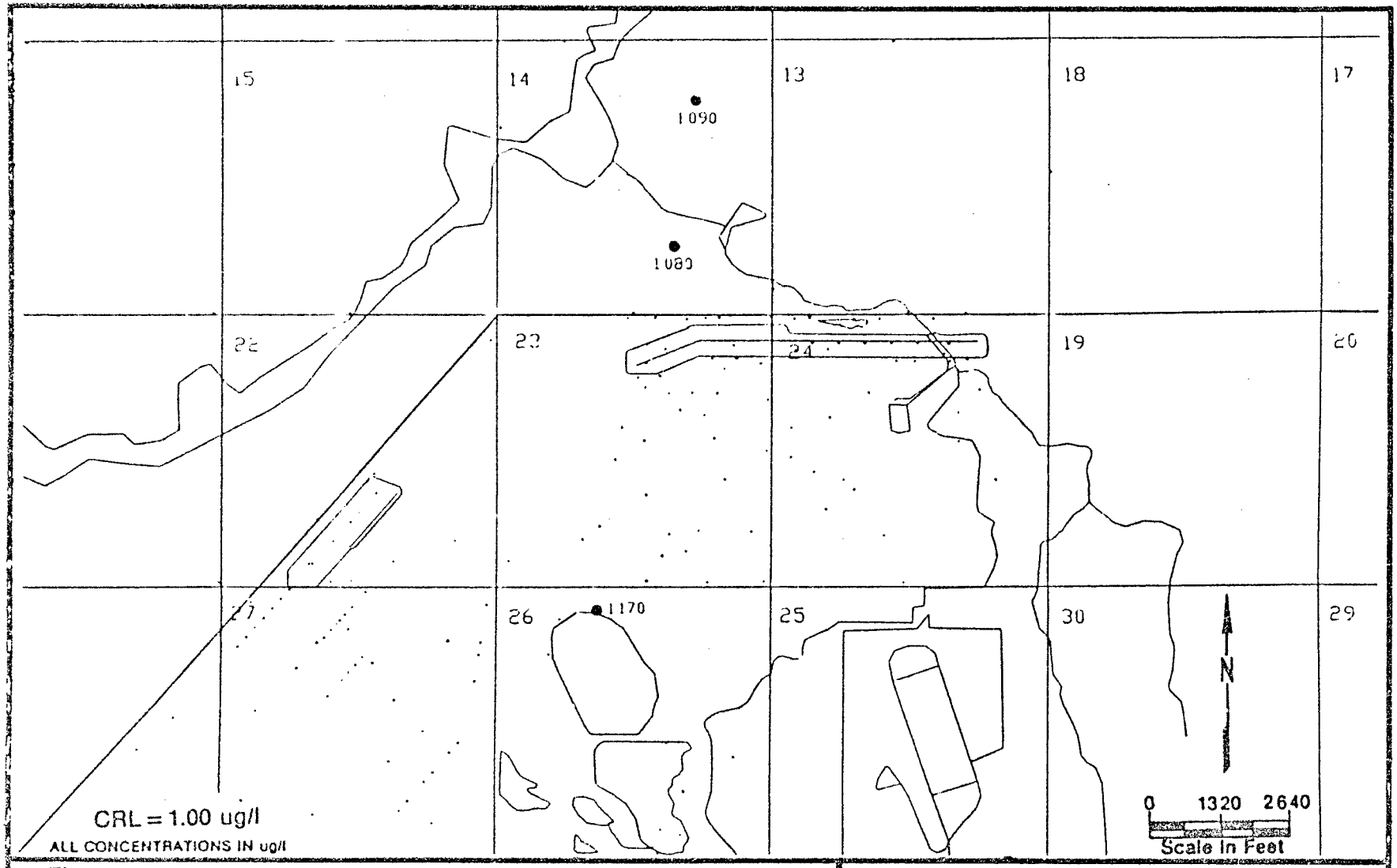


Figure B-93A
FIRST QUARTER, FY87
1,1,2-TRICHLOROETHANE DETECTIONS
ALLUVIAL AQUIFER
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

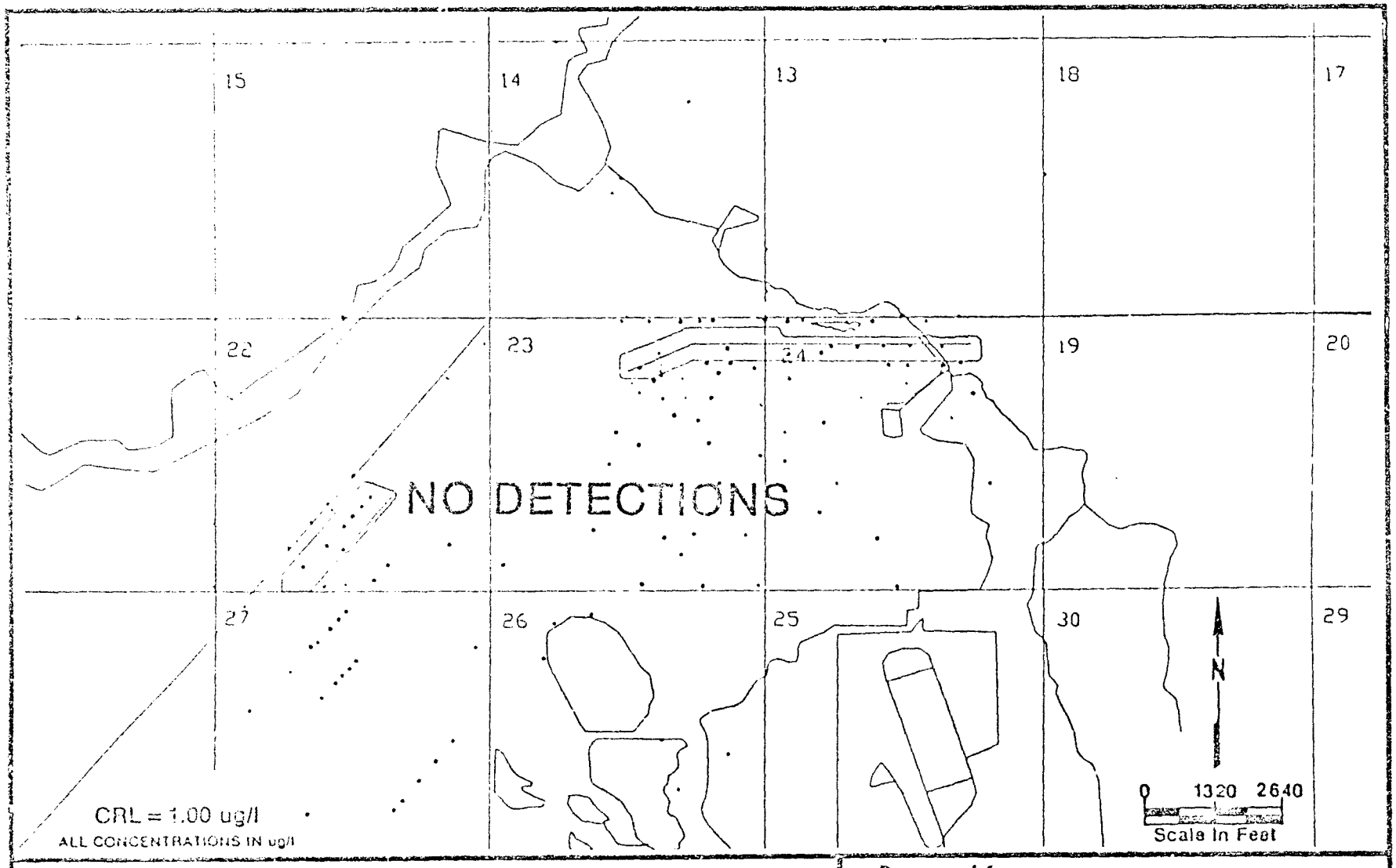


Figure B-93B
SECOND QUARTER, FY87
1,1,2-TRICHLOROETHANE DETECTIONS
ALLUVIAL AQUIFER
SOURCE ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

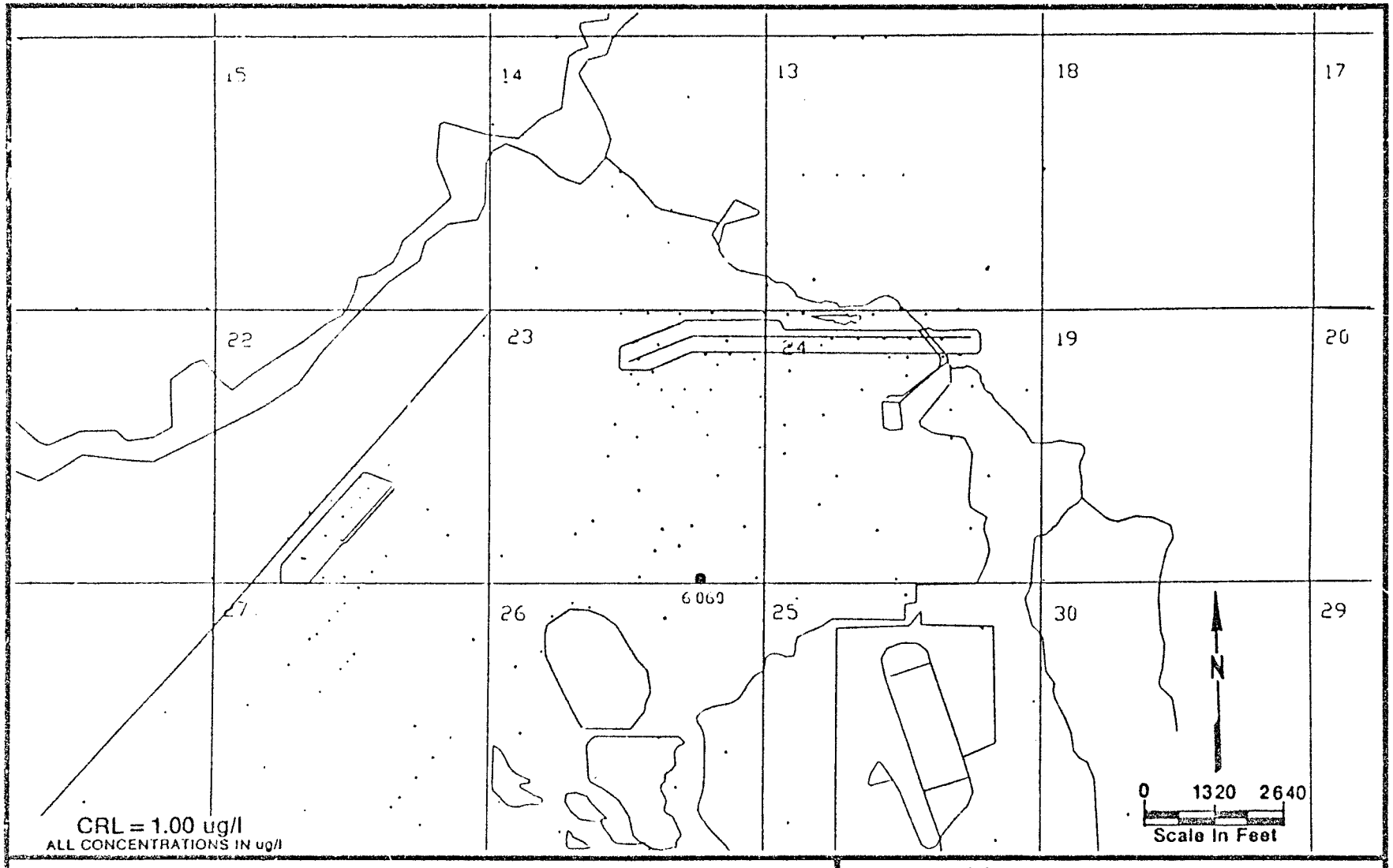


Figure B-93C
THIRD QUARTER, FY 87
1,1,2-TRICHLOROETHANE DETECTIONS
ALLUVIAL AQUIFER
SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

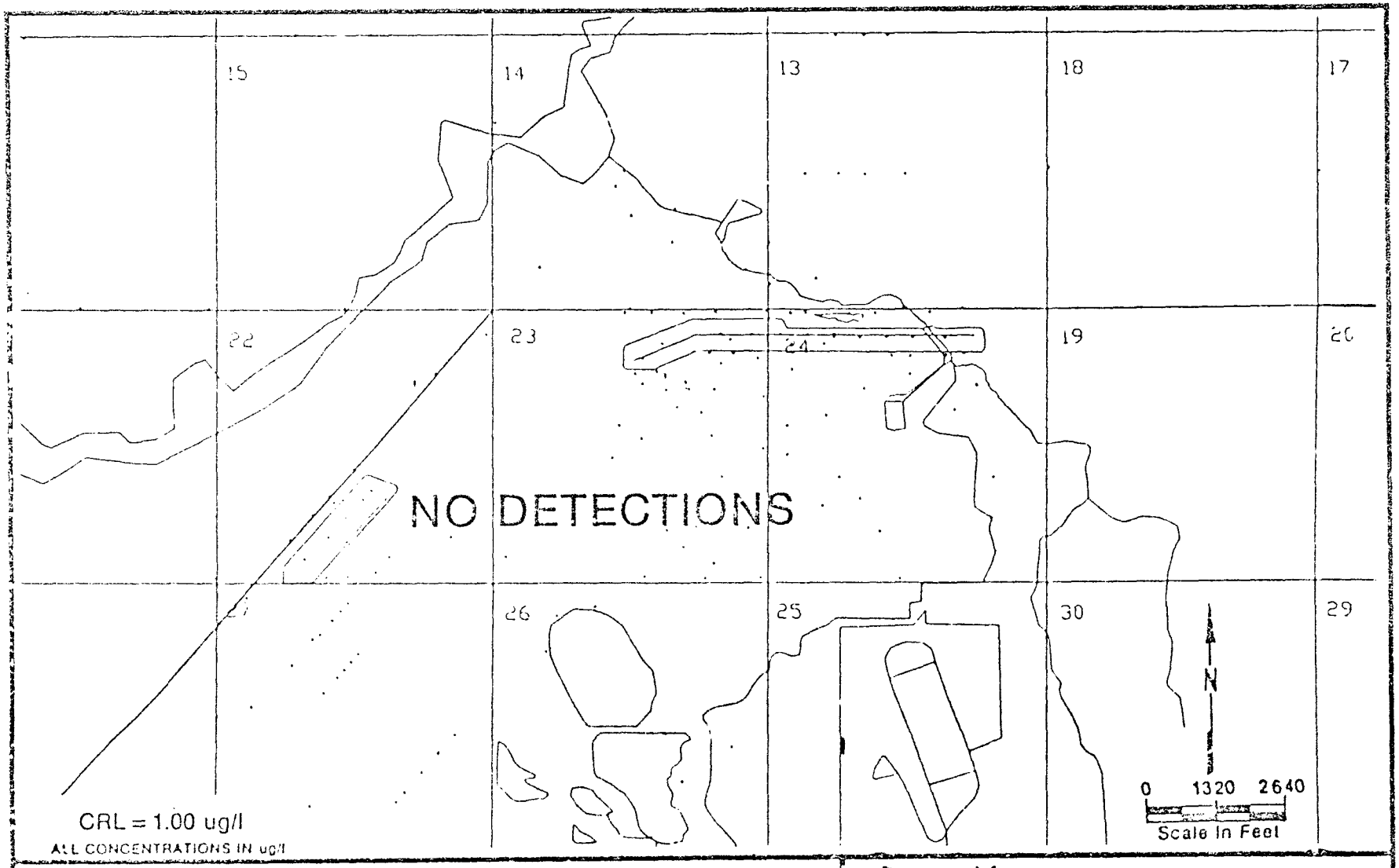


Figure B-93D
FOURTH QUARTER, FY87
1,1,2-TRICHLOROETHANE DETECTIONS
ALLUVIAL AQUIFER
SOURCE ESE: 1988

Prepared for:
U.S. Army Prog .n Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

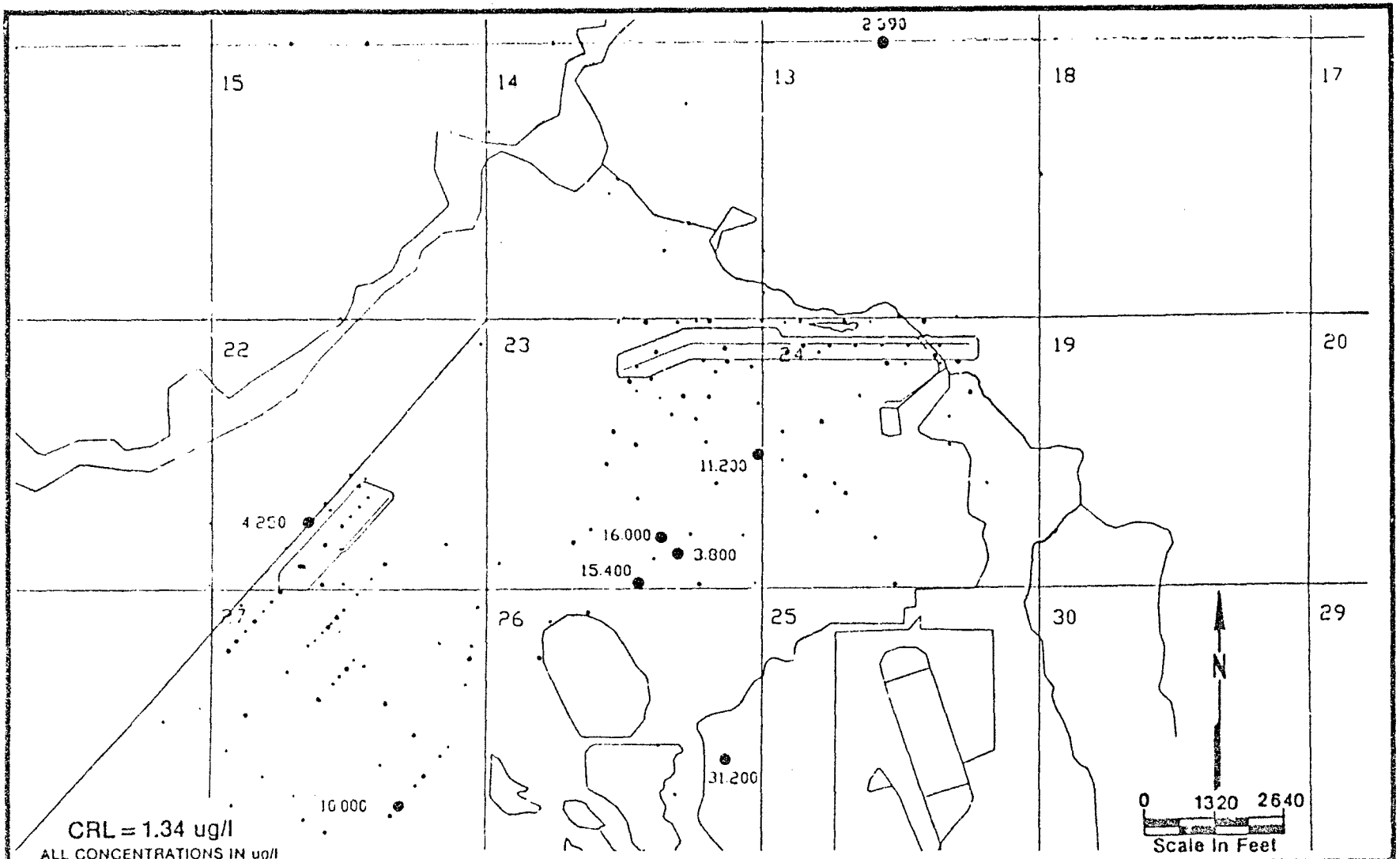


Figure B-94 A
FIRST QUARTER, FY 87
BENZENE DETECTIONS
ALLUVIAL AQUIFER
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

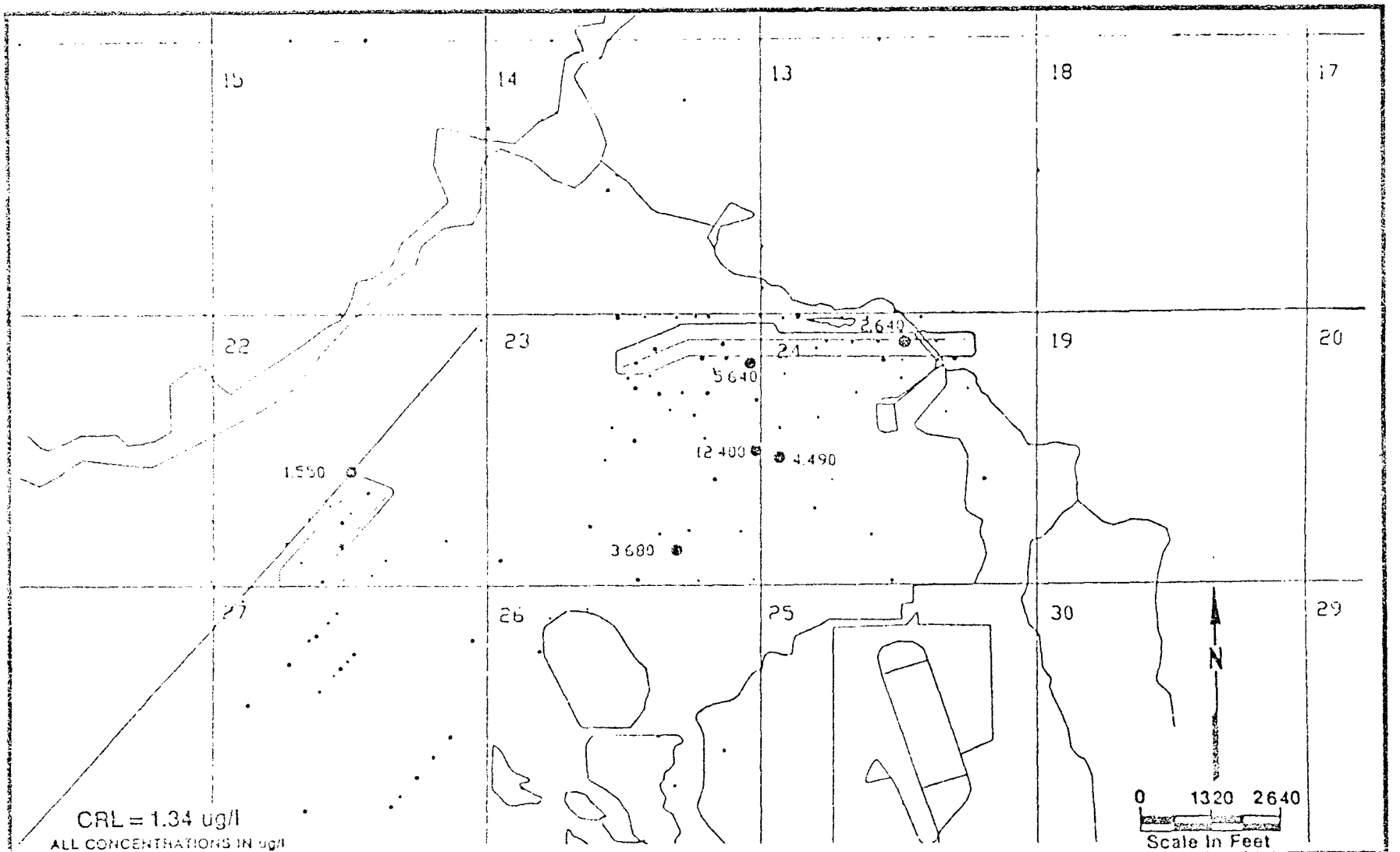


Figure B-94B
SECOND QUARTER FY, 87
BENZENE DETECTIONS (ug/l)
ALLUVIAL AQUIFER
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

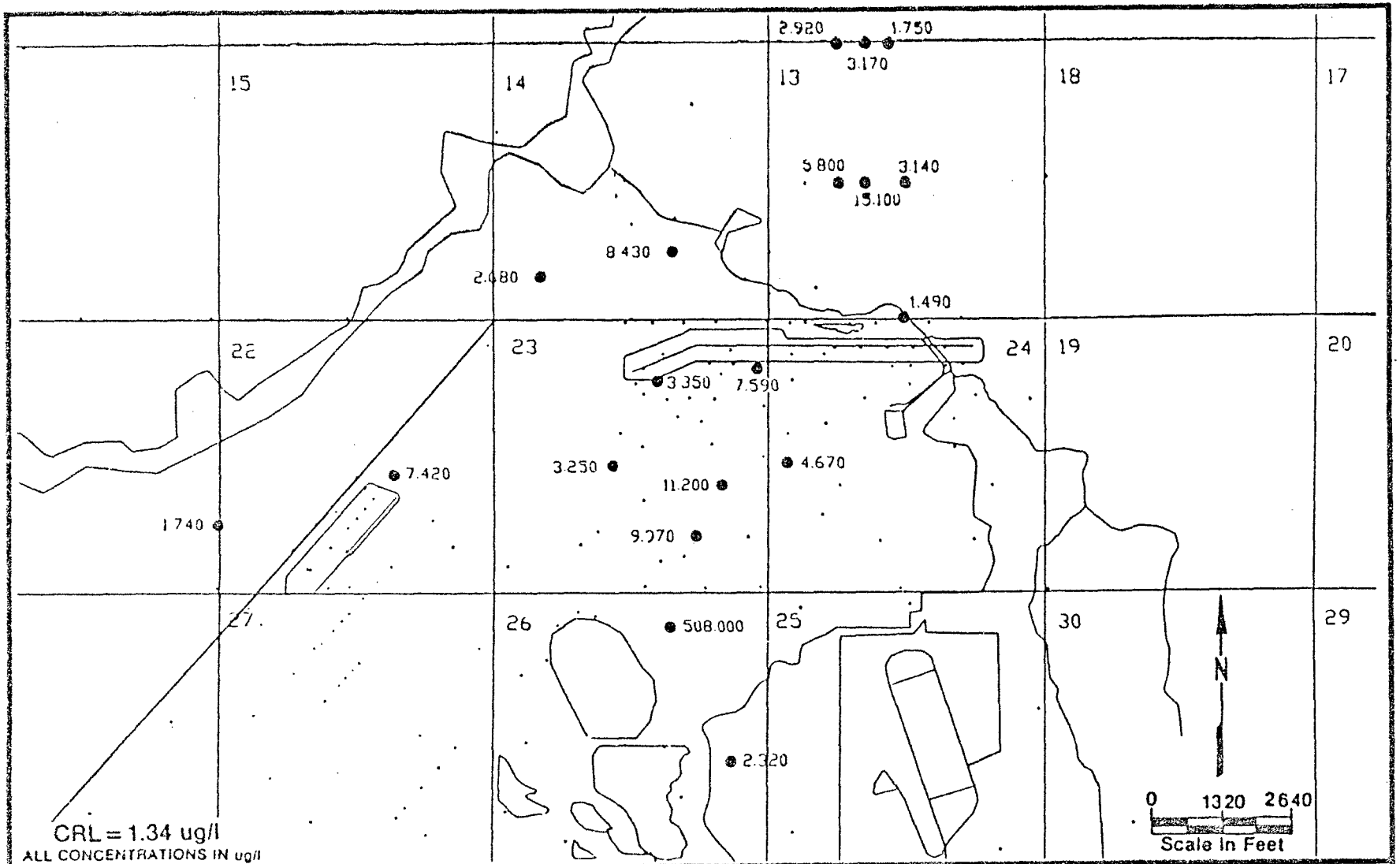


Figure B-94C
THIRD QUARTER, FY87
BENZENE DETECTIONS
ALLUVIAL AQUIFER

SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

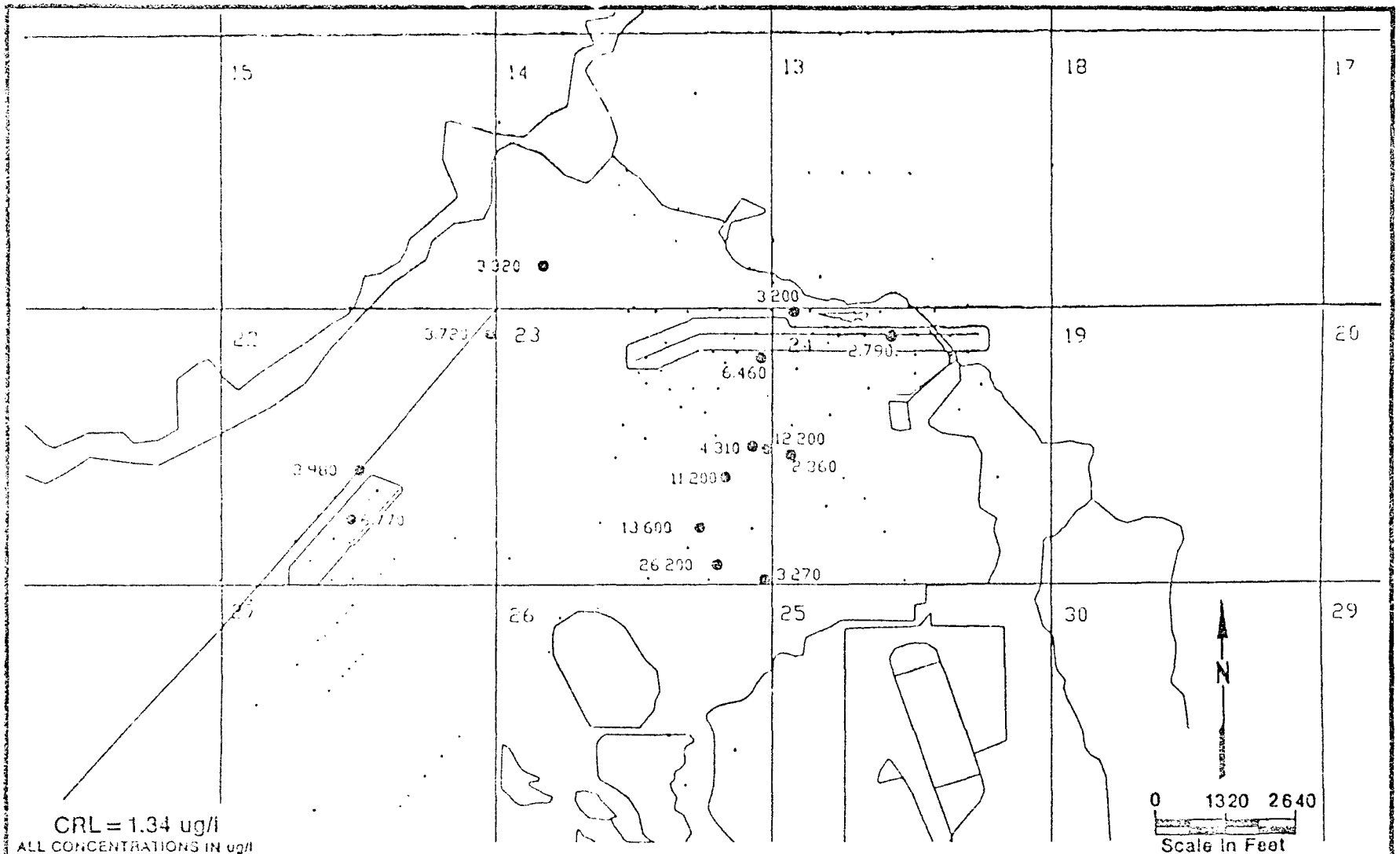


Figure B-94D
FOURTH QUARTER FY, 1987
BENZENE DETECTIONS
ALLUVIAL AQUIFER
SOURCE ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

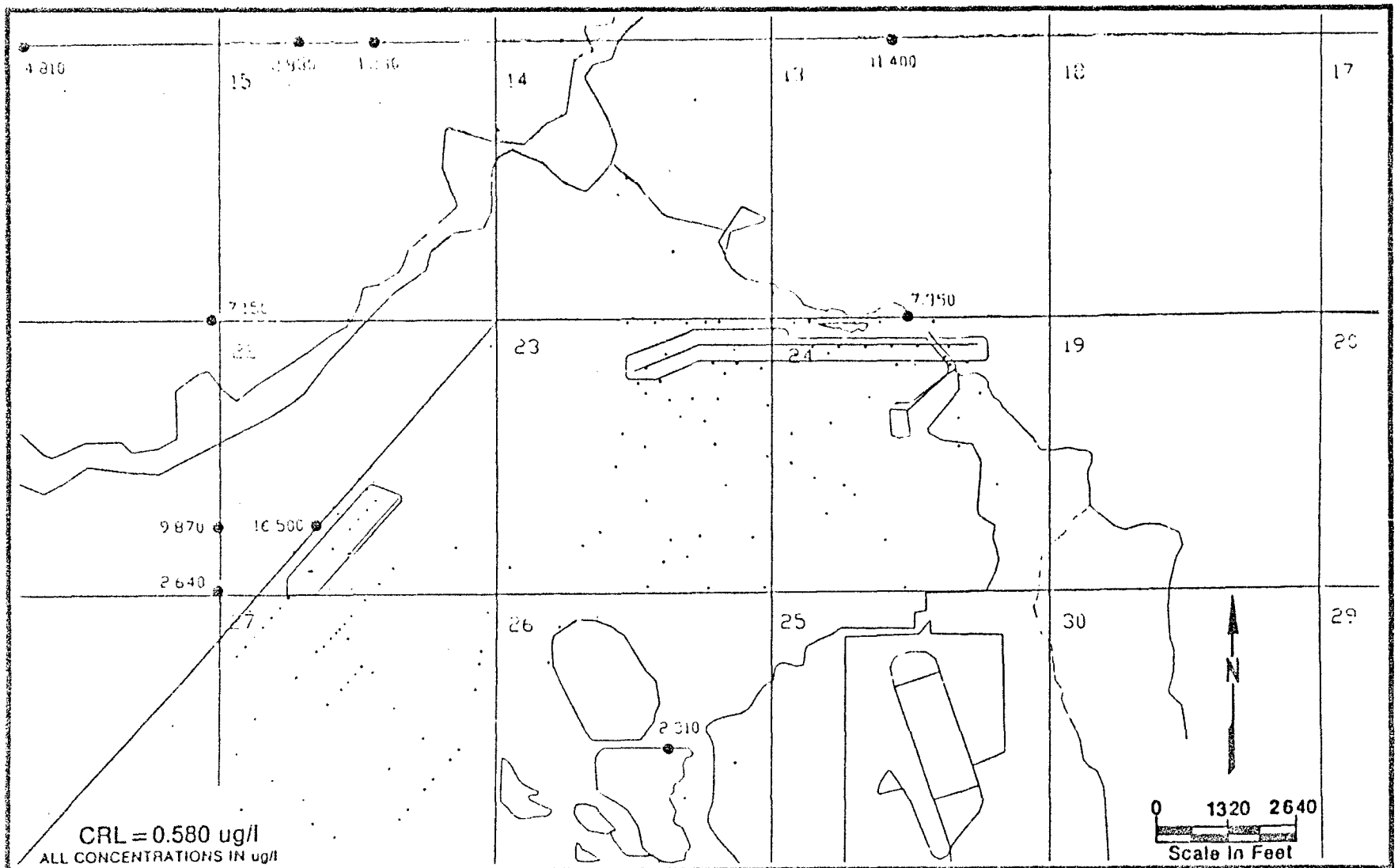


Figure B-95A
FIRST QUARTER, FY87
CHLOROBENZENE DETECTIONS
ALLUVIAL AQUIFER

SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

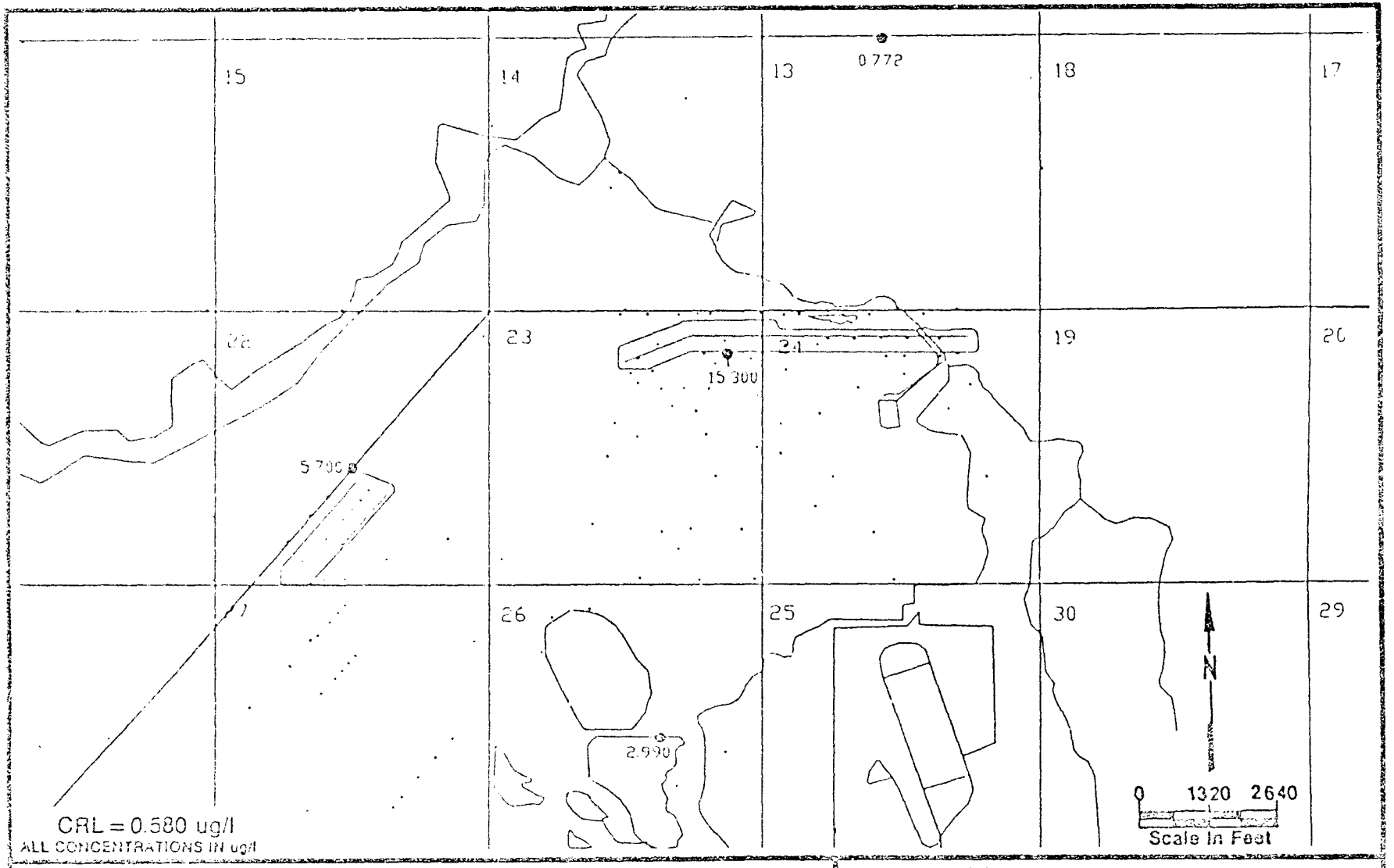


Figure B-95B
SECOND QUARTER, FY 87
CHLOROBENZENE DETECTIONS
ALLUVIAL AQUIFER
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

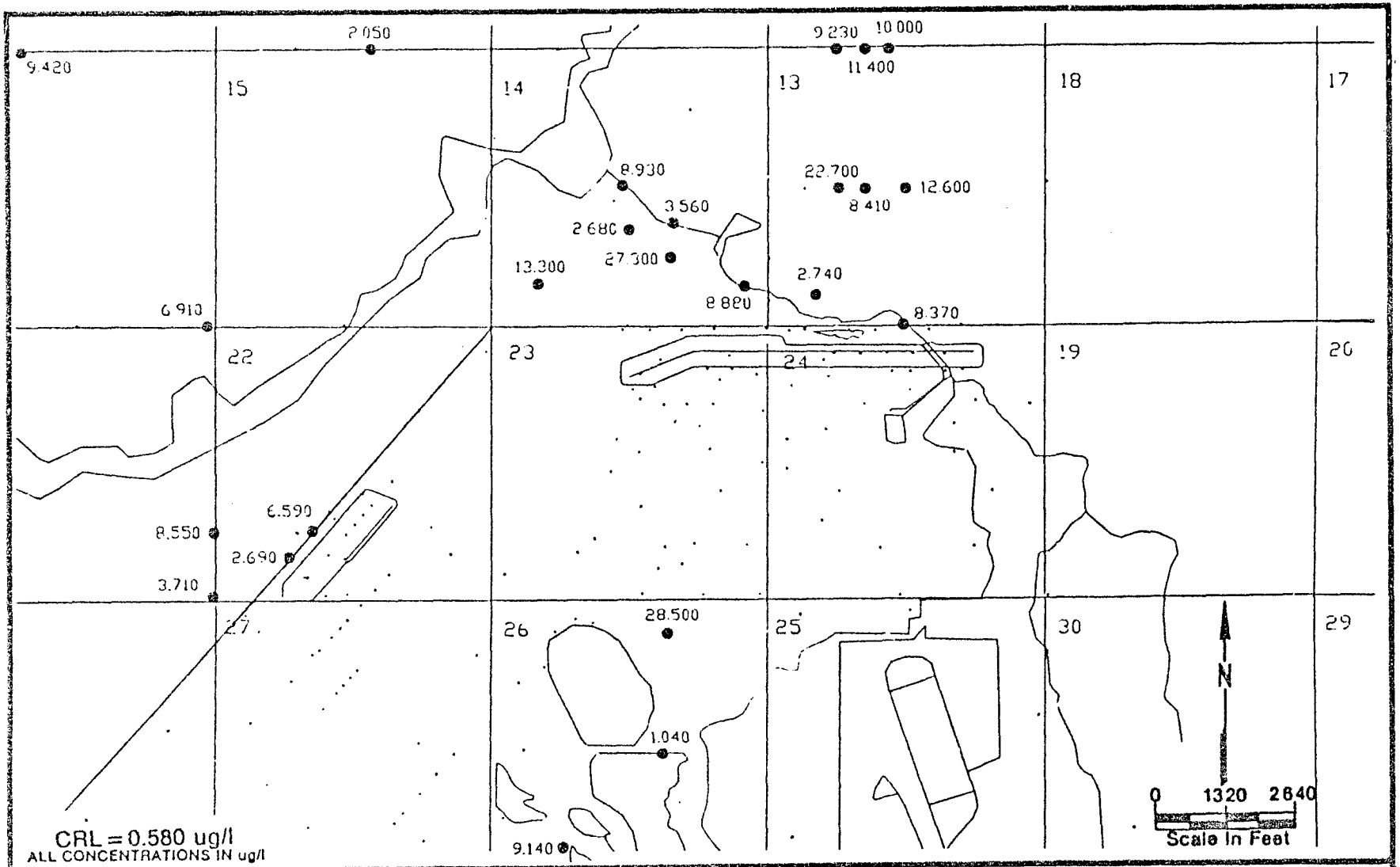


Figure B-95C
THIRD QUARTER, FY87
CHLOROBENZENE DETECTIONS
ALLUVIAL AQUIFER
SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

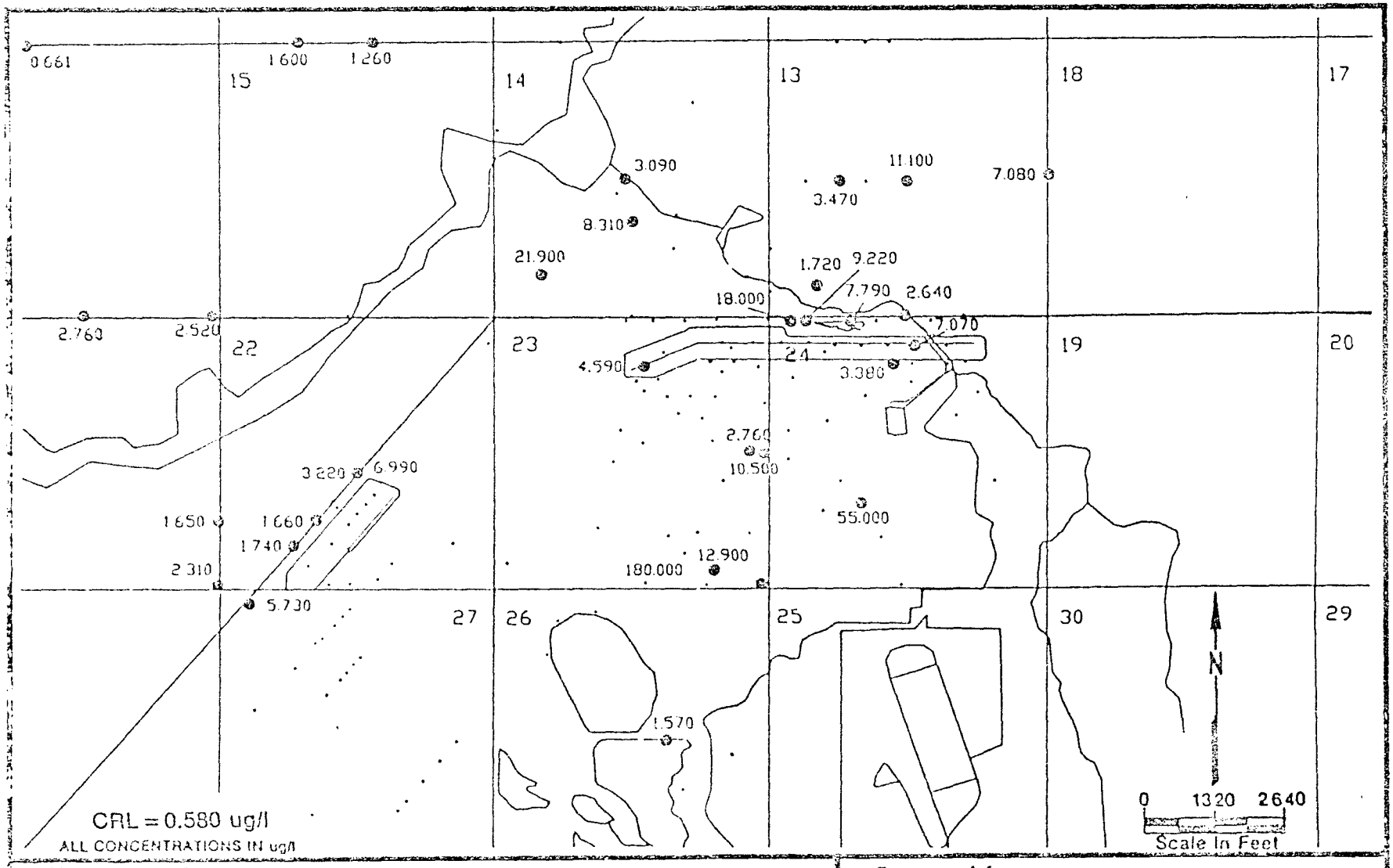


Figure B- 95D
FOURTH QUARTER, FY87
CHLOROBENZENE DETECTIONS
ALLUVIAL AQUIFER
SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

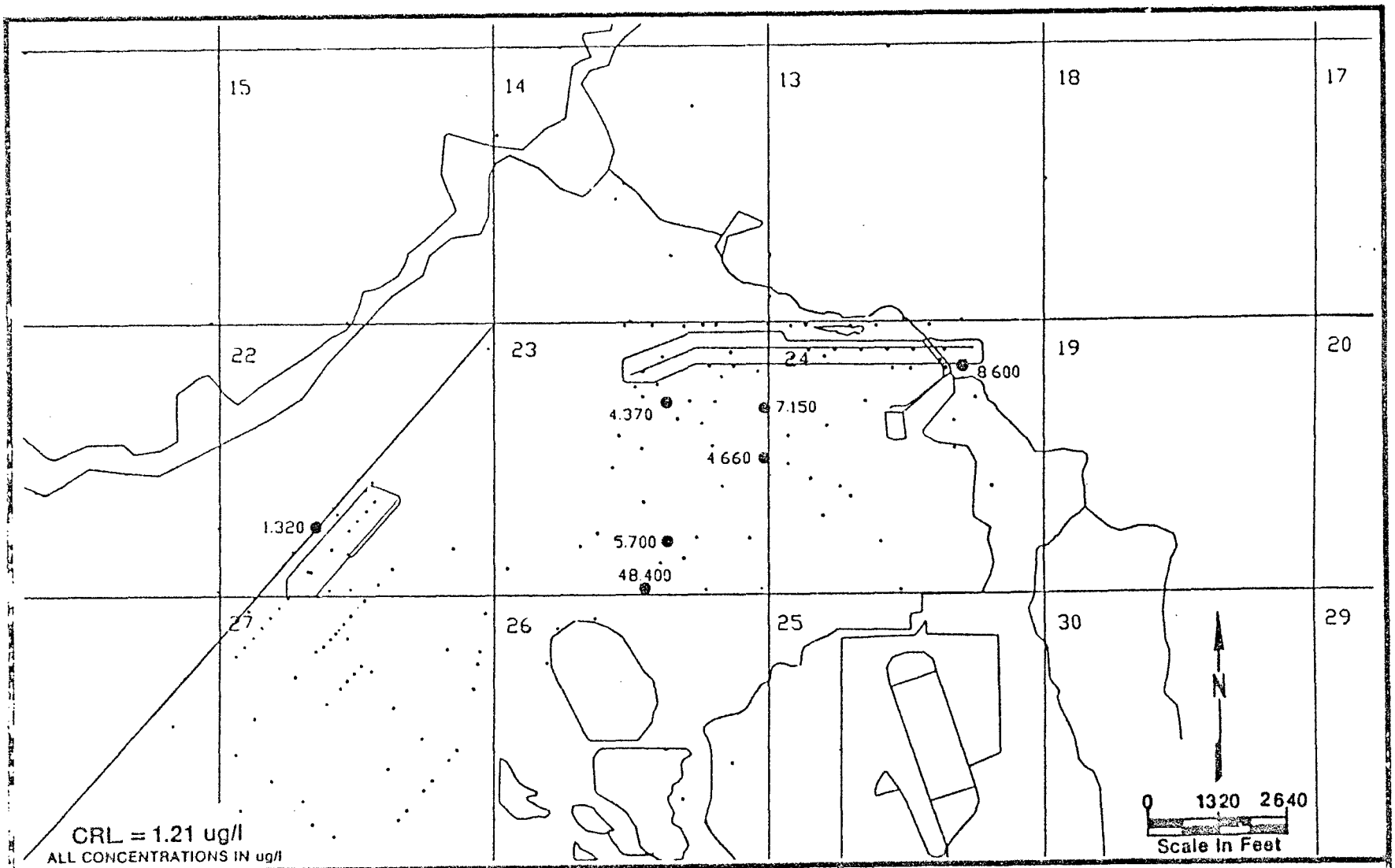


Figure B-96A
FIRST QUARTER, FY87
TOLUENE DETECTIONS
ALLUVIAL AQUIFER
SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

