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PROGRAM MANAGER
RMA CONTAMINATION CLEANUP

U.S. ARMY
MATERIEL COMMAND

— COMMITTED TO PROTECTION OF THE ENVIRONMENT —

DRAFT FINAL
REMEDIAL INVESTIGATION REPORT
VOLUME Xc
CENTRAL STUDY AREA, SECTION 2.0
VERSION 2.1

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FOR THE ROCKY MOUNTAIN ARSENAL CONTAMINATION CLEANUP
AMXRM-ABERDEEN PROVING GROUND, MARYLAND

94 3 22 035

LITIGATION TECHNICAL SUPPORT AND SERVICES

ROCKY MOUNTAIN ARSENAL

DRAFT FINAL
REMEDIAL INVESTIGATION REPORT
VOLUME Xc
CENTRAL STUDY AREA, SECTION 2.0
VERSION 2.1

February 1989
Contract Number DAAAK15-88-D-0024

PREPARED BY

EBASCO SERVICES INCORPORATED
CH2M HILL
R.L. STOLLAR AND ASSOCIATES
APPLIED ENVIRONMENTAL, INC.
DATACHEM, INC.

PREPARED FOR:

U.S. ARMY PROGRAM MANAGER'S OFFICE FOR
ROCKY MOUNTAIN ARSENAL CONTAMINATION CLEANUP

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per letter

VOLUME Xc
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VOLUME Xc
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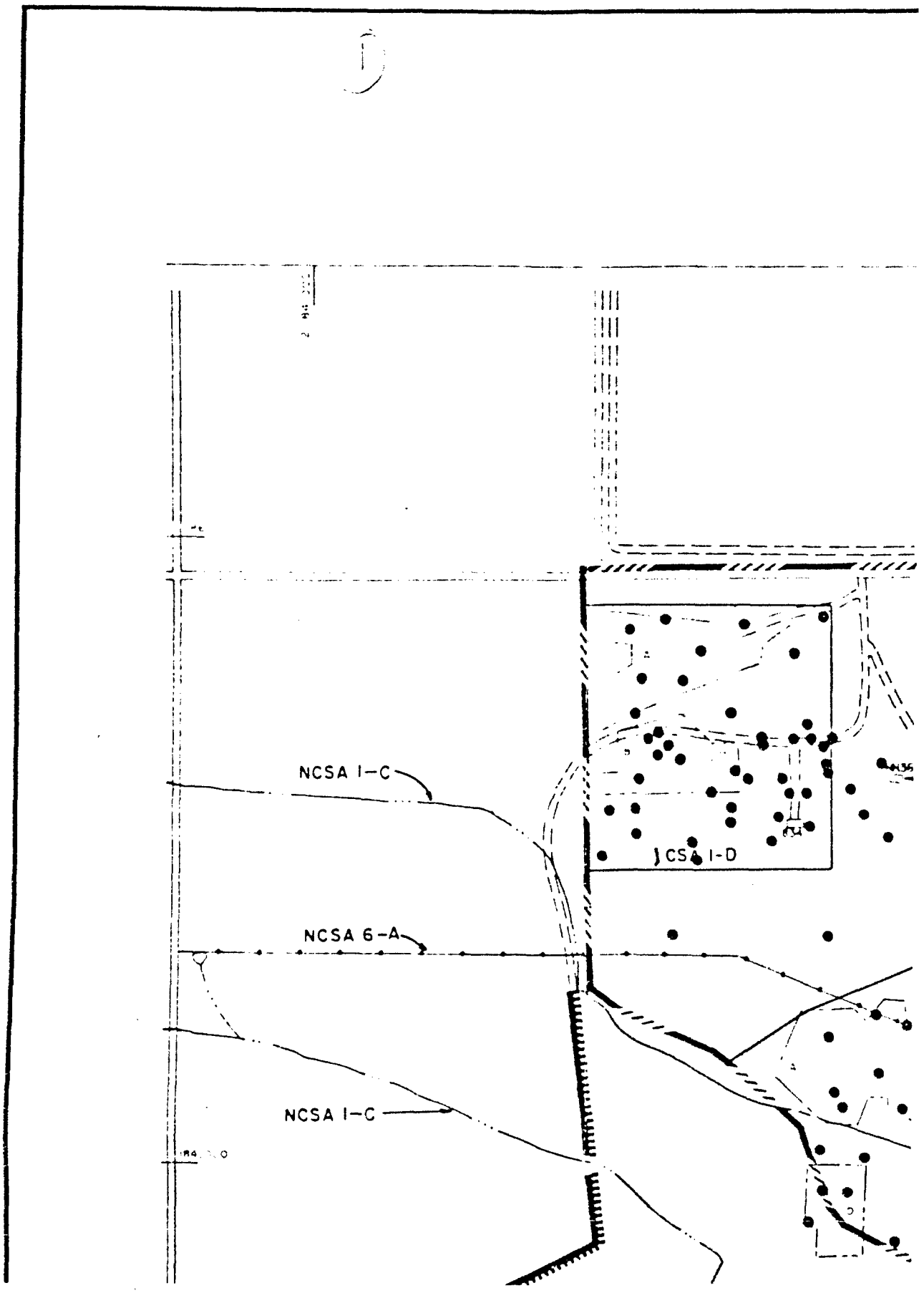
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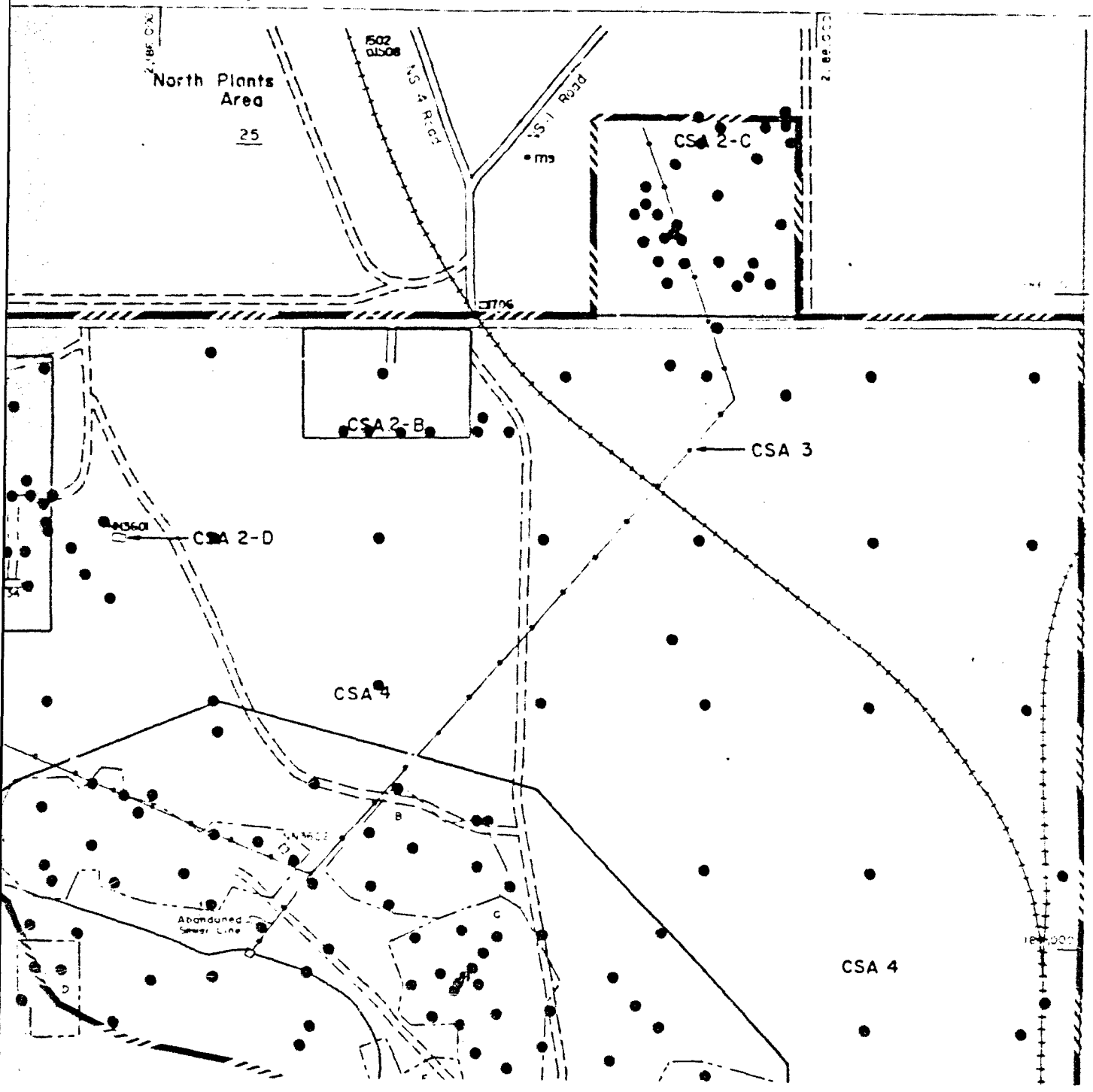
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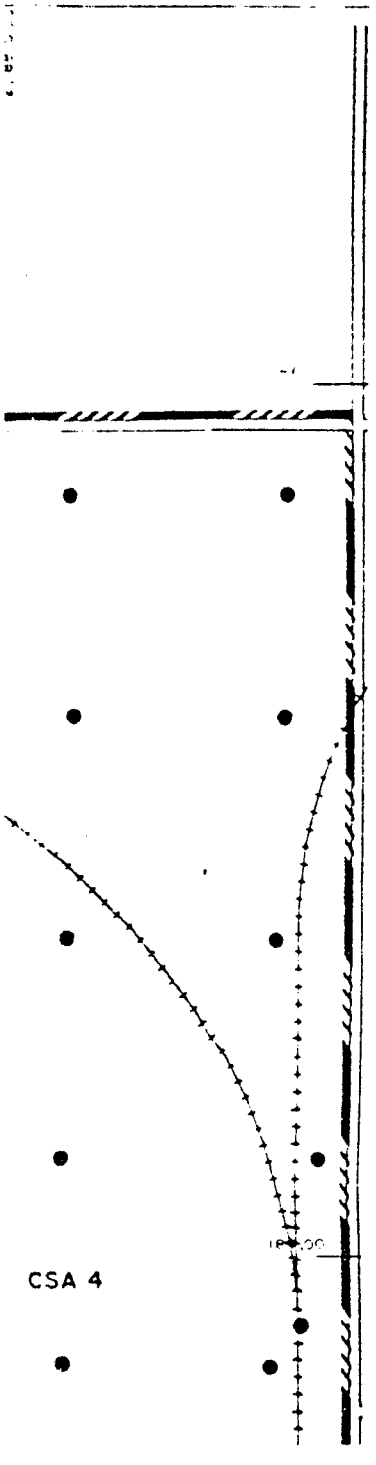
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Plate CSA 2.1-44 Semivolatile Halogenated Organic Compounds in Soils in the 5 - 20 Ft Interval