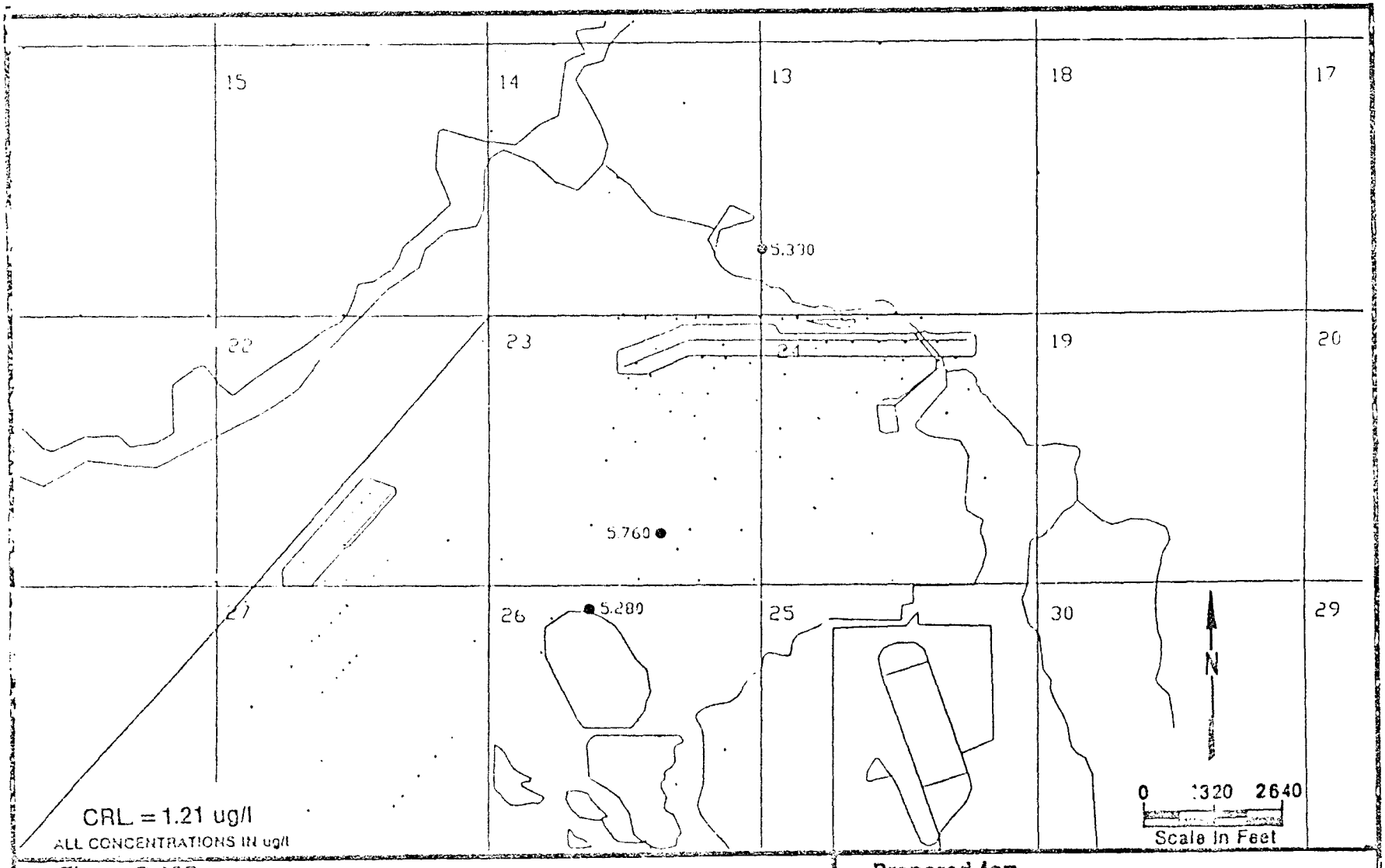


Figure B-98B
SECOND QUARTER, FY87
TOLUENE DETECTIONS
ALLUVIAL AQUIFER
SOURCE ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

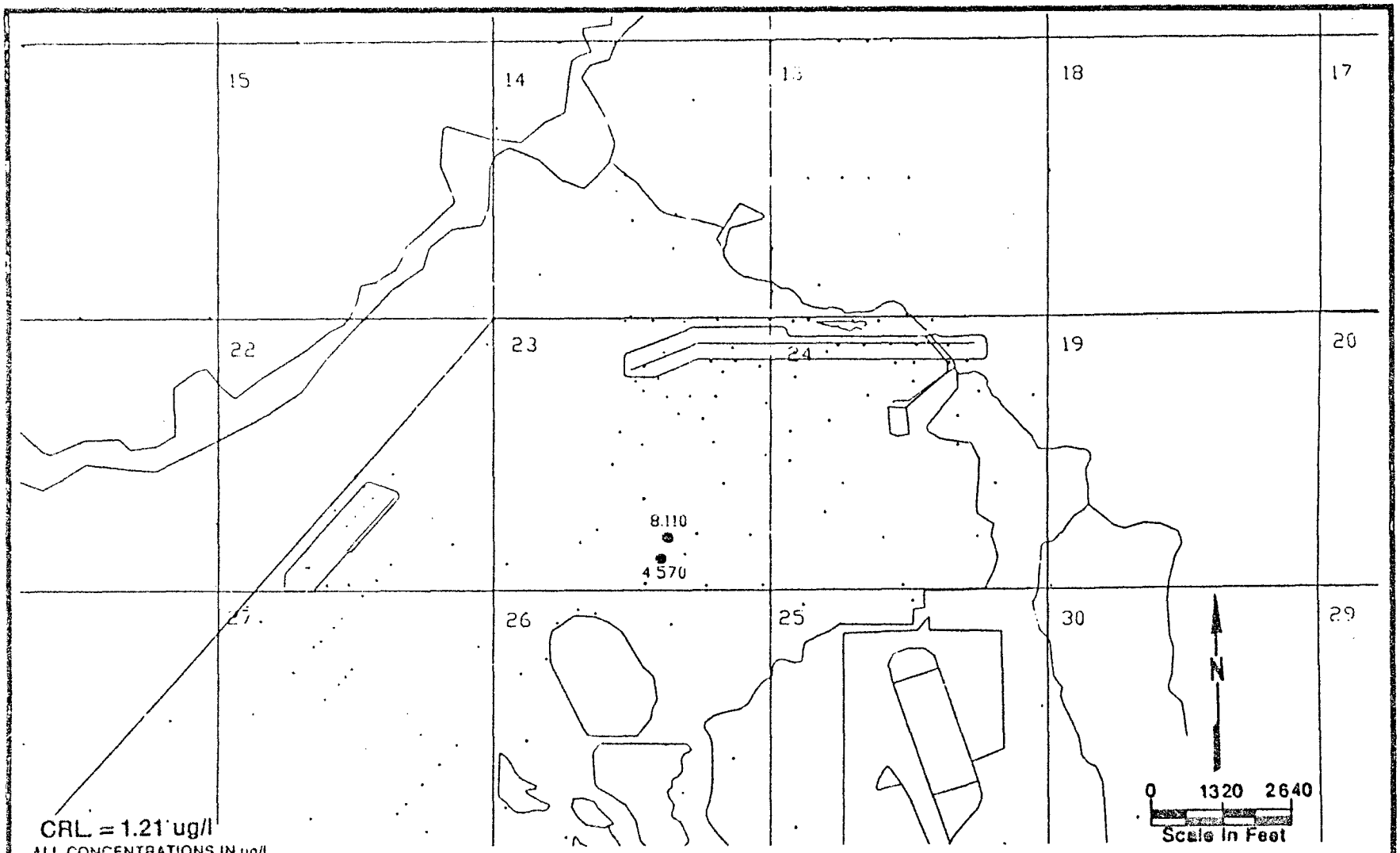


Figure B-96C
THIRD QUARTER, FY87
TOLUENE DETECTIONS
ALLUVIAL AQUIFER
SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

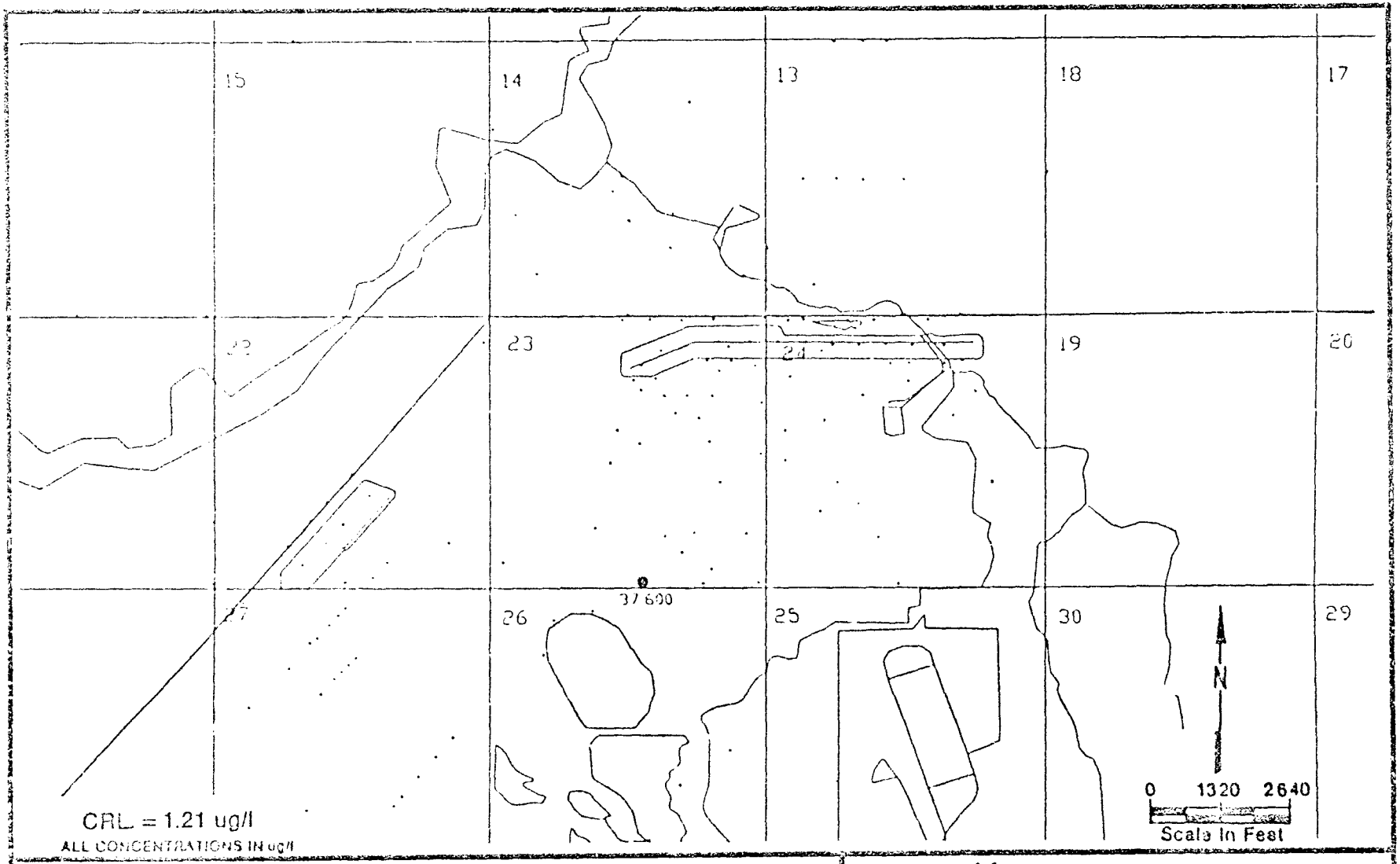


Figure B-98D
FOURTH QUARTER FY 87
TOLUENE DETECTIONS
ALLUVIAL AQUIFER
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

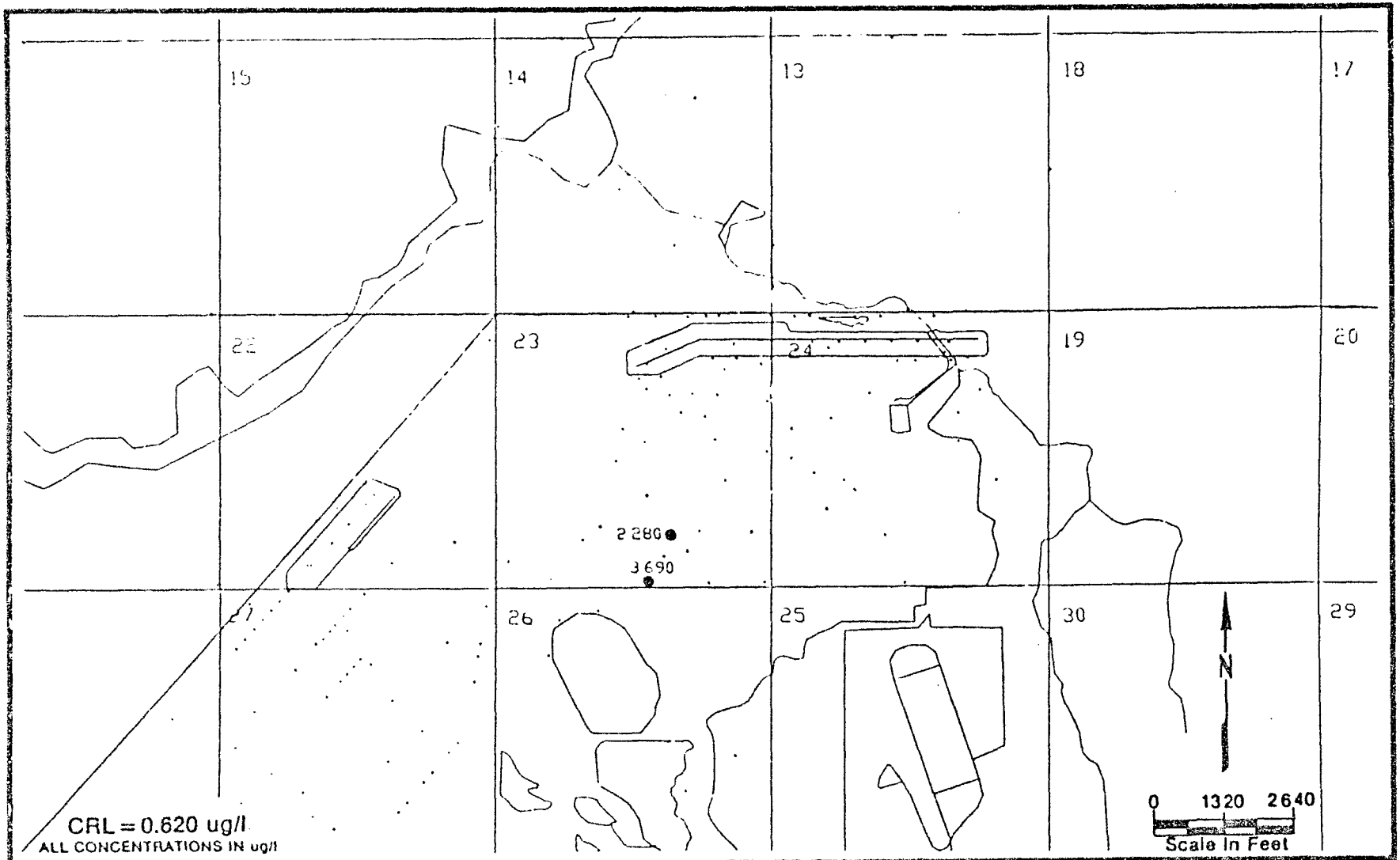


Figure B-97A
FIRST QUARTER, FY87
ETHYLBENZENE DETECTIONS
ALLUVIAL AQUIFER

SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

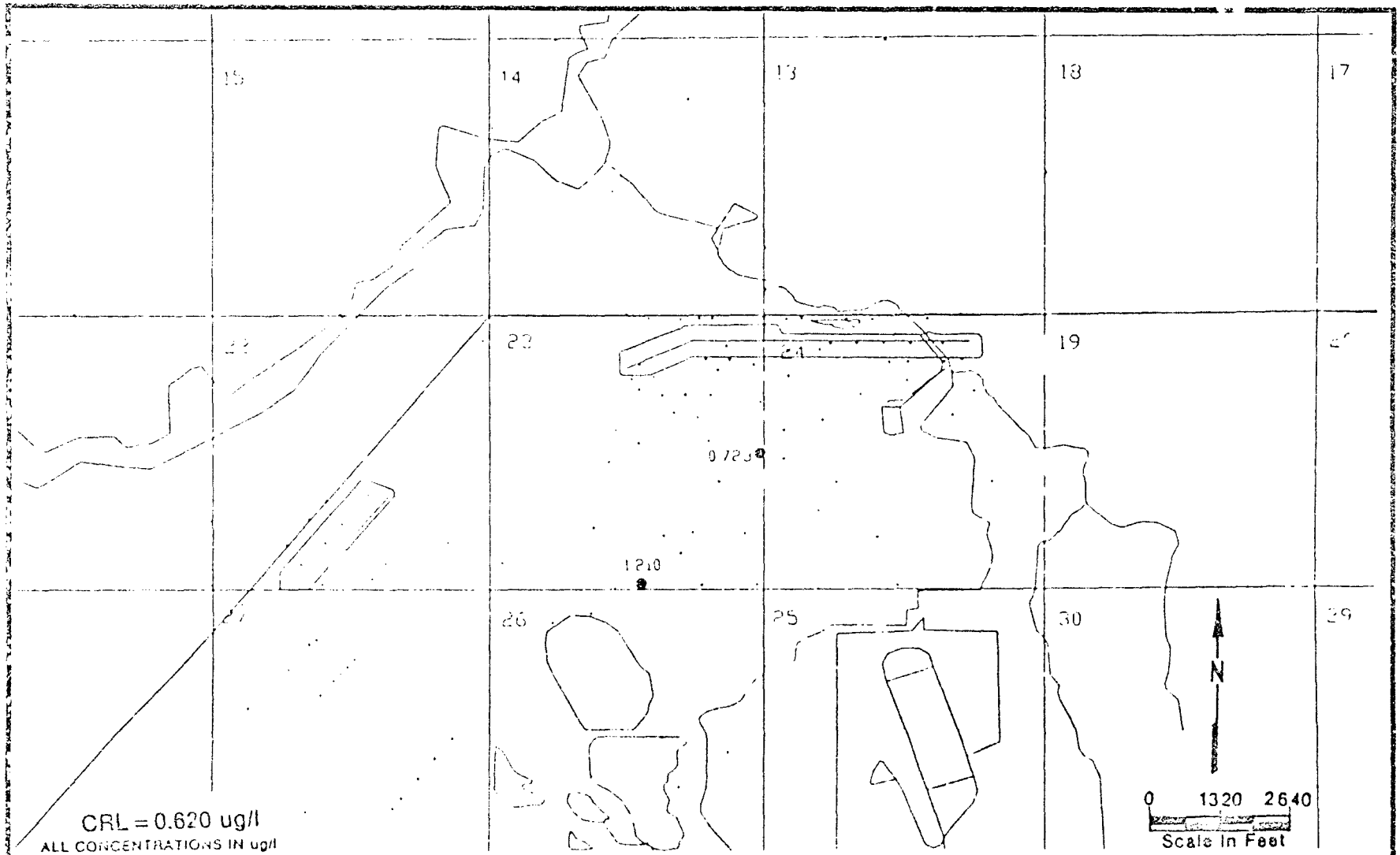


Figure B-979
SECOND QUARTER, FY87
ETHYLBENZENE DETECTIONS
ALLUVIAL AQUIFER
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

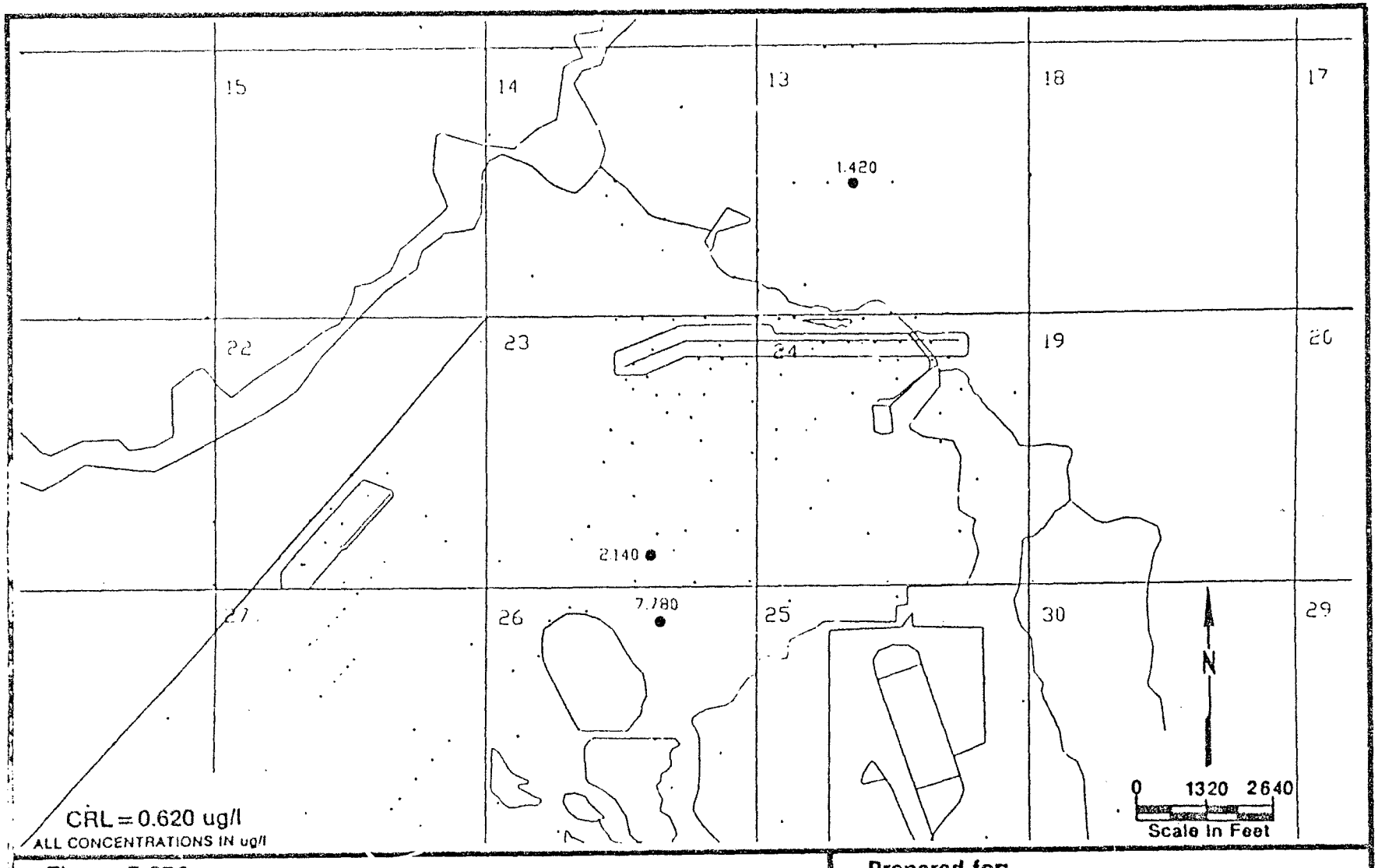


Figure B-97C
THIRD QUARTER, FY87
ETHYLBENZENE DETECTIONS
ALLUVIAL AQUIFER
SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

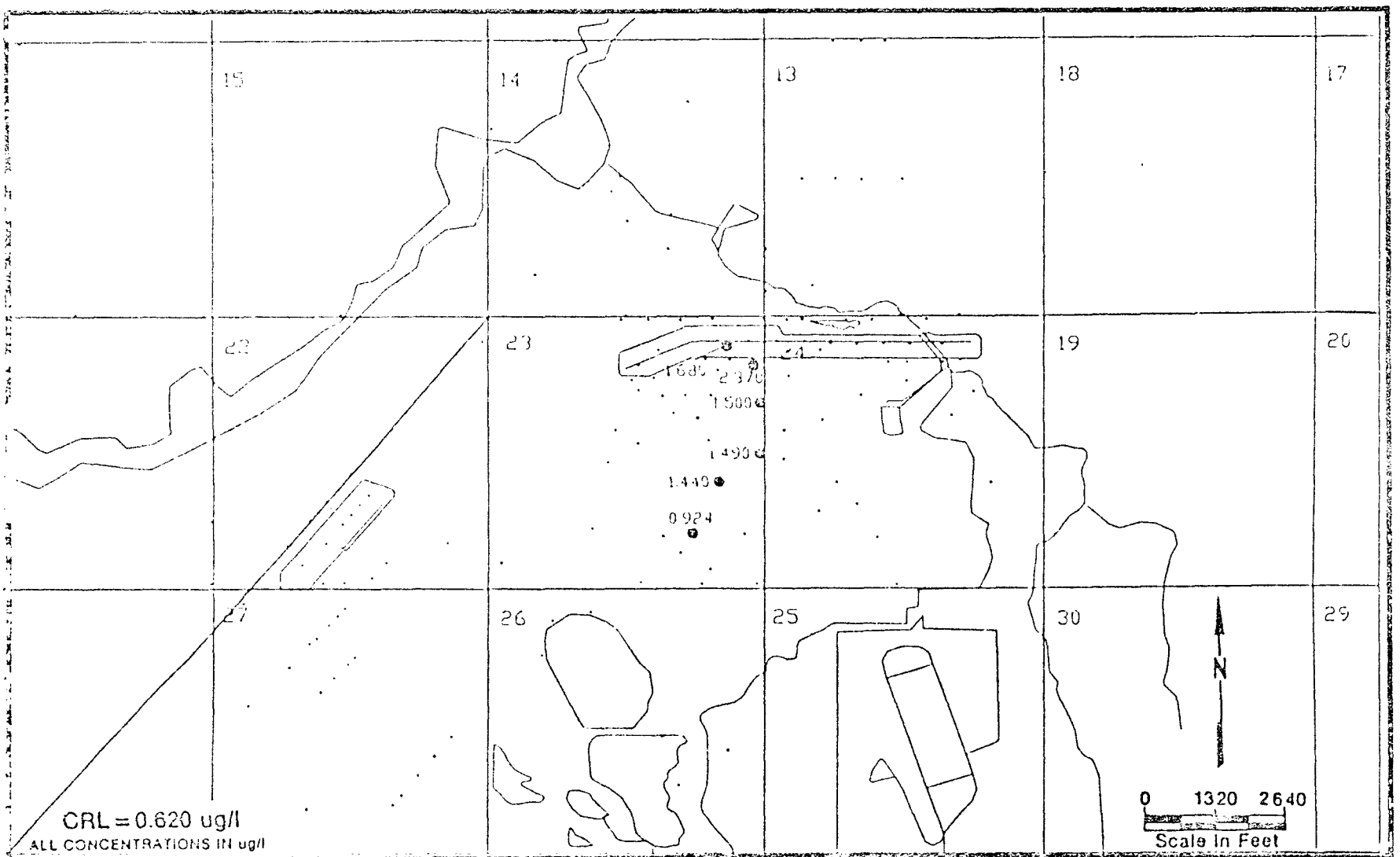


Figure B-97D
FOURTH QUARTER, FY87
ETHYLBENZENE DETECTIONS
ALLUVIAL AQUIFER
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

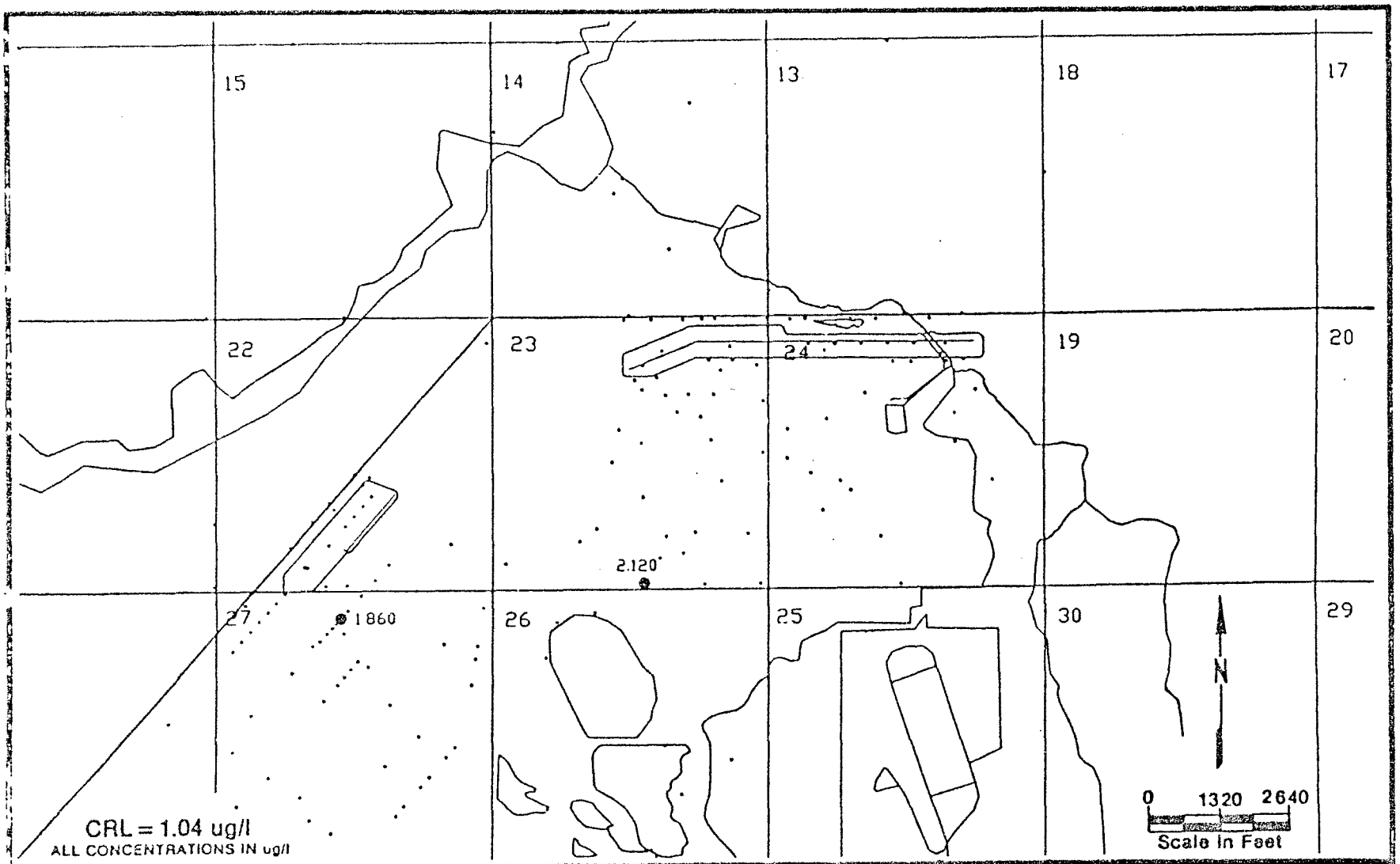


Figure B-98A
FIRST QUARTER, FY87
M-XYLENE DETECTIONS
ALLUVIAL AQUIFER
SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

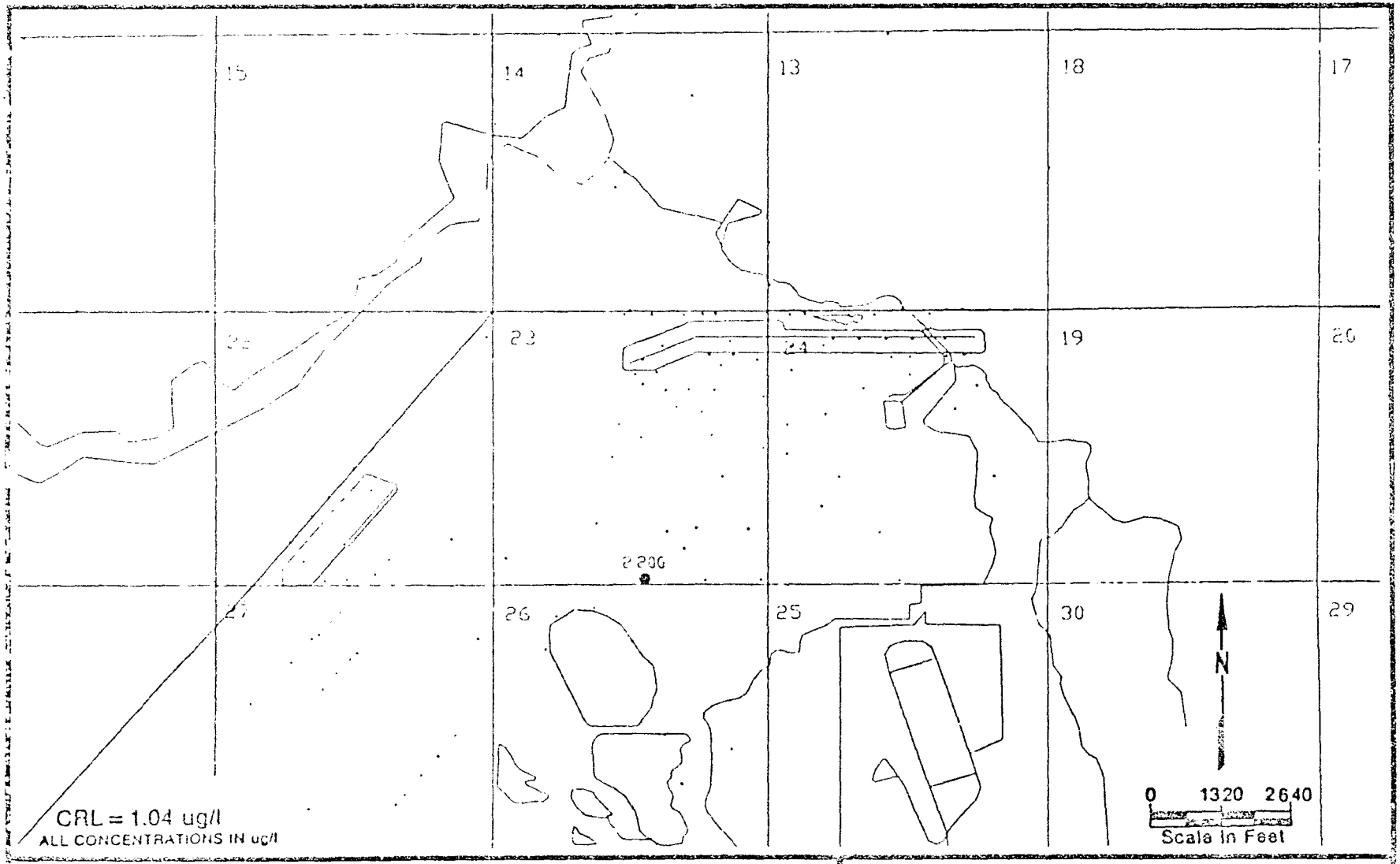


Figure B-88
SECOND QUARTER, FY87
M-XYLENE DETECTIONS
ALLUVIAL AQUIFER
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

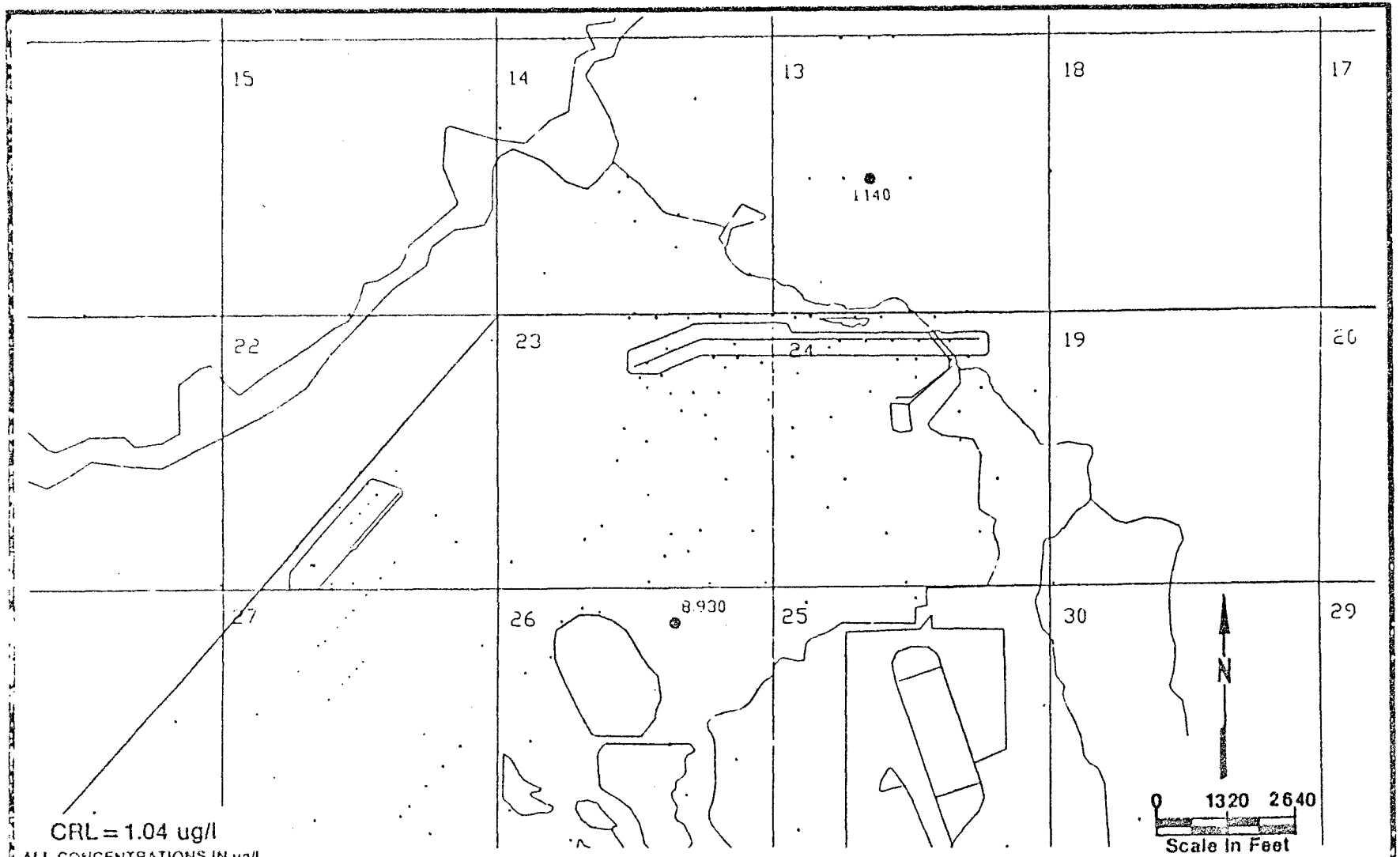


Figure B-98C
THIRD QUARTER, FY87
M-XYLENE DETECTIONS
ALLUVIAL AQUIFER
SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

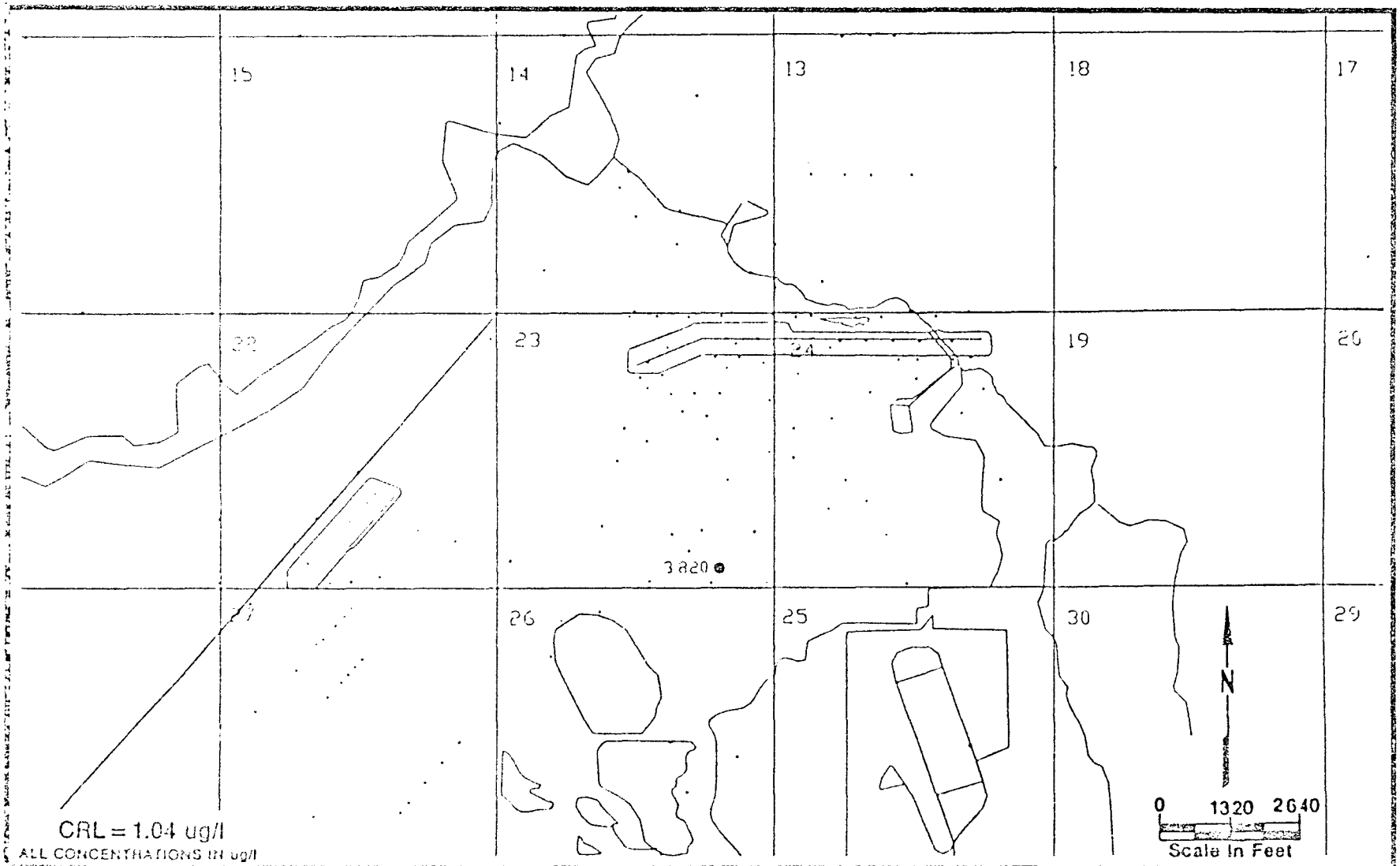


Figure B-98D
FOURTH QUARTER, FY87
M-XYLENE DETECTIONS
ALLUVIAL AQUIFER
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

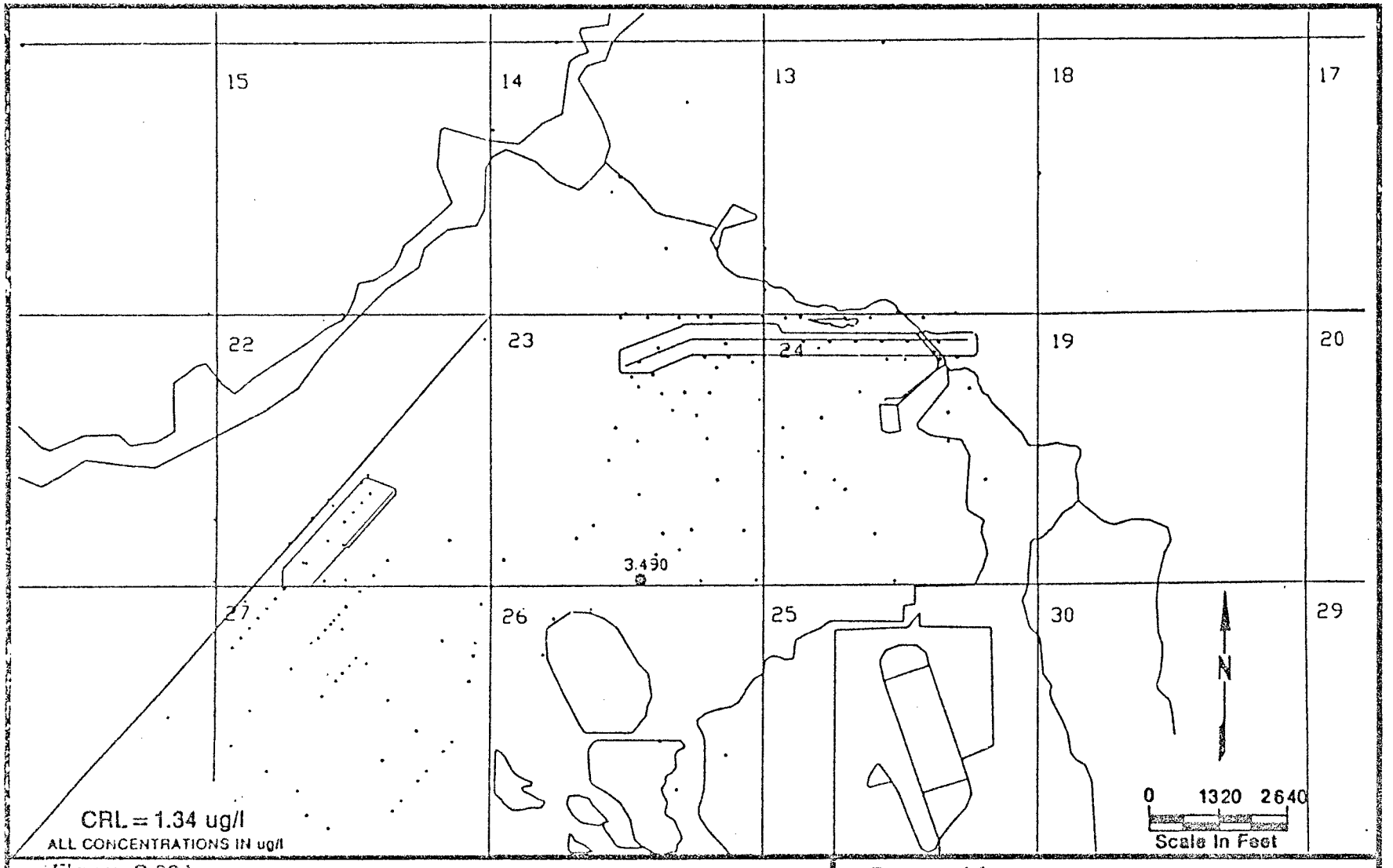


Figure B-99A
FIRST QUARTER, FY 87
O and/or P-XYLENE DETECTIONS
ALLUVIAL AQUIFER
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

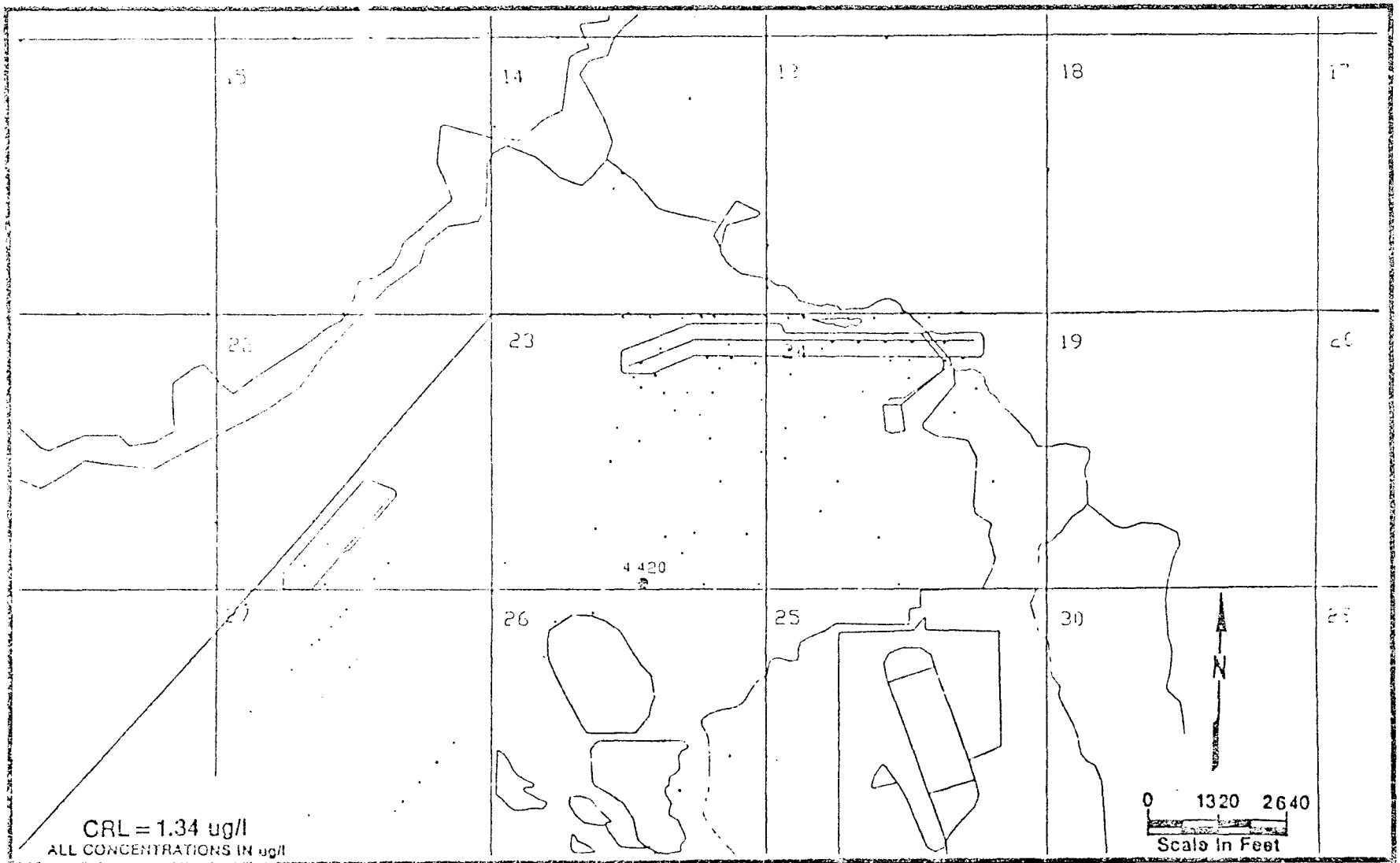


Figure B-99B
SECOND QUARTER, FY87
O and/or P-XYLENE DETECTIONS
ALLUVIAL AQUIFER
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