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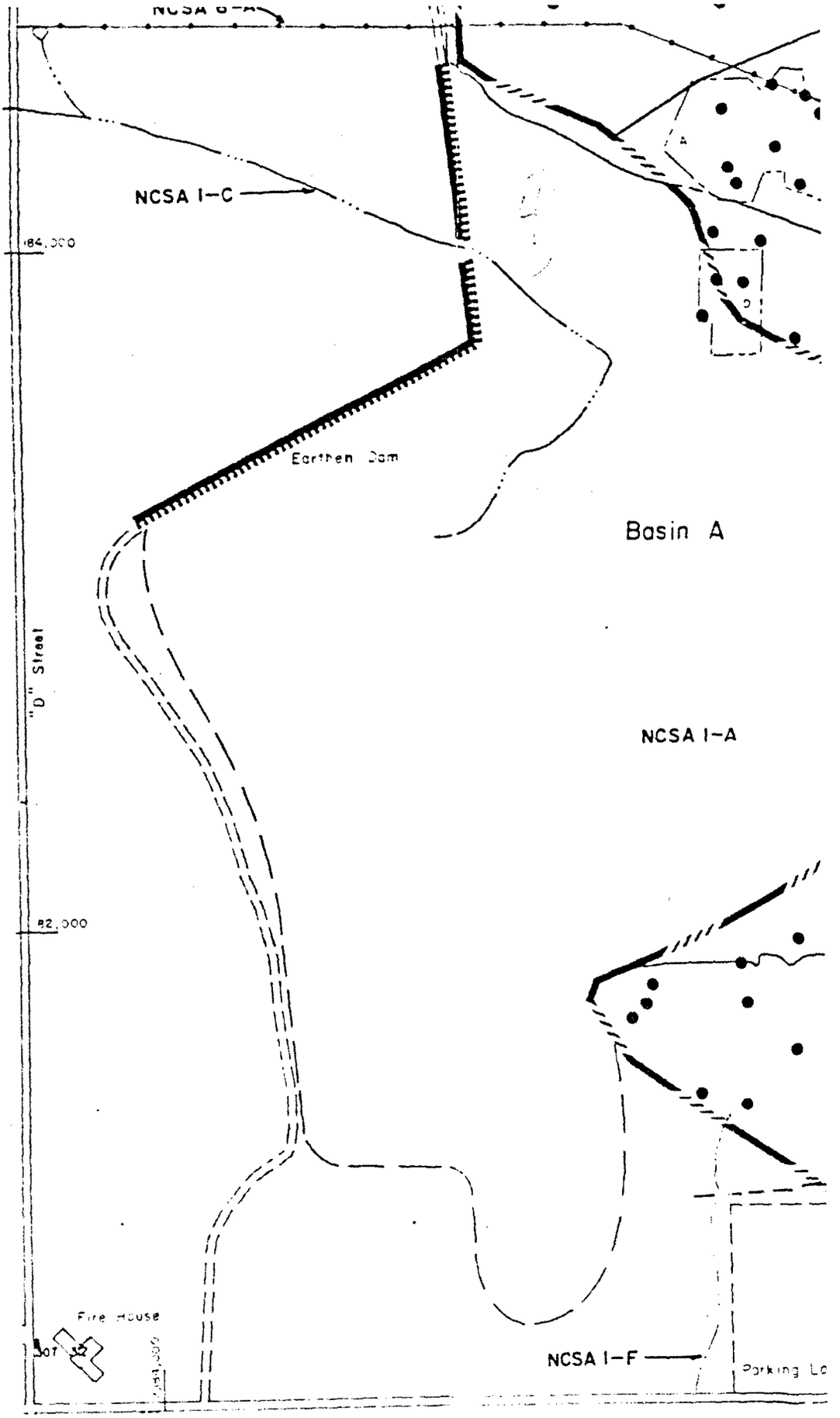

NCSA 1-C
NCSA 1-D
NCSA 6-A
NCSA 1-C

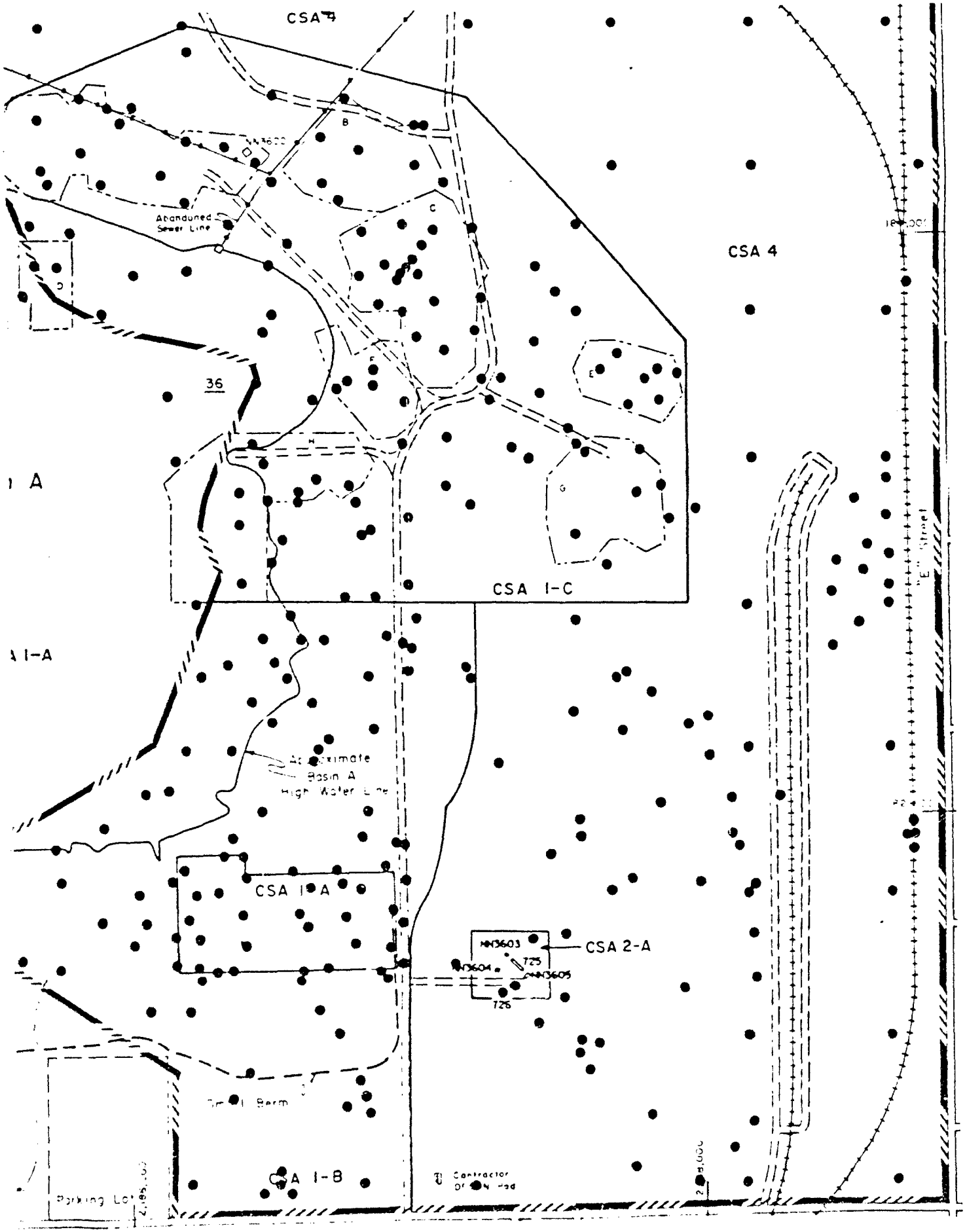

North Plants
Area
25
US 4 Road
US 1 Road
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4
Abandoned
Sewer Line