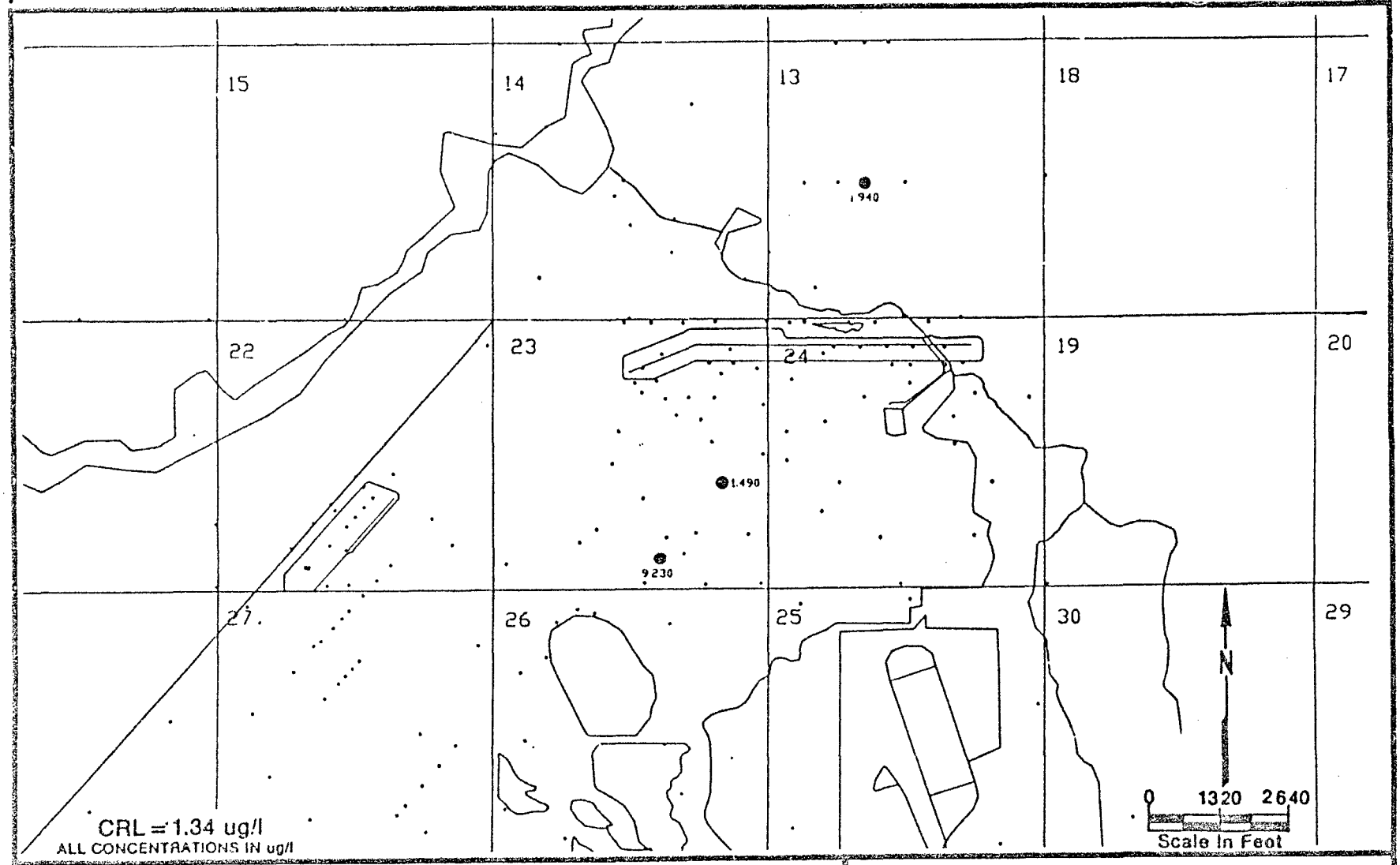


Figure B-99C
THIRD QUARTER, FY87
O and/or P-XYLENE DETECTIONS
ALLUVIAL AQUIFER

SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

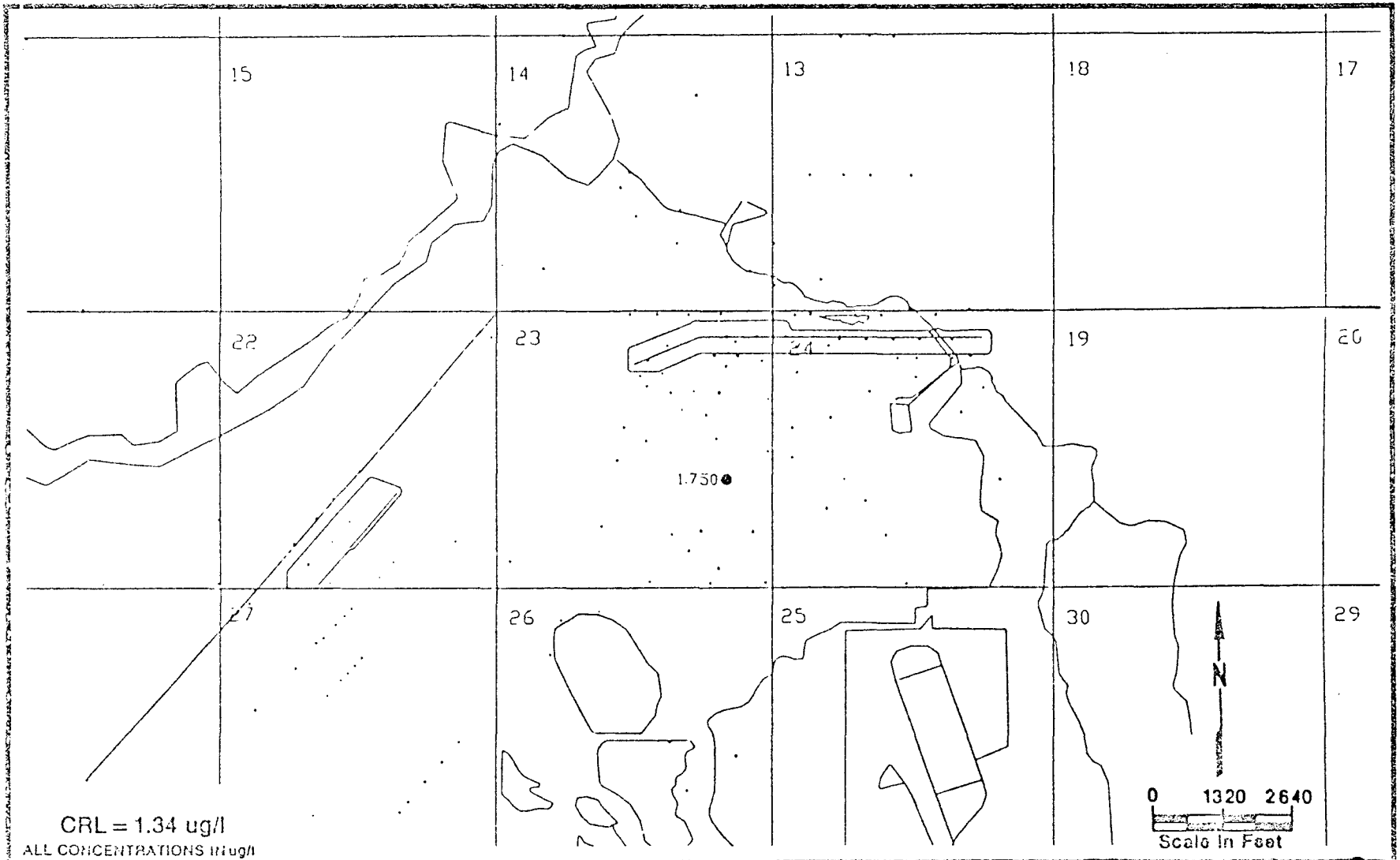


Figure B-99D
FOURTH QUARTER, FY87
O and/or P-XLENE DETECTIONS
ALLUVIAL AQUIFER
SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

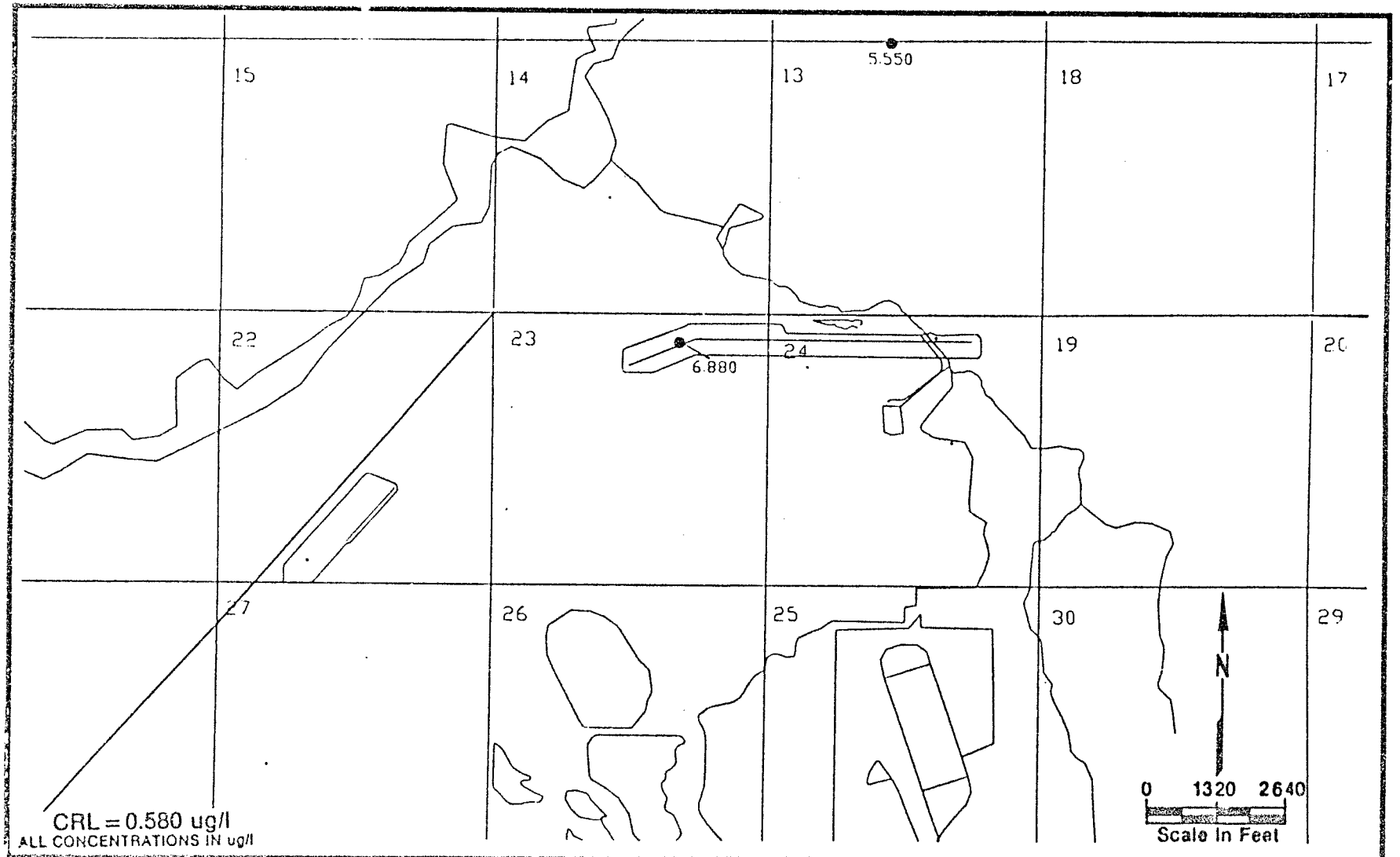


Figure B-100A
FIRST QUARTER, FY87
CHLOROBENZENE DETECTIONS, SAND 4
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

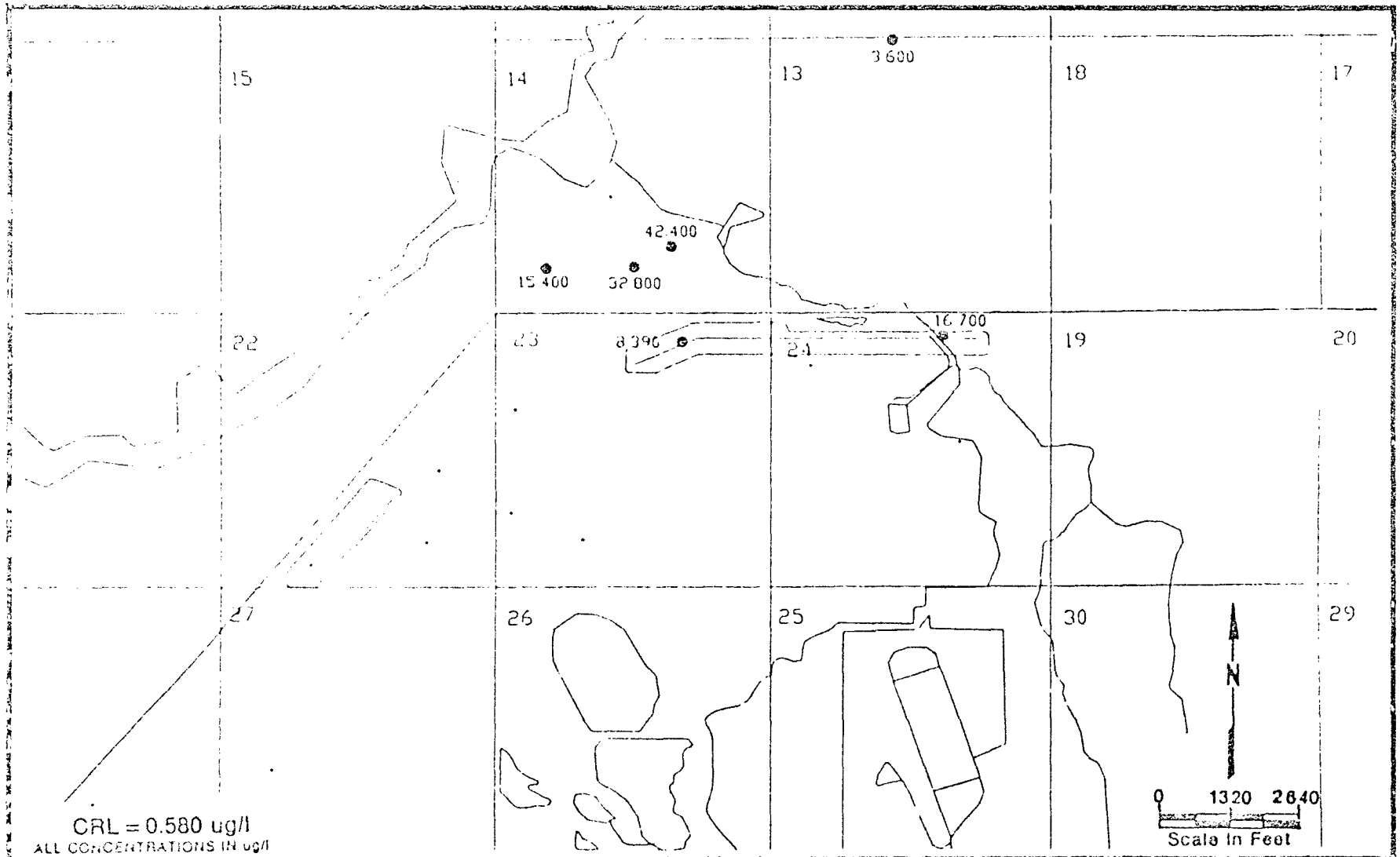


Figure B-100B
THIRD QUARTER FY87
CHLOROBENZENE DETECTIONS, SAND 4
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

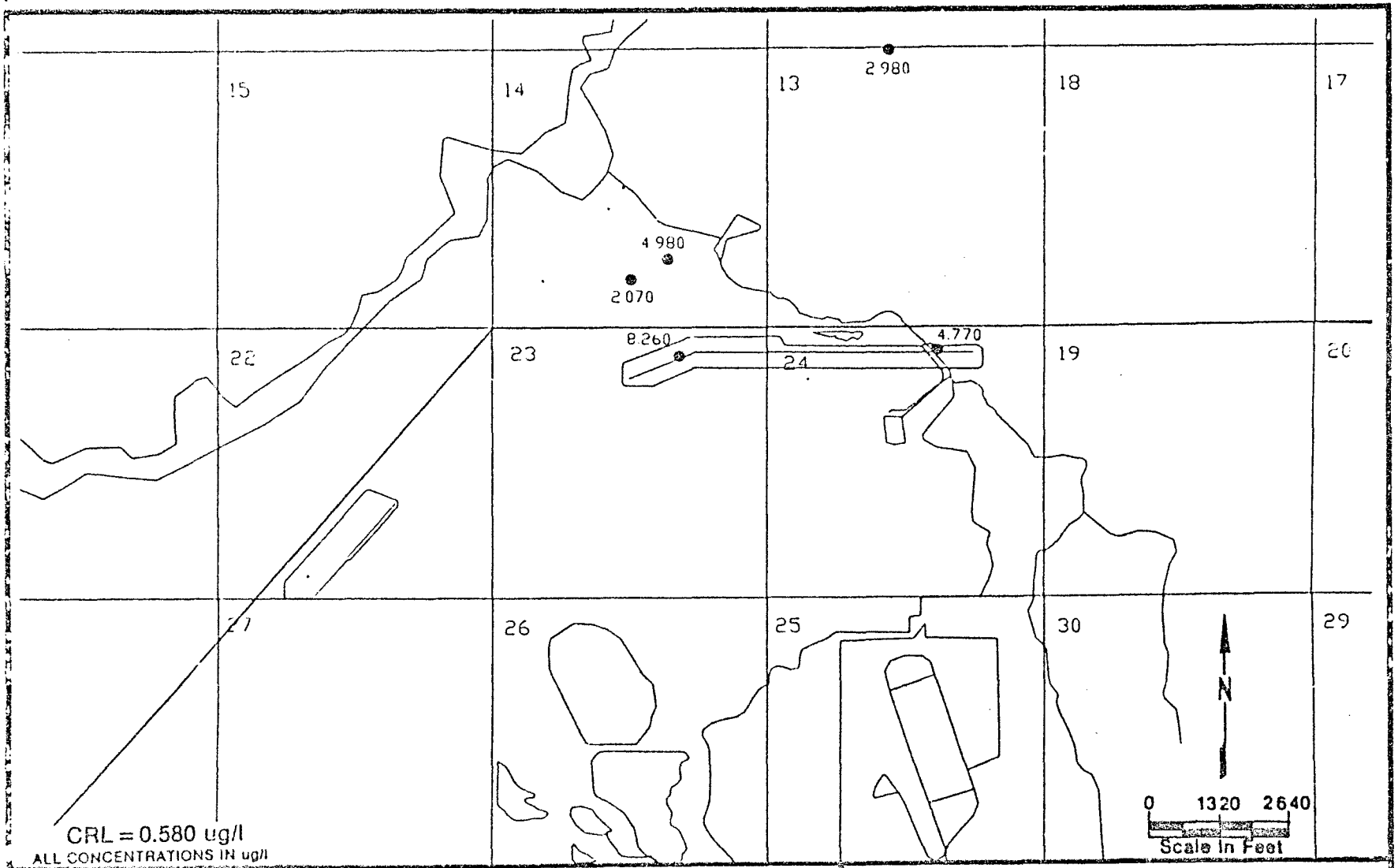


Figure B-100C
FOURTH QUARTER, FY87
CHLOROBENZENE DETECTIONS, SAND 4
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

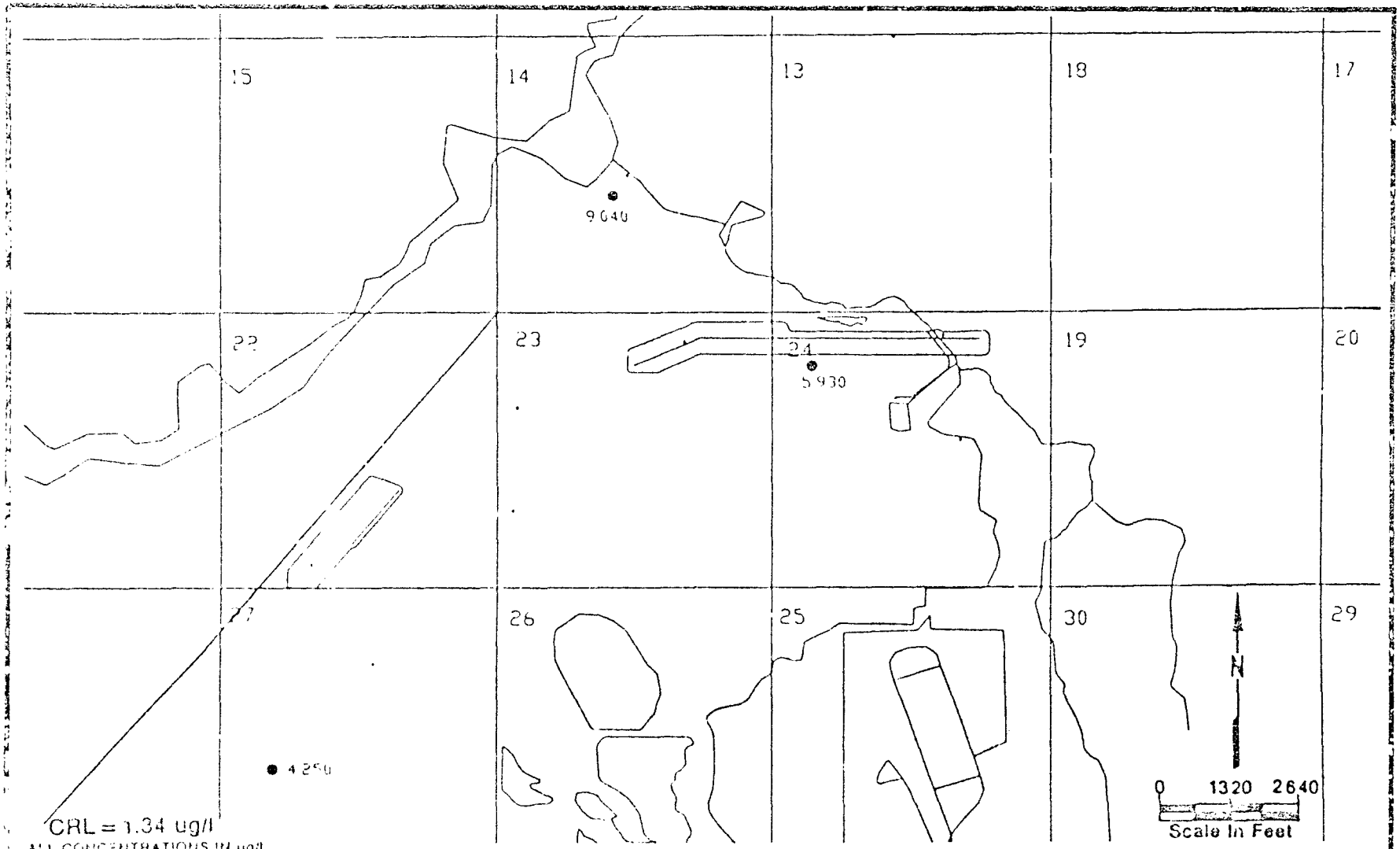


Figure B-101A
FIRST QUARTER, FY87
BENZENE DETECTIONS, SAND 4
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

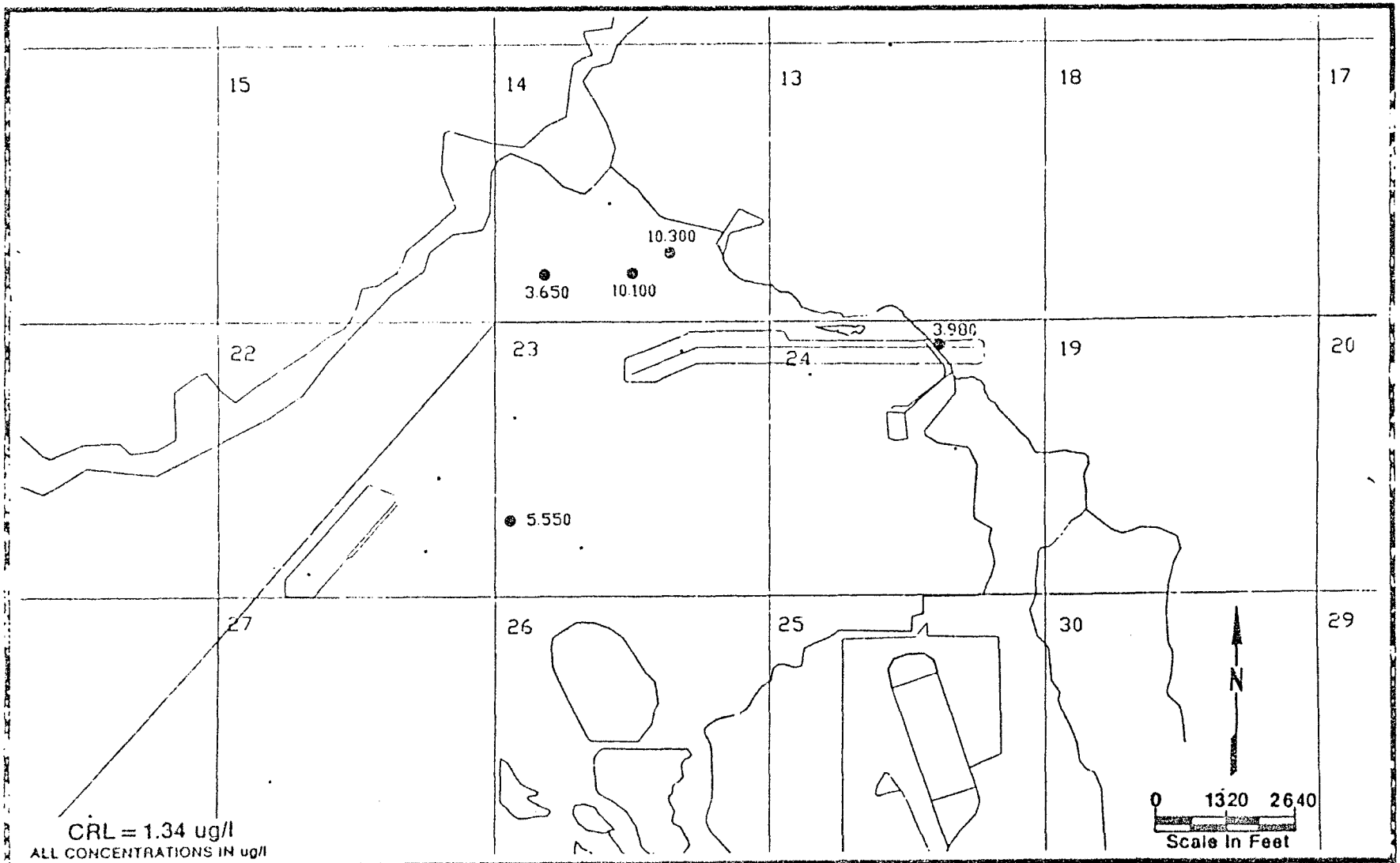


Figure B-101B
THIRD QUARTER, FY87
BENZENE DETECTIONS, SAND 4
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

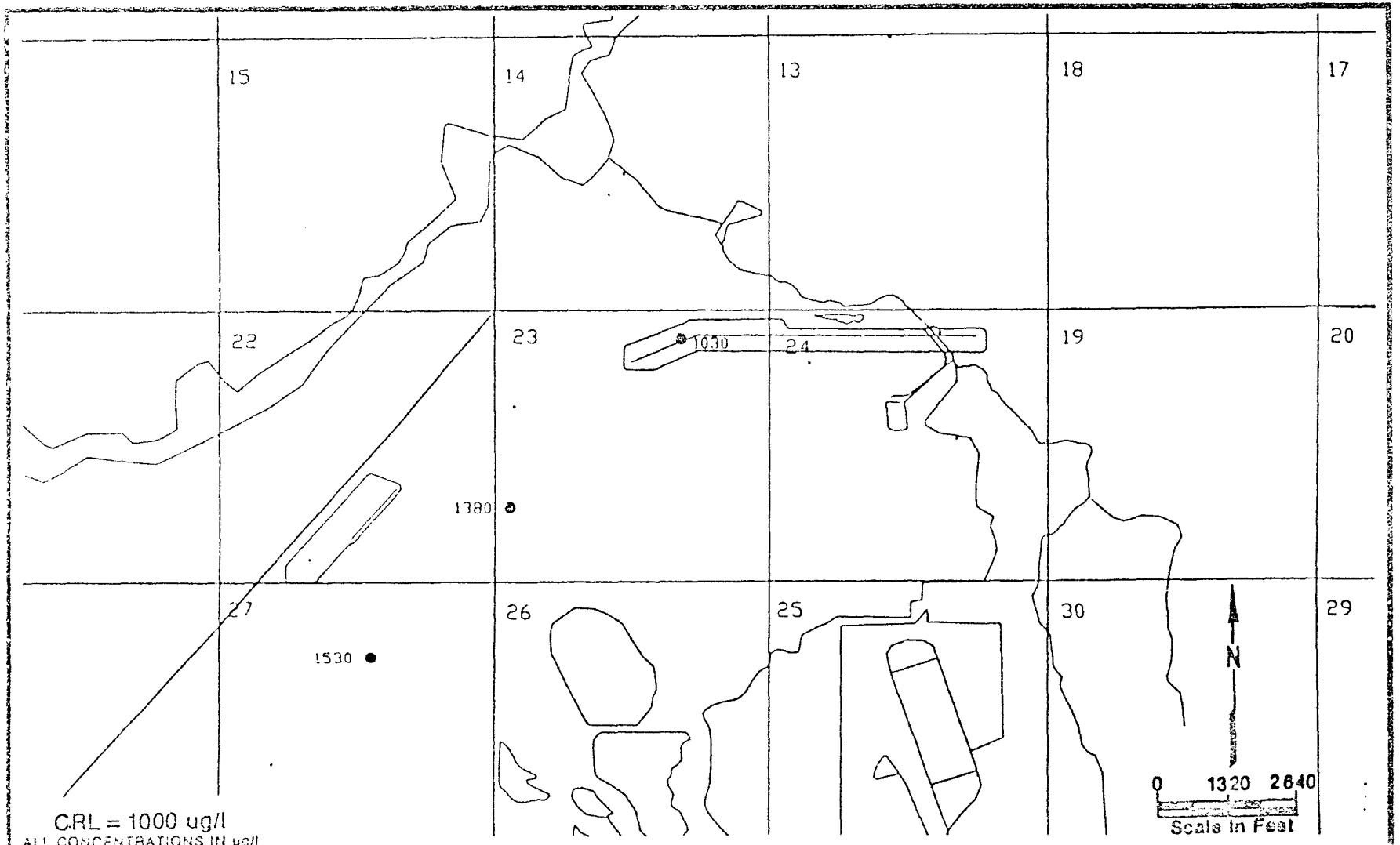


Figure B-102A
FIRST QUARTER, FY87
FLUORIDE DETECTIONS, SAND 4
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

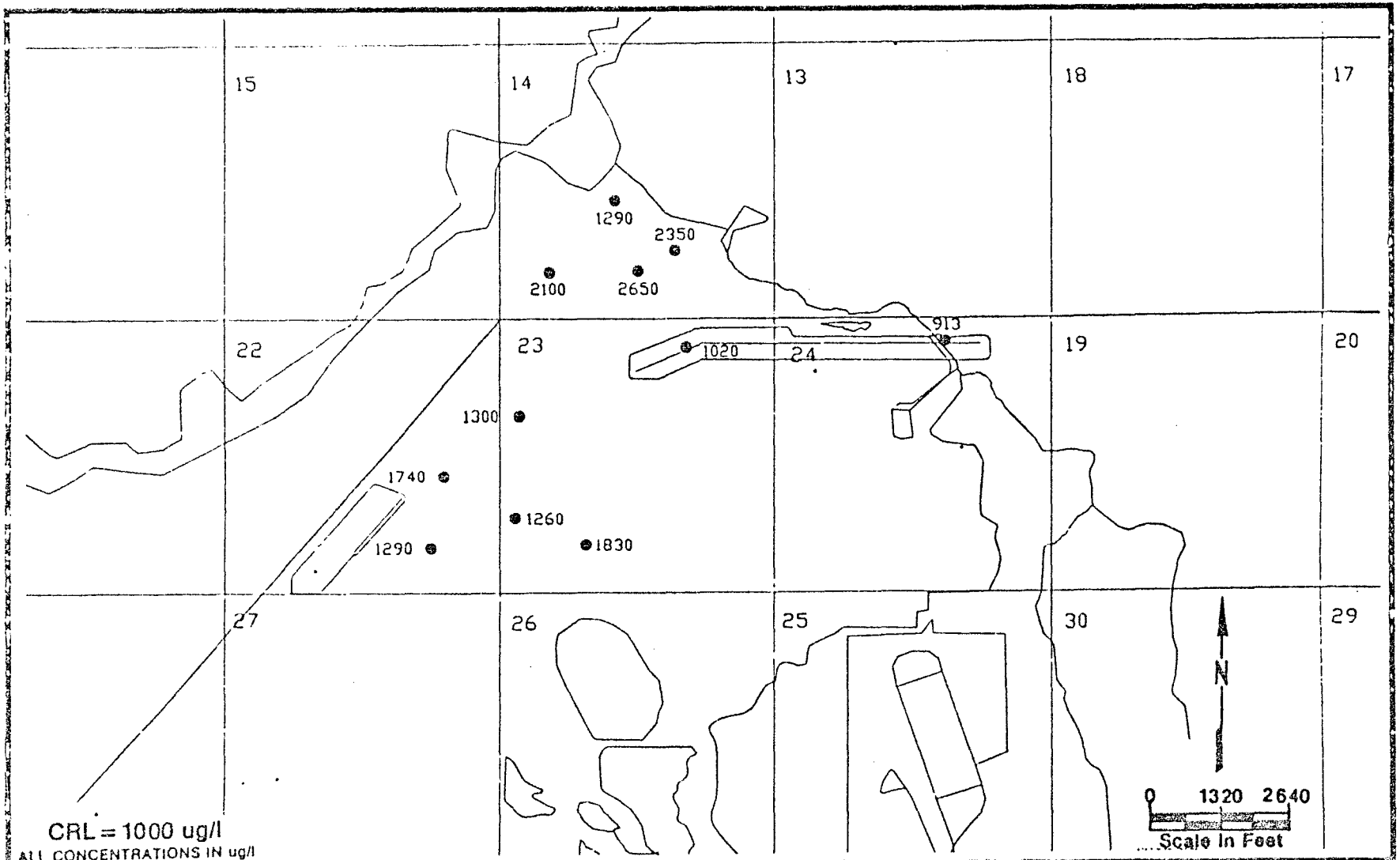


Figure B-102B
THIRD QUARTER, FY87
FLUORIDE DETECTIONS, SAND 4
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

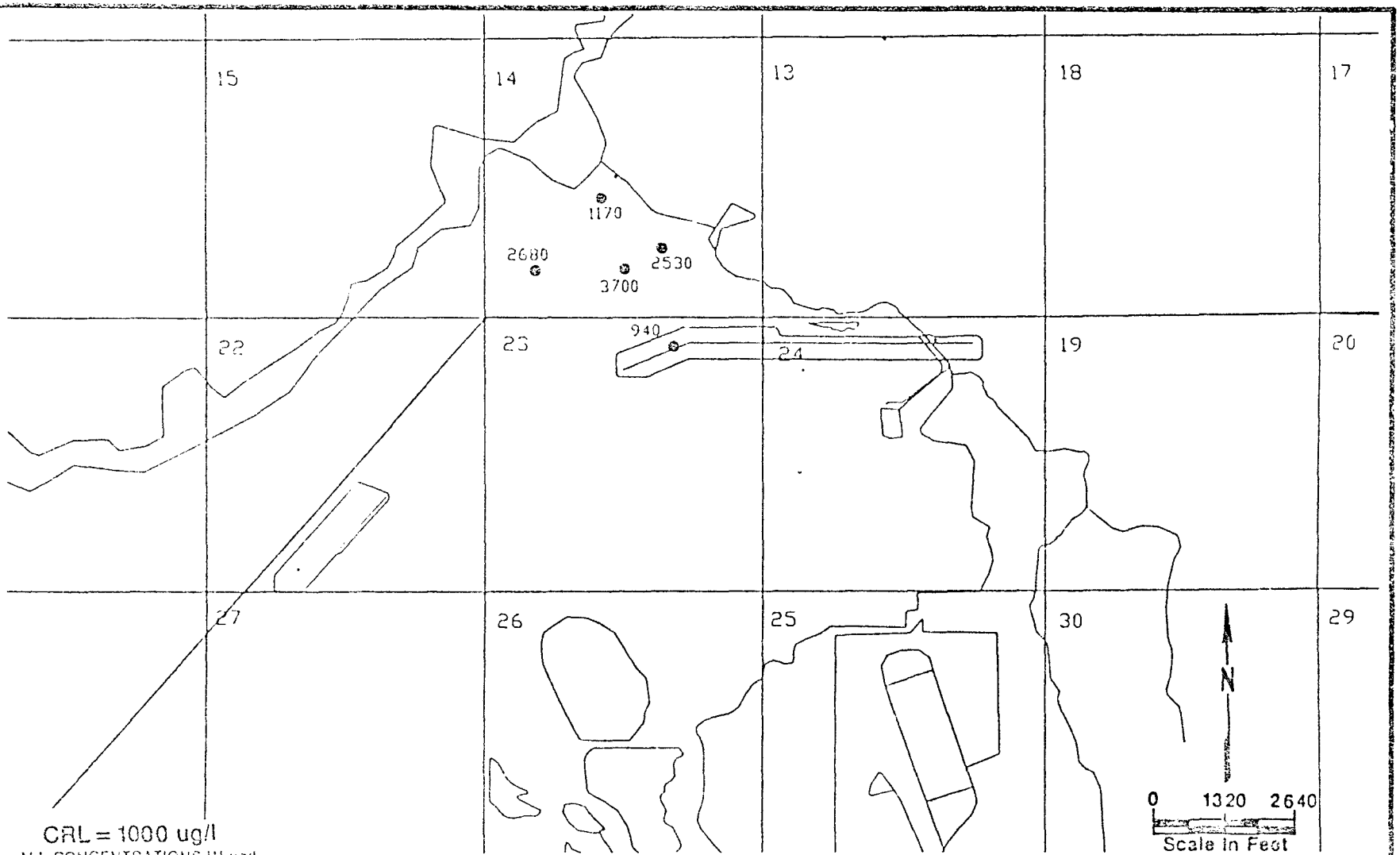


Figure B-102C
FOURTH QUARTER, FY87
FLUORIDE DETECTIONS, SAND 4
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

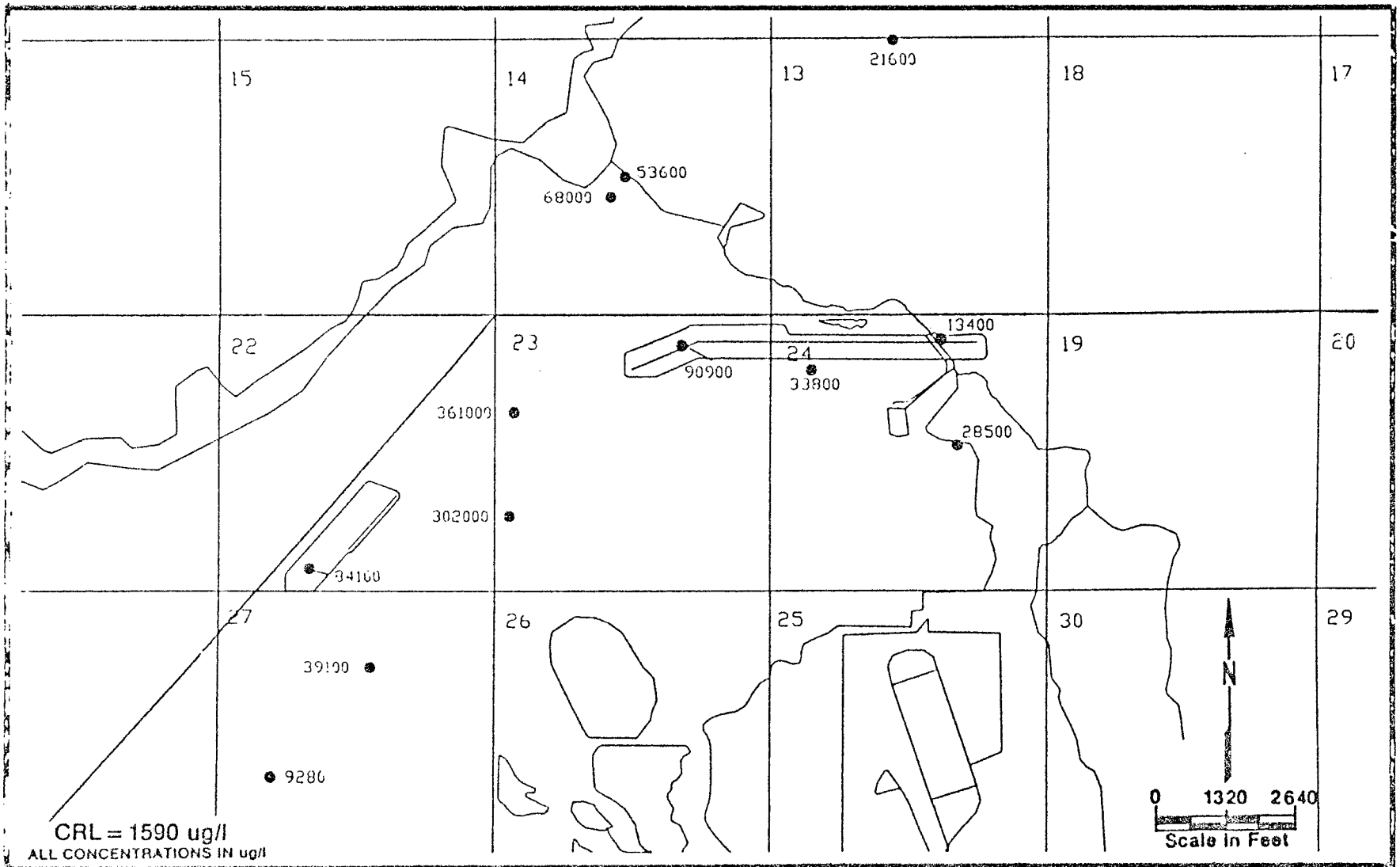


Figure B-103A
FIRST QUARTER, FY87
CHLORIDE DETECTIONS, SAND 4
DENVER AQUIFER
SOURCE ESE: 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

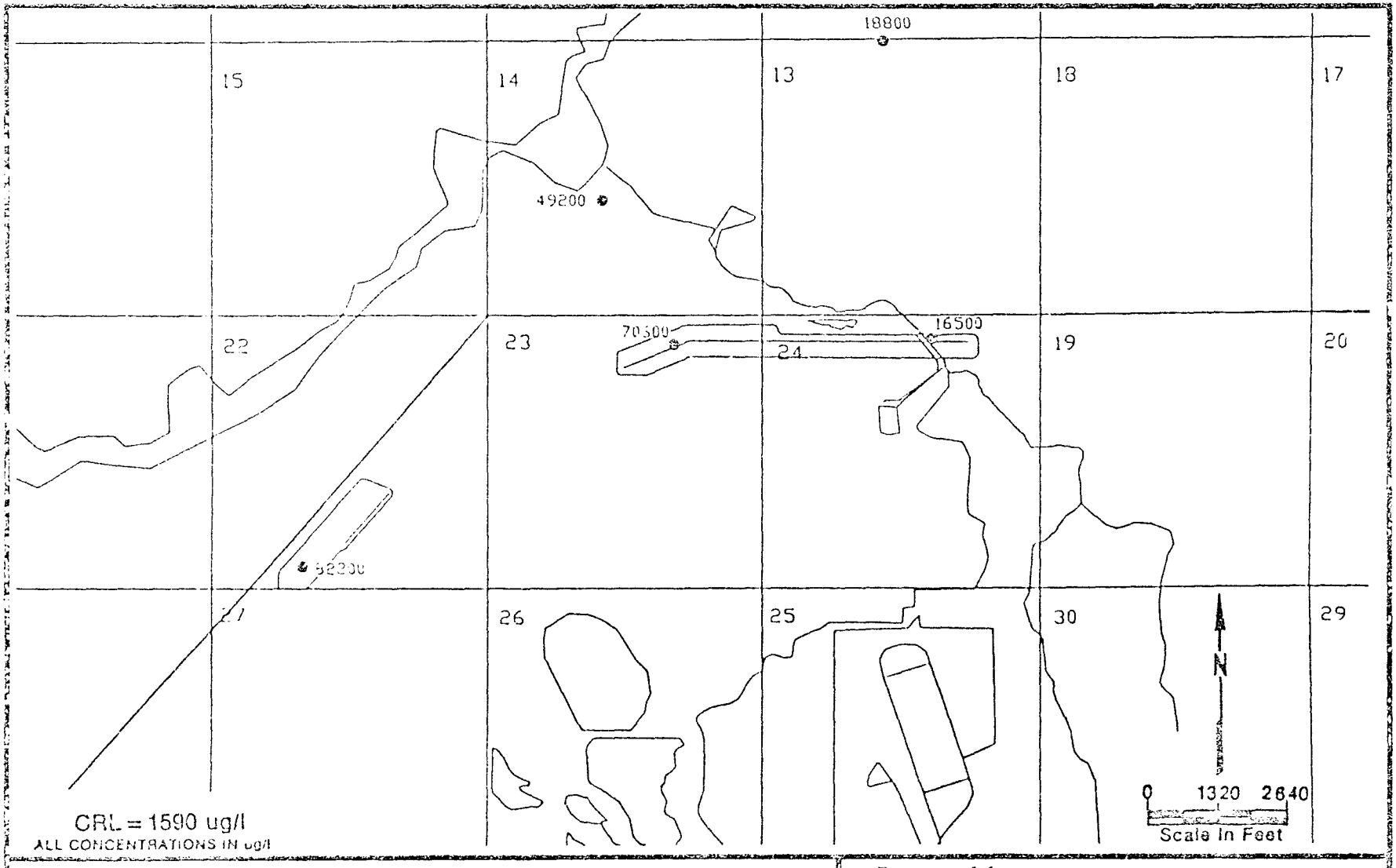


Figure B-103B
SECOND QUARTER, FY87
CHLORIDE DETECTIONS, SAND 4
DENVER AQUIFER
SOURCE ESE: 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

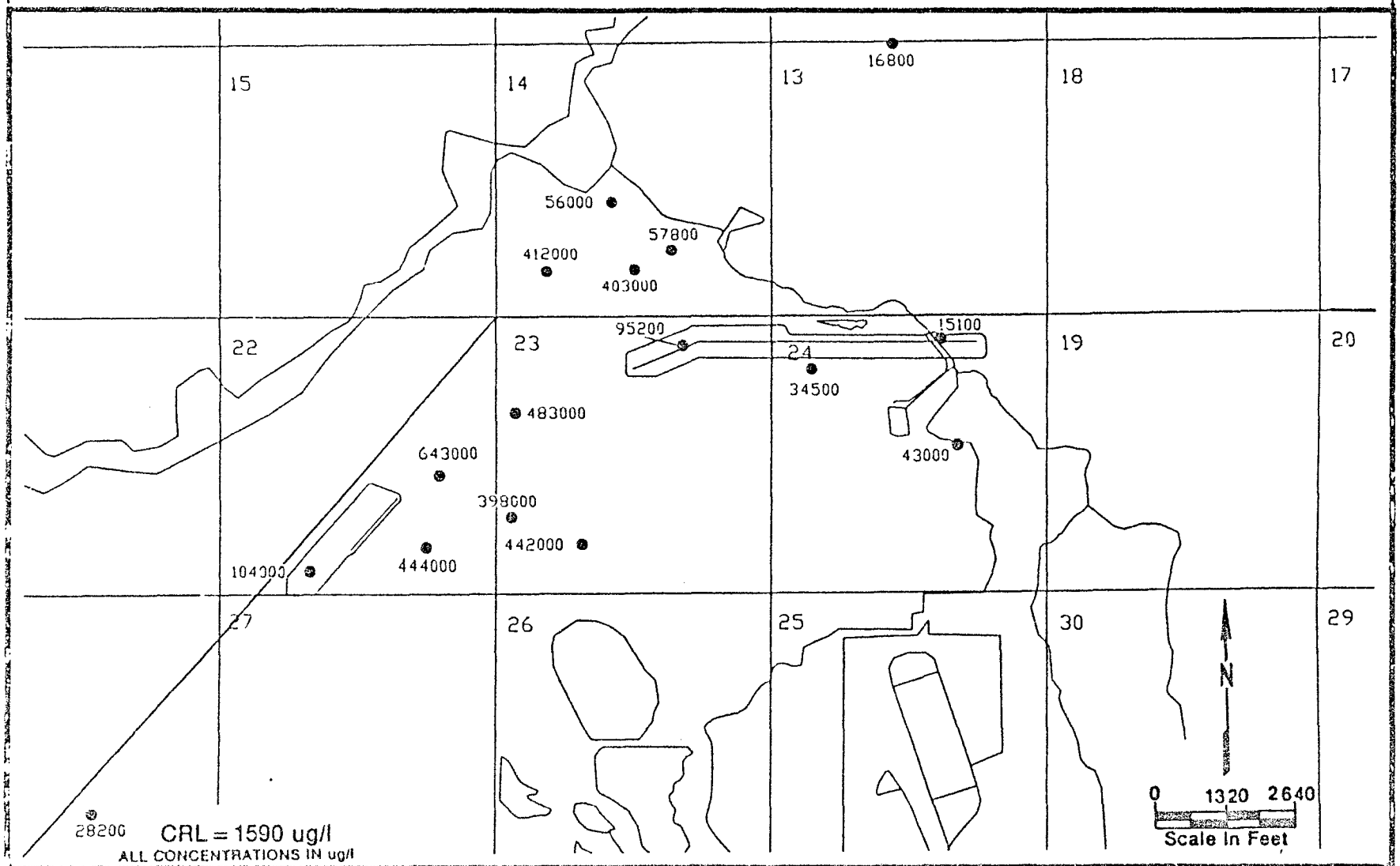


Figure B-103C
THIRD QUARTER, FY87
CHLORIDE DETECTIONS, SAND 4
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

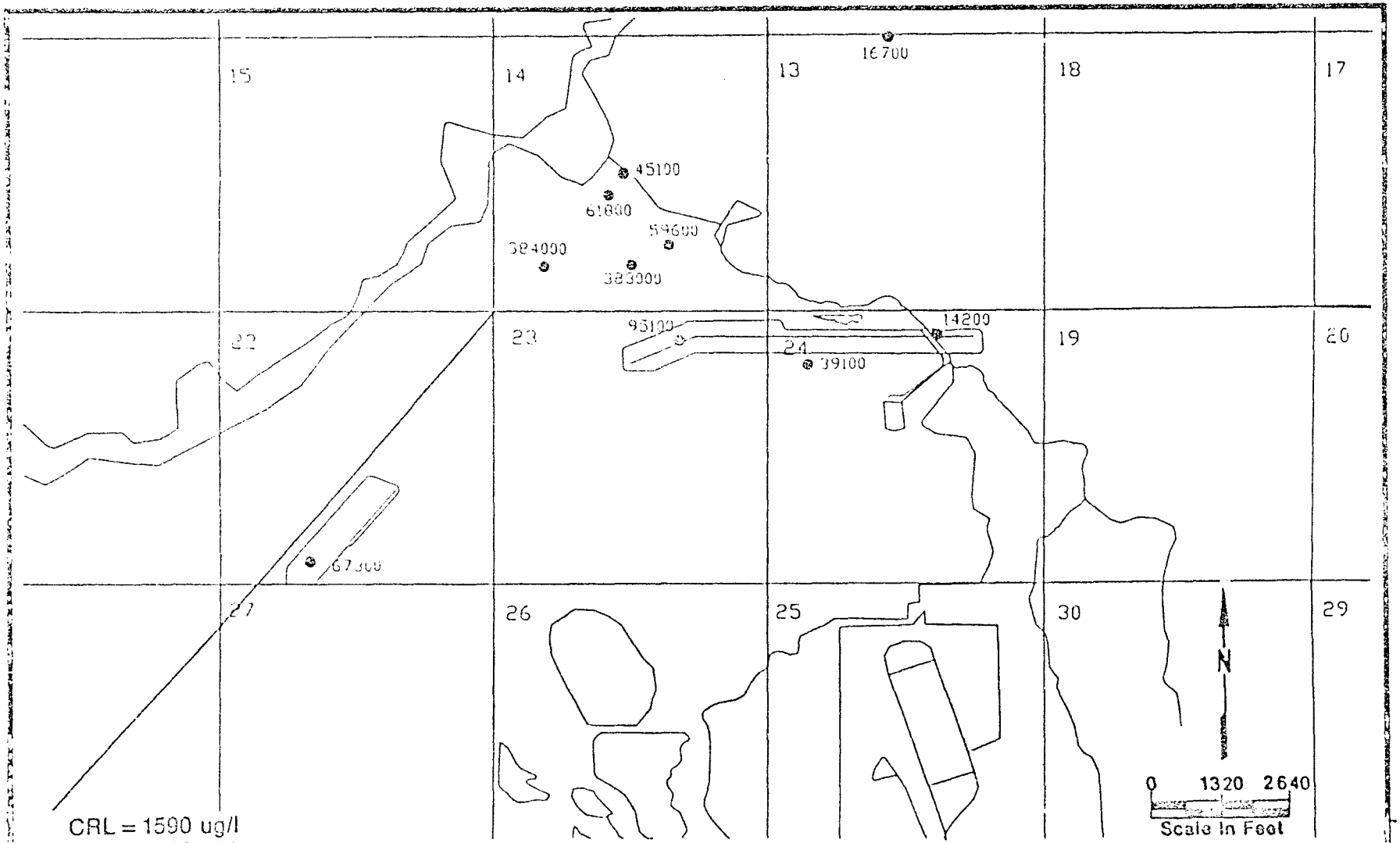


Figure B-103D
FOURTH QUARTER, FY87
CHLORIDE DETECTIONS, SAND 4
DENVER AQUIFER
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

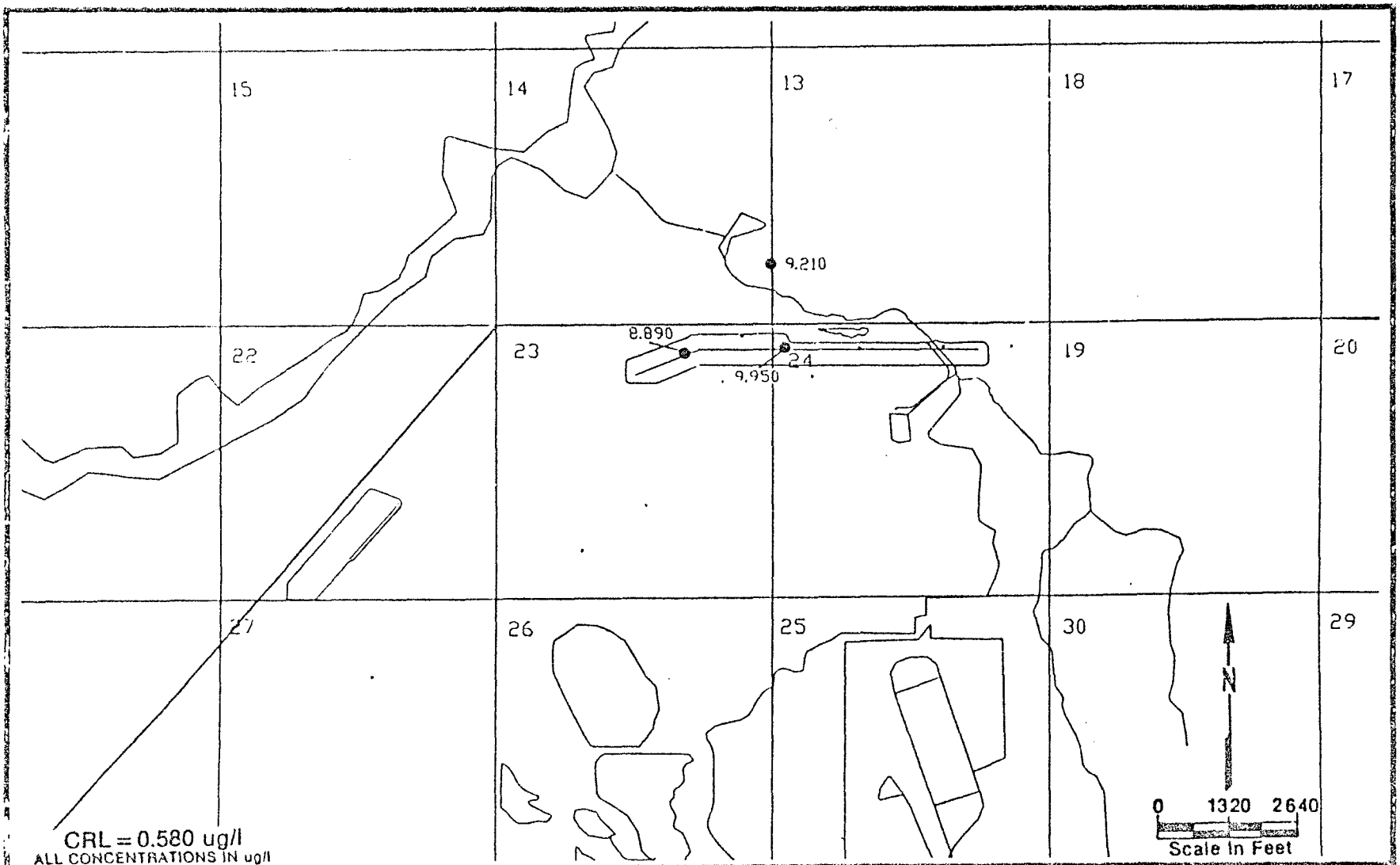


Figure B-104A
FIRST QUARTER, FY87
CHLOROBENZENE DETECTIONS, SAND 3
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