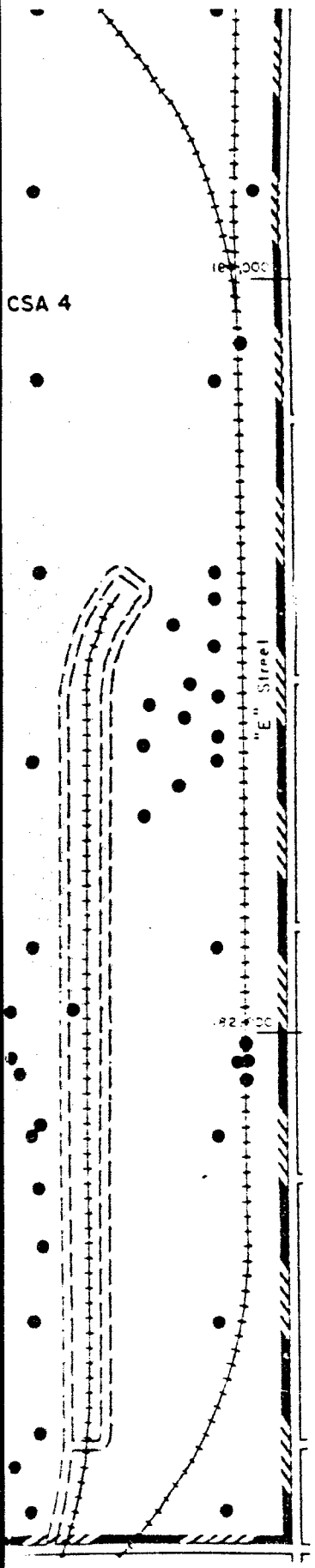


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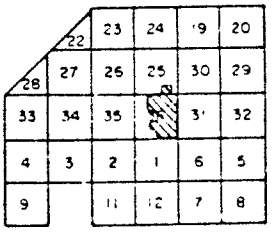
- Improved road
- Unimproved road
- Stream or ditch
- Shore line
- 9 Section number
- 186,000 State plane grid
- Structure
- Railroad tracks
- Former structure
- Central Study Area boundary
- Arsenal boundary
- CSA 1-C Site boundary
- Sanitary sewer
- B Geophysical anomoly
- Chemical sewer
- Phase I & II boring location


NCSA I-C
184,000
Earthen Dam
Basin A
"D" Street
NCSA I-A
182,000
Fire House
NCSA I-F
Parking Lo

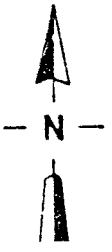

CSA 4
CSA 1-C
CSA 1-A
CSA 2-A
CSA 1-B
Abandoned Sewer Line
36
MH3603
MH3604
MH3605
725
726
Basin A
Parking Lot
Contractor

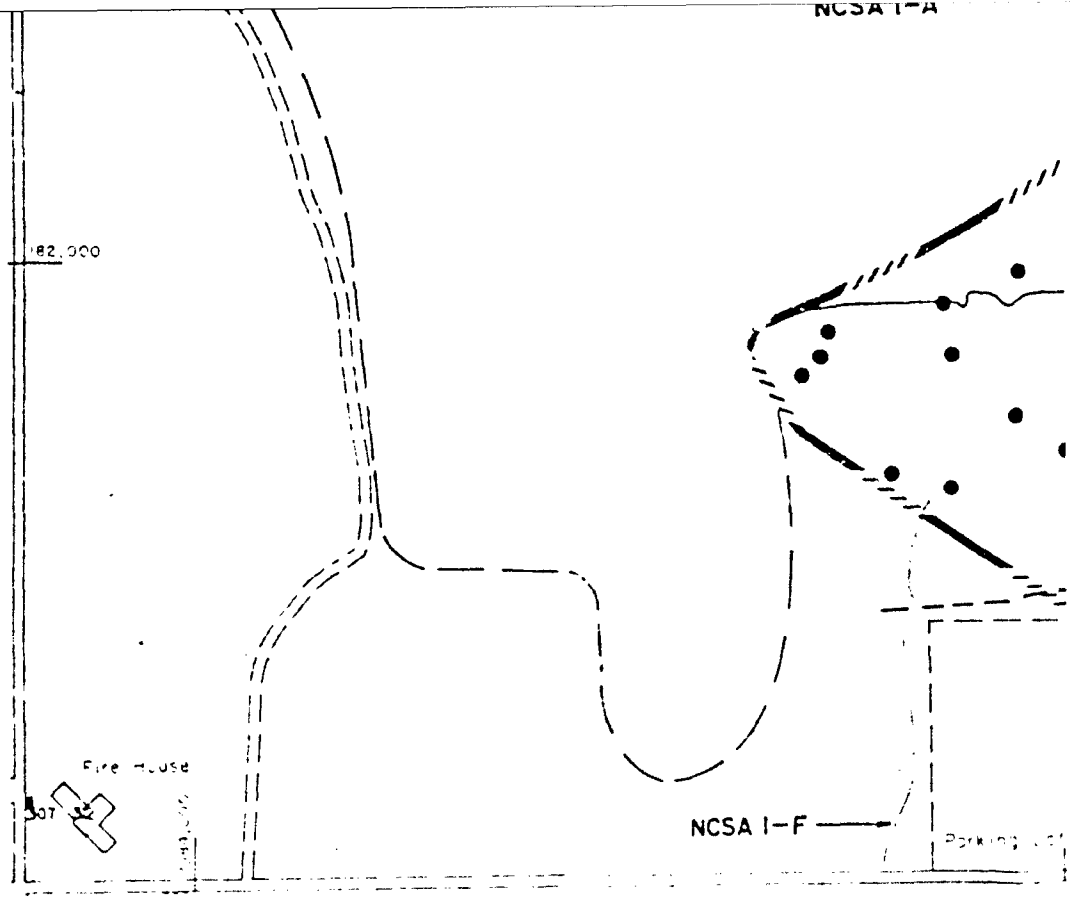


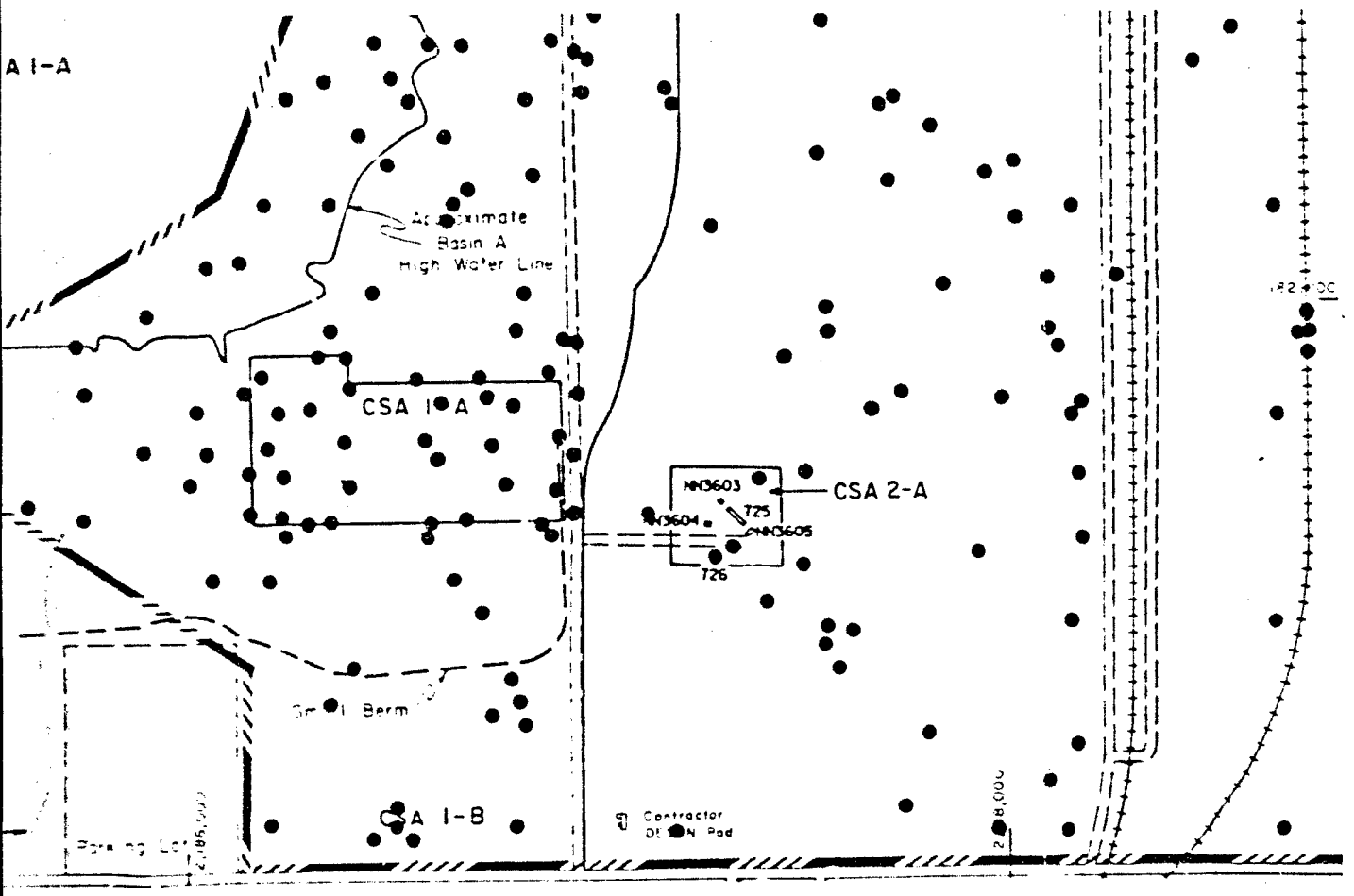
ROCKY MOUNTAIN ARSENAL
LOCATION

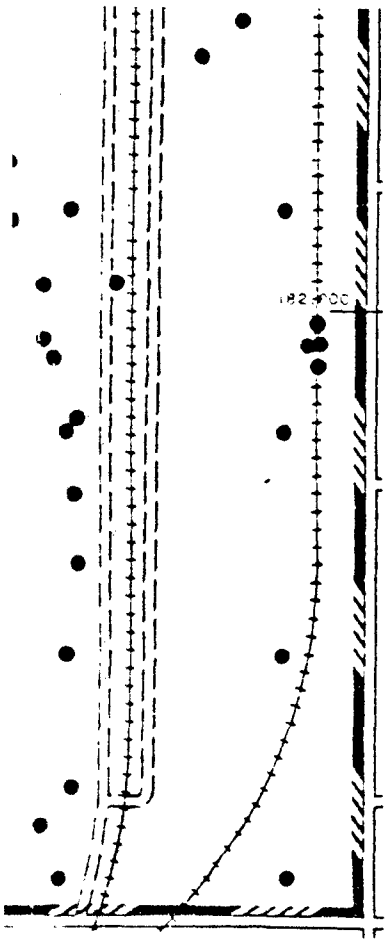


1" = 4 MILES

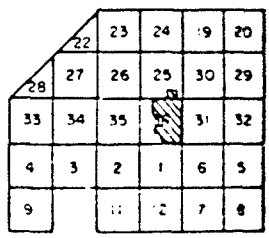



NCSA I-A
182,000
Fire House
NCSA I-F

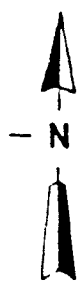

A 1-A
Approximate
Basin A
High Water Line
CSA 1-A
CSA 2-A
NN3603
725
NN3604
NN3605
726
Berm
CSA 1-B
Contractor
Pad