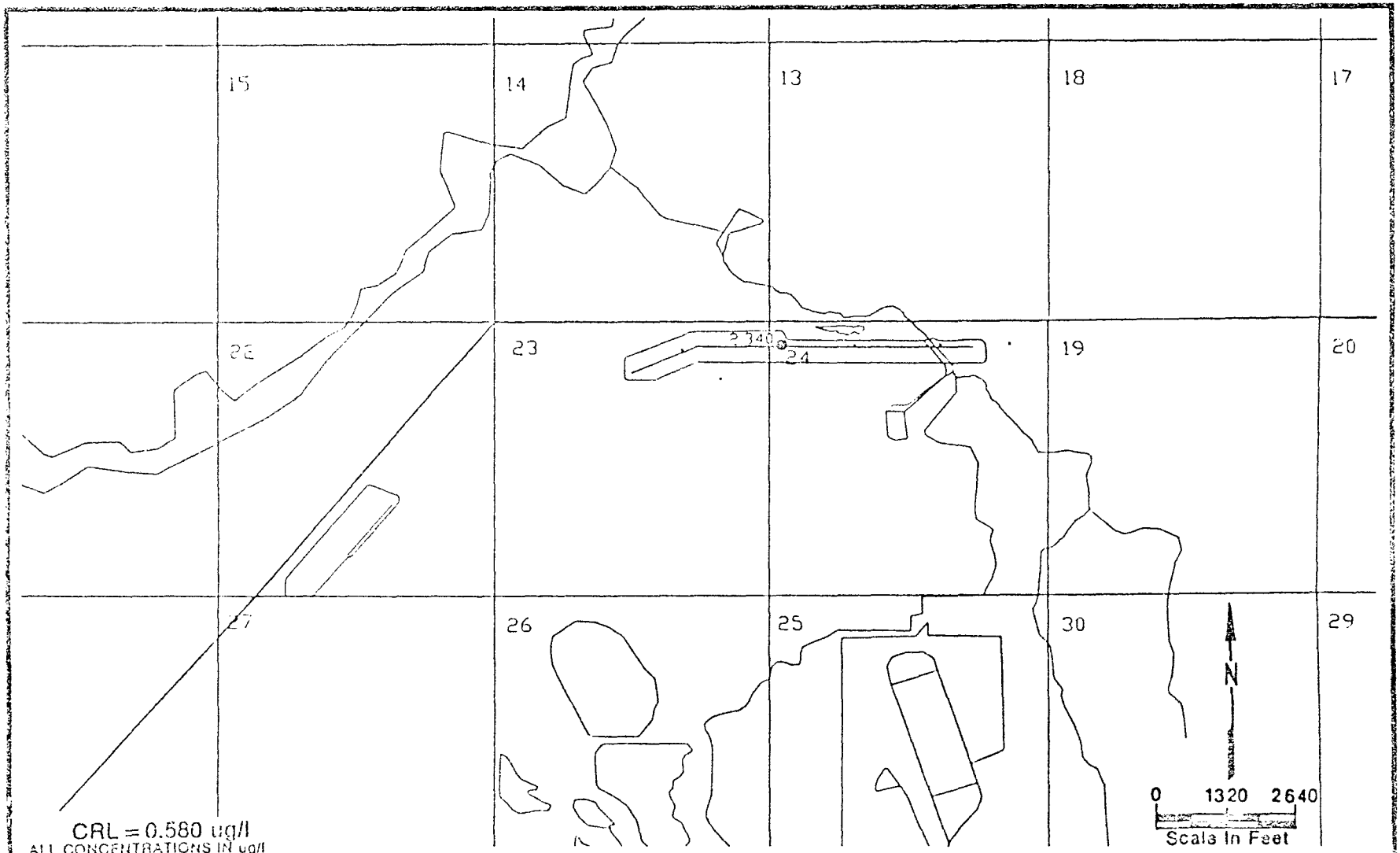


Figure B-104B
SECOND QUARTER, FY87
CHLOROBENZENE DETECTIONS, SAND 3
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

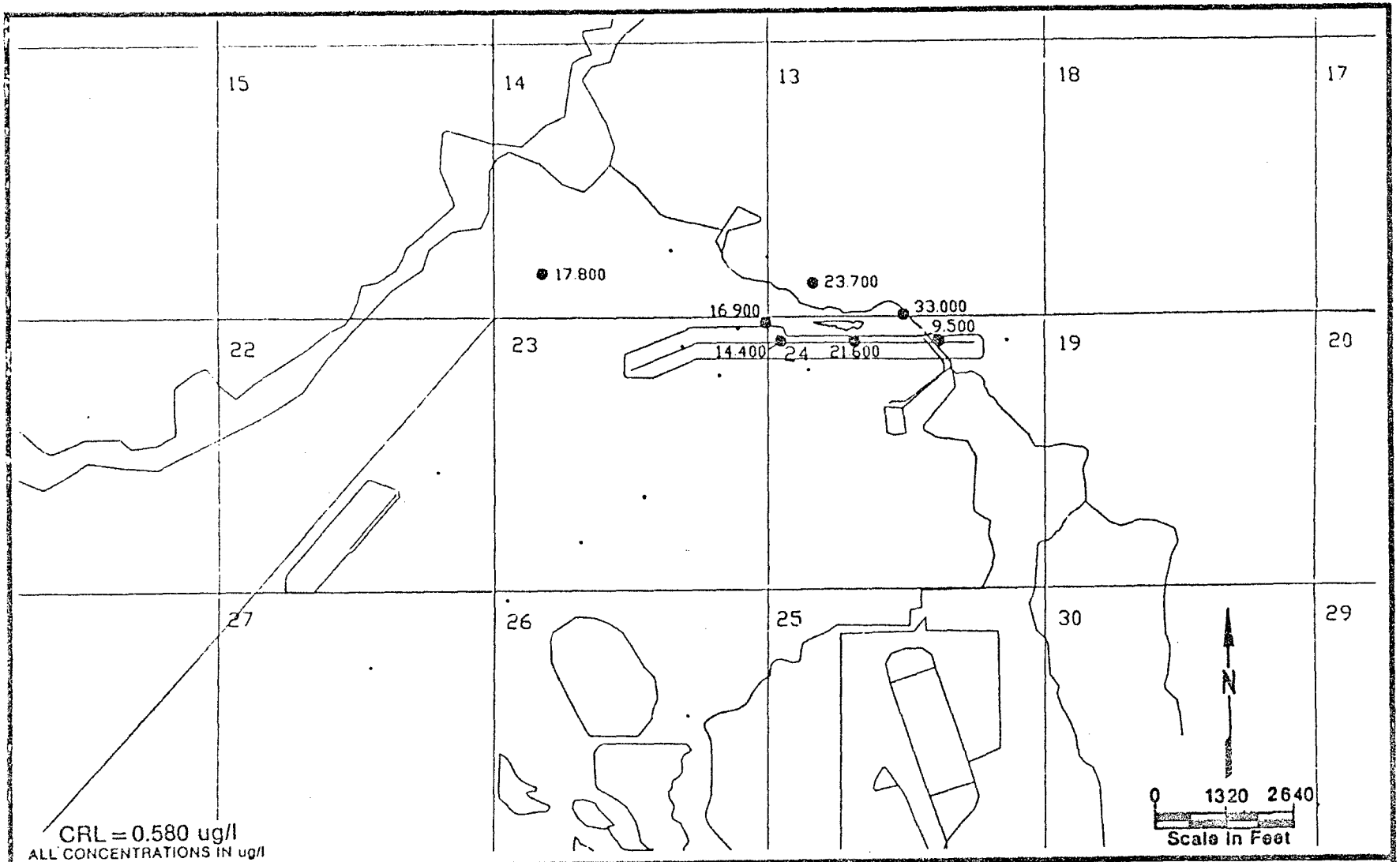


Figure B-104C
THIRD QUARTER, FY87
CHLOROBENZENE DETECTIONS, SAND 3
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

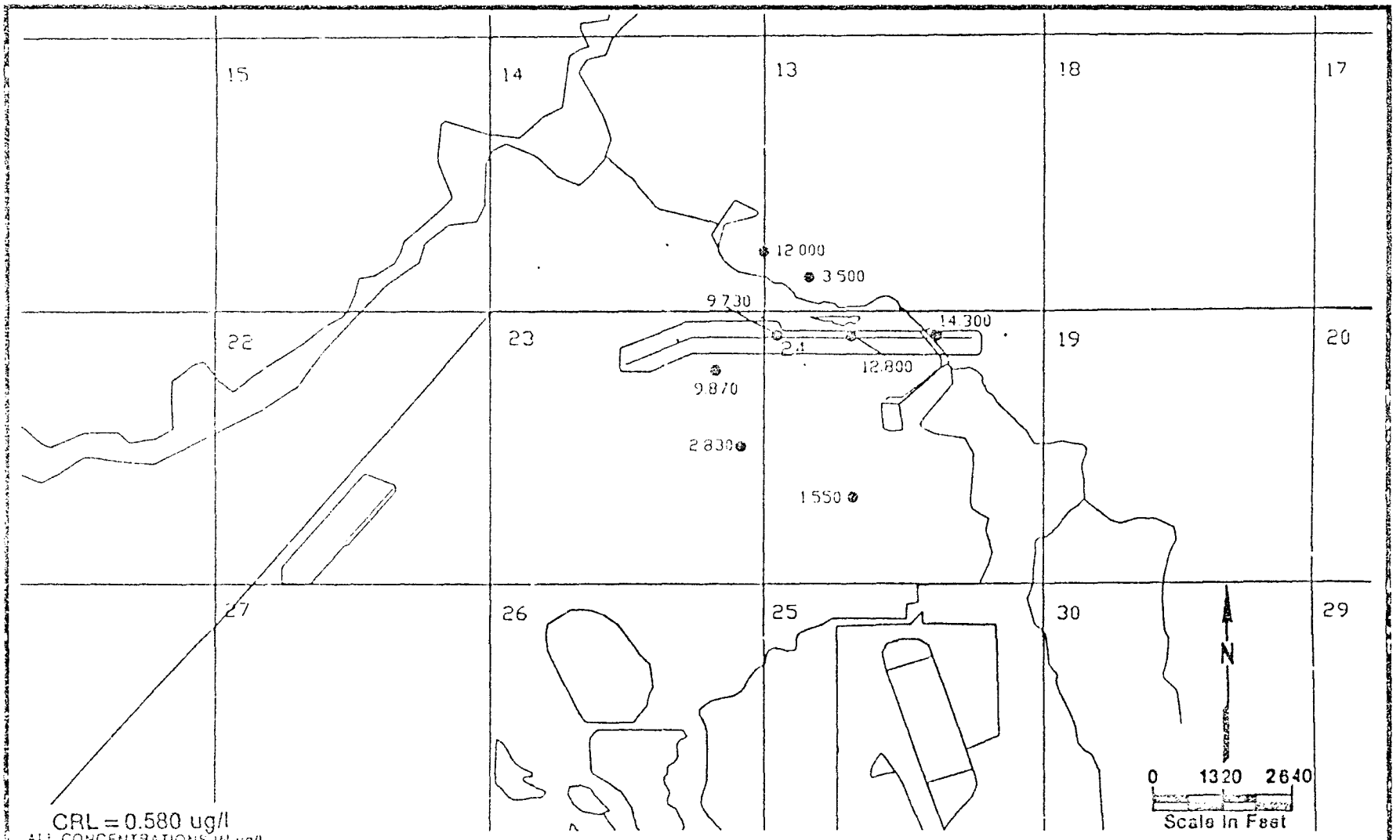


Figure B-104D
FOURTH QUARTER, FY 87
CHLOROBENZENE DETECTIONS, SAND 3
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

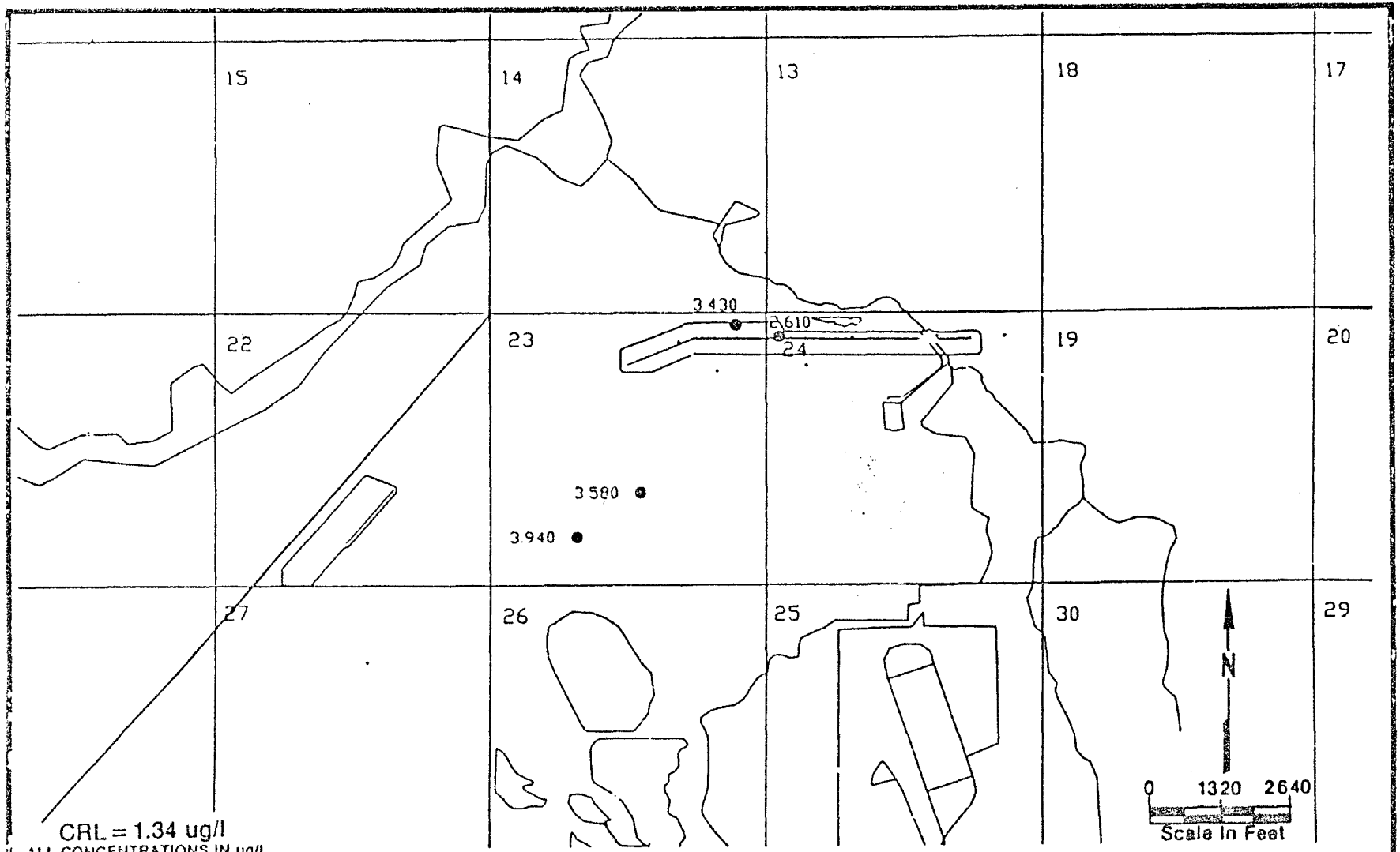


Figure B-105A
FIRST QUARTER, FY87
BENZENE DETECTIONS, SAND 3
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

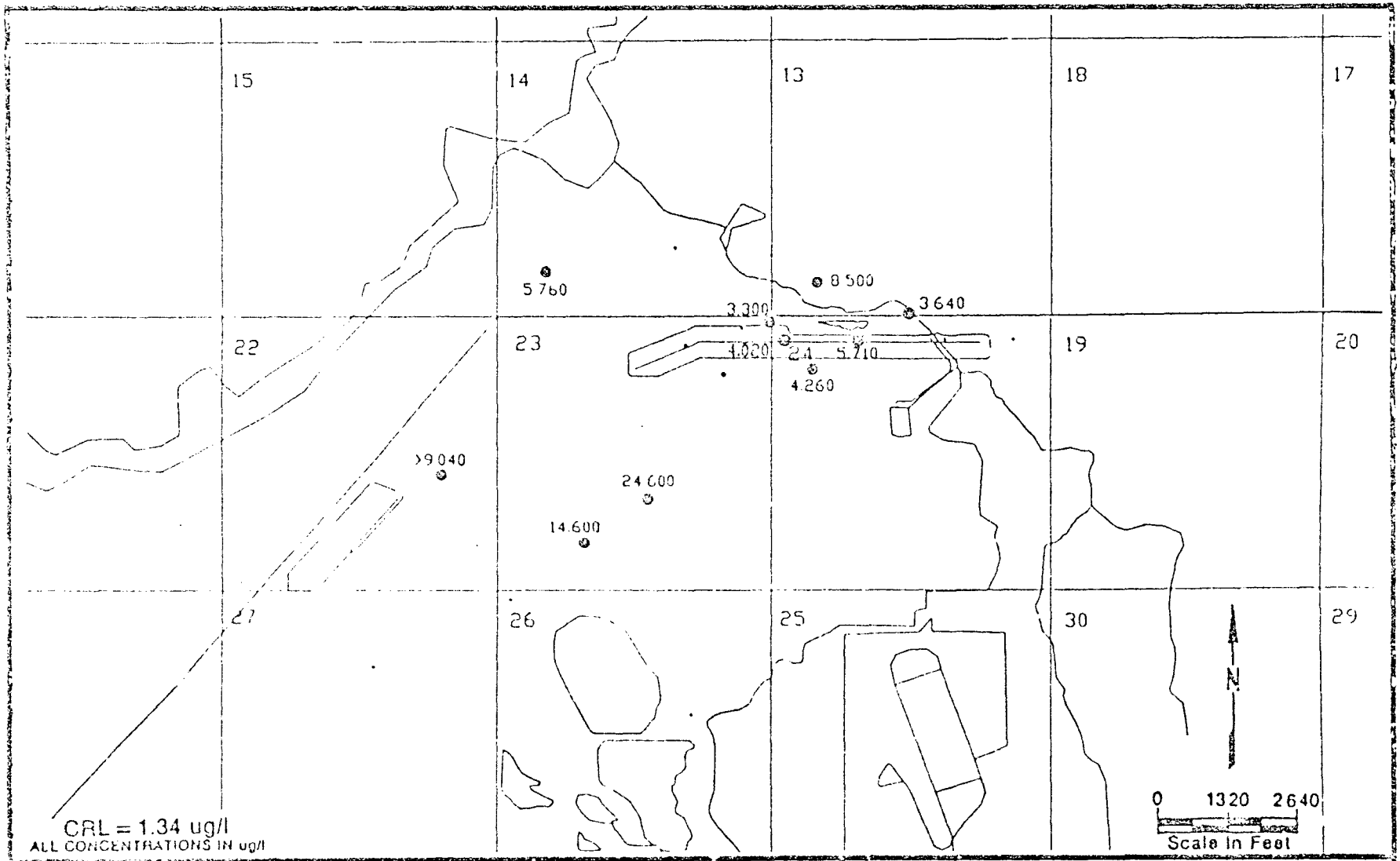


Figure B-105B
THIRD QUARTER, FY87
BENZENE DETECTIONS, SAND 3
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

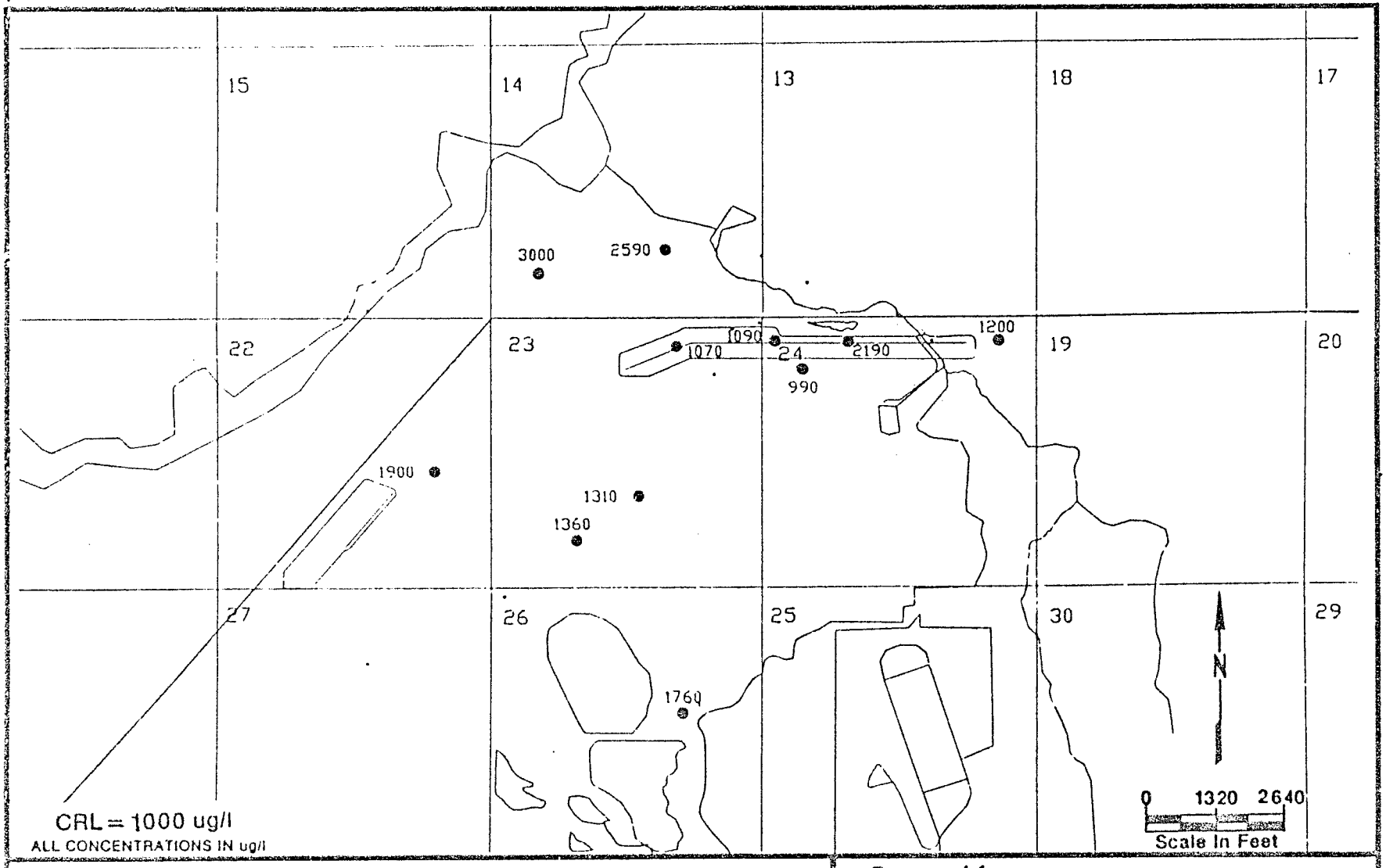


Figure B-105C
THIRD QUARTER, FY87
FLUORIDE DETECTIONS, SAND 3
DENVER AQUIFER

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

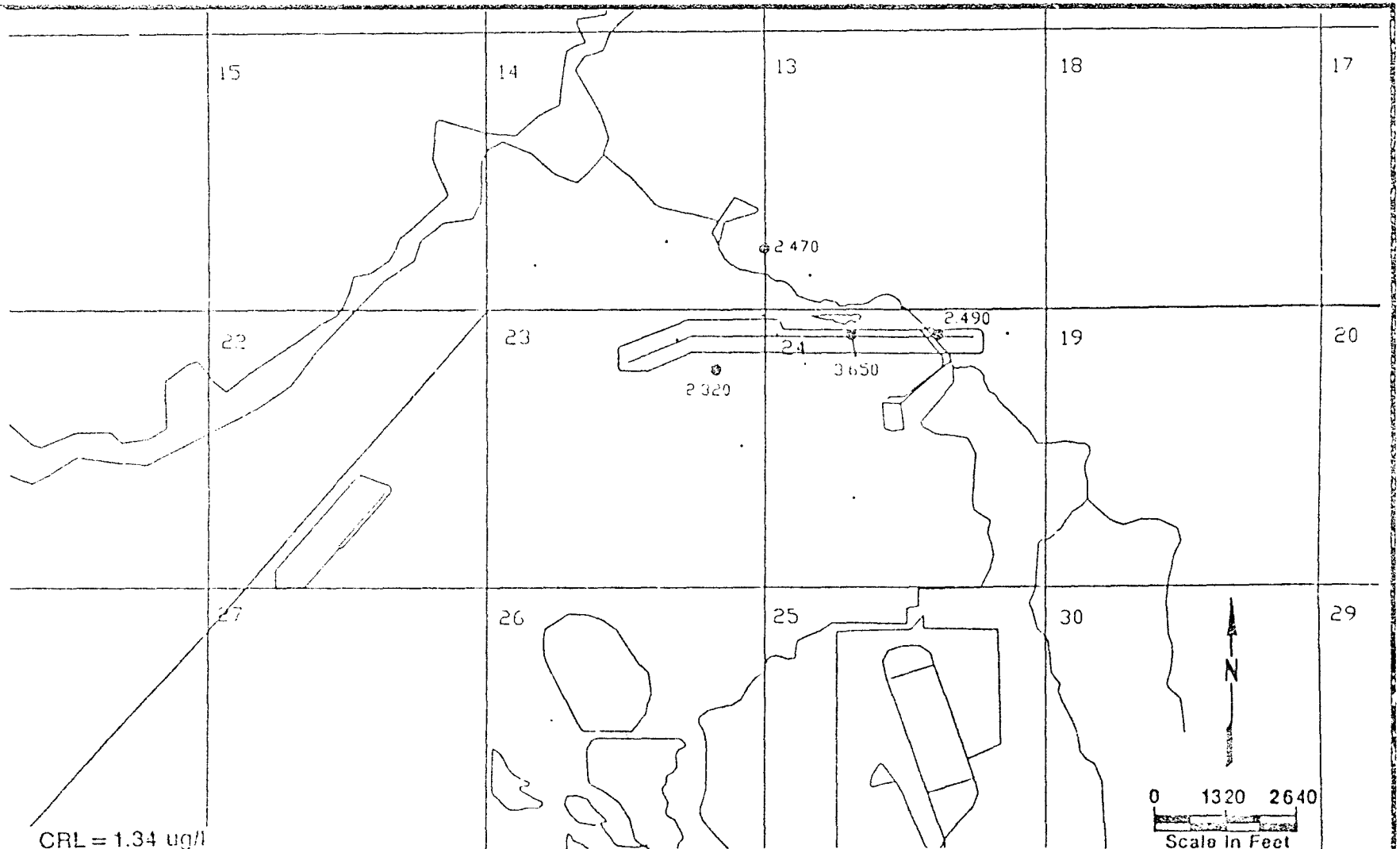


Figure B-105D
FOURTH QUARTER, FY87
BENZENE DETECTIONS, SAND 3
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

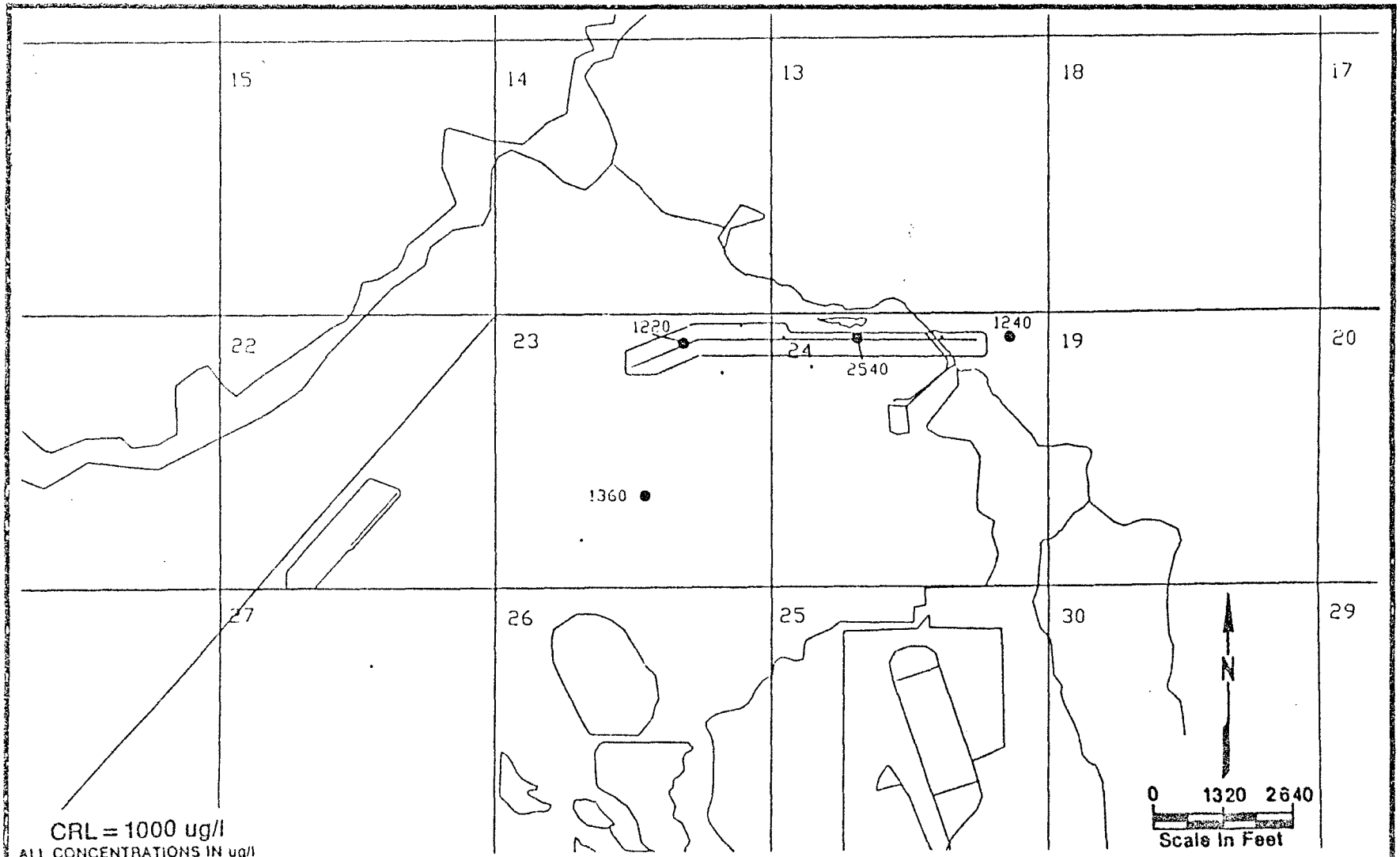


Figure B-106A
FIRST QUARTER, FY87
FLUORIDE DETECTIONS, SAND 3
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

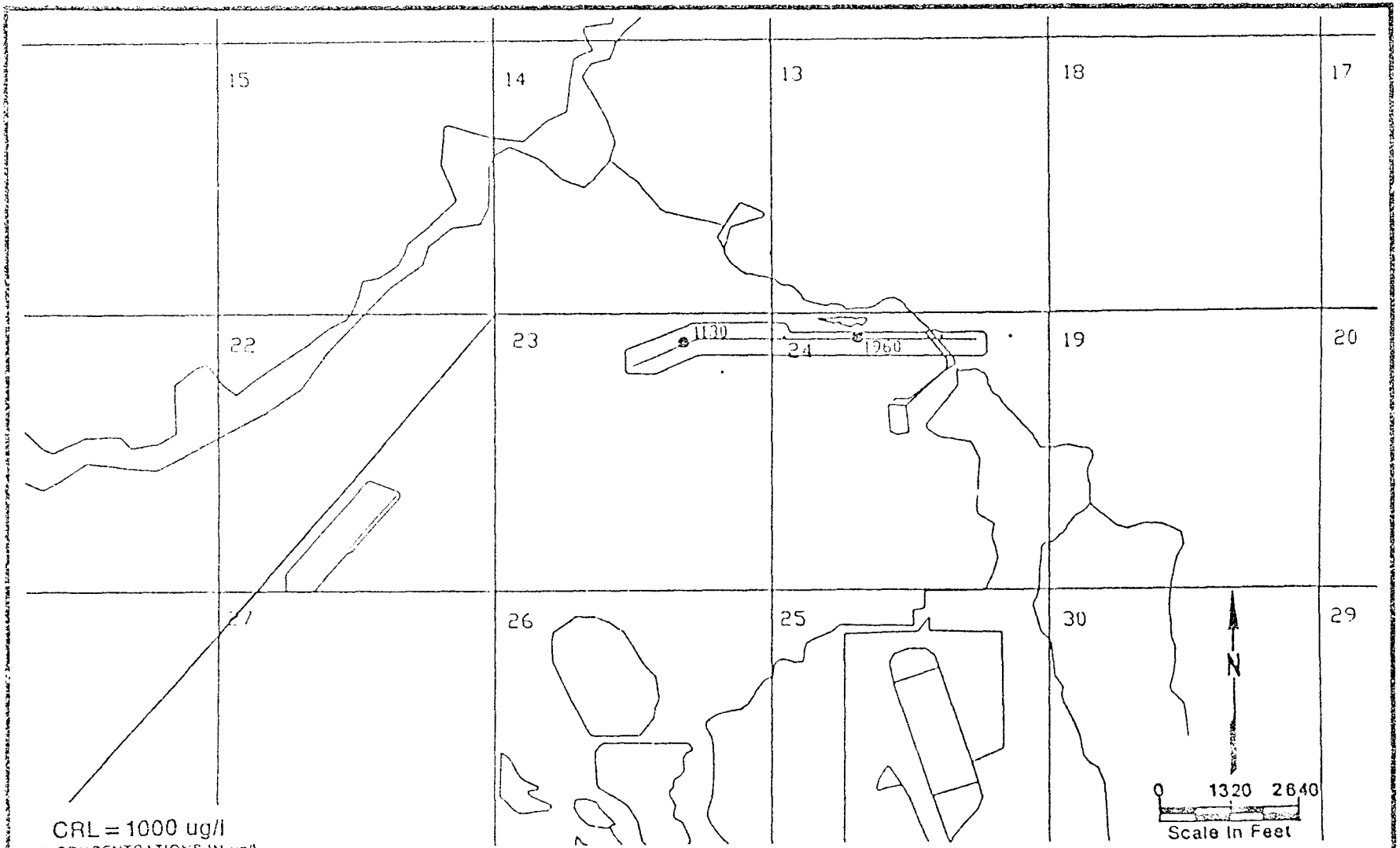
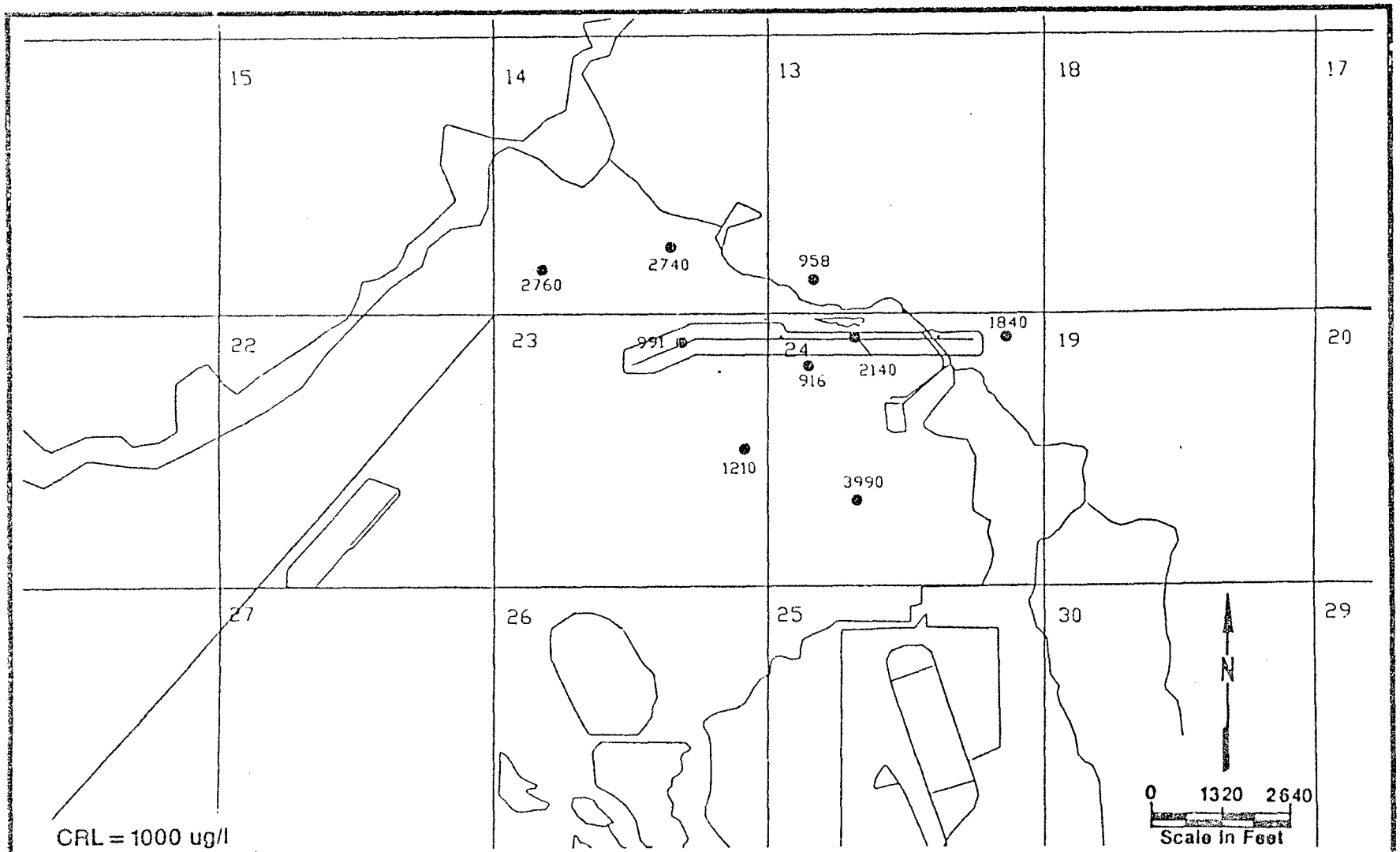


Figure B-106B
SECOND QUARTER, FY87
FLUORIDE DETECTIONS, SAND 3
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



CRL = 1000 ug/l
ALL CONCENTRATIONS IN ug/l

Figure B-106C
FOURTH QUARTER, FY87
FLUORIDE DETECTIONS, SAND 3
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

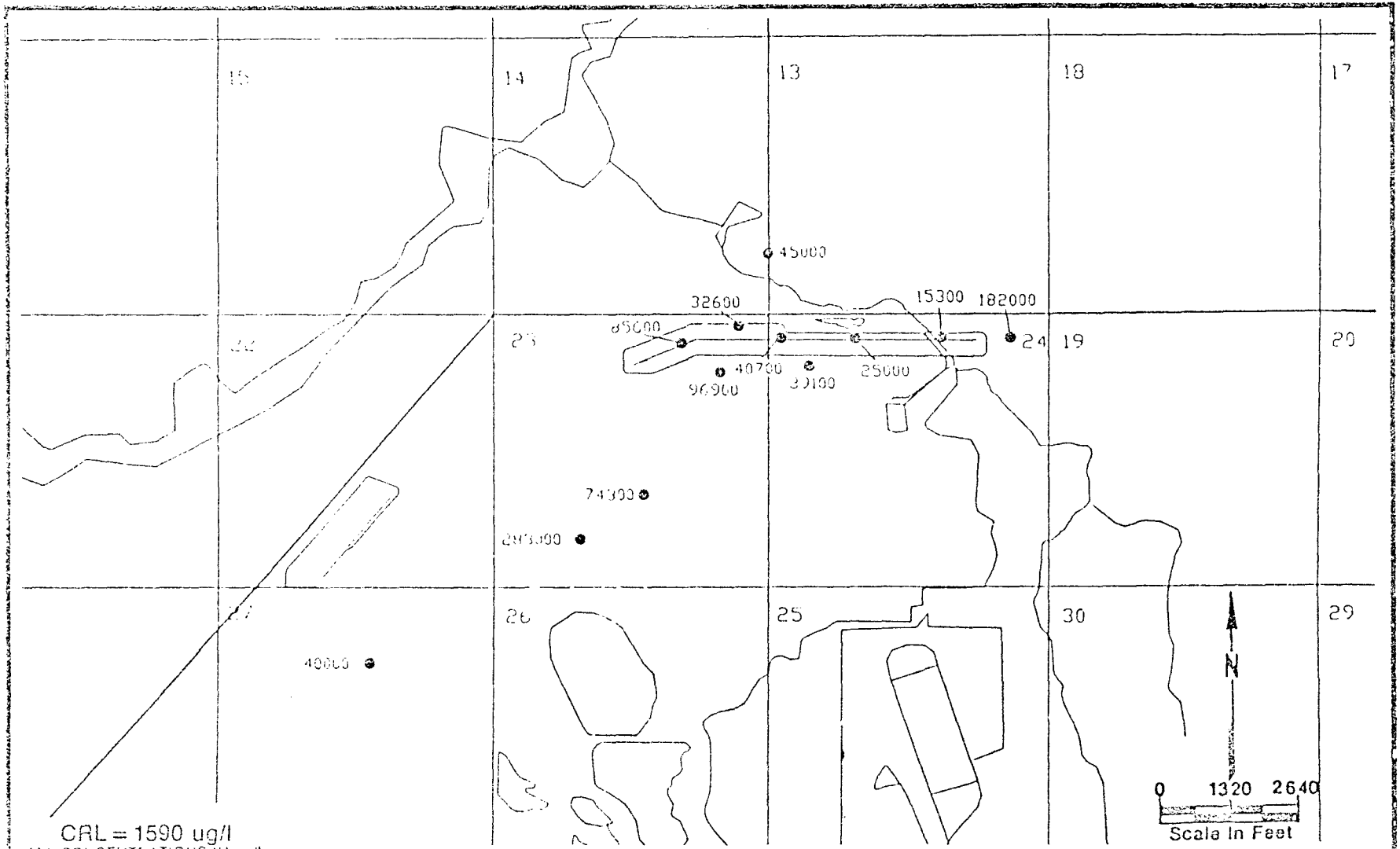


Figure B-107-A
FIRST QUARTER, FY 87
CHLORIDE DETECTIONS, SAND 3
DENVER AQUIFER
SOURCE ESE: 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

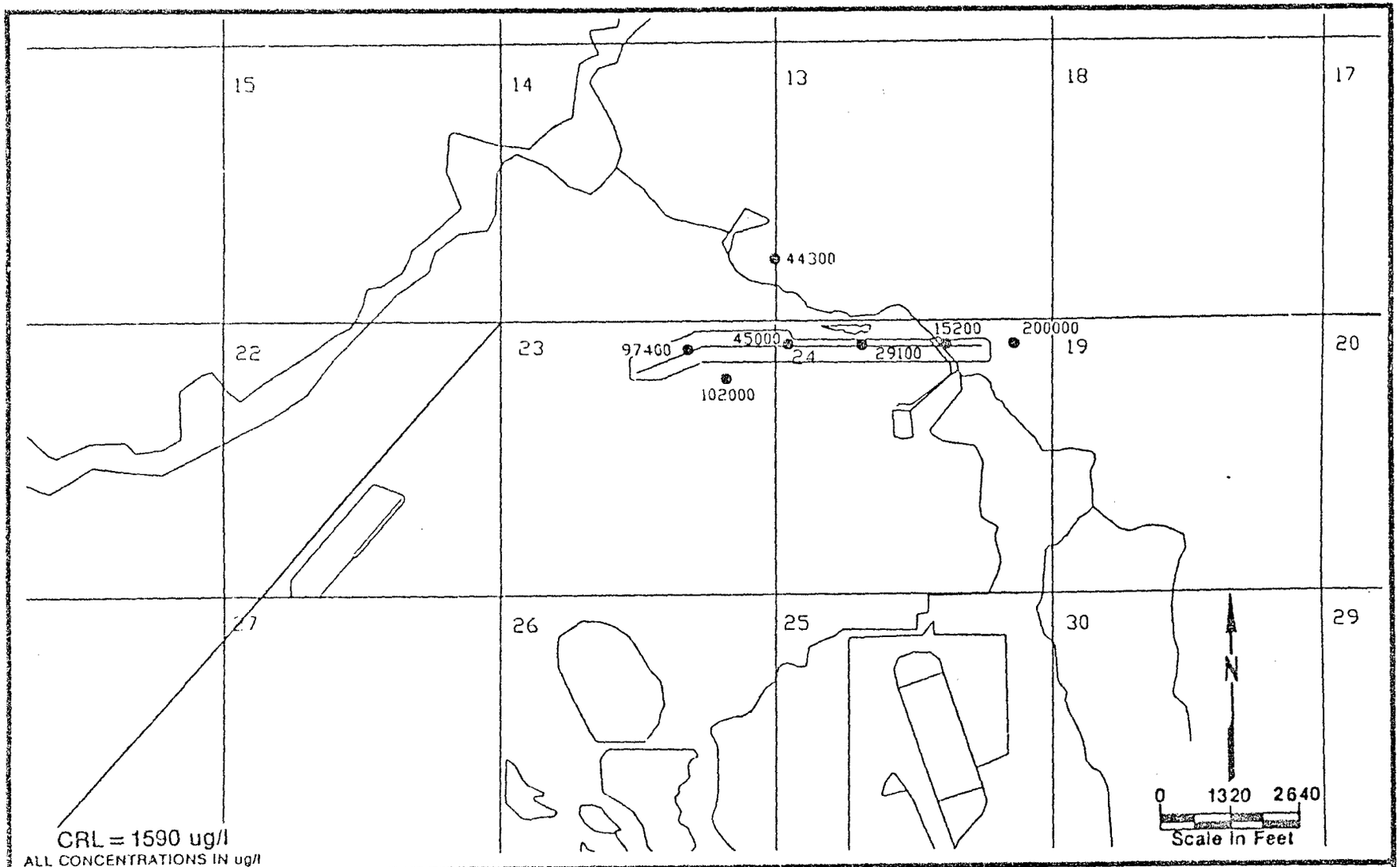


Figure B-107B
SECOND QUARTER, FY87
CHLORIDE DETECTIONS, SAND 3
DENVER AQUIFER
SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

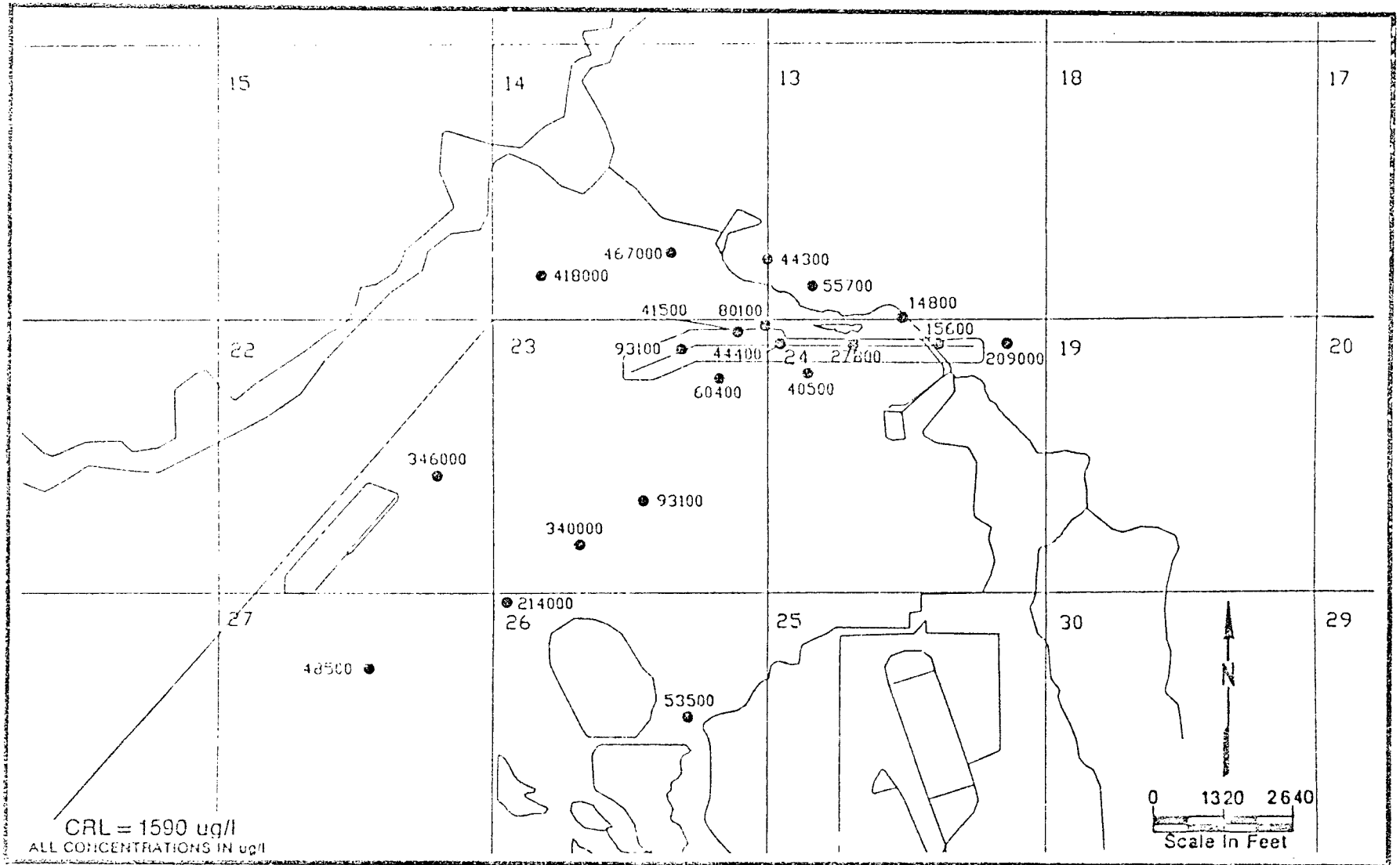


Figure B-107C
THIRD QUARTER, FY87
CHLORIDE DETECTIONS, SAND 3
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