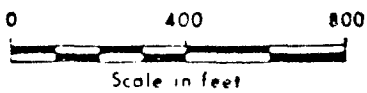


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





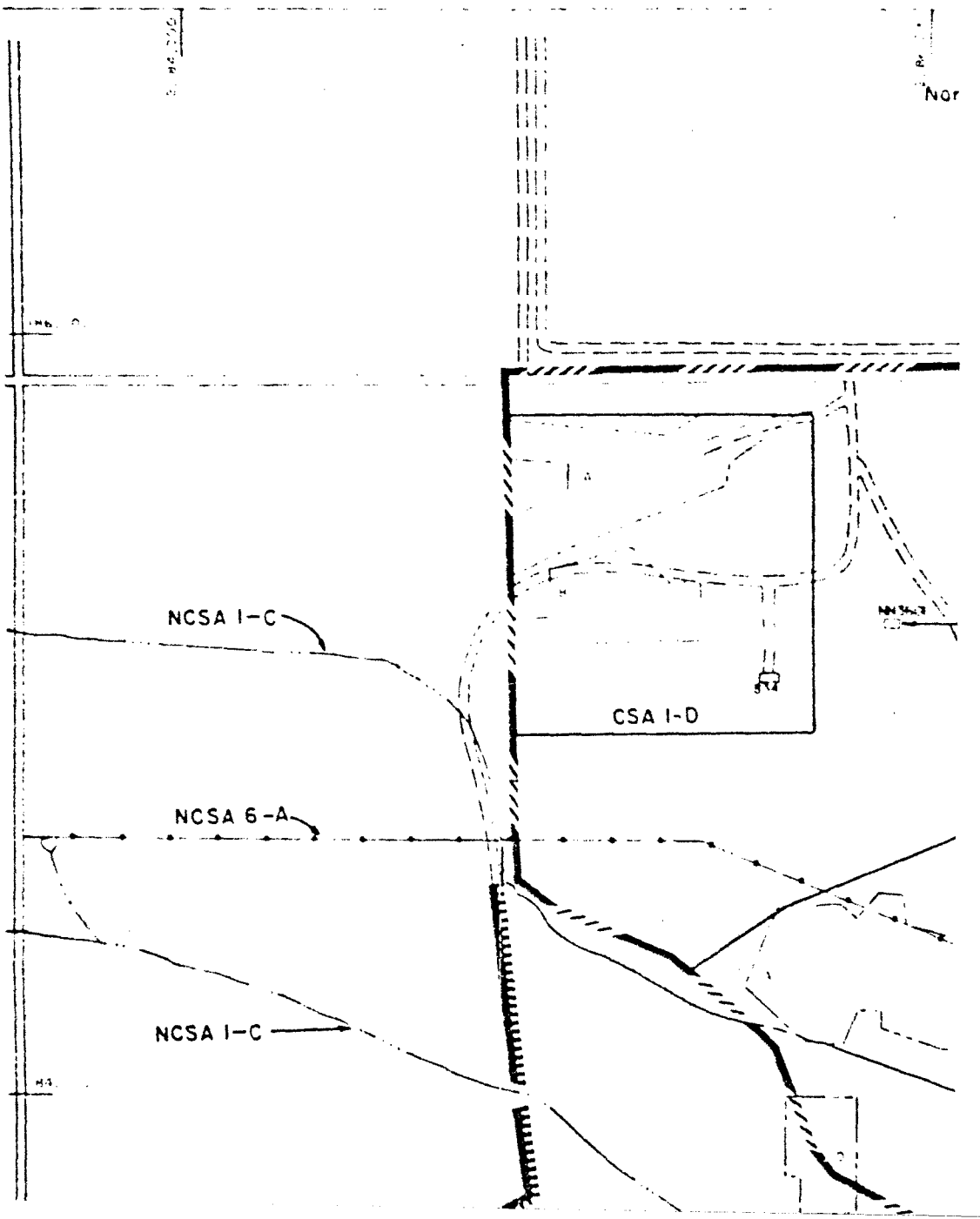
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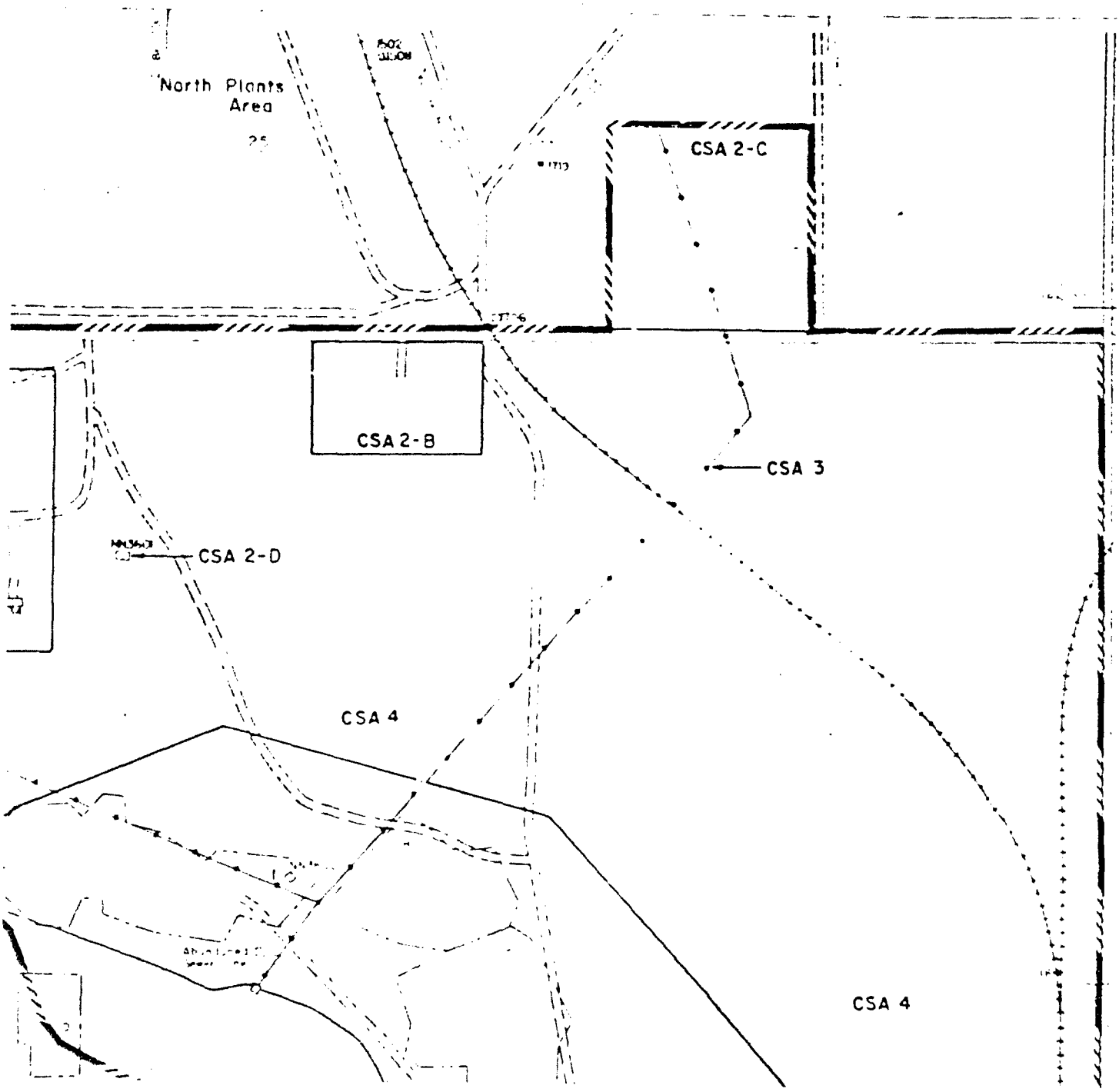
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