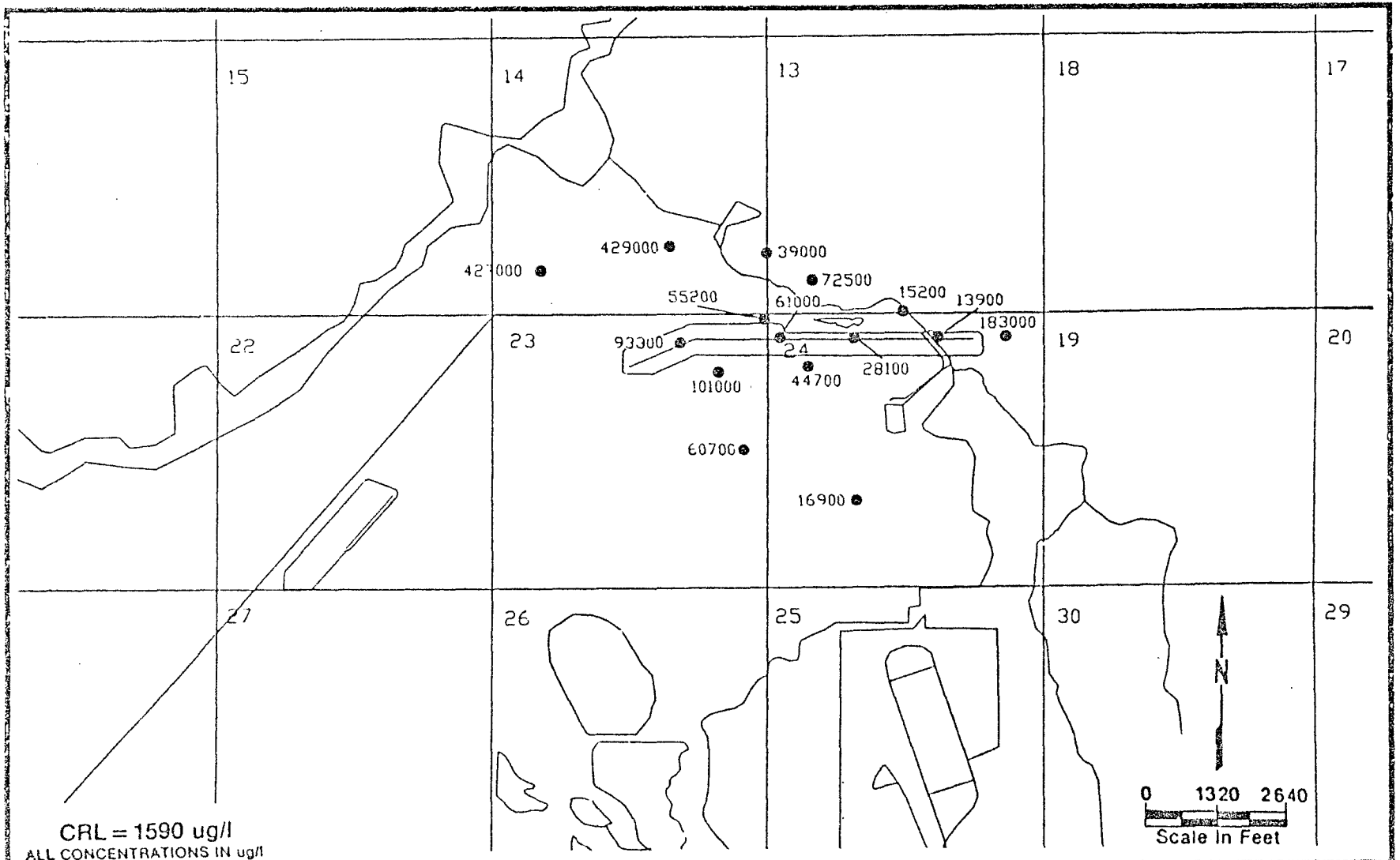


Figure B-107D
FOURTH QUARTER FY87
CHLORIDE DETECTIONS, SAND 3
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

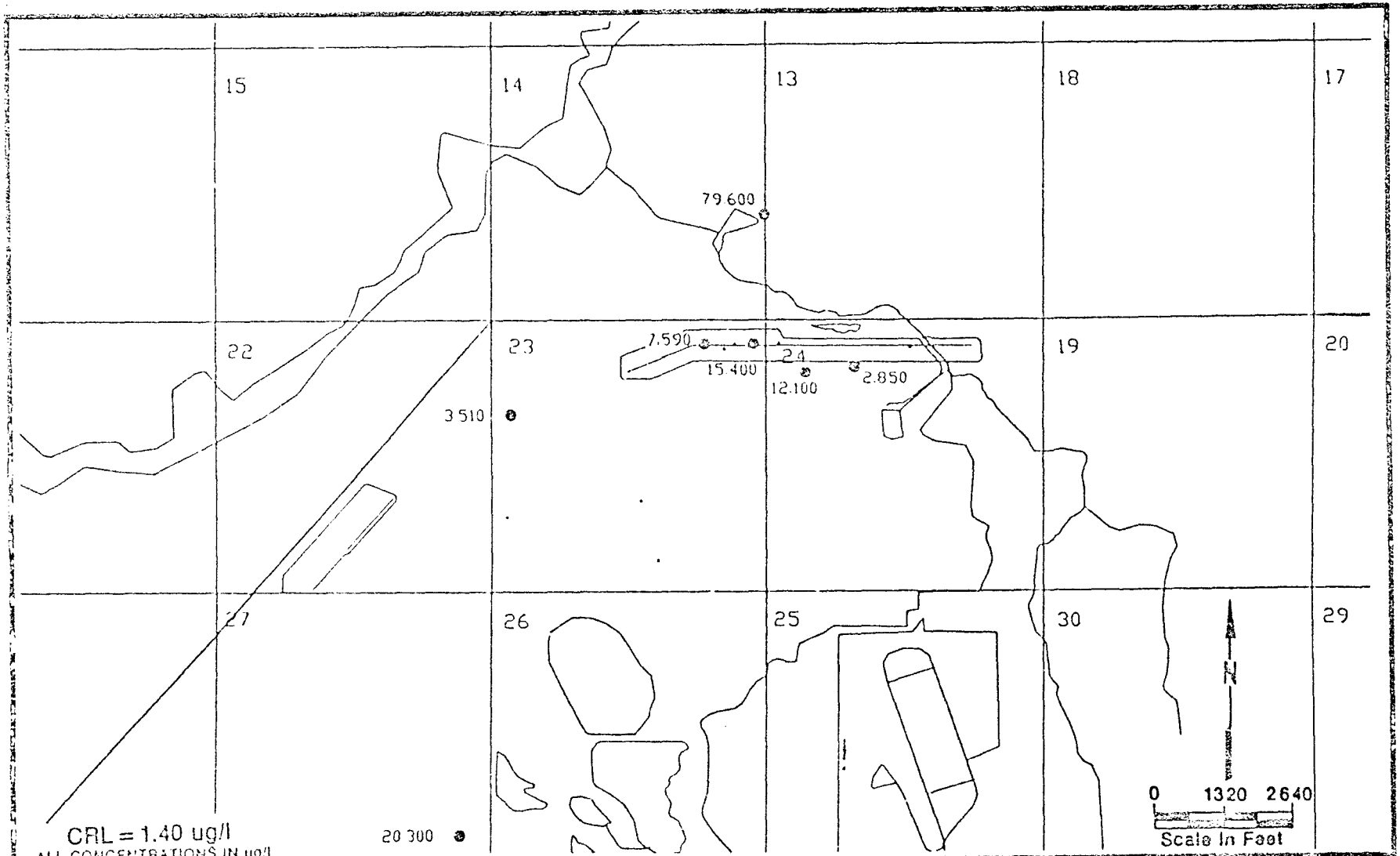


Figure B-108A
FIRST QUARTER, FY87
CHLOROFORM DETECTIONS, SAND 2
DENVER AQUIFER
SOURCE: EDE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

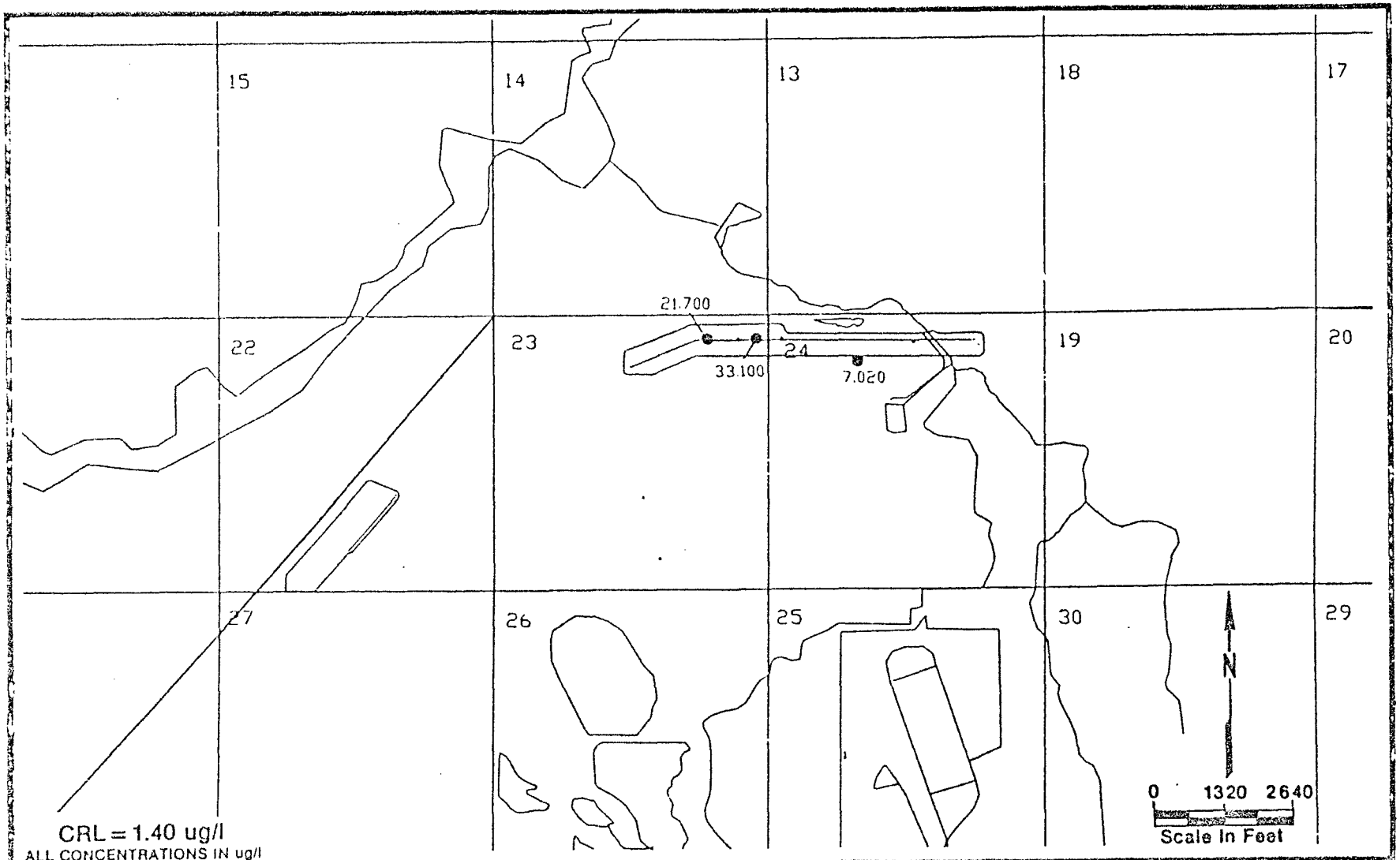


Figure B-108B
SECOND QUARTER, FY87
CHLOROFORM DETECTIONS, SAND 2
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

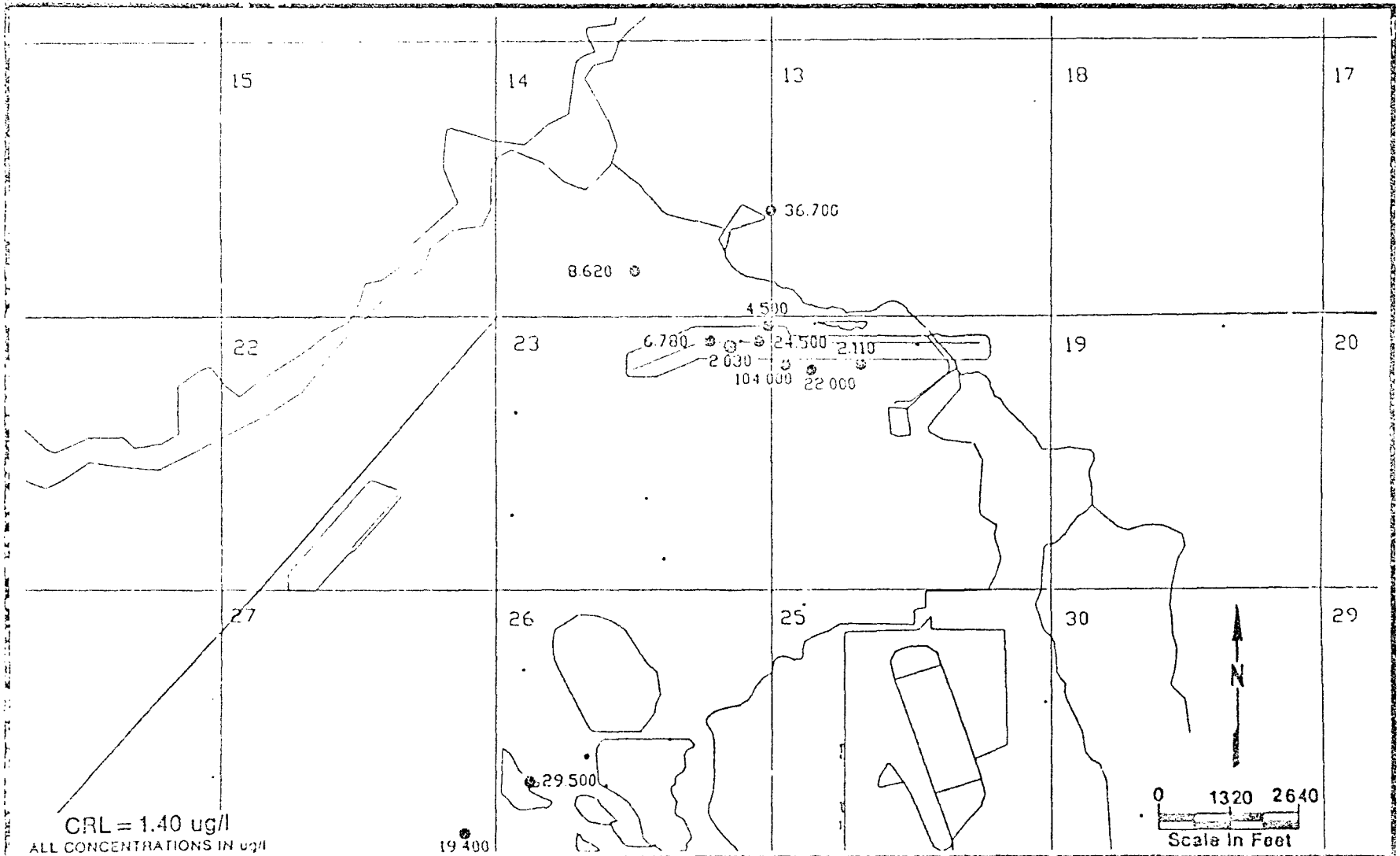


Figure 8-108C
THIRD QUARTER, FY87
CHLOROFORM DETECTIONS, SAND 2
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

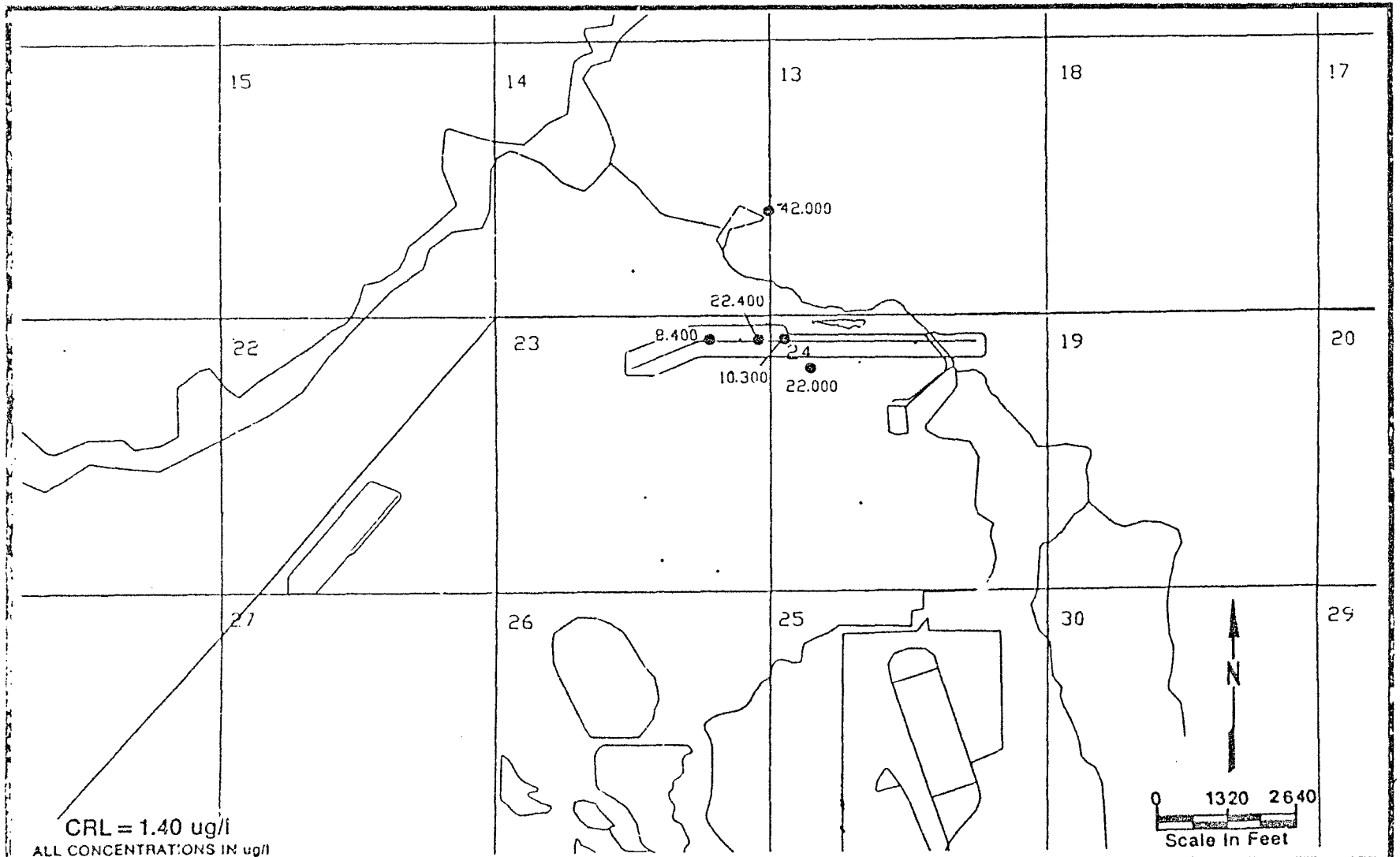


Figure B-108D
FOURTH QUARTER, FY87
CHLOROFORM DETECTIONS, SAND 2
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

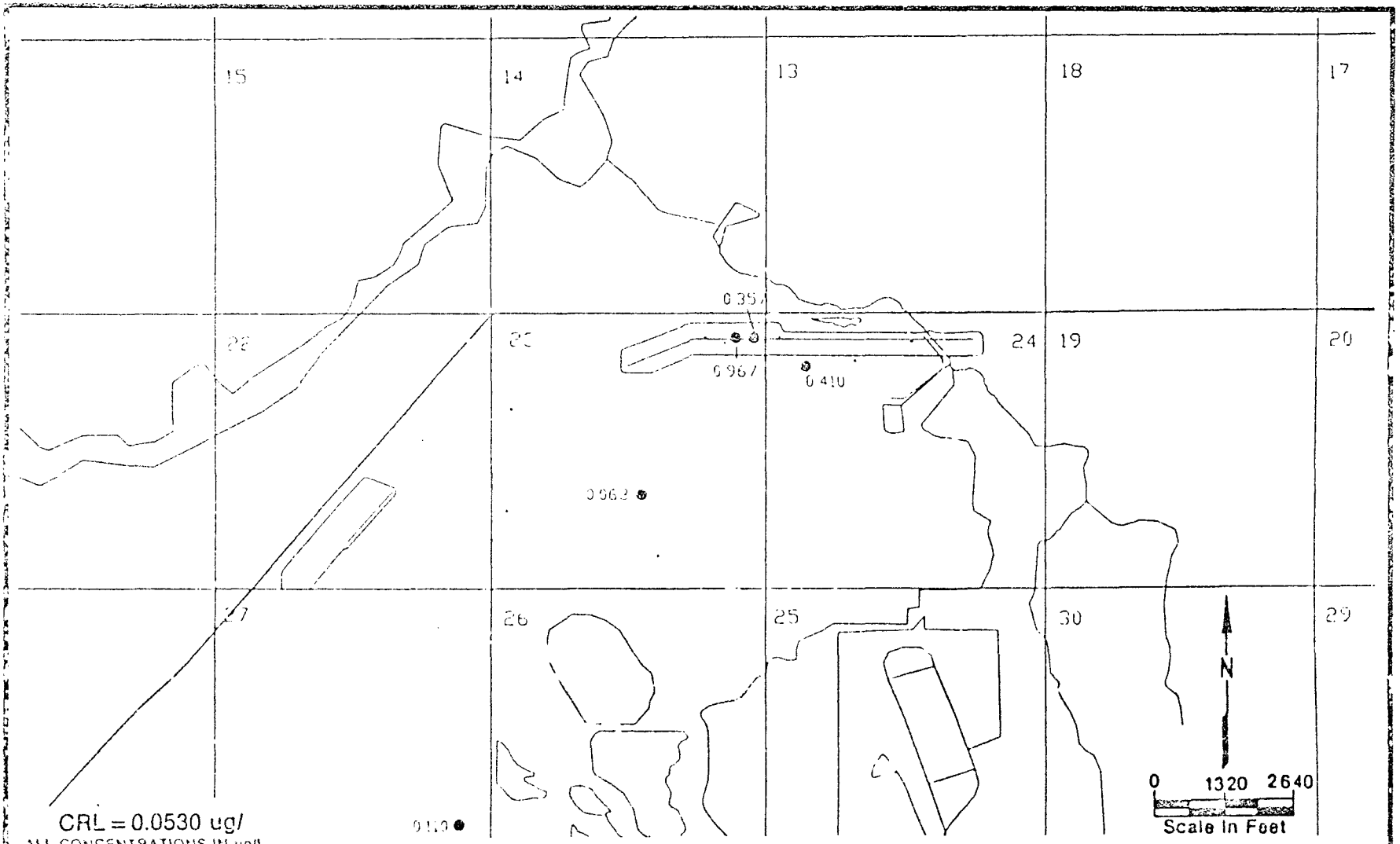


Figure B-109A
FIRST QUARTER,FY87
DIELDRIN DETECTIONS, SAND 2
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

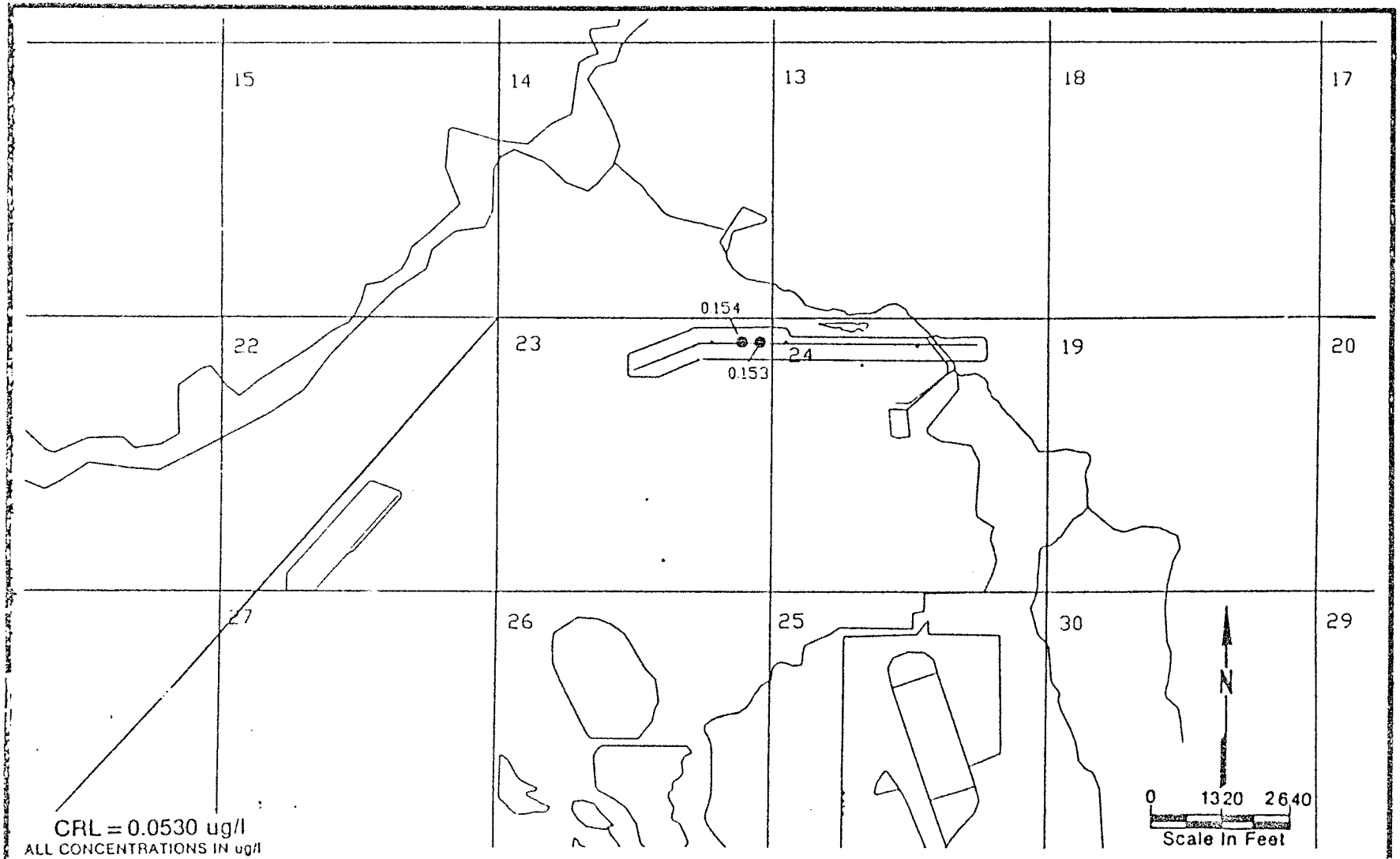


Figure B-109B
SECOND QUARTER, FY87
DIELDRIN DETECTIONS, SAND 2
DENVER AQUIFER

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

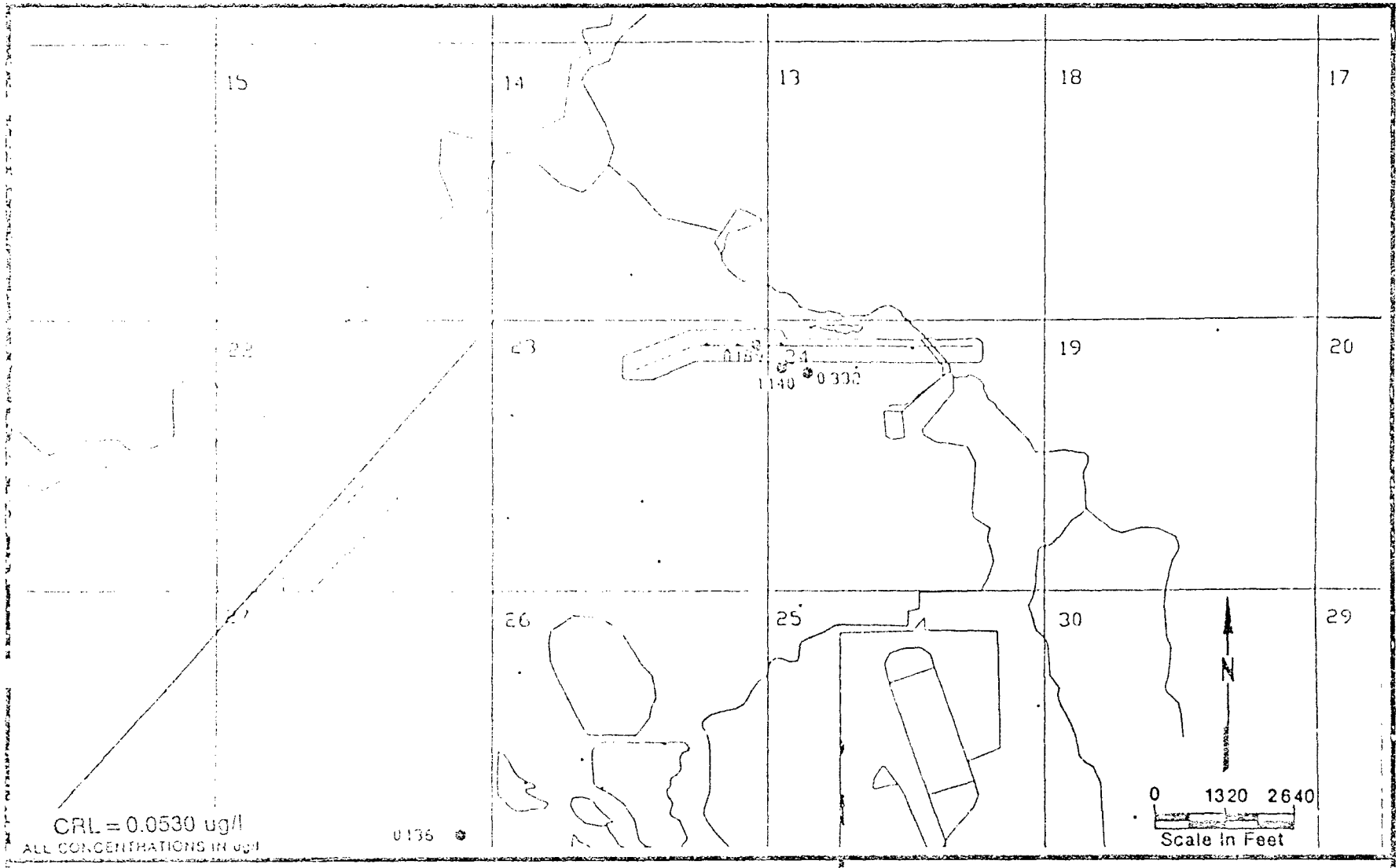


Figure B-109C
THIRD QUARTER, FY87
DIELDRIN DETECTIONS, SAND 2
DENVER AQUIFER

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

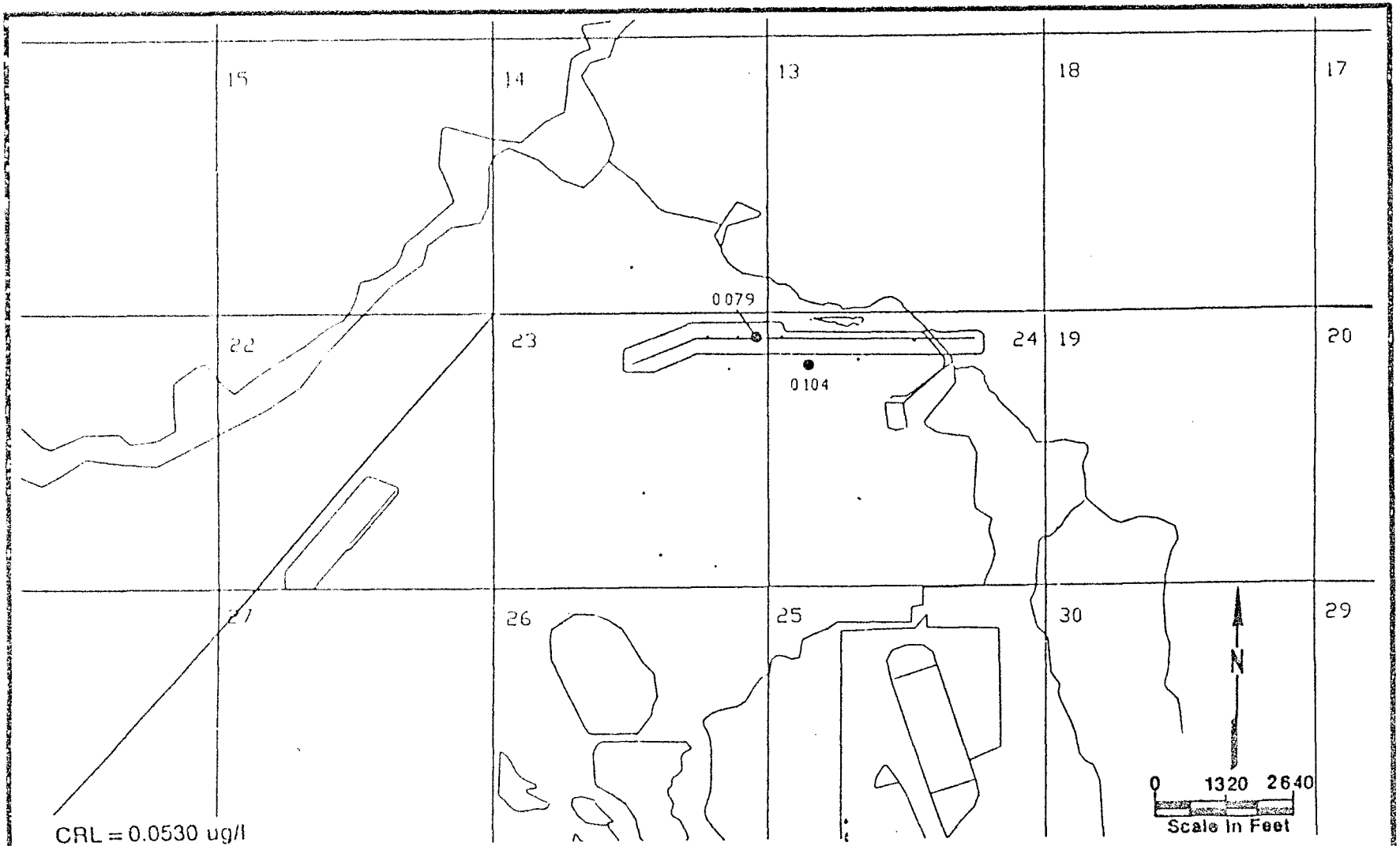


Figure B-109D
FOURTH QUARTER, FY87
DIELDRIN DETECTIONS, SAND 2
DENVER AQUIFER
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

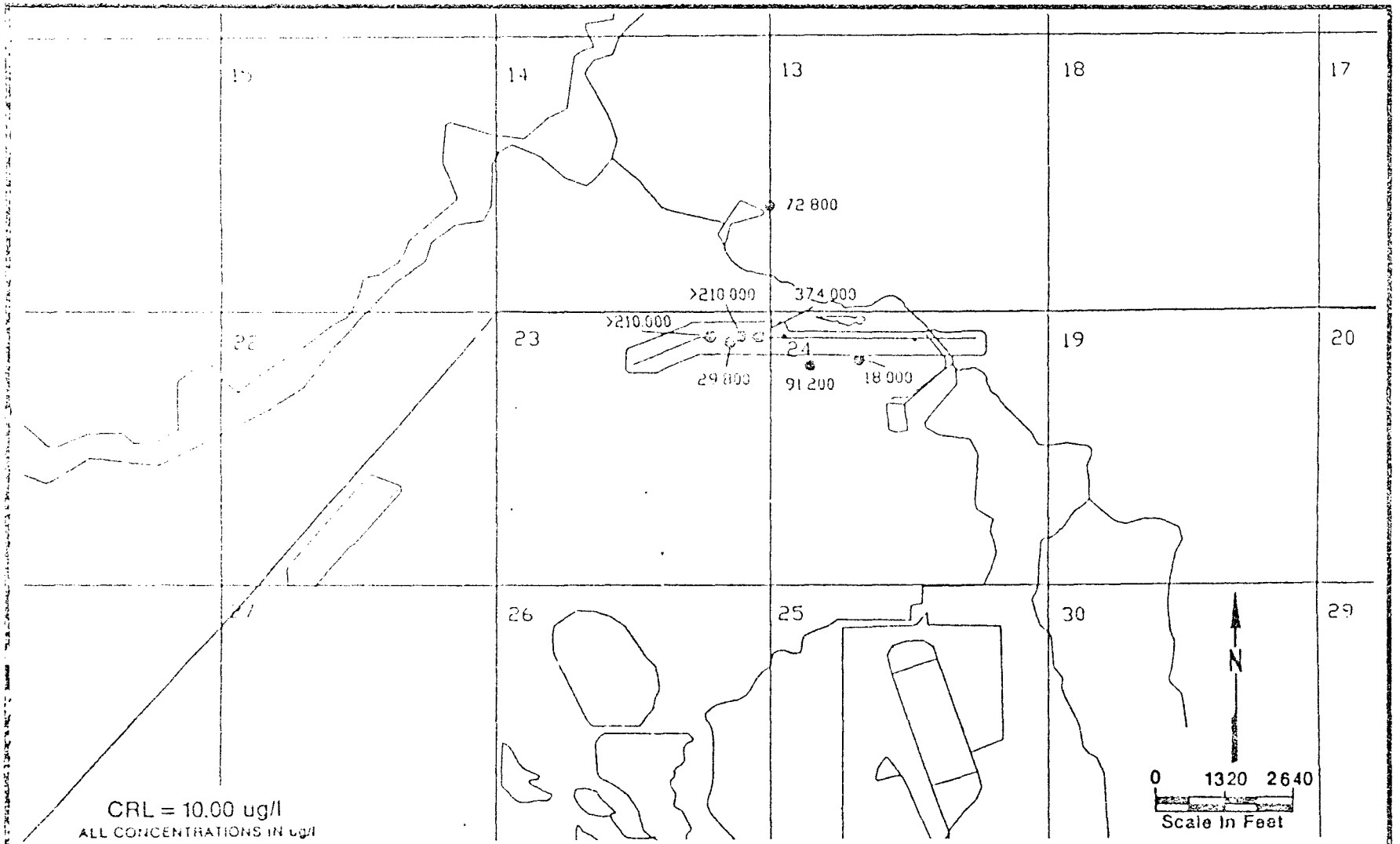


Figure 8-110A
FIRST QUARTER, FY87
DIMP DETECTIONS, SAND 2
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

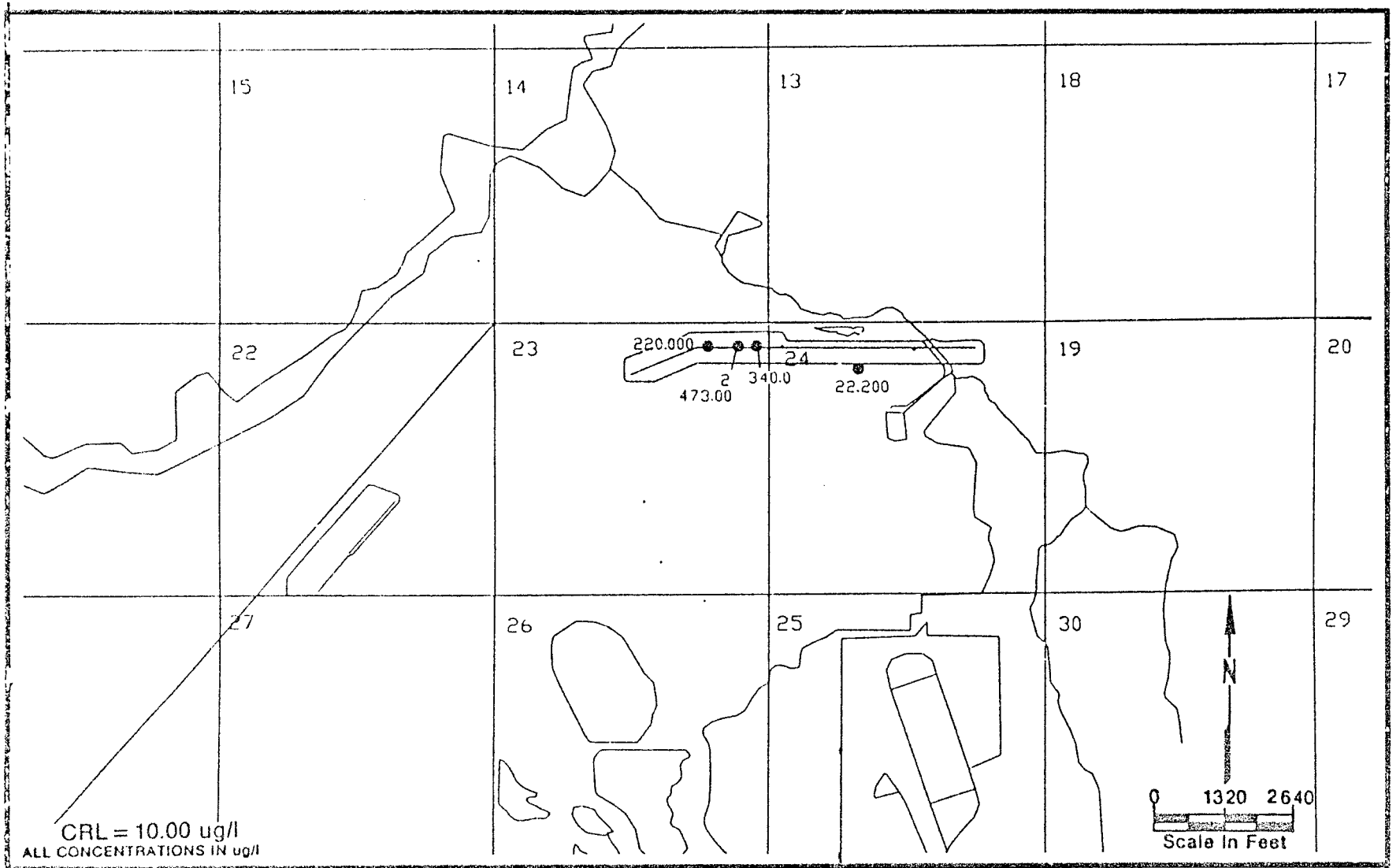


Figure B-110B
SECOND QUARTER, FY87
DIMP DETECTIONS, SAND 2
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

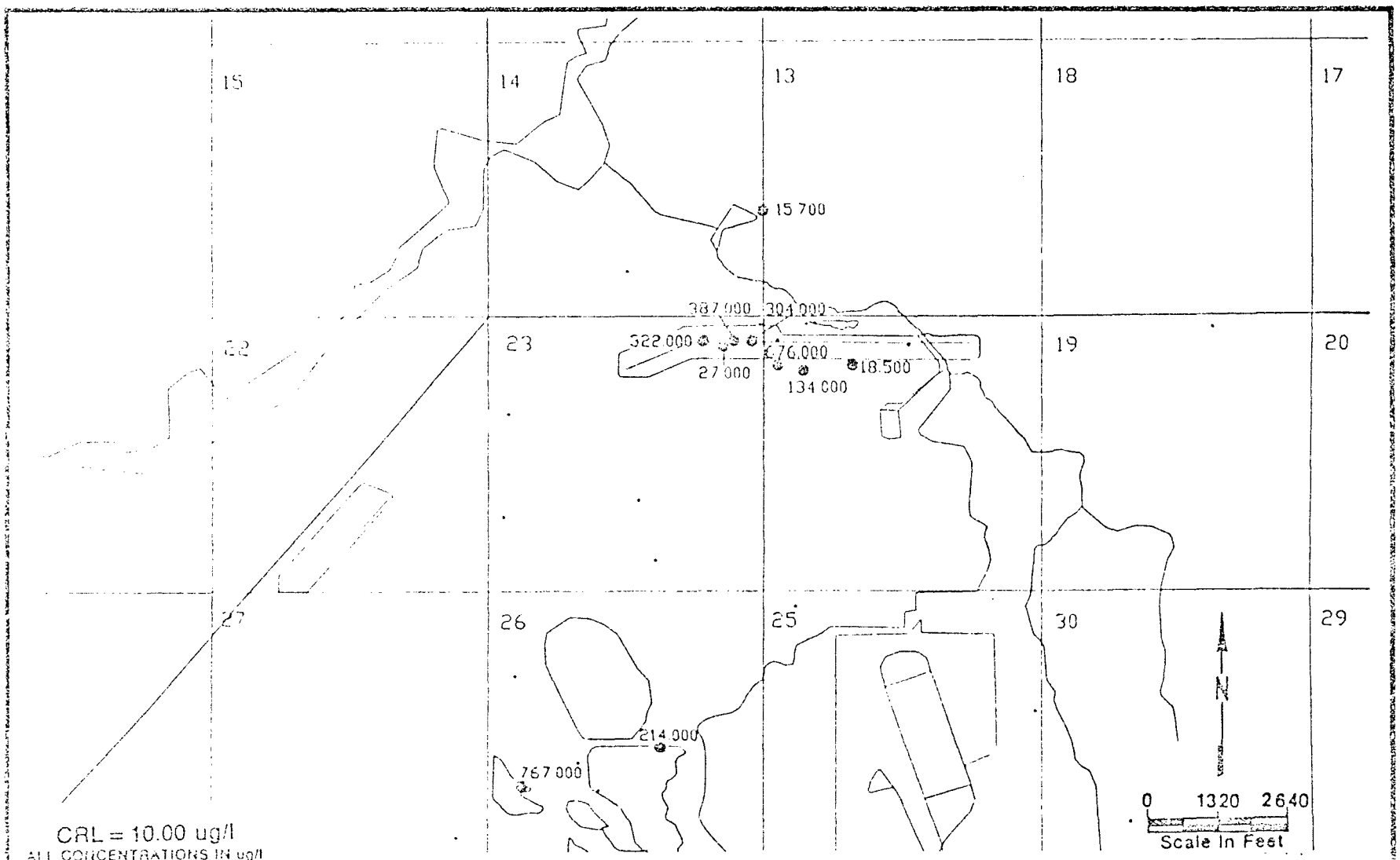
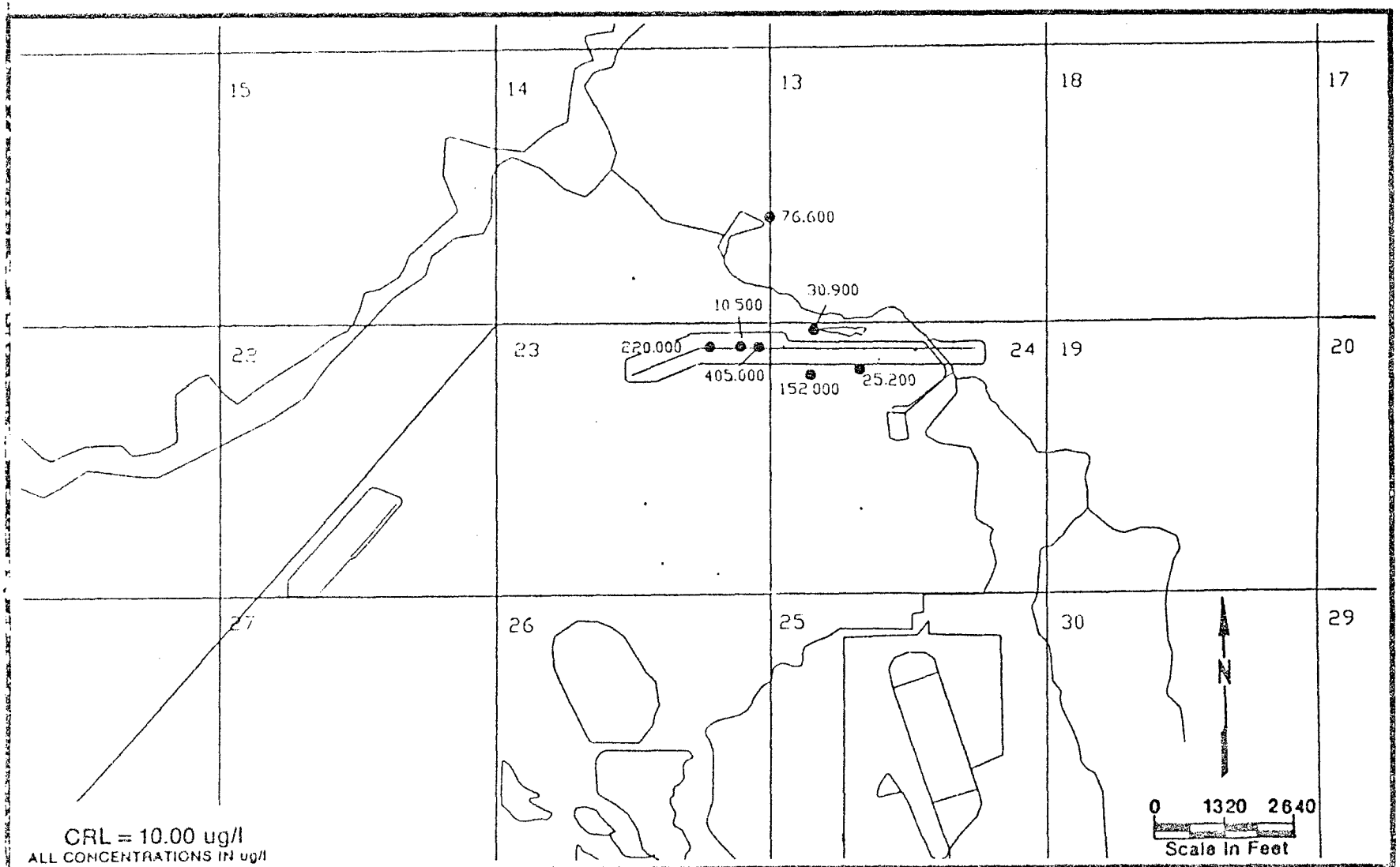


Figure 8-110C
THIRD QUARTER, FY87
DIMP DETECTIONS, SAND 2
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



CRL = 10.00 ug/l
ALL CONCENTRATIONS IN ug/l

Figure B-110D
FOURTH QUARTER, FY87
DIMP DETECTIONS, SAND 2
DENVER AQUIFER
SOURCE ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

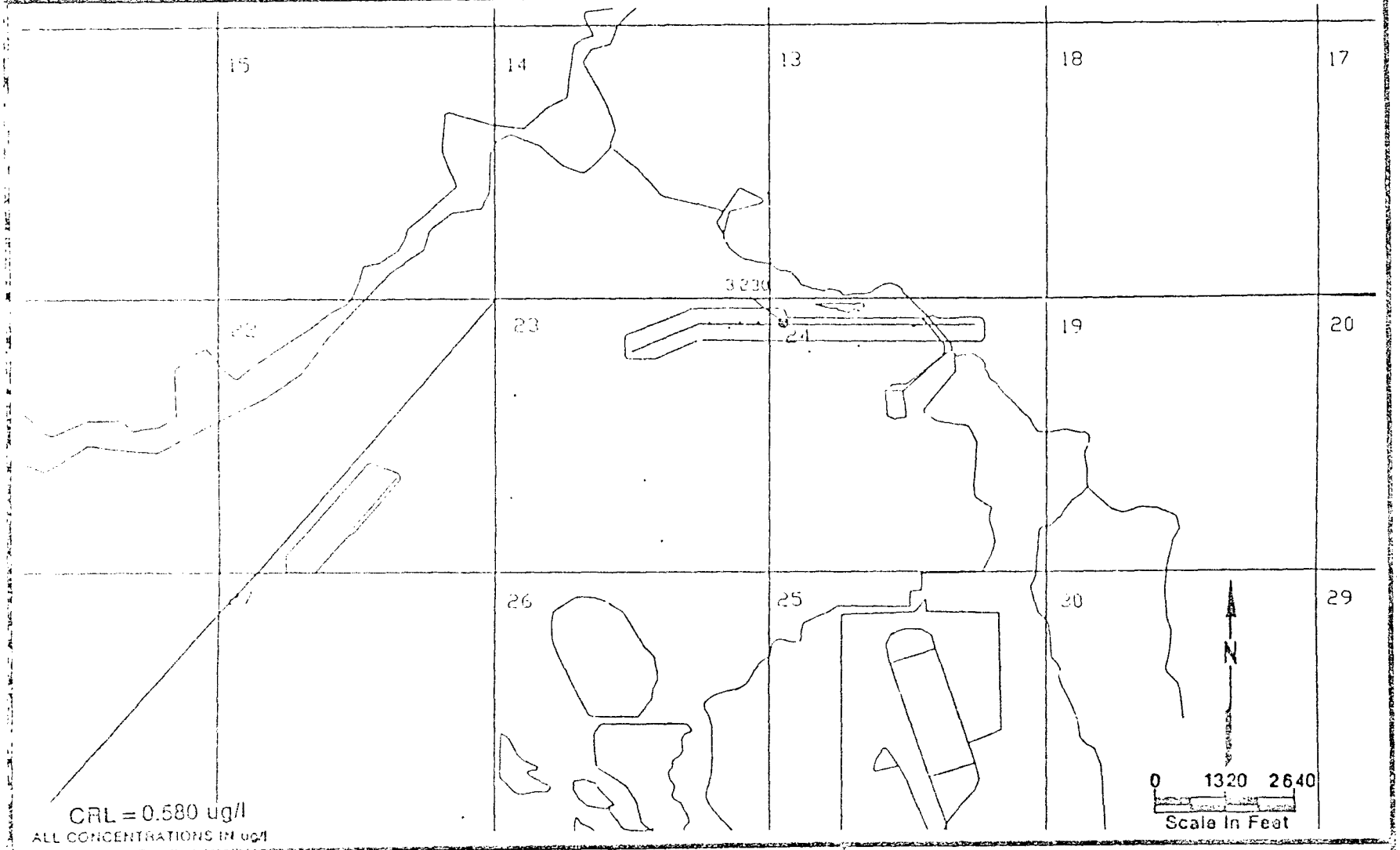


Figure B-111A
FIRST QUARTER, FY 87
CHLOROBENZENE DETECTIONS, SAND 2
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

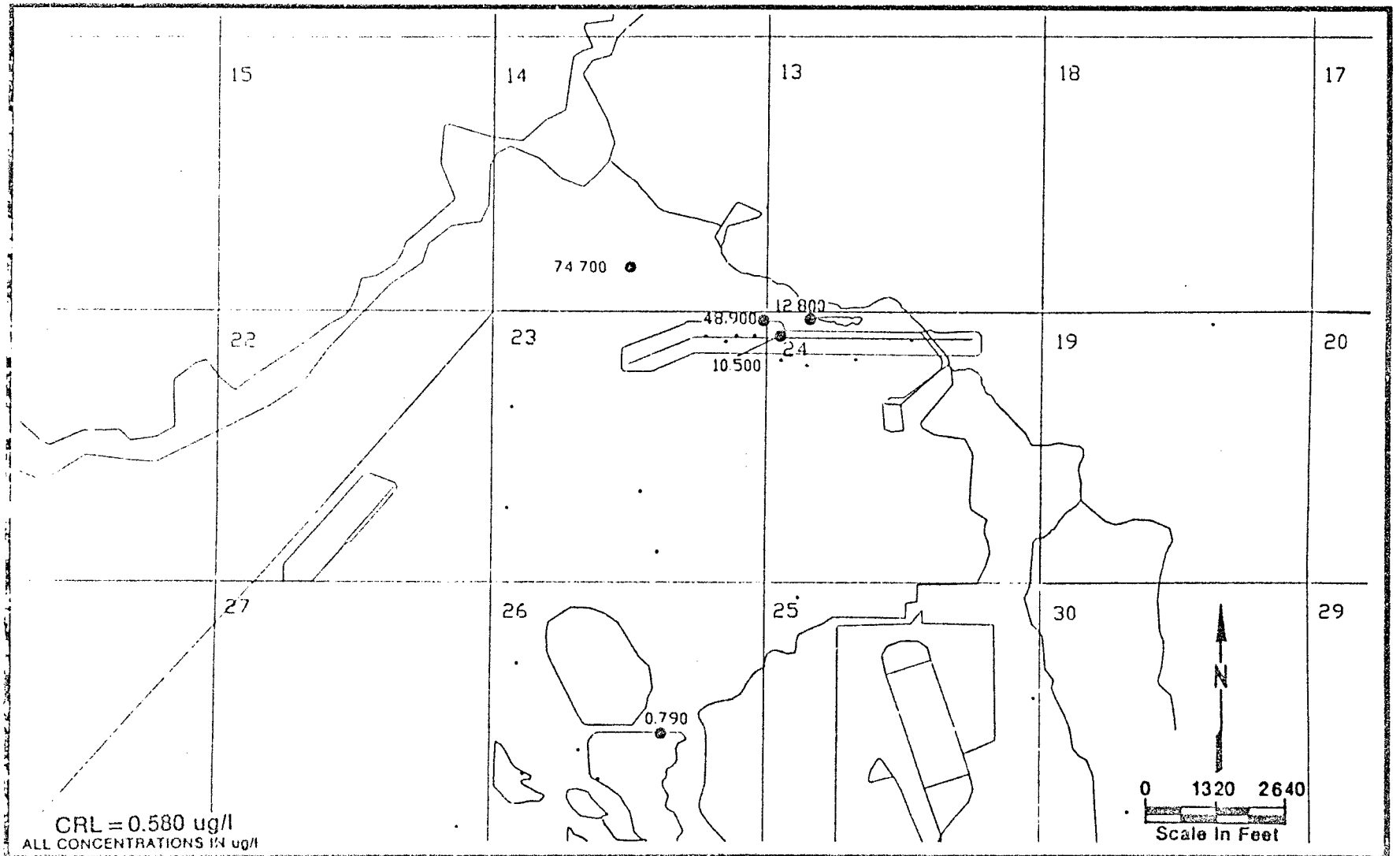


Figure B-111B
THIRD QUARTER, FY 87
CHLOROBENZENE DETECTIONS, SAND 2
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

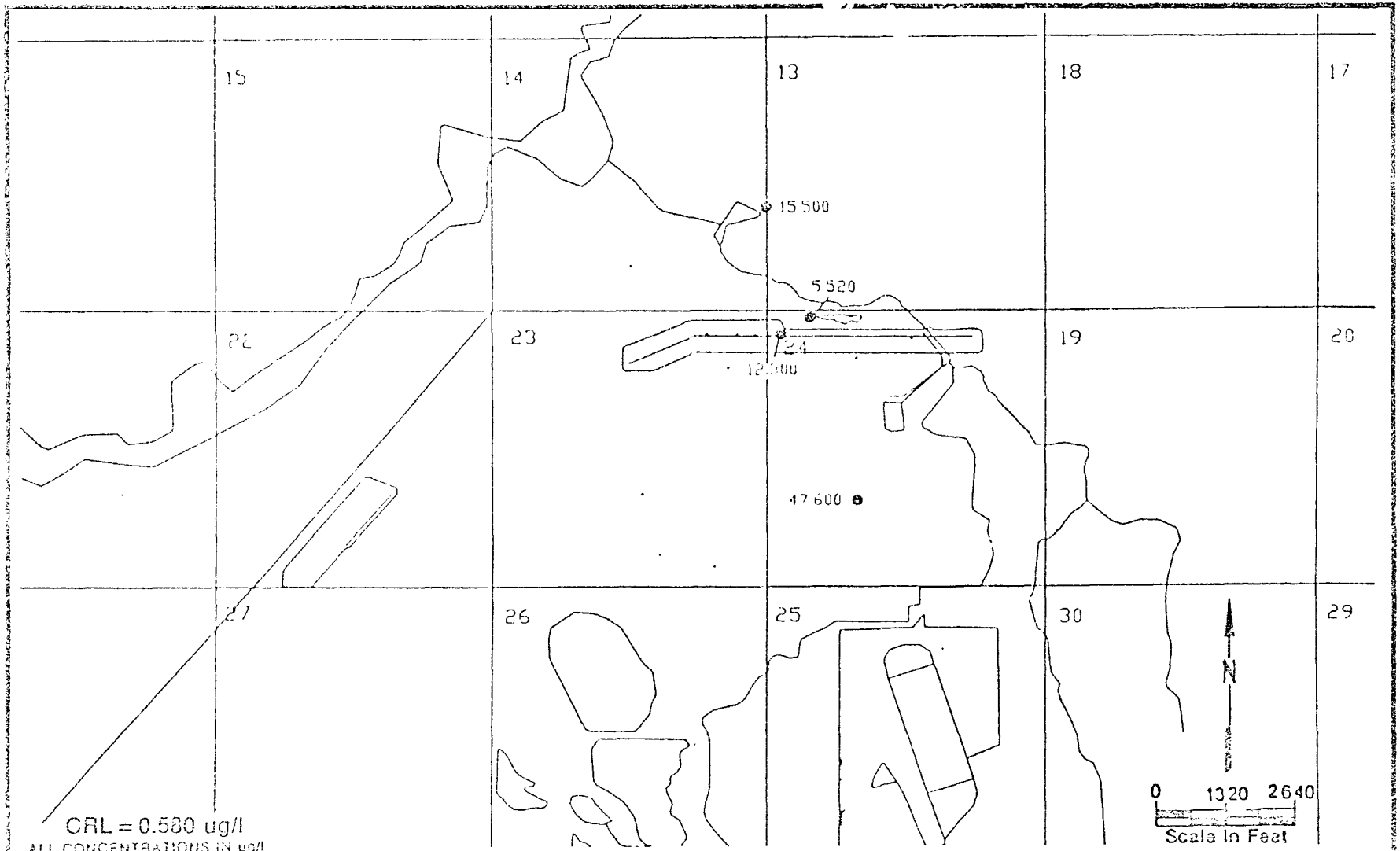


Figure B-111C
FOURTH QUARTER, FY87
CHLOROBENZENE DETECTIONS, SAND 2
DENVER AQUIFER
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

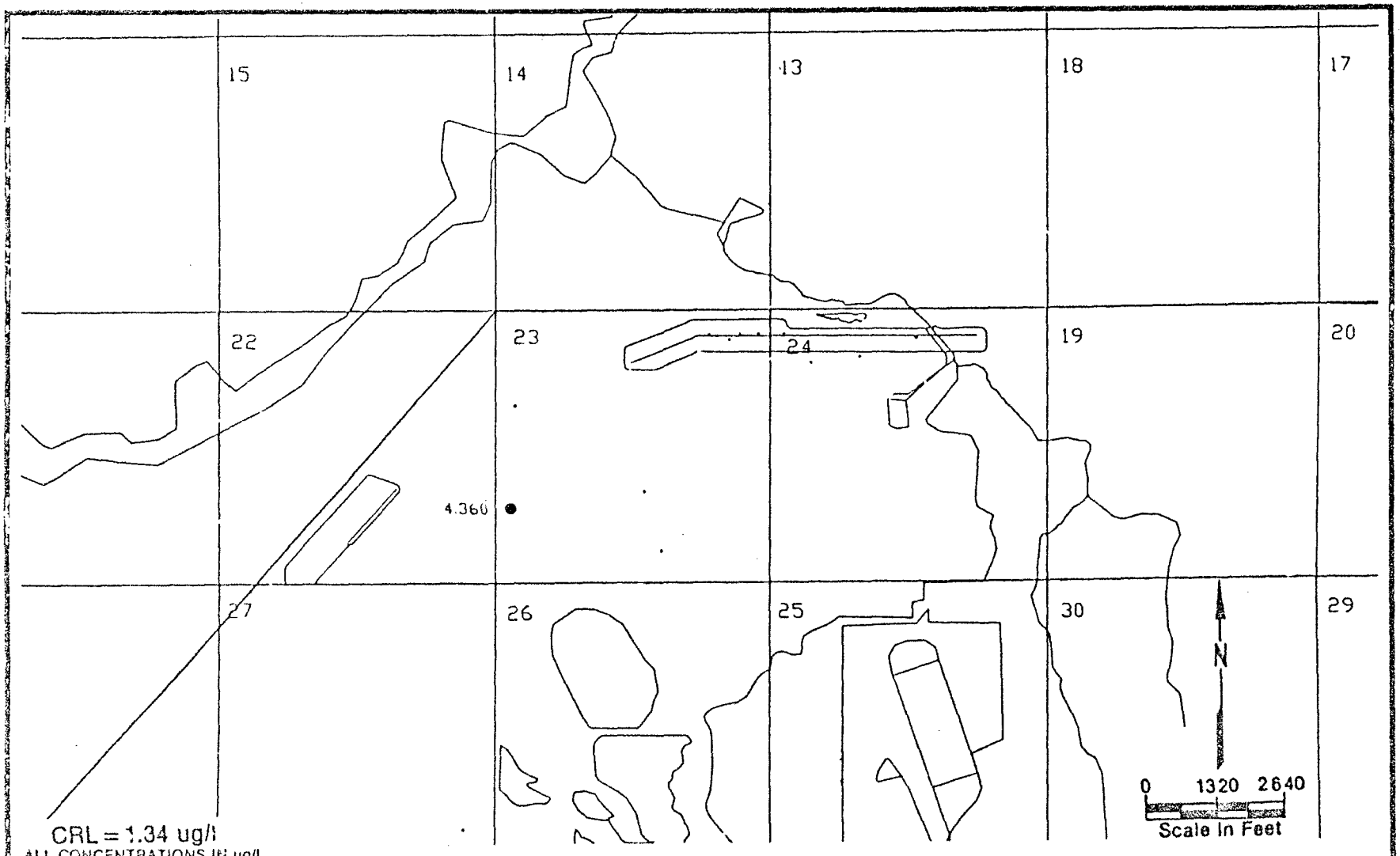


Figure 8-112A
FIRST QUARTER, FY 87
BENZENE DETECTIONS, SAND 2
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

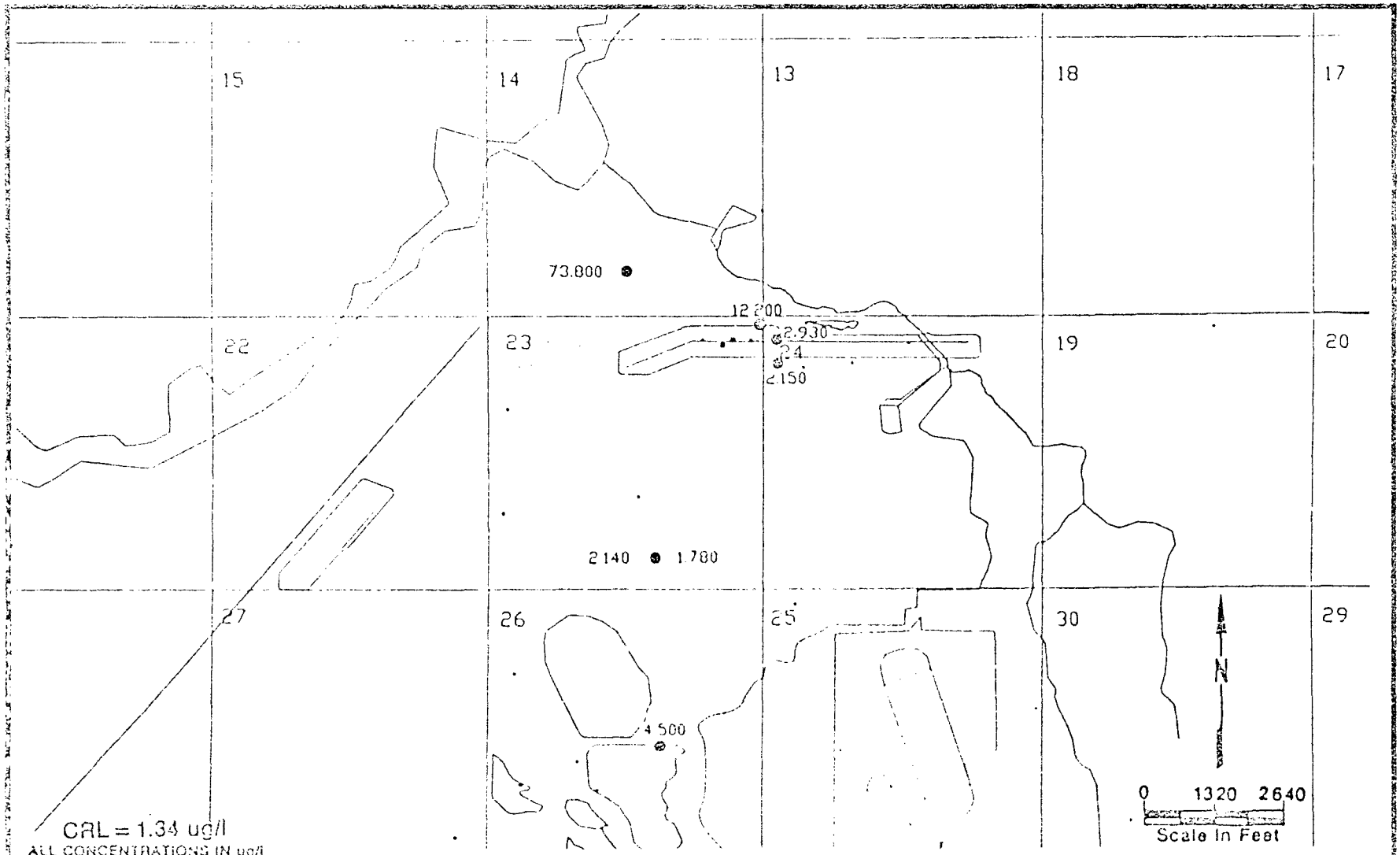


Figure B-112B
THIRD QUARTER, FY87
BENZENE DETECTIONS, SAND 2
DENVER AQUIFER

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

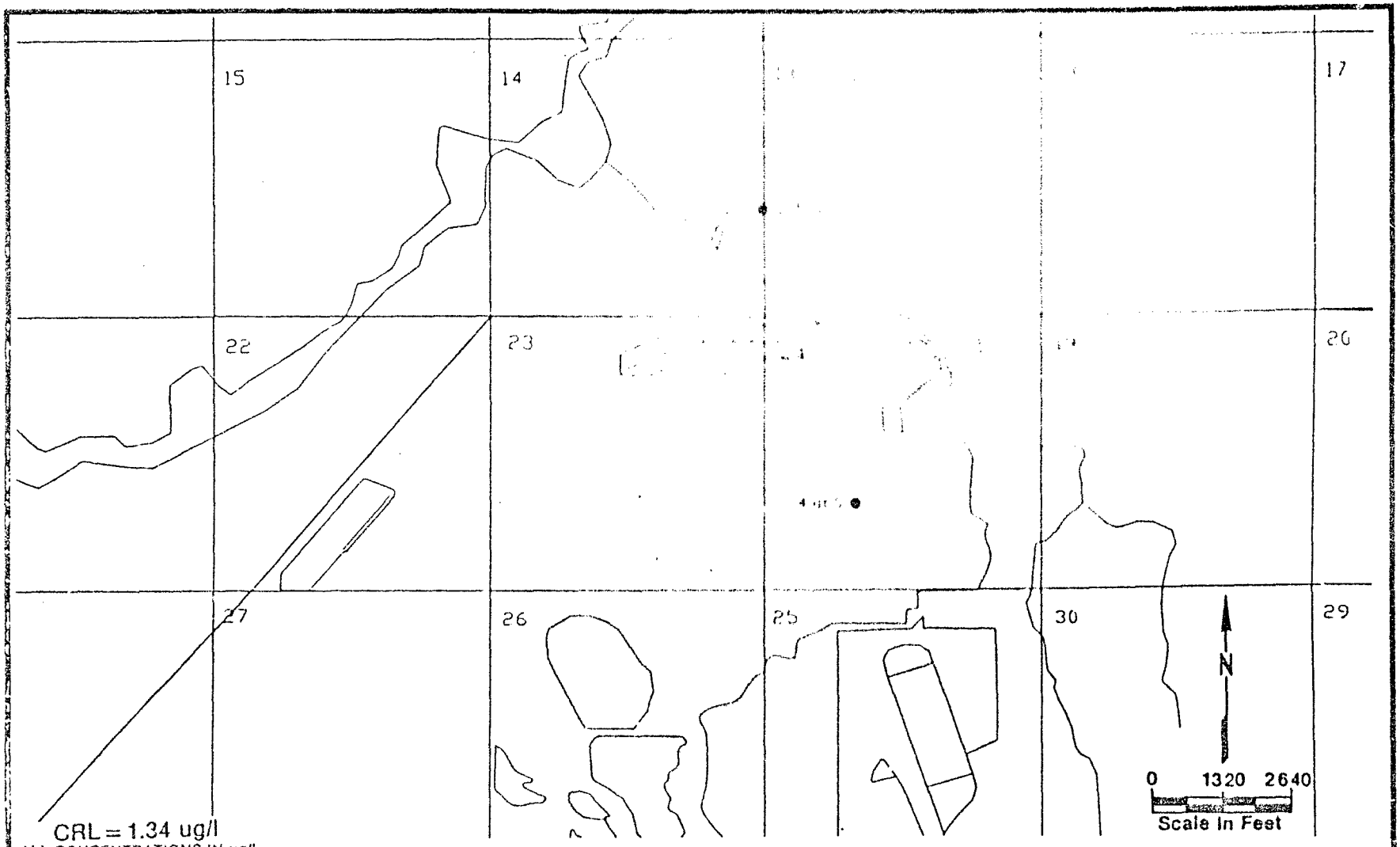


Figure B-112C
FOURTH QUARTER, FY87
BENZENE DETECTIONS, SAND 2
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

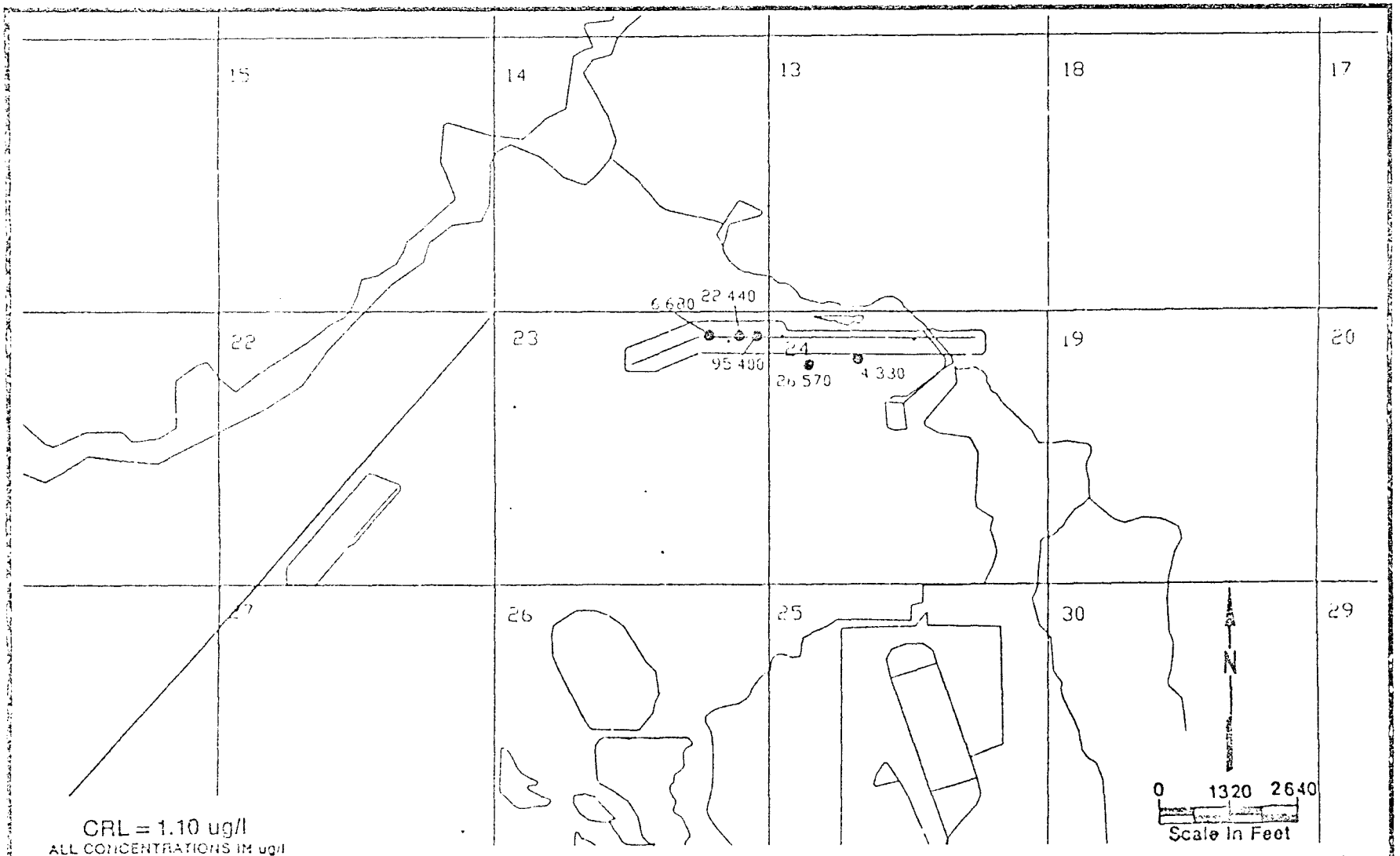


Figure B-113A
FIRST QUARTER, FY87
COMBINED ORGANOSULFURS DETECTIONS, SAND 2
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

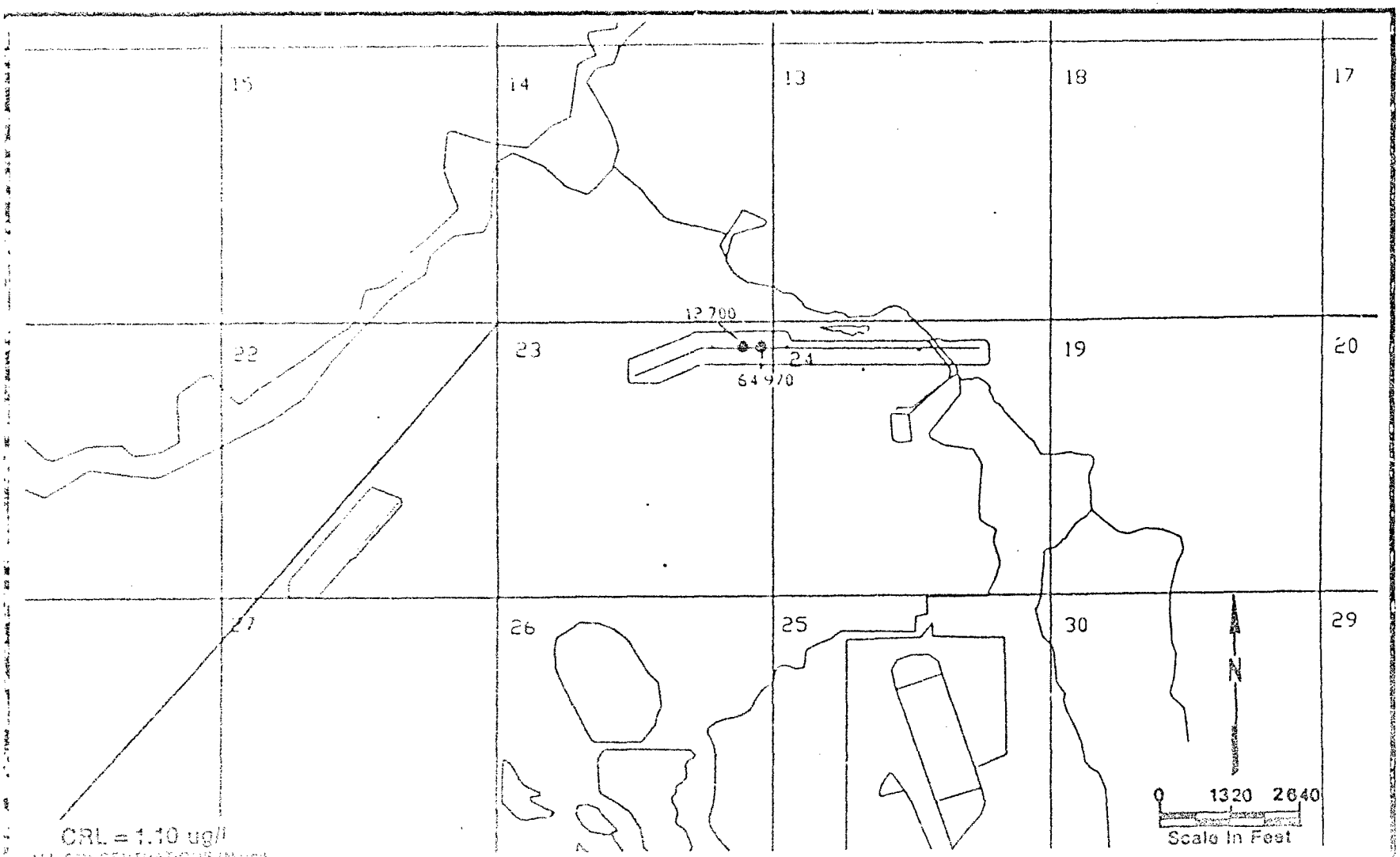


Figure E-1.3.3
SECOND QUARTER, FY87
DEMONSTRATION OF 3 MICROCULTURE DETECTIONS, BAND 2
DENVER, COLORADO

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

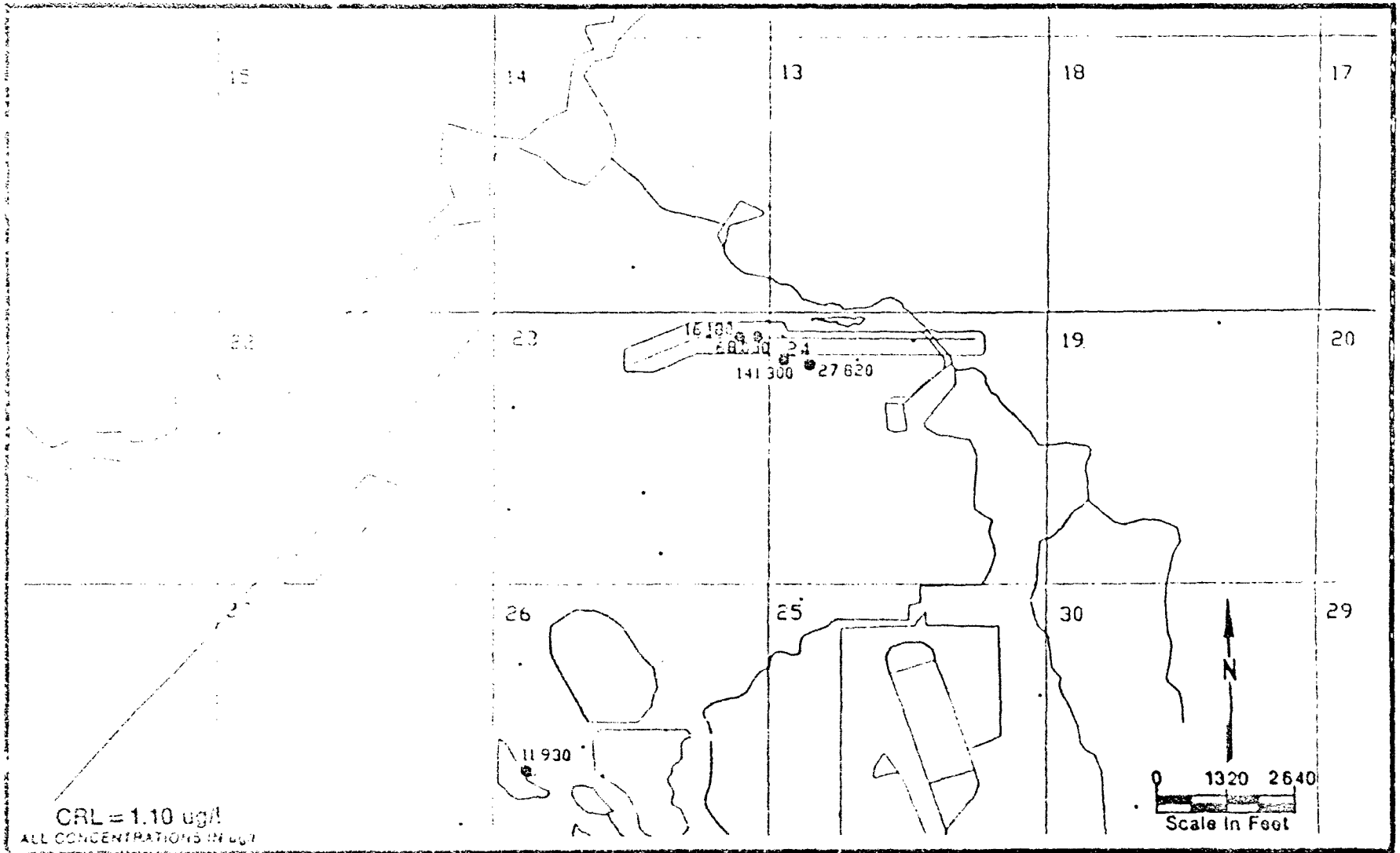


Figure B-113C
THIRD QUARTER, FY 87
COMBINED ORGANOSULFERS DETECTIONS, SAND 2
DENVER AQUIFER

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

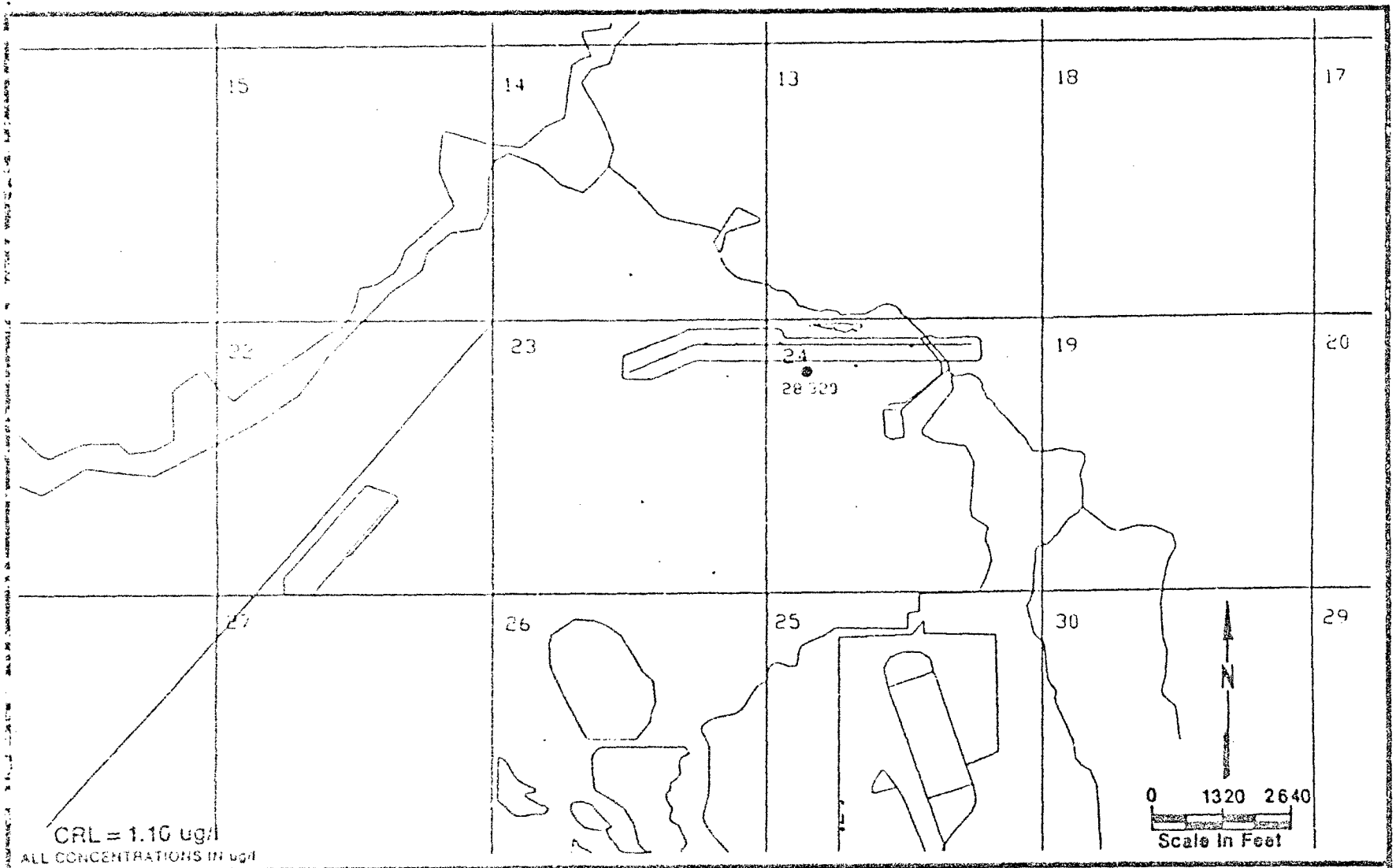


Figure B-113D
FOURTH QUARTER, FY87
COMBINED ORGANOSULFERS DETECTIONS, SAND 2
DENVER AQUIFER

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

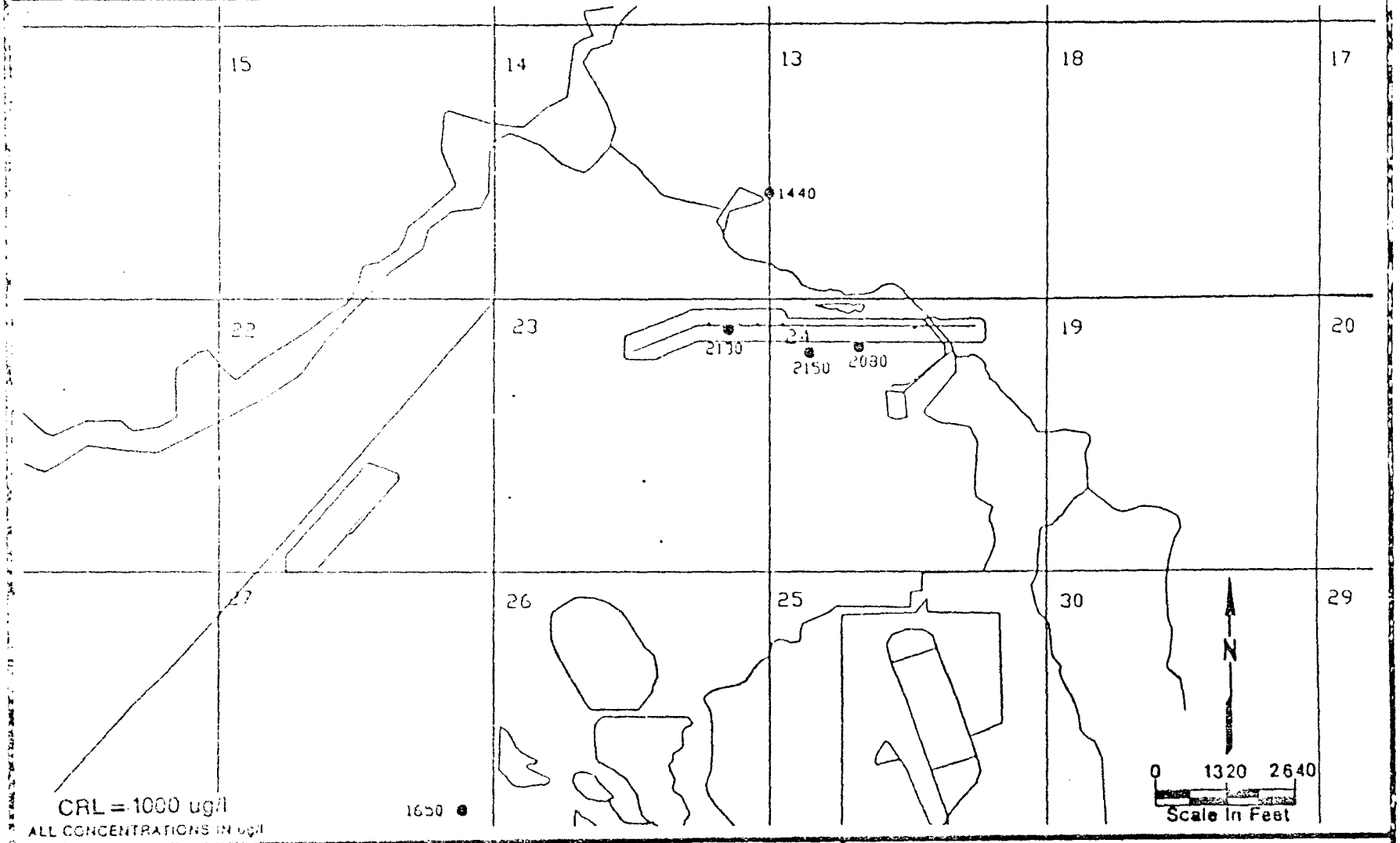


Figure B-114A
FIRST QUARTER, FY87
FLUORIDE DETECTIONS, SAND 2
DENVER AQUIFER
SOURCE: EGR 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

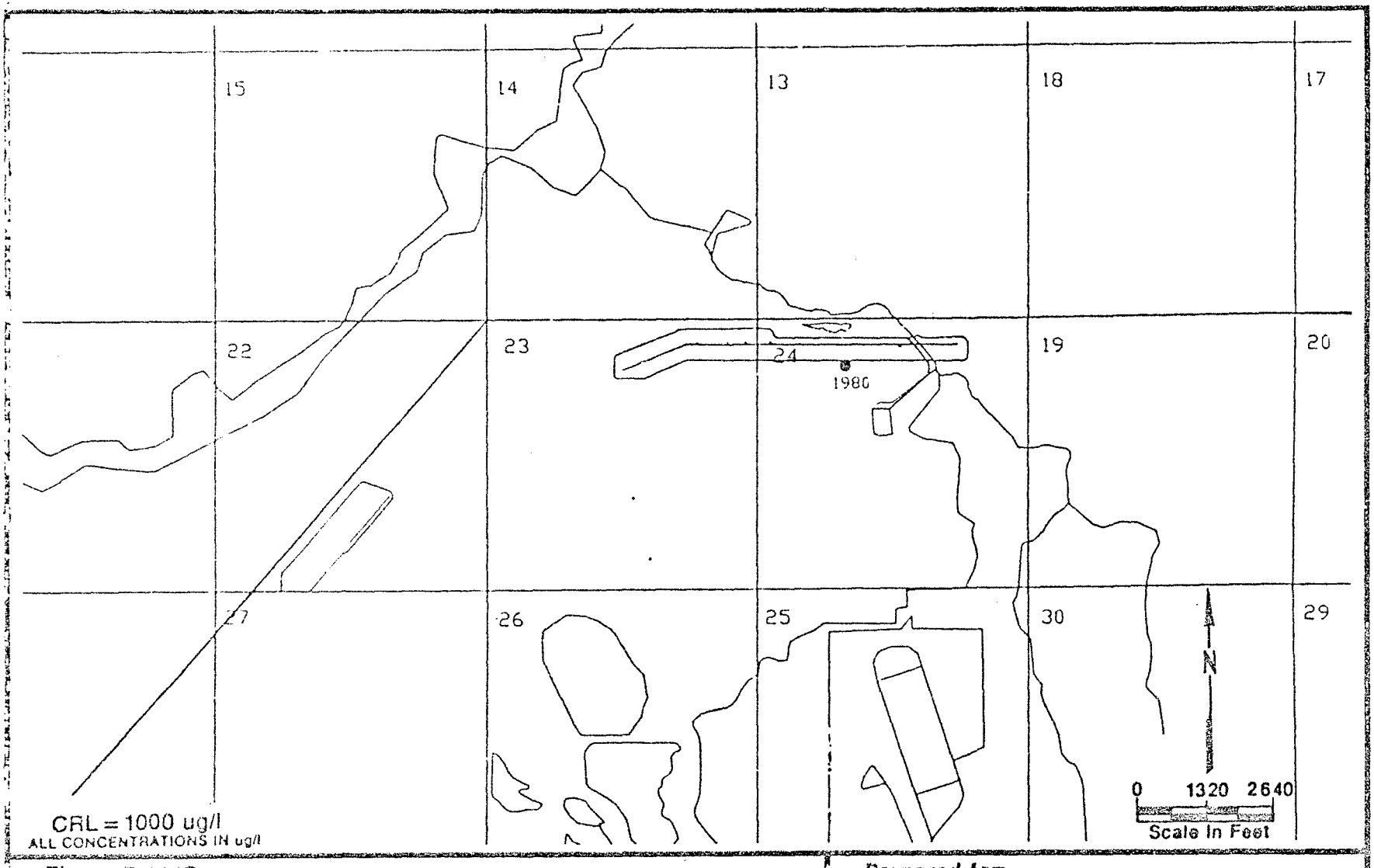


Figure B-114B
SECOND QUARTER, FY87
FLUORIDE DETECTIONS, SAND 2
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

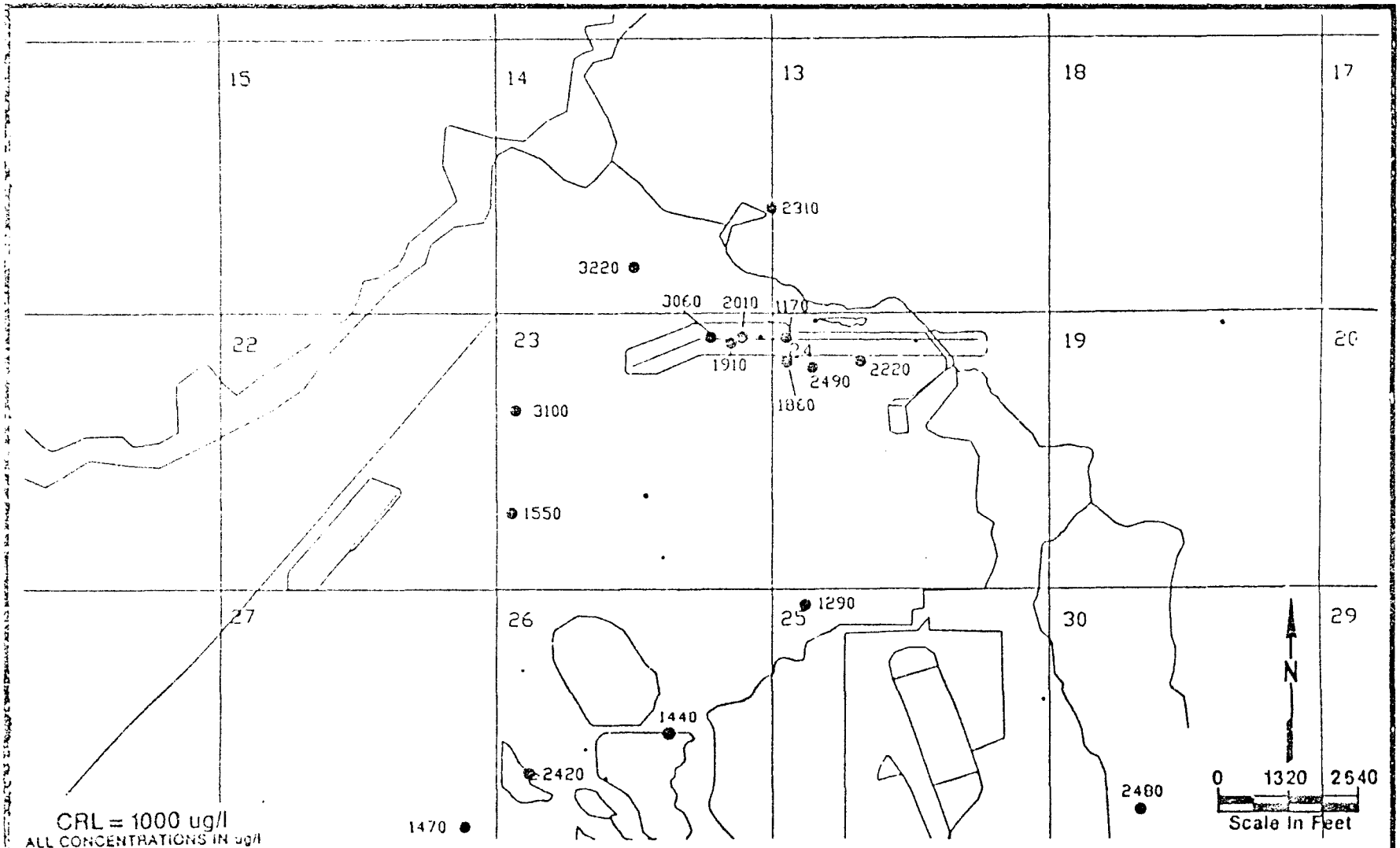


Figure B-114C
THIRD QUARTER, FY87
FLUORIDE DETECTIONS, SAND 2
DENVER AQUIFER
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

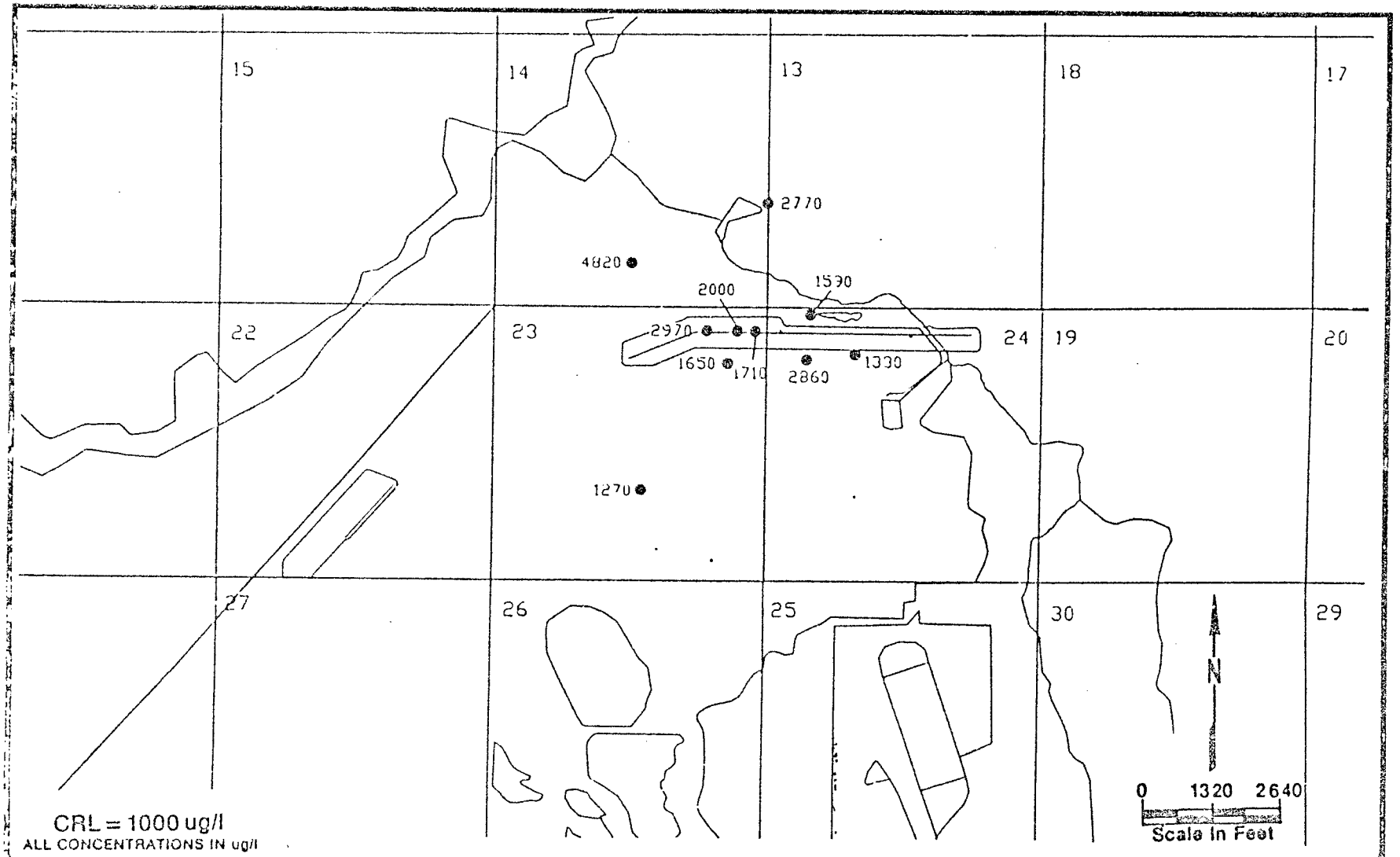


Figure B-114D
FOURTH QUARTER, FY87
FLUORIDE DETECTIONS, SAND 2
DENVER AQUIFER
SOURCE: ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

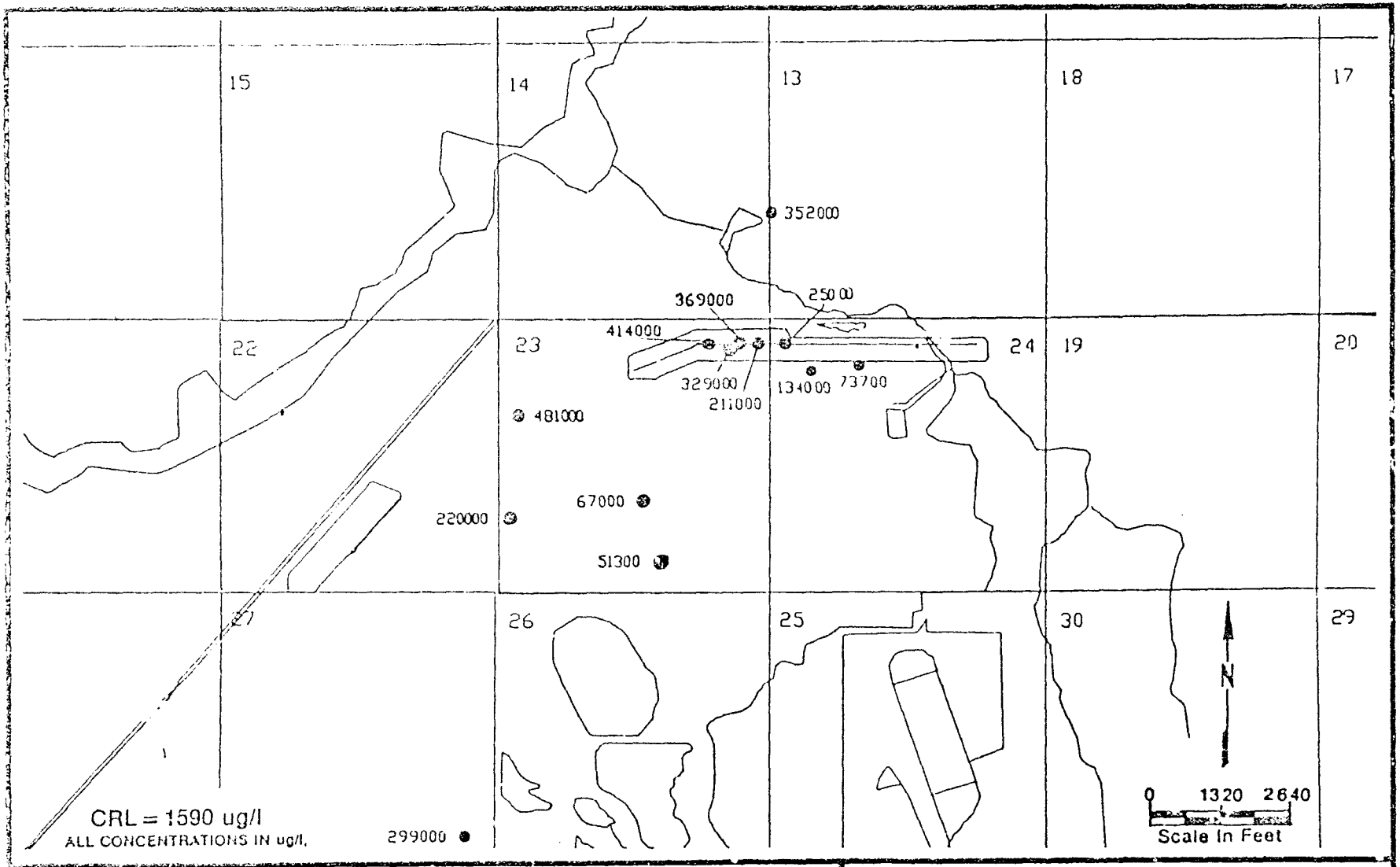


Figure B-115 A
FIRST QUARTER, FY87
CHLORIDE DETECTIONS, SAND 2
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

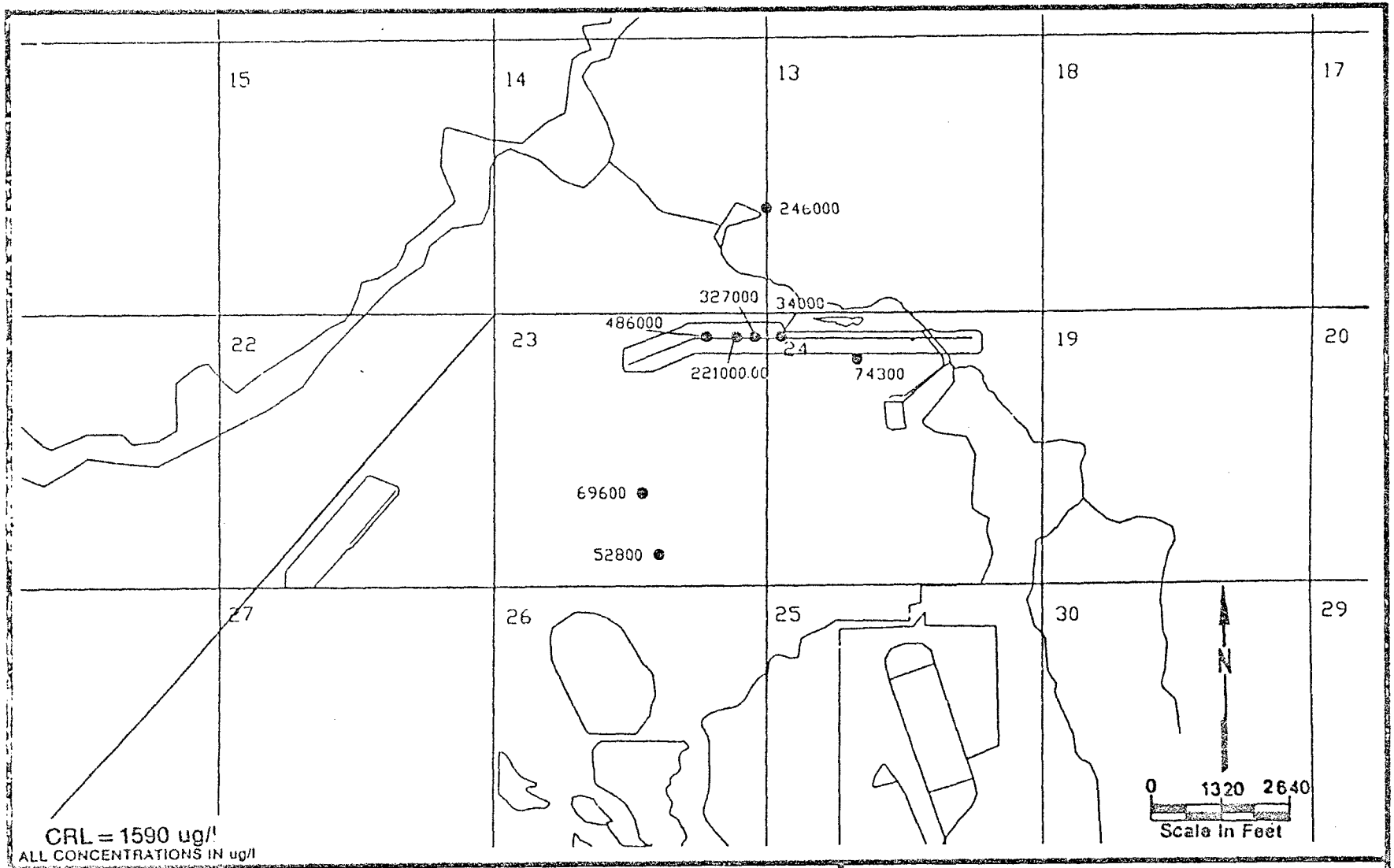


Figure B-115B
SECOND QUARTER, FY87
CHLORIDE DETECTIONS, SAND 2
DENVER AQUIFER
SOURCE ESE: 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

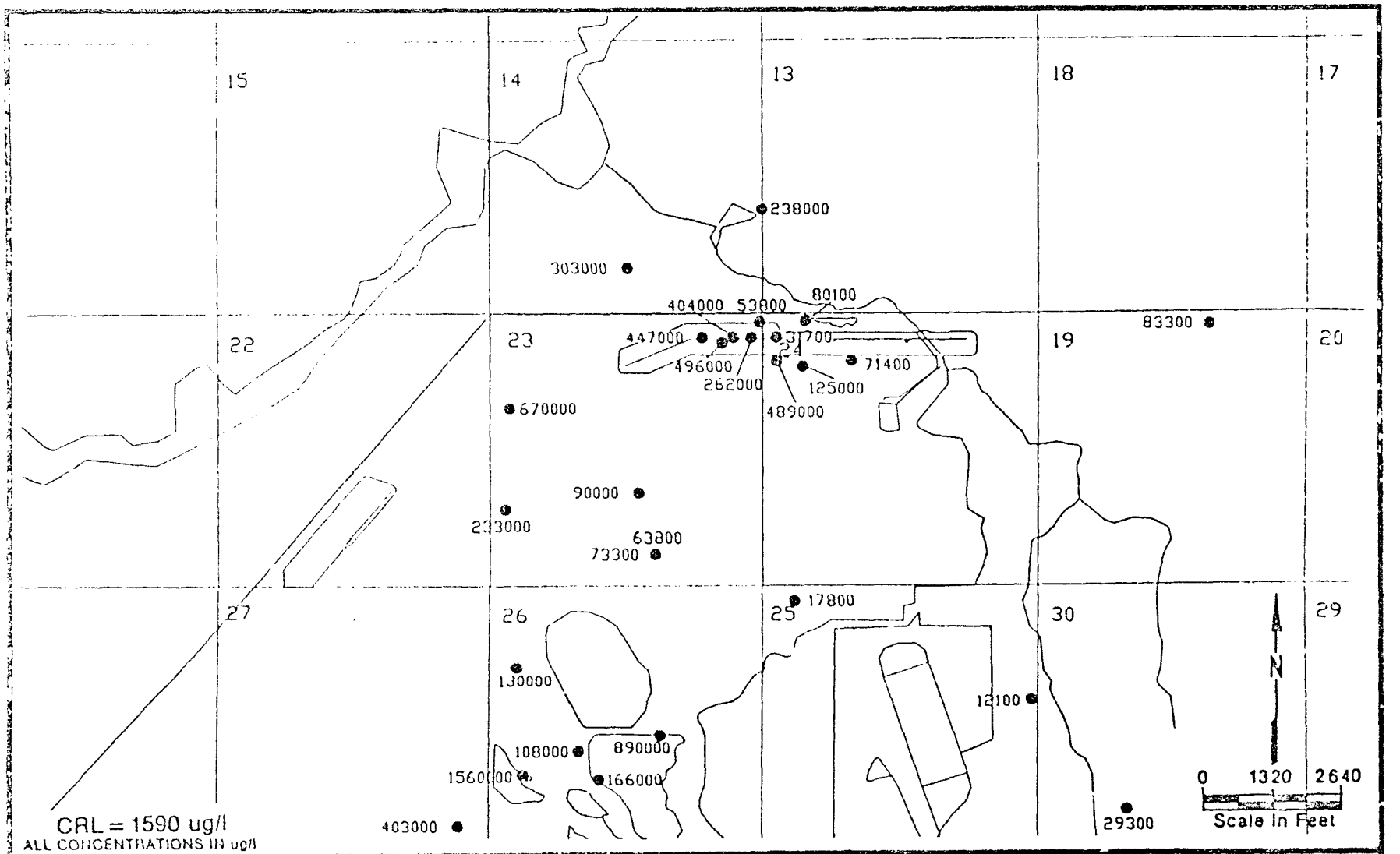


Figure B-115C
THIRD QUARTER, FY87
CHLORIDE DETECTIONS, SAND 2
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

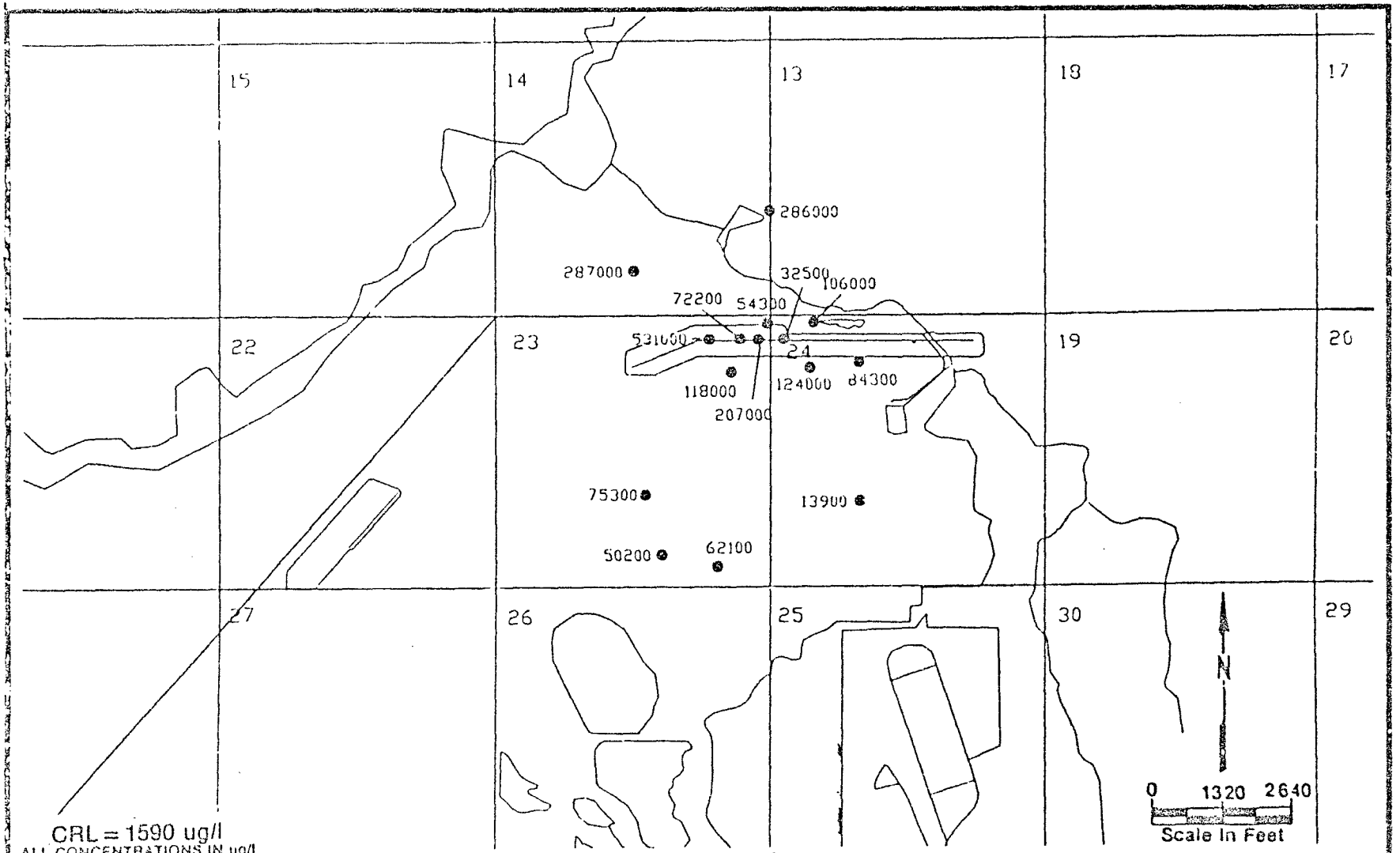


Figure B-115 D
FOURTH QUARTER, FY87
CHLORIDE DETECTIONS, SAND 2
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

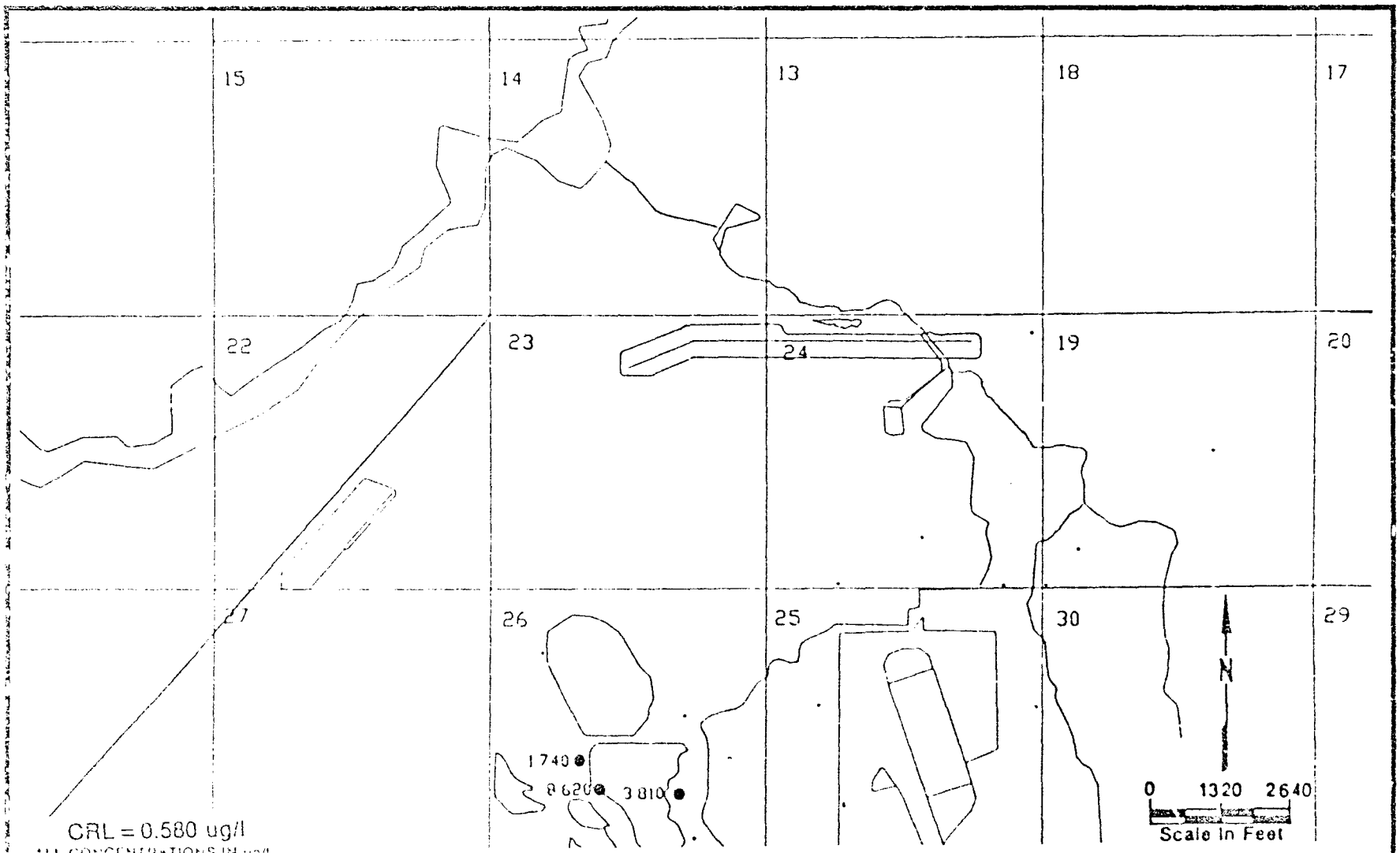


Figure B-116
THIRD QUARTER, FY 87
CHLOROBENZENE DETECTIONS, SAND 1
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

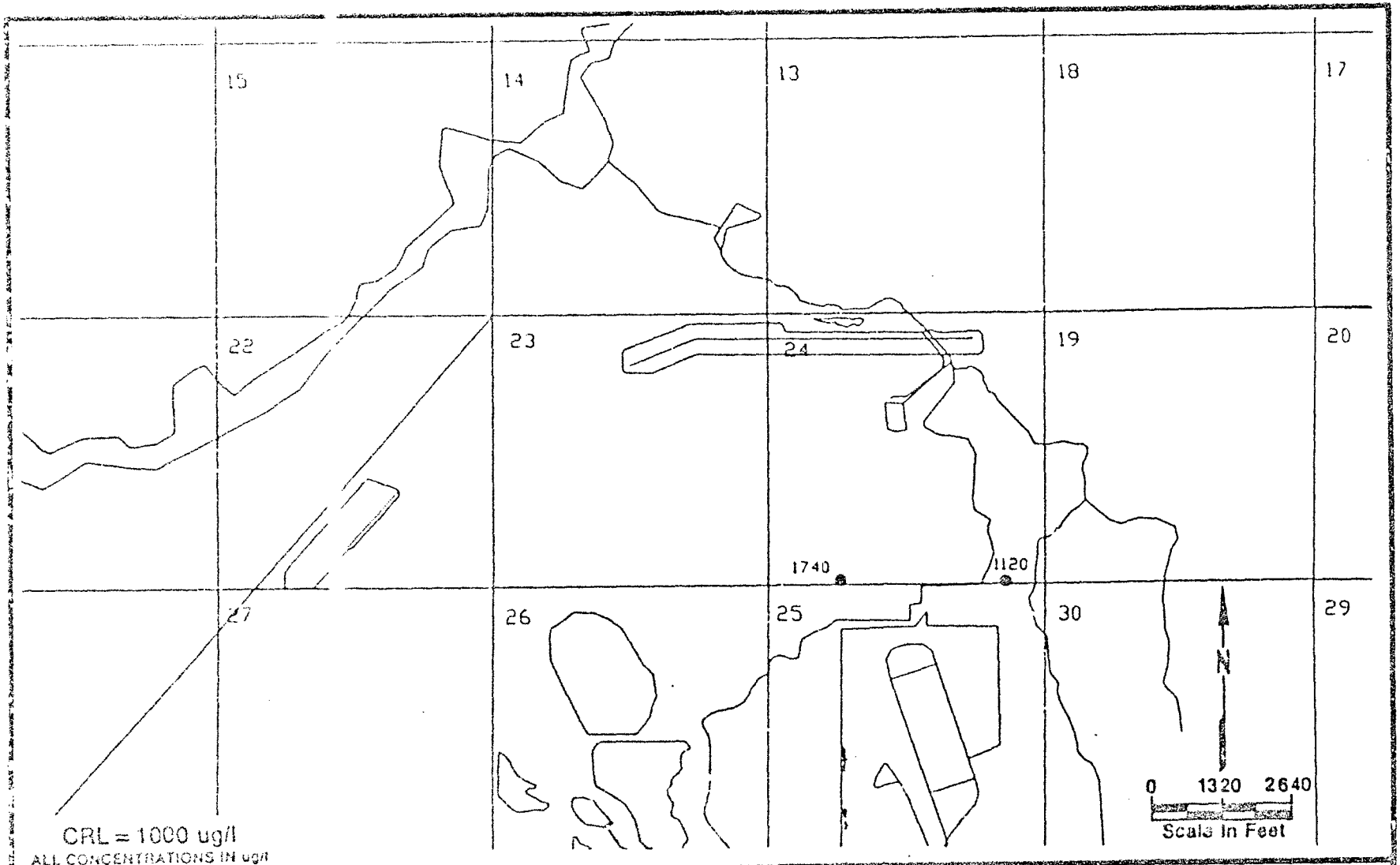


Figure B-117A
FIRST QUARTER, FY87
FLUORIDE DETECTIONS, SAND 1
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

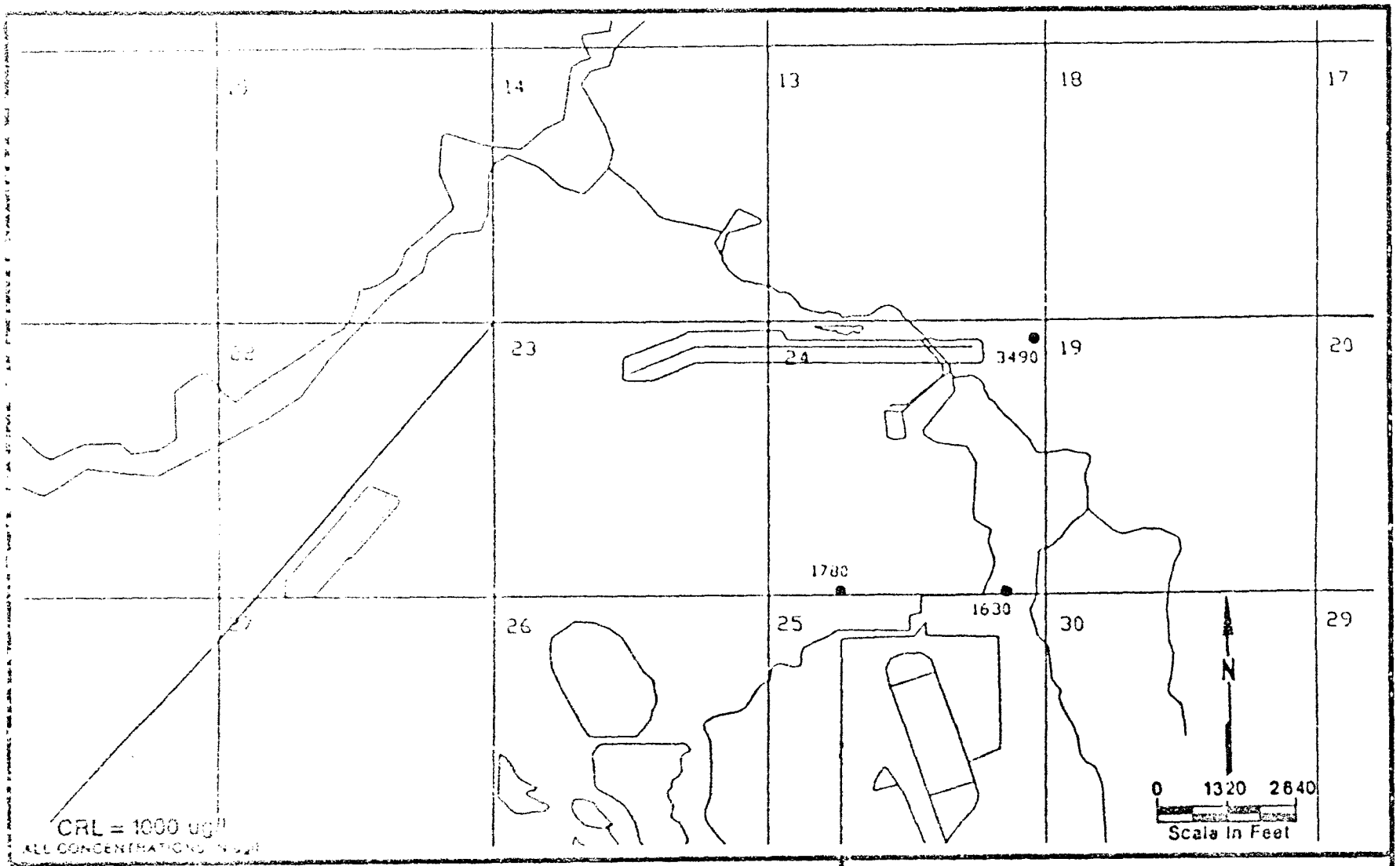


Figure B-1175
SECOND QUARTER, FY87
FLUORIDE DETECTIONS, SAND 1
DENVER AQUIFER

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

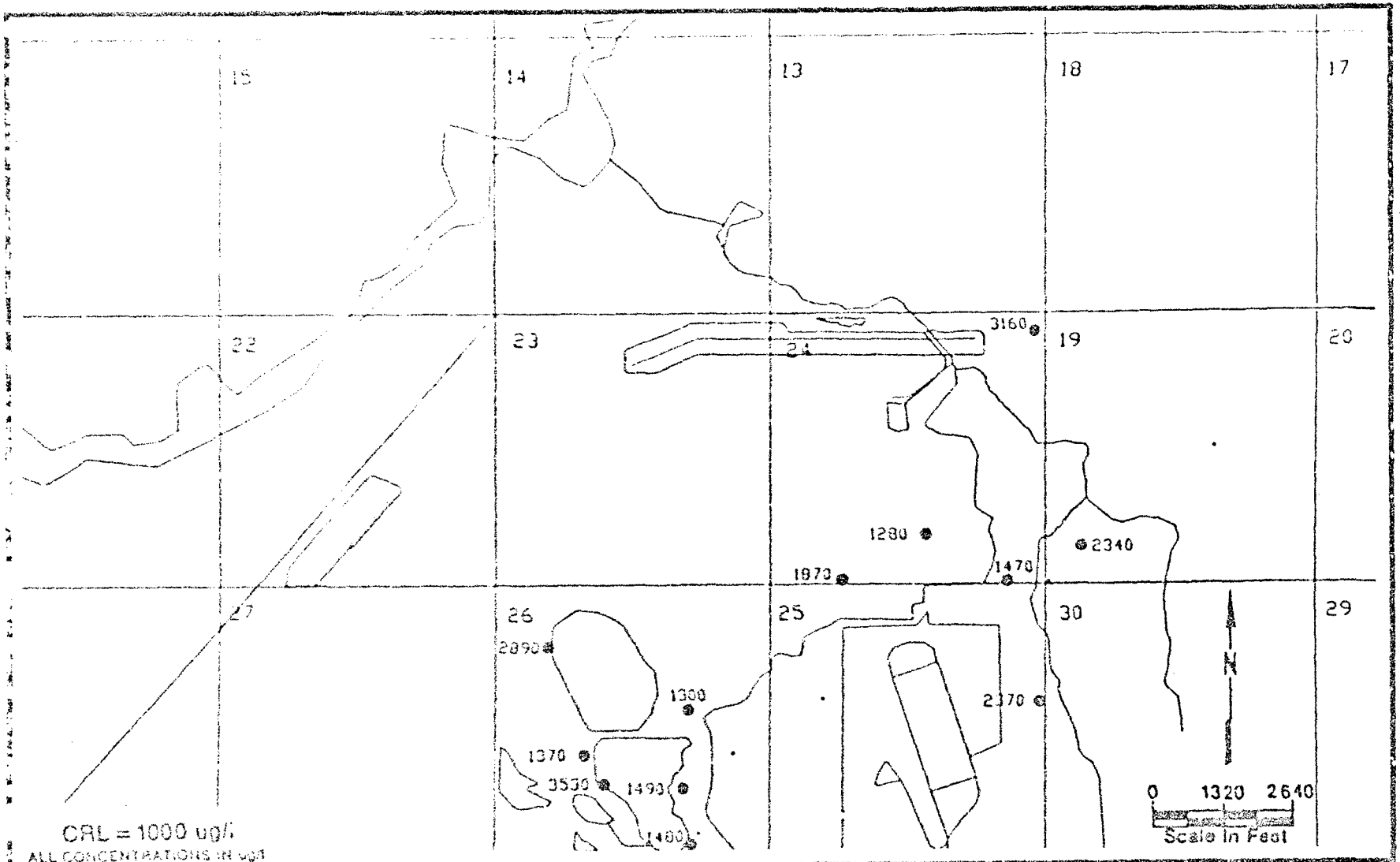


Figure B-117C
THIRD QUARTER, FY87
FLUORIDE DETECTIONS, SAND 1
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

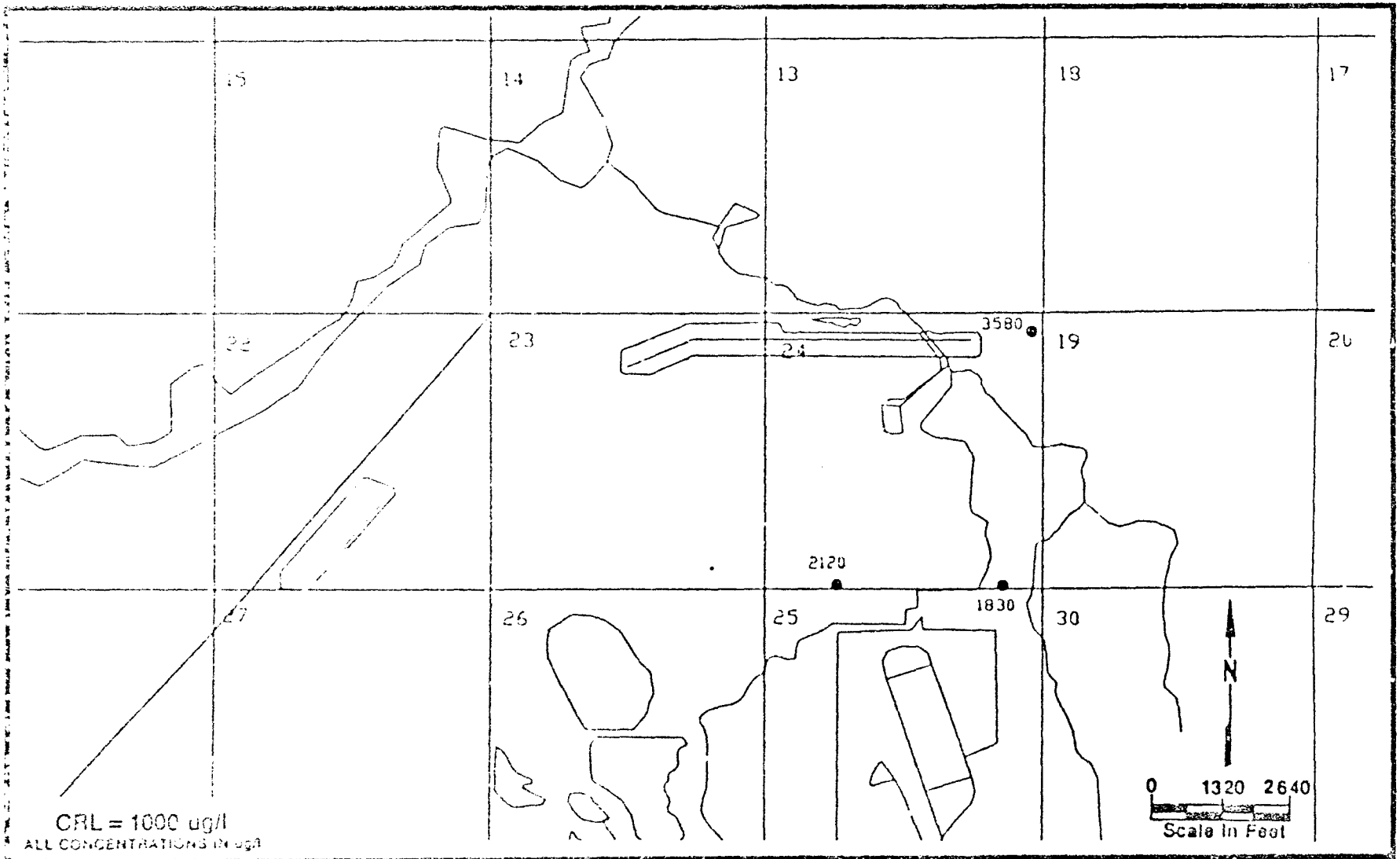


Figure B-117D
FOURTH QUARTER FY87
FLUORIDE DETECTIONS, SAND 1
DENVER AQUIFER
SOURCE: EDE FMS

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

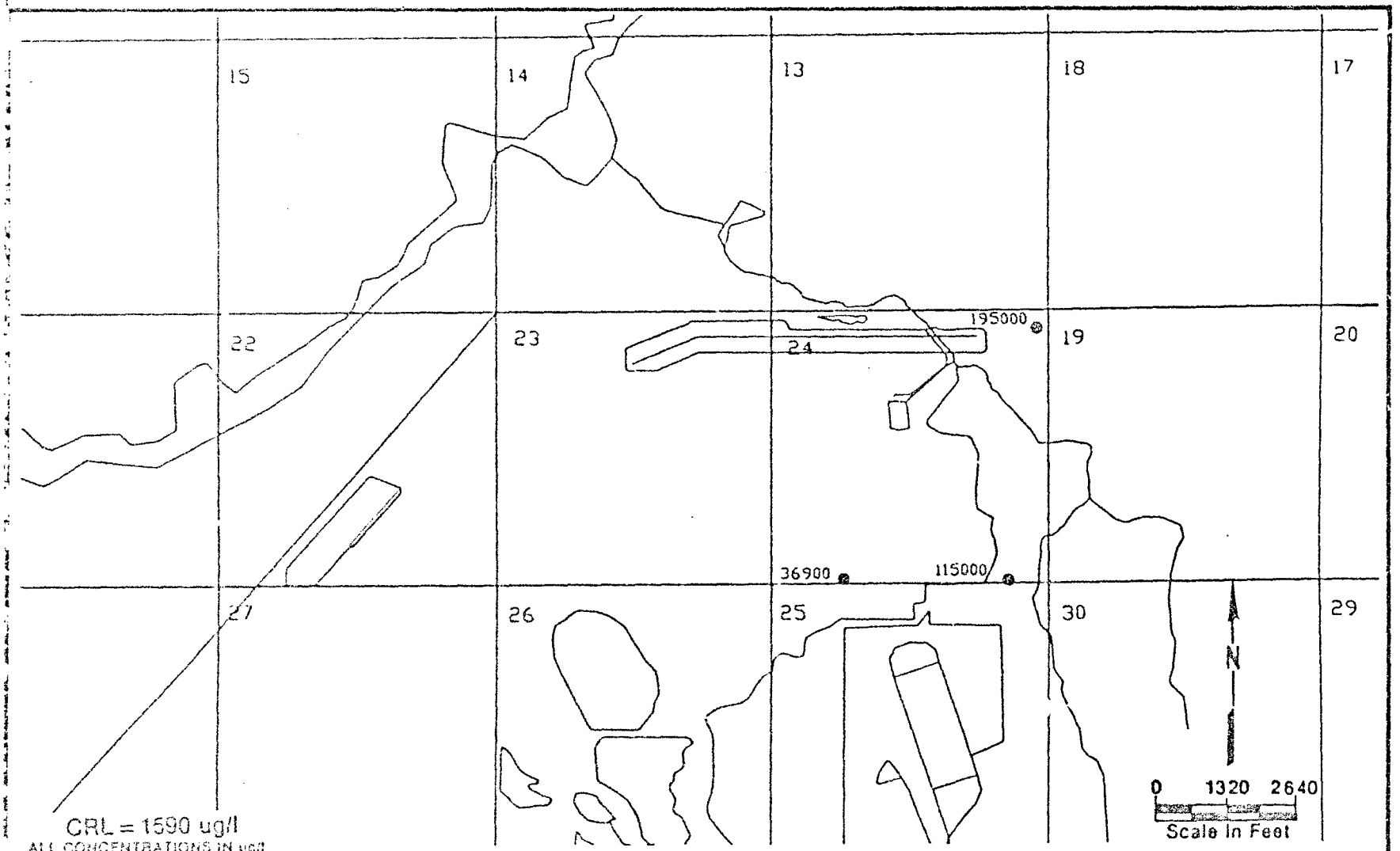


Figure B-118A
FIRST QUARTER, FY 87
CHLORIDE DETECTIONS, SAND 1
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

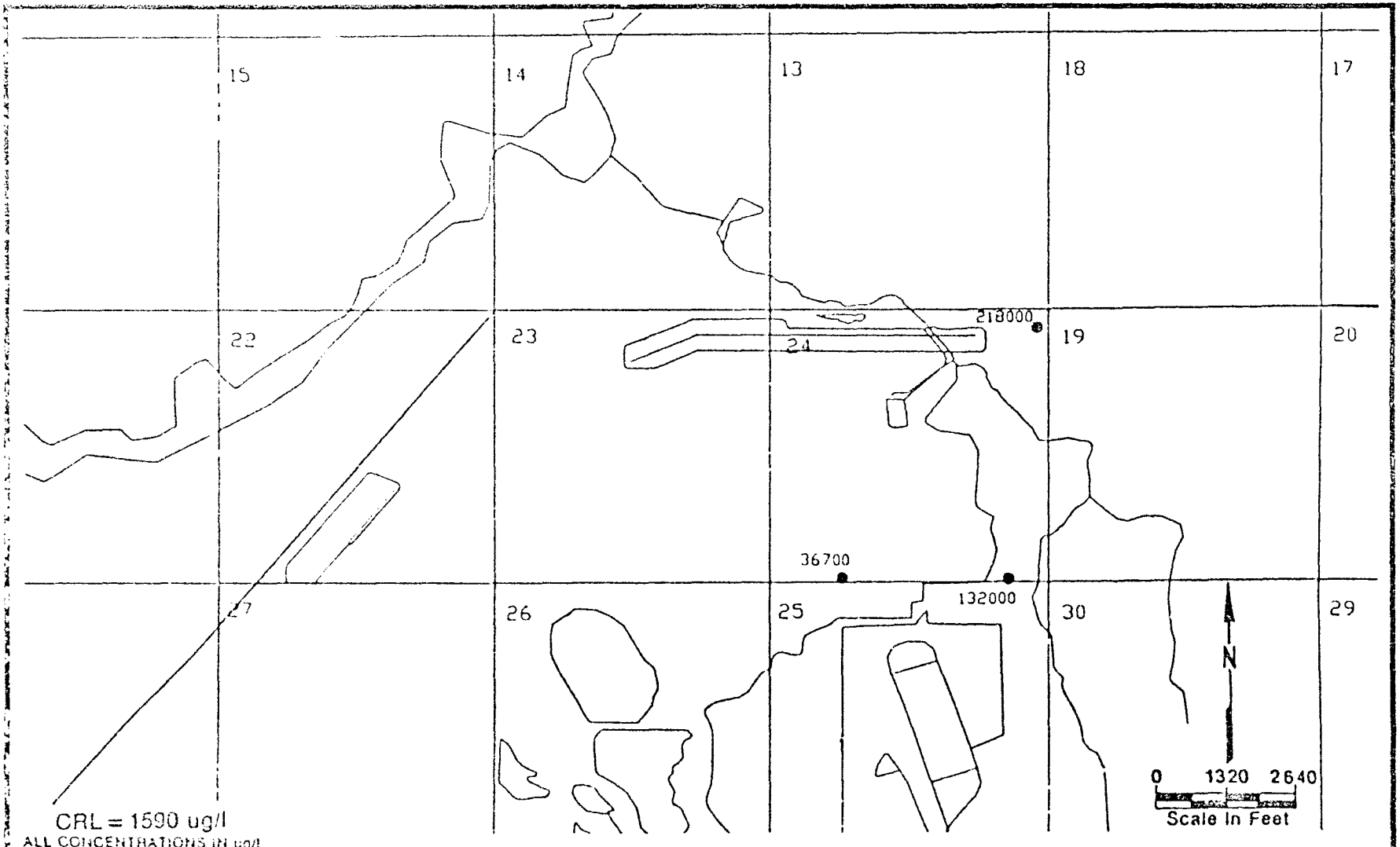


Figure 8-1182
SECOND QUARTER, FY87
CHLORIDE DETECTIONS, SAND 1
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

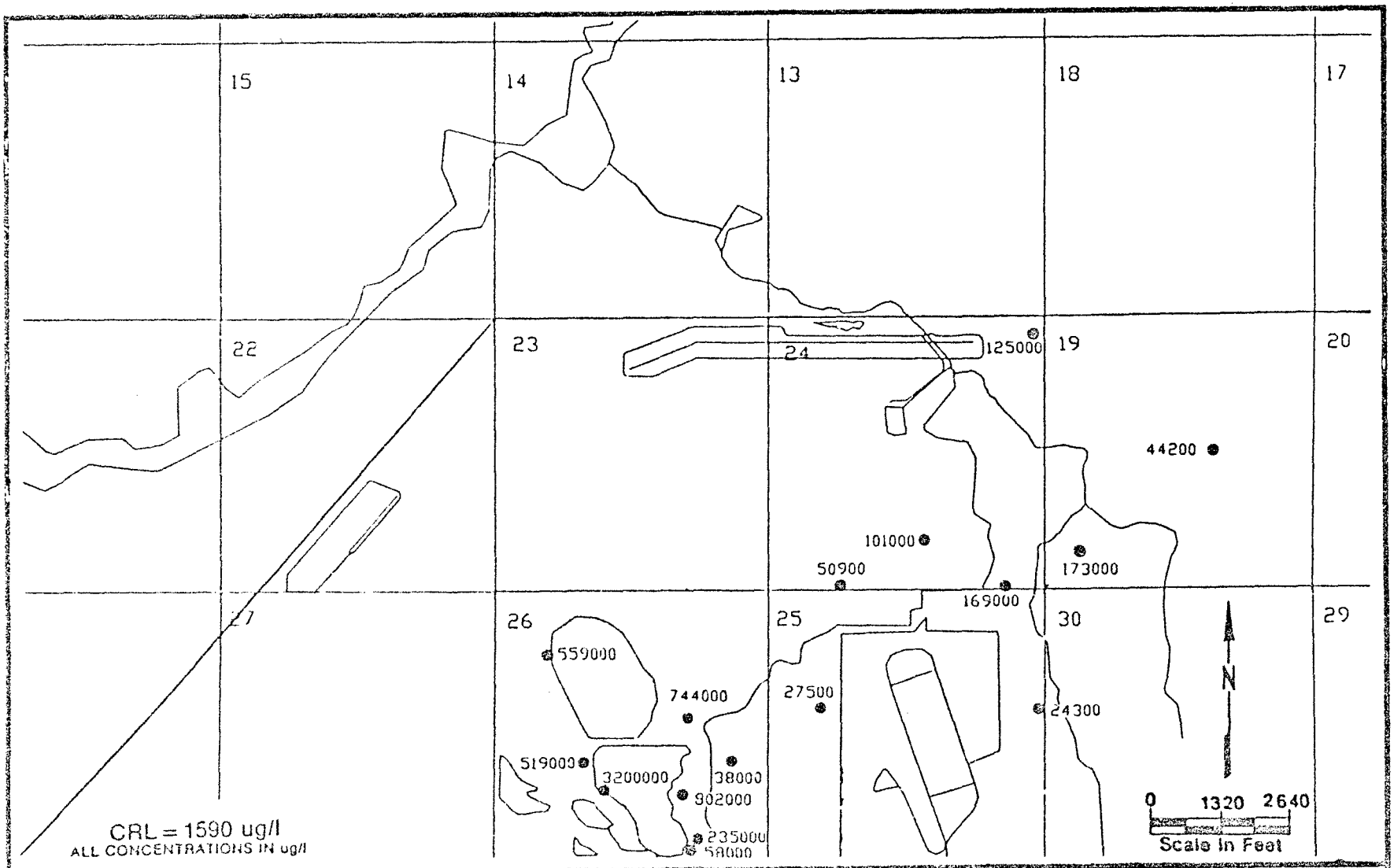


Figure B-118C
THIRD QUARTER, FY87
CHLORIDE DETECTIONS, SAND 1
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

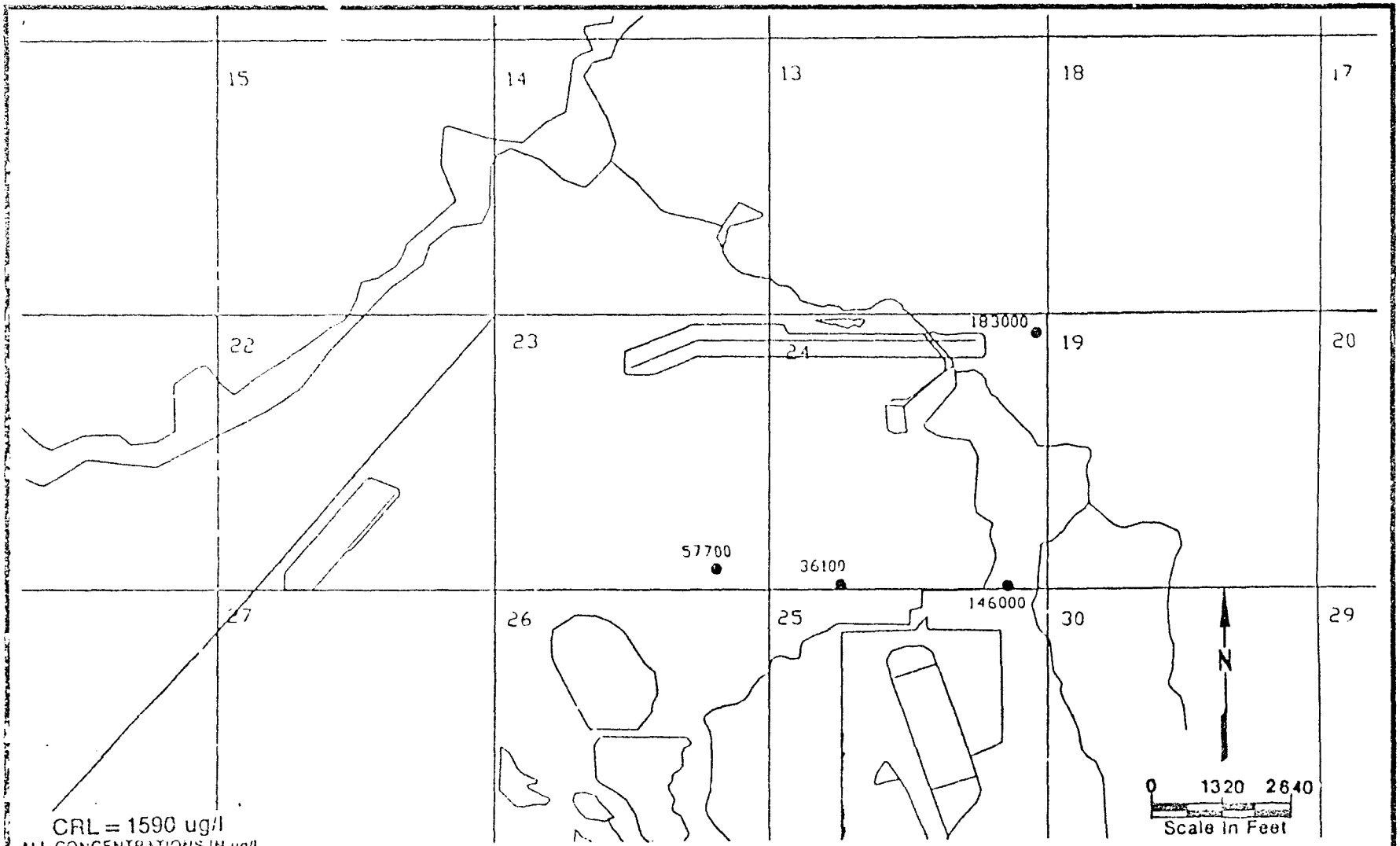
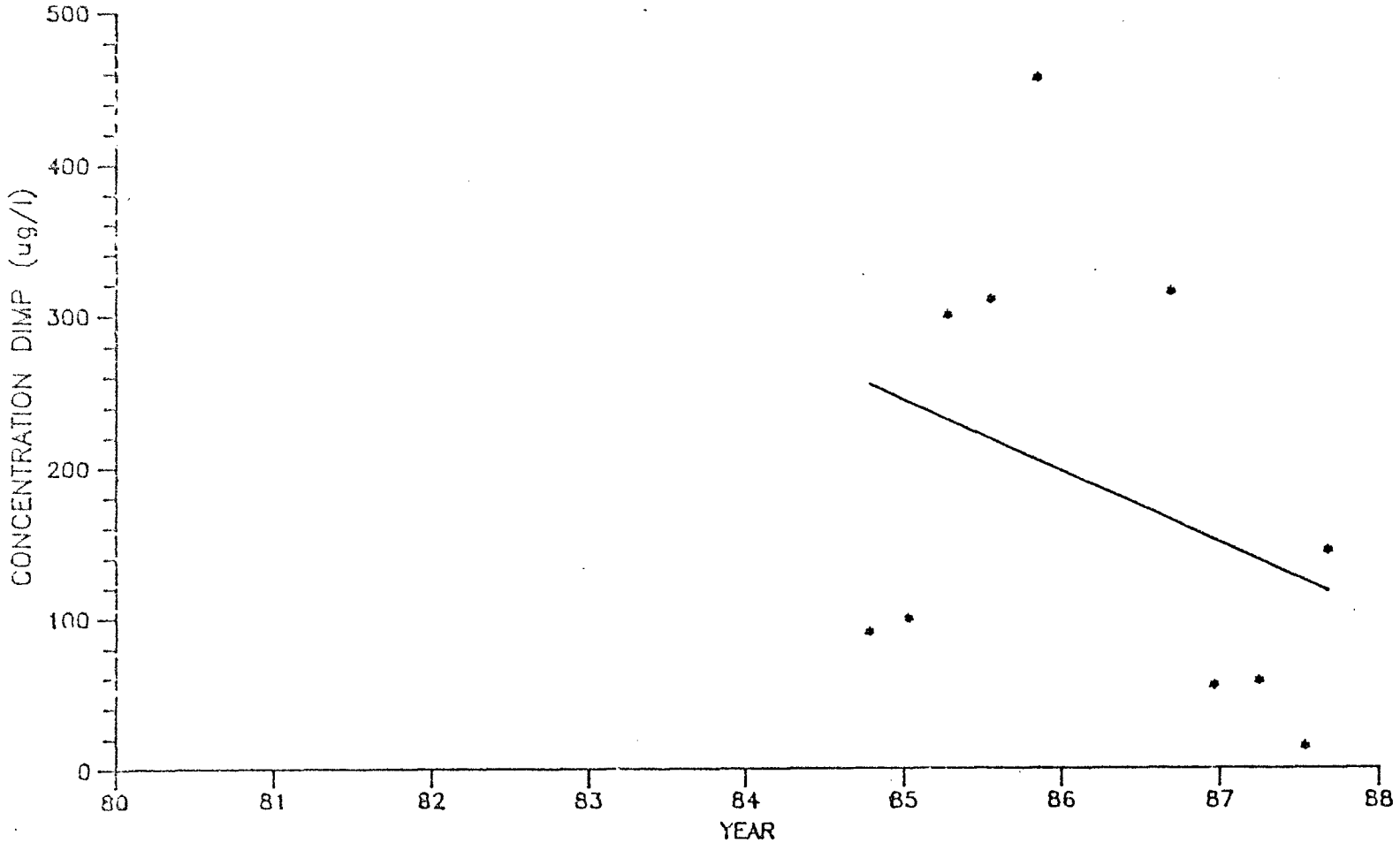


Figure B-118D
FOURTH QUARTER, FY87
CHLORIDE DETECTIONS, SAND 1
DENVER AQUIFER
SOURCE: ESE 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



Note : Regression line equation is Y = −47.196479X + 4255.8

Figure B-119A
DIMP CONCENTRATION (ug/l) VERSUS TIME
WELL 23043

SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

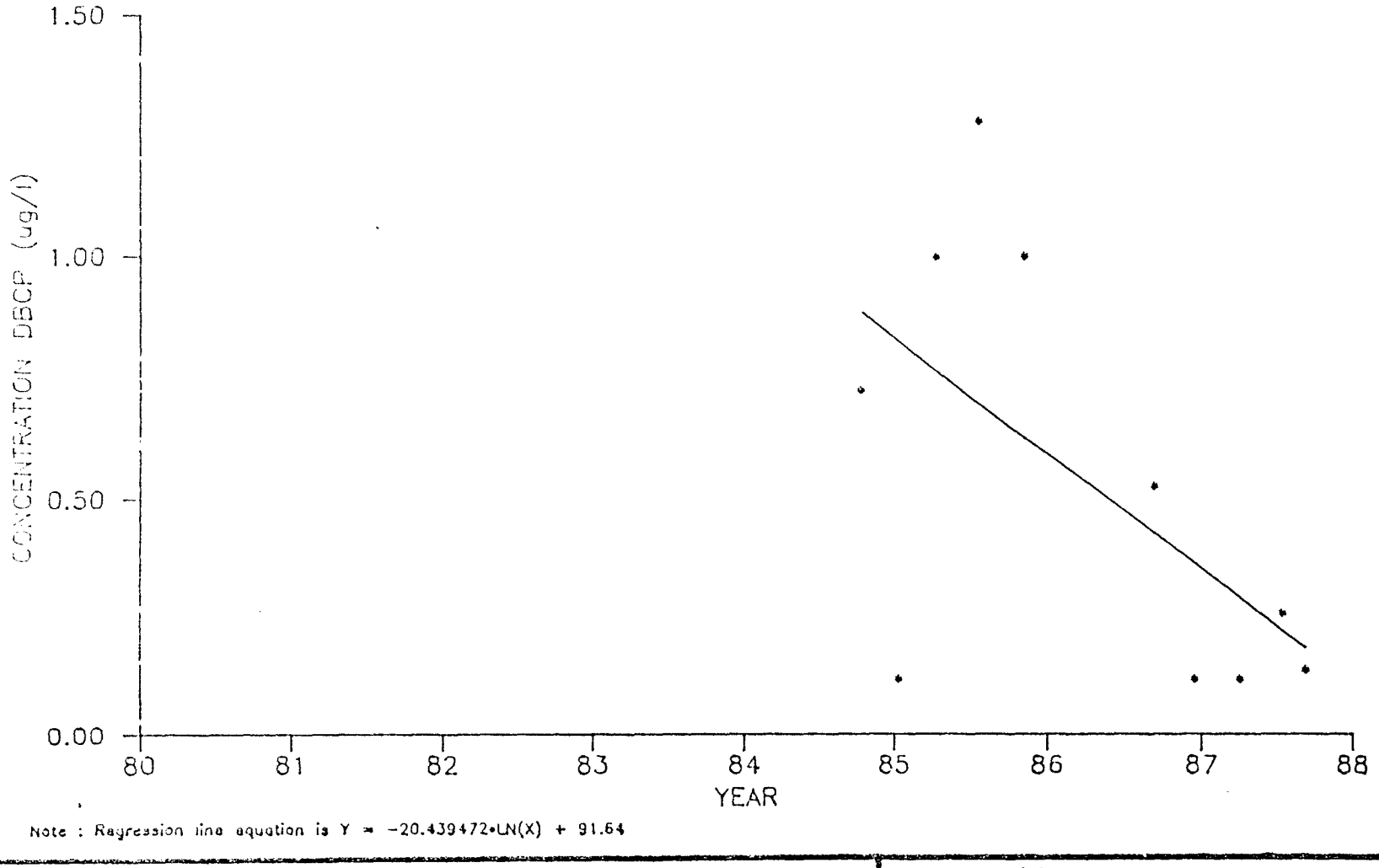
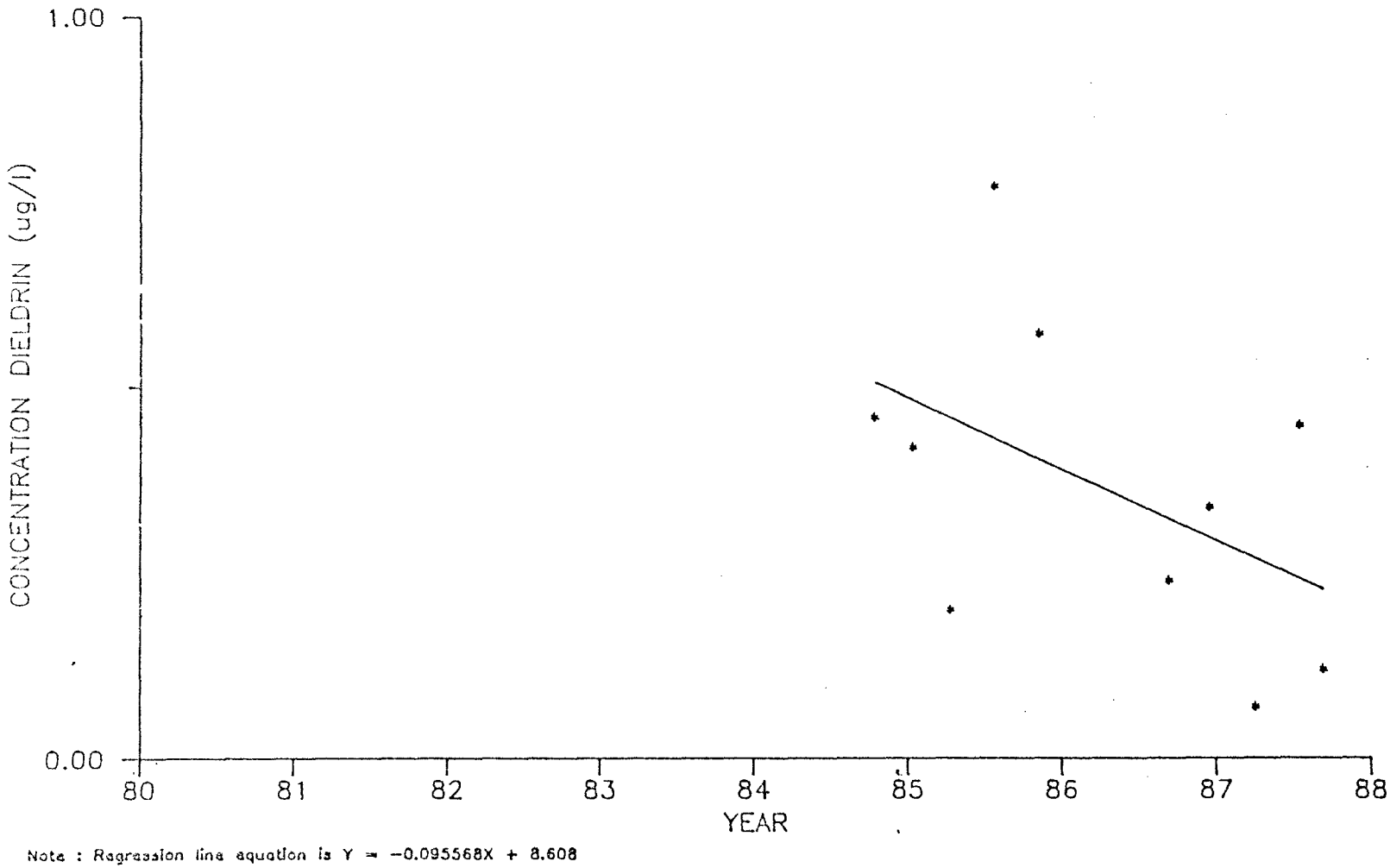


Figure B-119B
DBCP CONCENTRATION (ug/l) VERSUS TIME
WELL 23043
SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



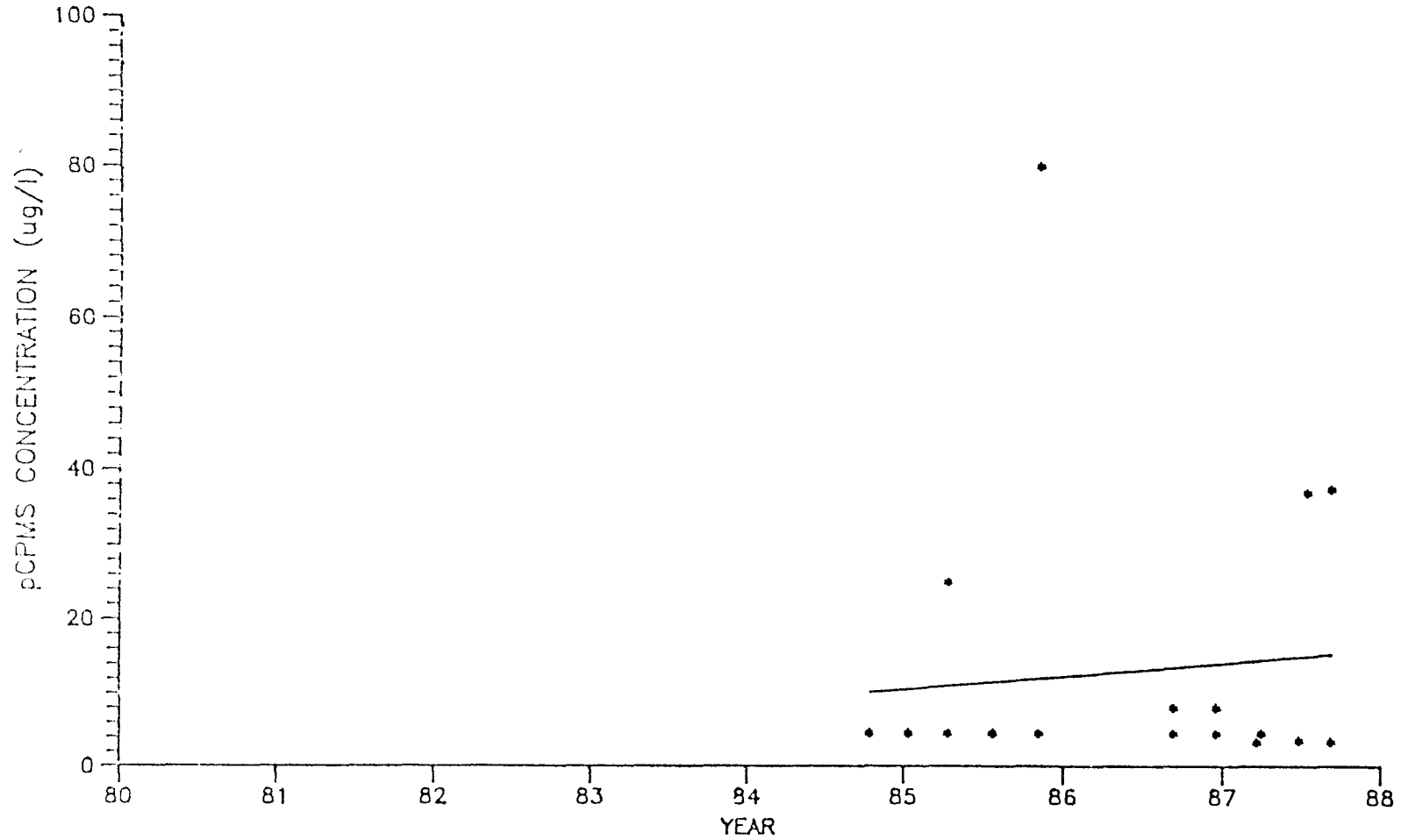
Note : Regression line equation is Y = −0.095568X + 8.608

Figure B-119C

DIELDRIN CONCENTRATION (ug/l) VERSUS TIME
WELL 23043

SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

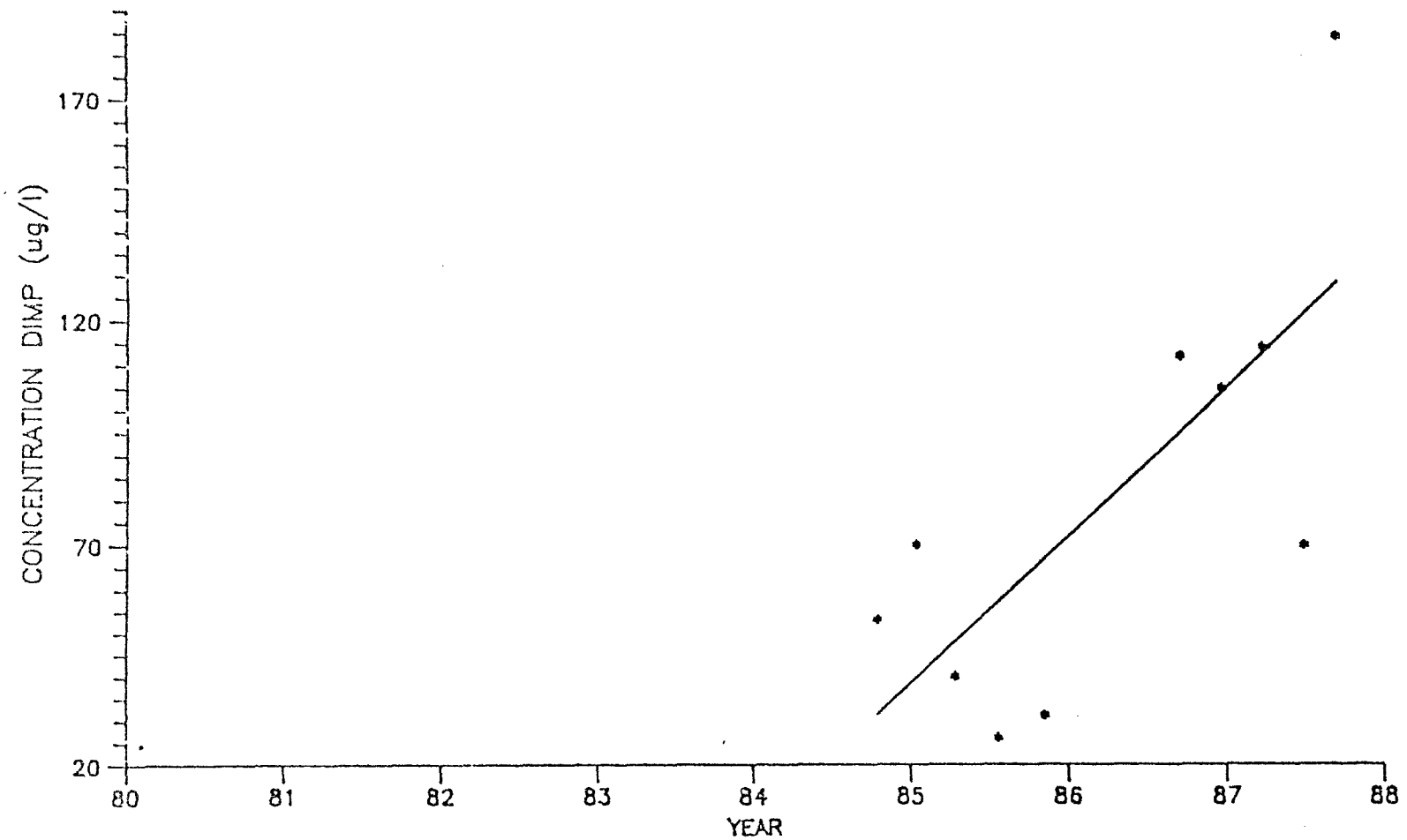


Note : Regression line equation is Y = 1.821032X + -144.0

Figure B-119D
COMBINED ORGANOSULFURS CONCENTRATION (ug/l) VERSUS TIME
WELL 23043

SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



Note : Regression line equation is Y = 33.351333X + -2786.2

Figure B-120
DIMP CONCENTRATION (ug/l) VERSUS TIME
WELL 23047

SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

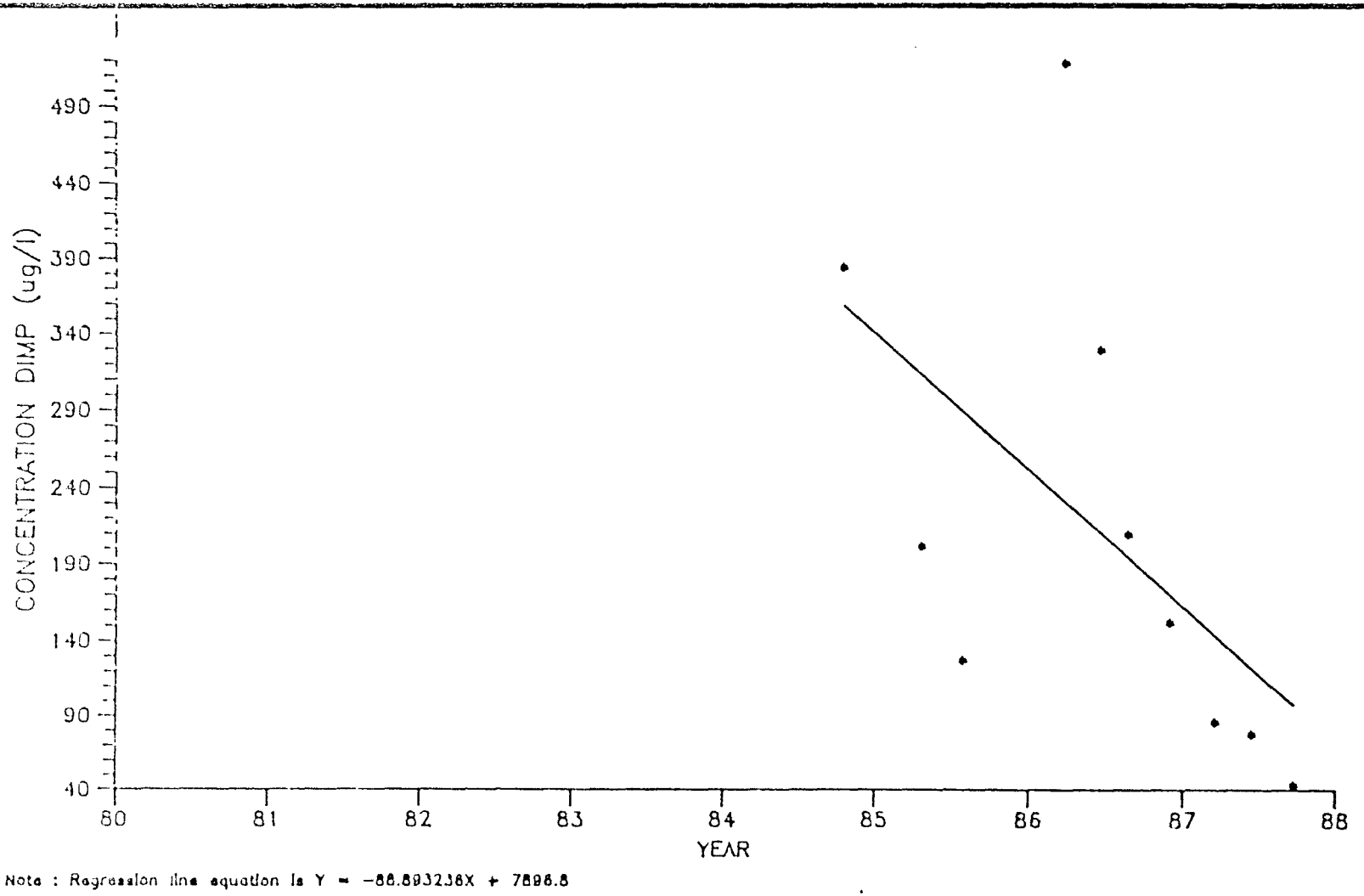
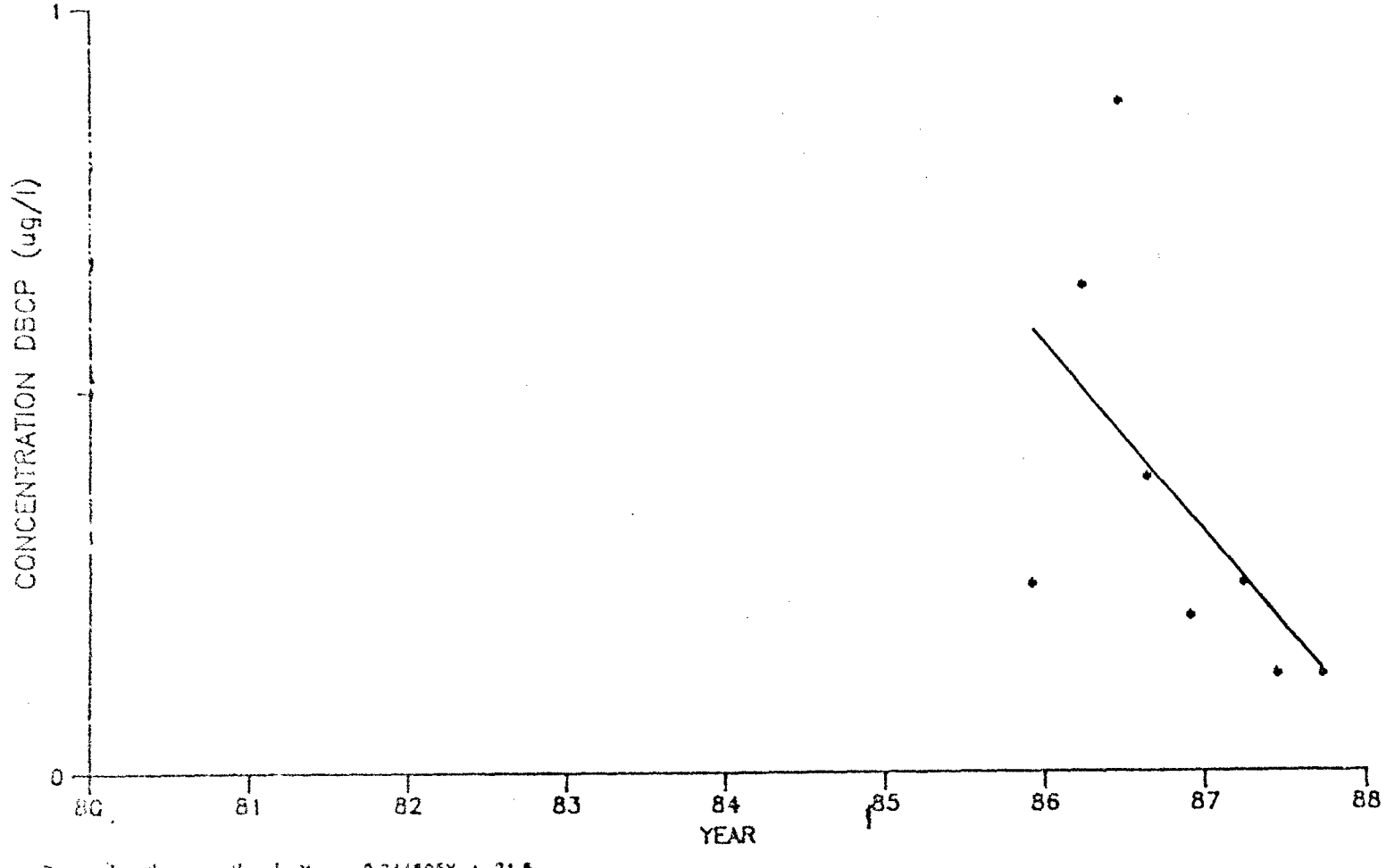


Figure B-121A
DIMP CONCENTRATION (ug/l) VERSUS TIME
WELL 37308

SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



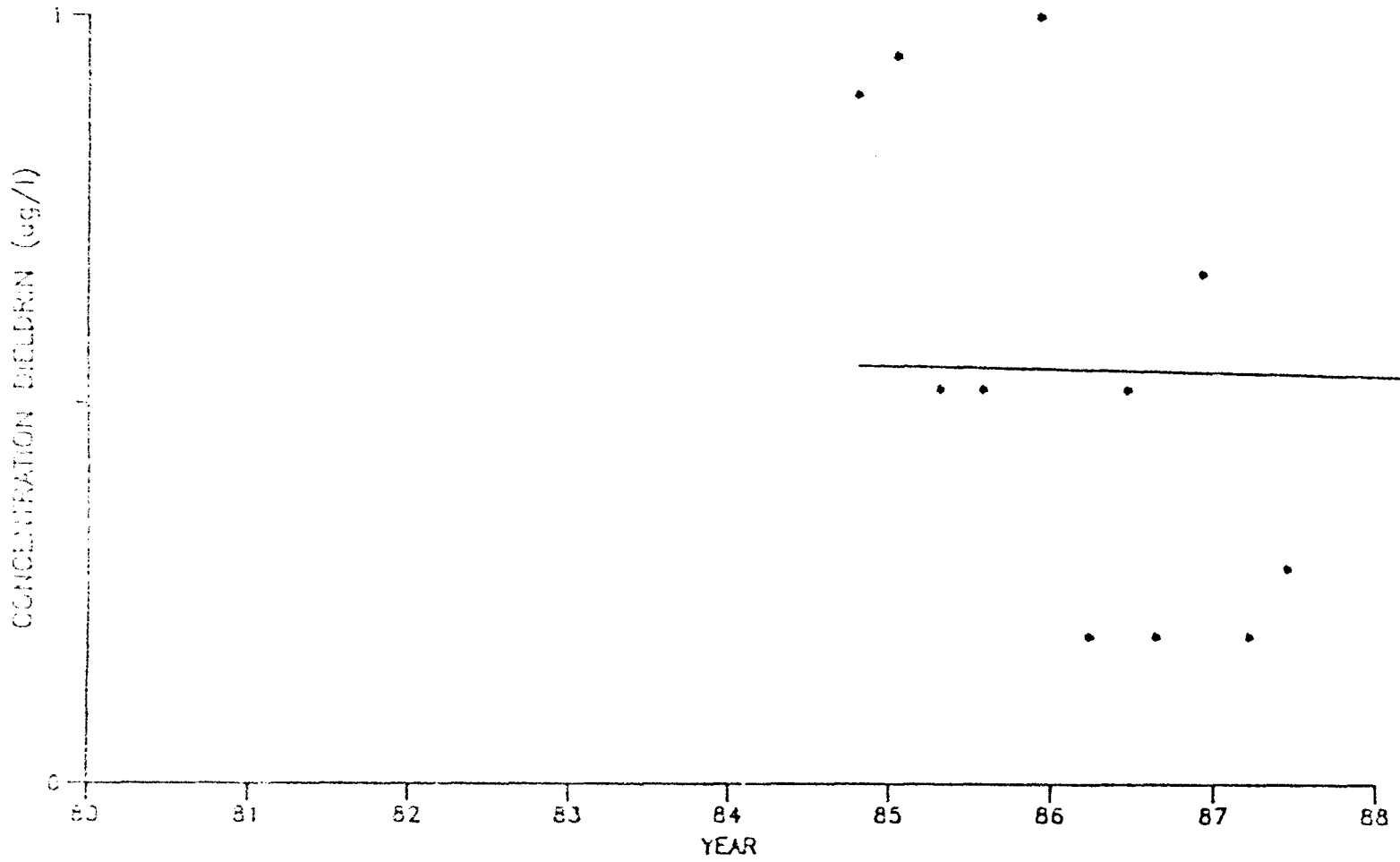
Note : Regression line equation is Y = −0.244505X + 21.5

Figure B-121B

DBCP CONCENTRATION (ug/l) VERSUS TIME
WELL 37308

SOURCE:ESE 1989

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

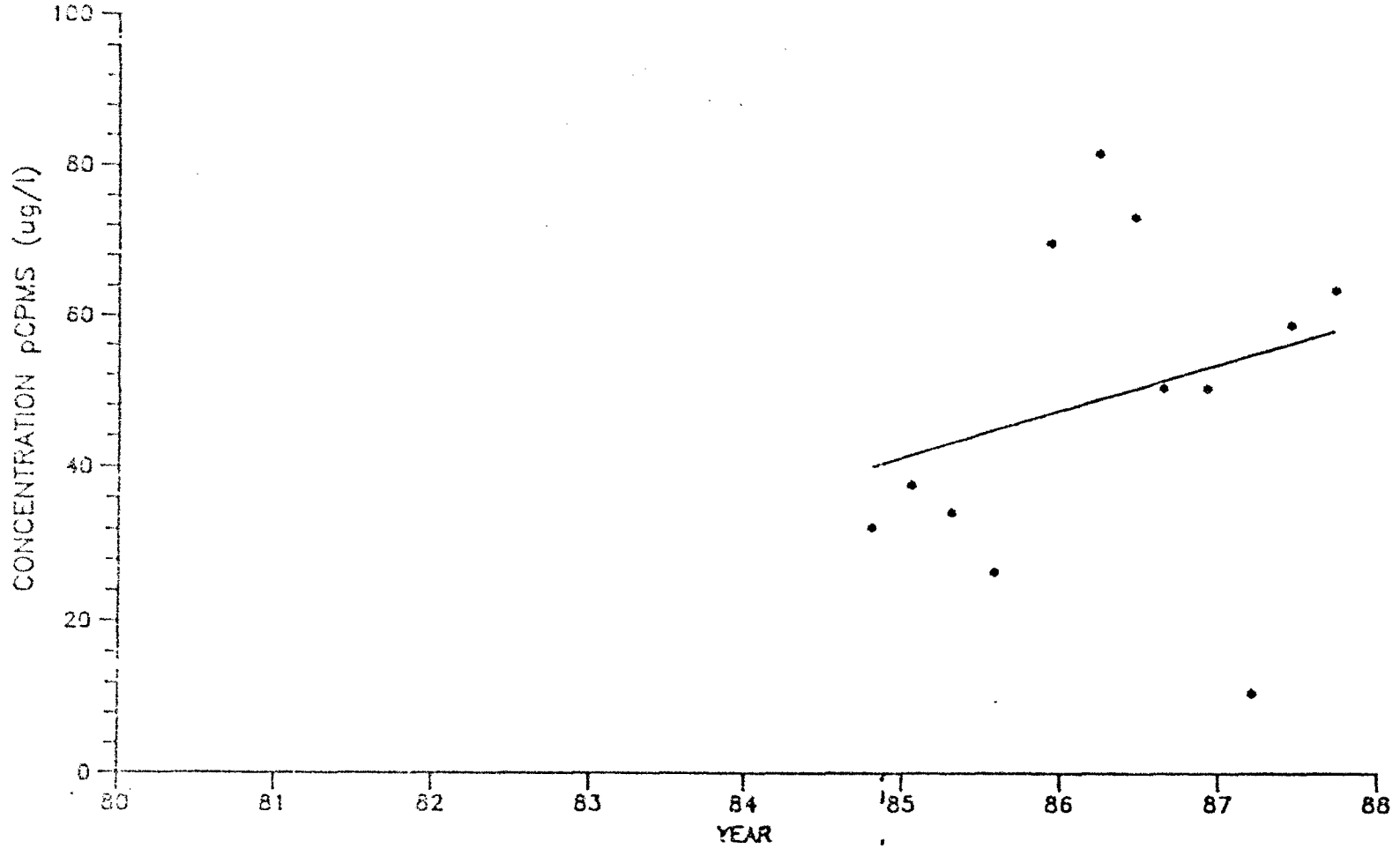


Note : Regression line equation is Y = -0.004115X + 0.89

Figure B-121C
DIELDRIN CONCENTRATION (ug/l) VERSUS TIME
WELL 37308

SOURCE ESE, 1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



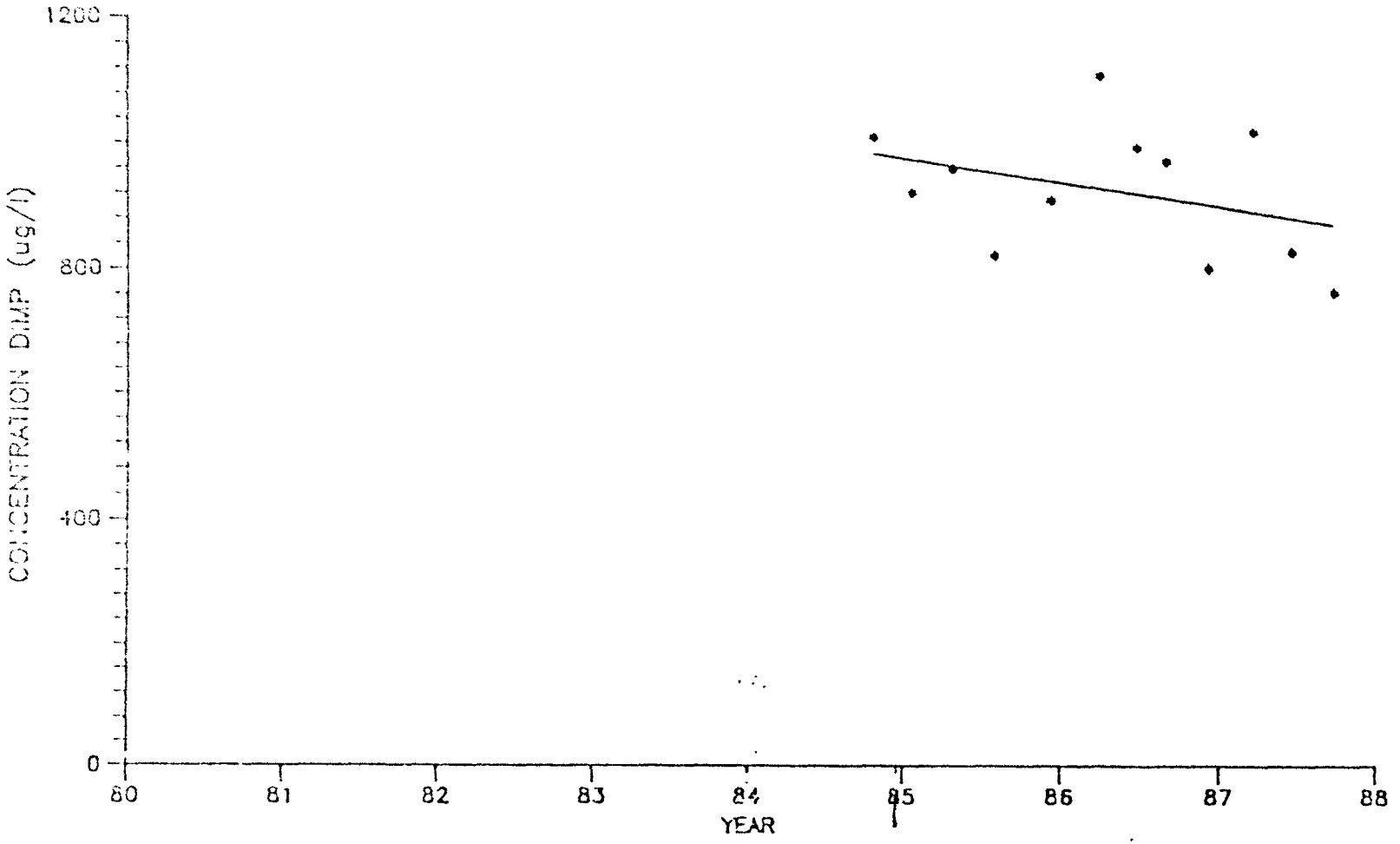
Note : Regression line equation is Y = 6.201452X + -485.7

Figure B-121D

COMBINED ORGANOSULFURS CONCENTRATION (ug/l) VERSUS TIME
WELL 37308

SOURCE:EGE,1988

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Note : Regression line equation is Y = -38.81X + 4257.7

Figure B-122A
DIMP CONCENTRATION (ug/l) VERSUS TIME
WELL 37309

SOURCE ESE, Ded

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland

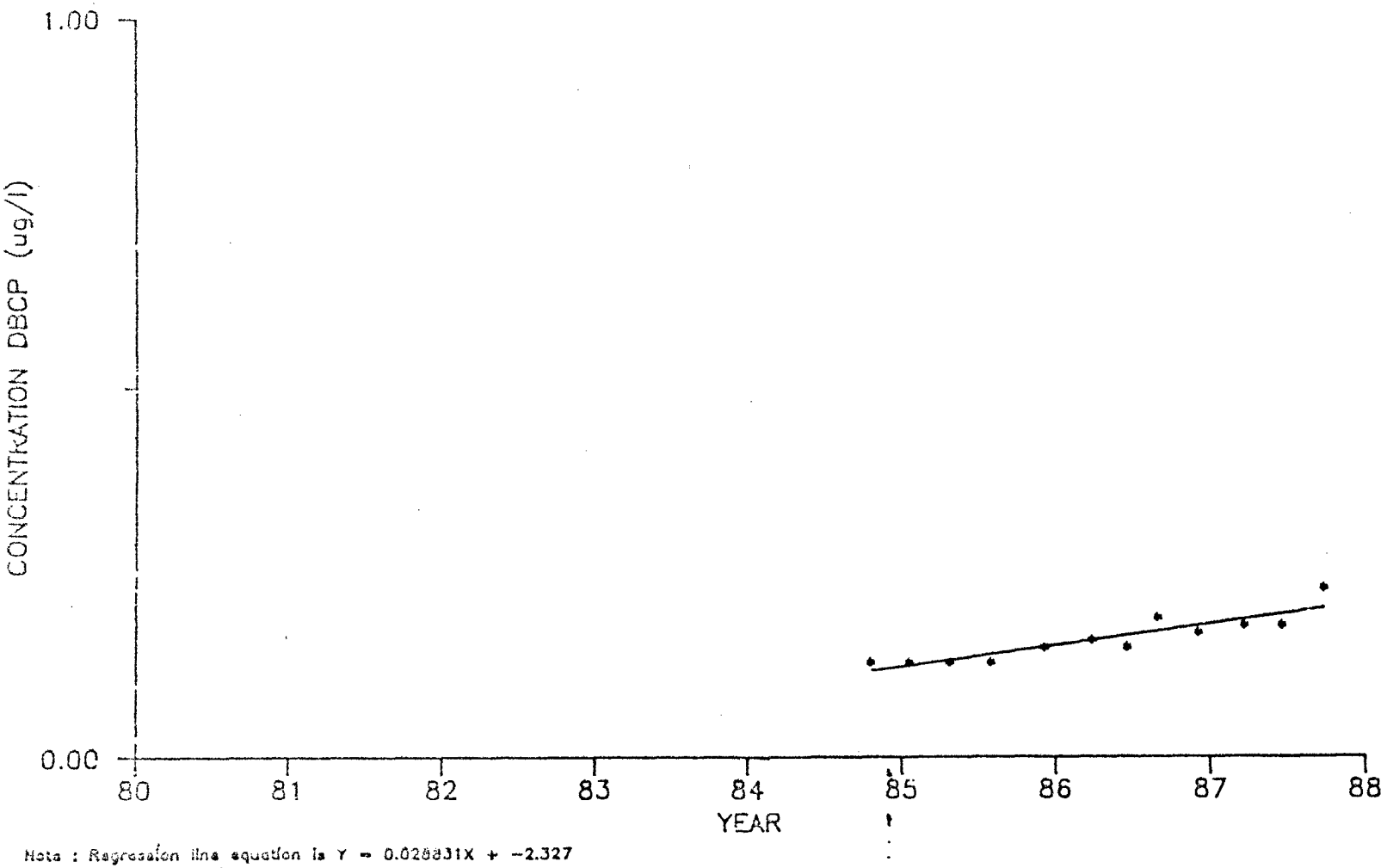


Figure B-122B
DBCP CONCENTRATION (ug/l) VERSUS TIME
WELL 37309

SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland

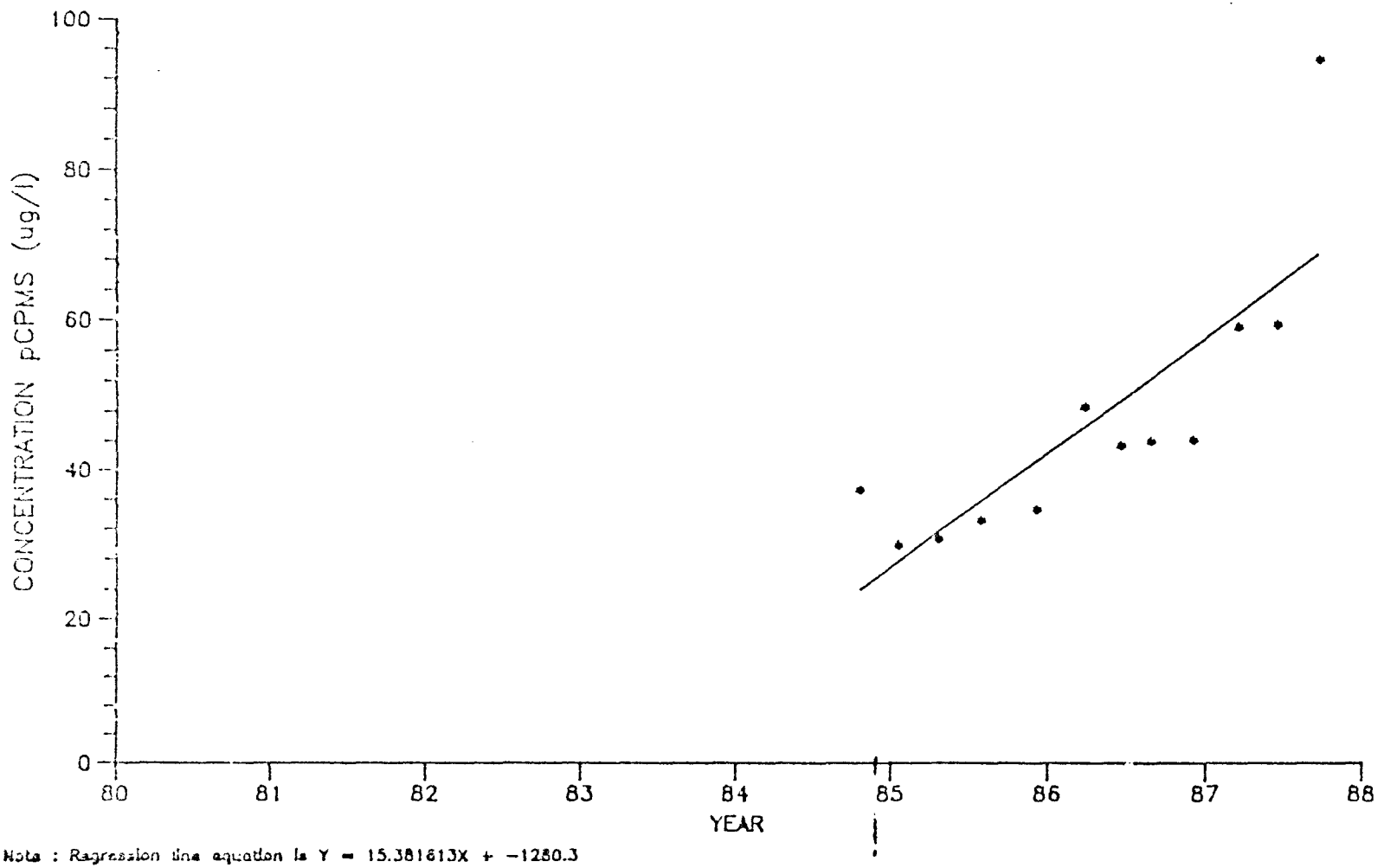
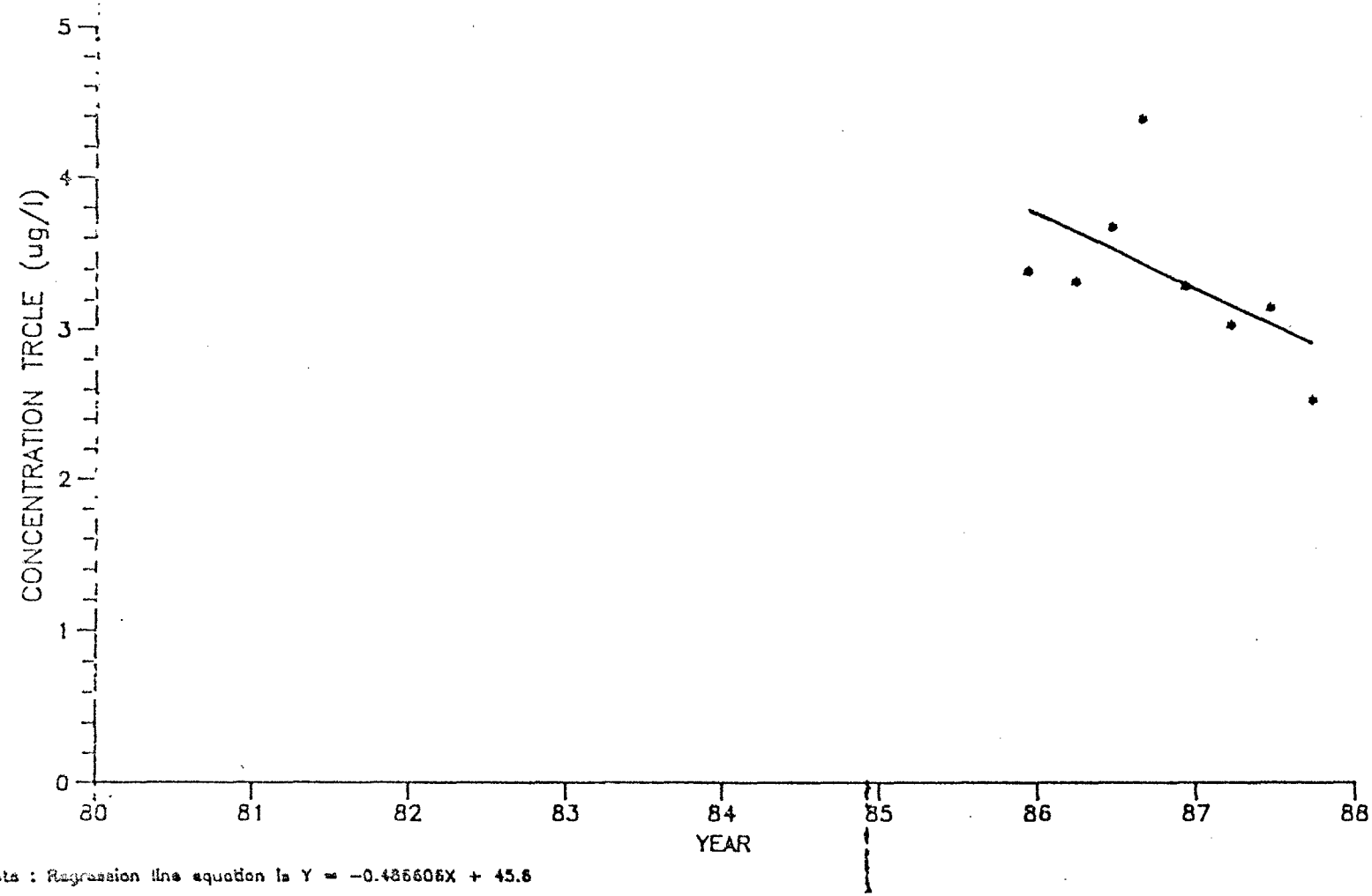


Figure B-122C

COMBINED ORGANOSULFURS CONCENTRATION (ug/l) VERSUS TIME
WELL 37309

SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland



Note : Regression line equation is Y = −0.486606X + 45.8

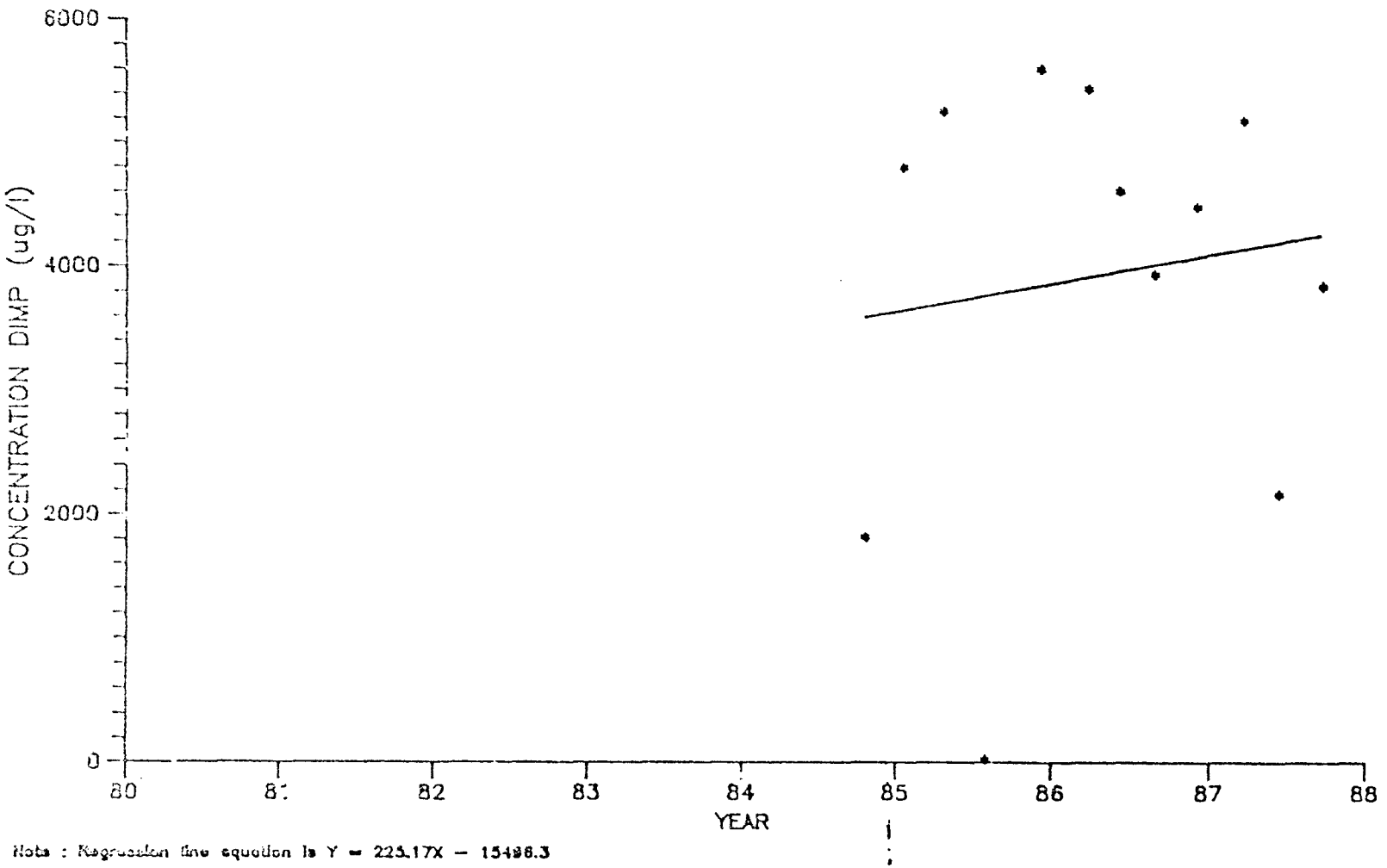
Figure B-122D

TRICHLOROETHENE CONCENTRATION (ug/l) VERSUS TIME
WELL 37309

SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal

Aberdeen Proving Ground, Maryland



Note : Regression line equation is Y = 225.17X – 15498.3

Figure 5-123
DIMP CONCENTRATION (ug/l) VERSUS TIME
WELL 37313

SOURCE:ESE,1988

Prepared for:
U.S. Army Program Manager's Office
For Rocky Mountain Arsenal
Aberdeen Proving Ground, Maryland