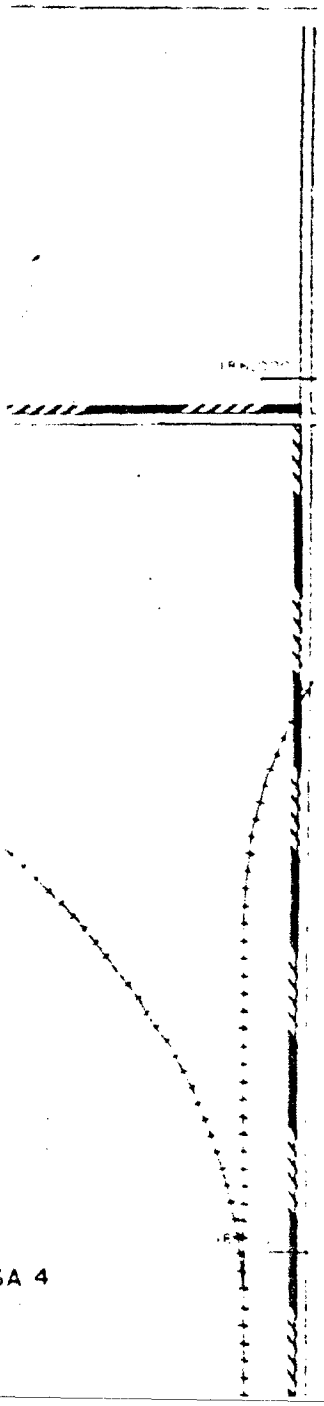
PLATE CSA 2.1-1

Boring Location Map

Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated


NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C


North Plants
Area
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4

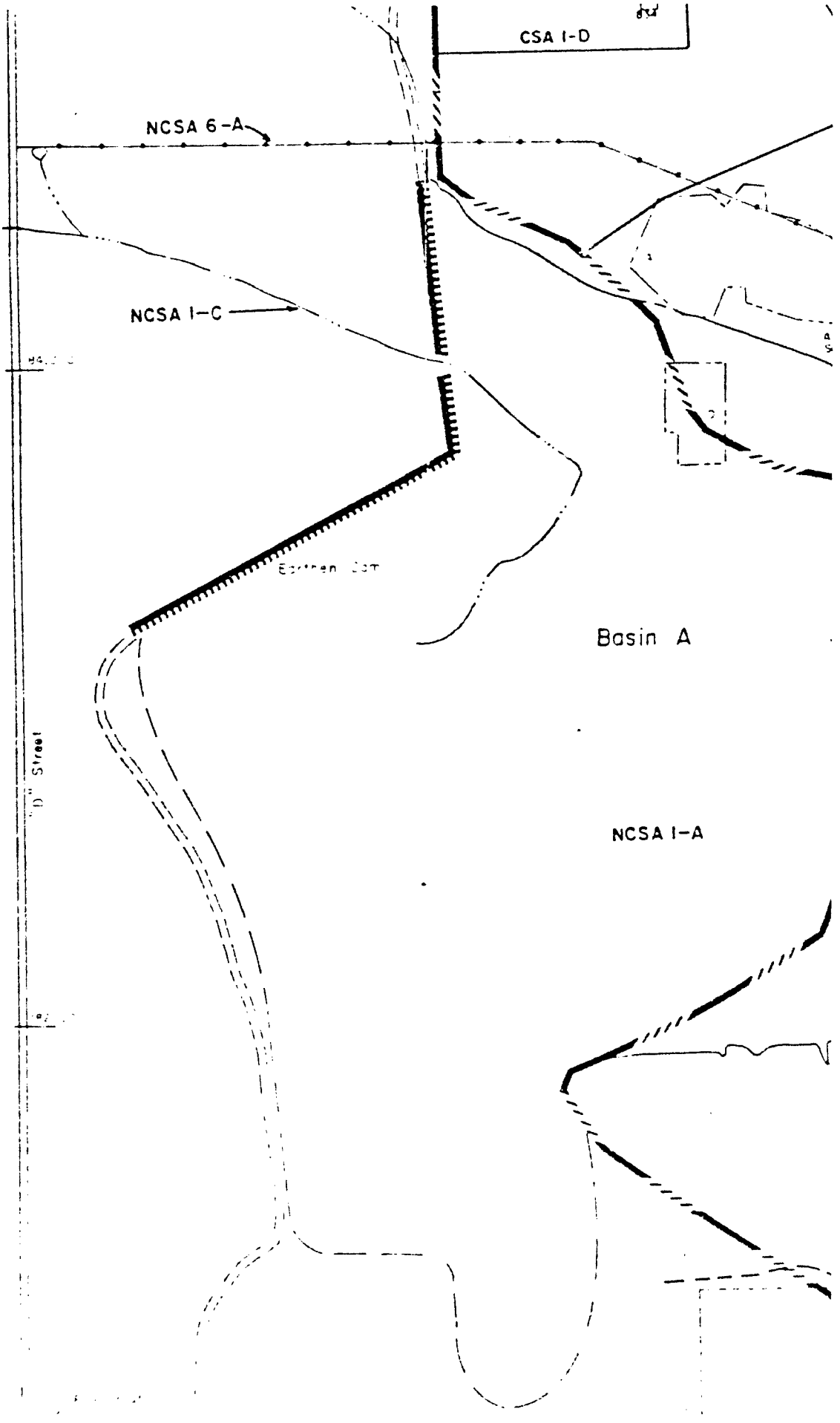


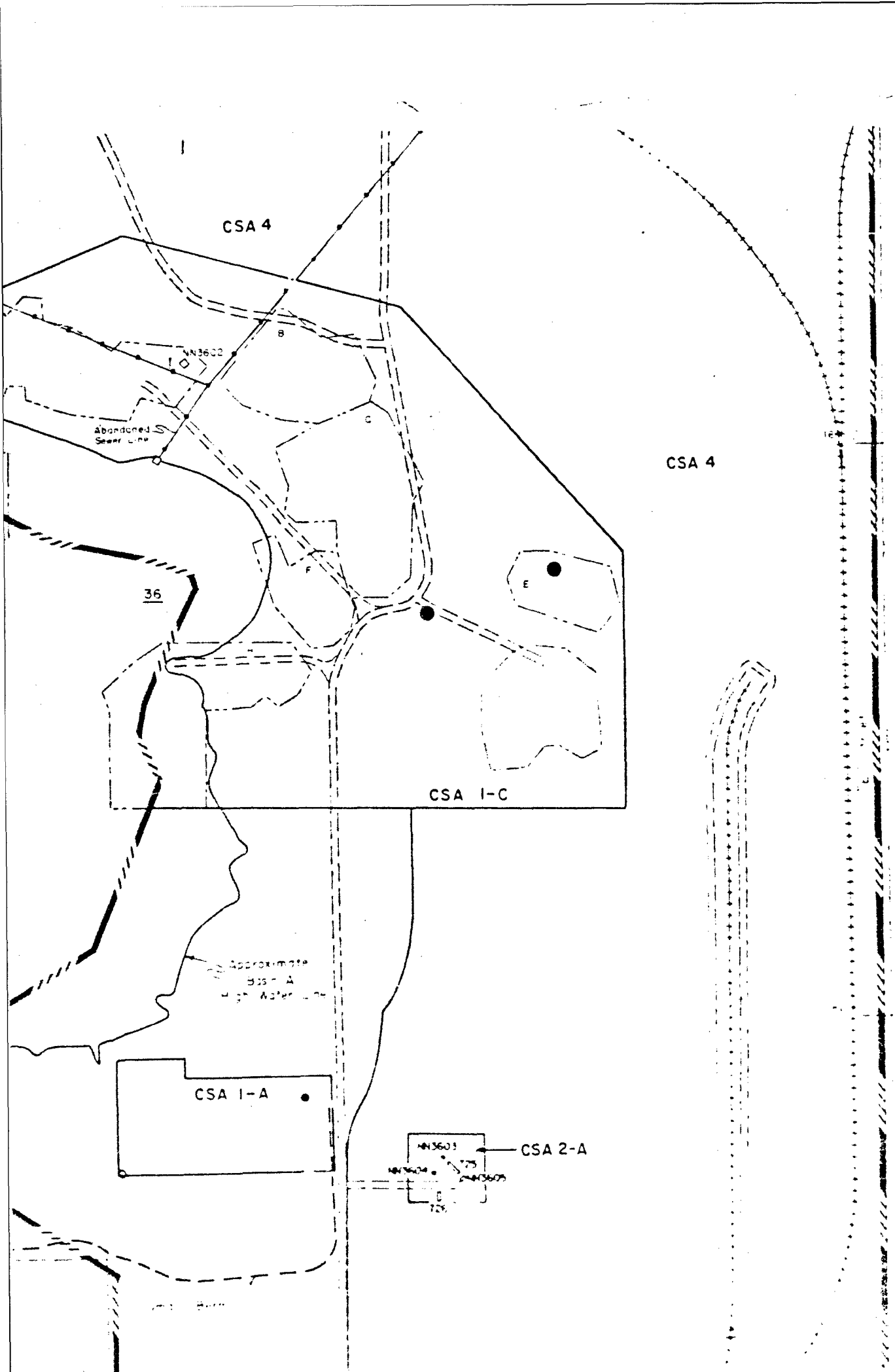
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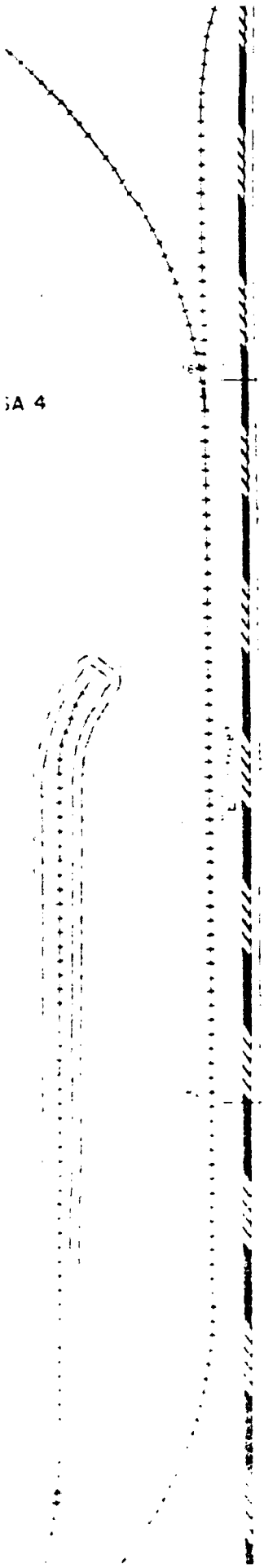
- Improved road
- Unimproved road
- Stream or ditch
- Shore line
- 9 — Section number
- 186,000 — State plane grid
- Structure
- Railroad tracks
- Former structure
- Central Study Area boundary
- Arsenal boundary
- CSA 1-C — Site boundary
- Sanitary sewer
- 8 — Geophysical anomaly
- Chemical sewer

ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

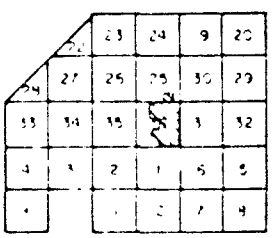
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- • 0.047 – 1.0
- ● 1.0 – 10
- ● 10 – 100
- ● >100


CSA I-D
NCSA 6-A
NCSA I-C
Basin A
NCSA I-A


CSA 4
MN3602
107
B
C
Abandoned
Sewer Line
CSA 4
36
F
E
CSA 1-C
Approximate
CSA 1-A
MN3603
CSA 2-A
MN3604
MH3605
D

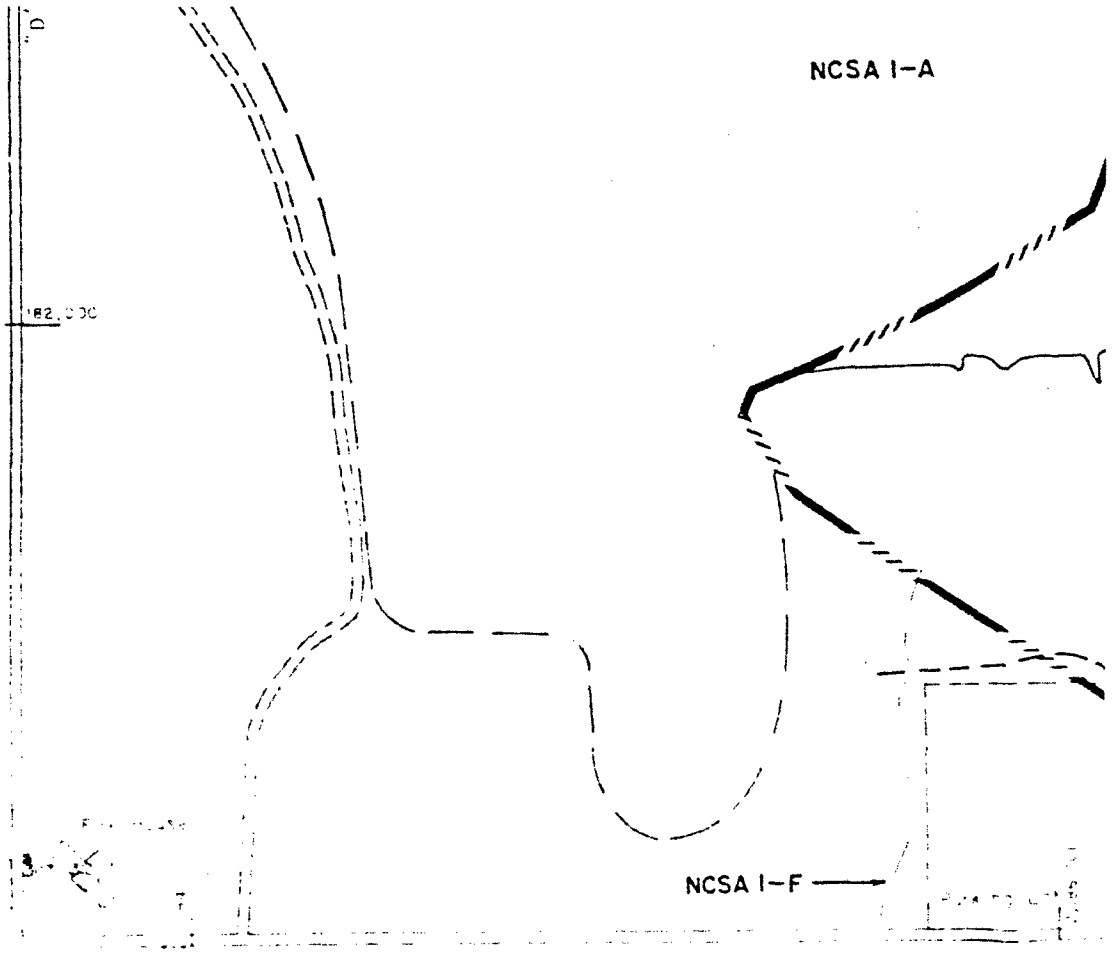


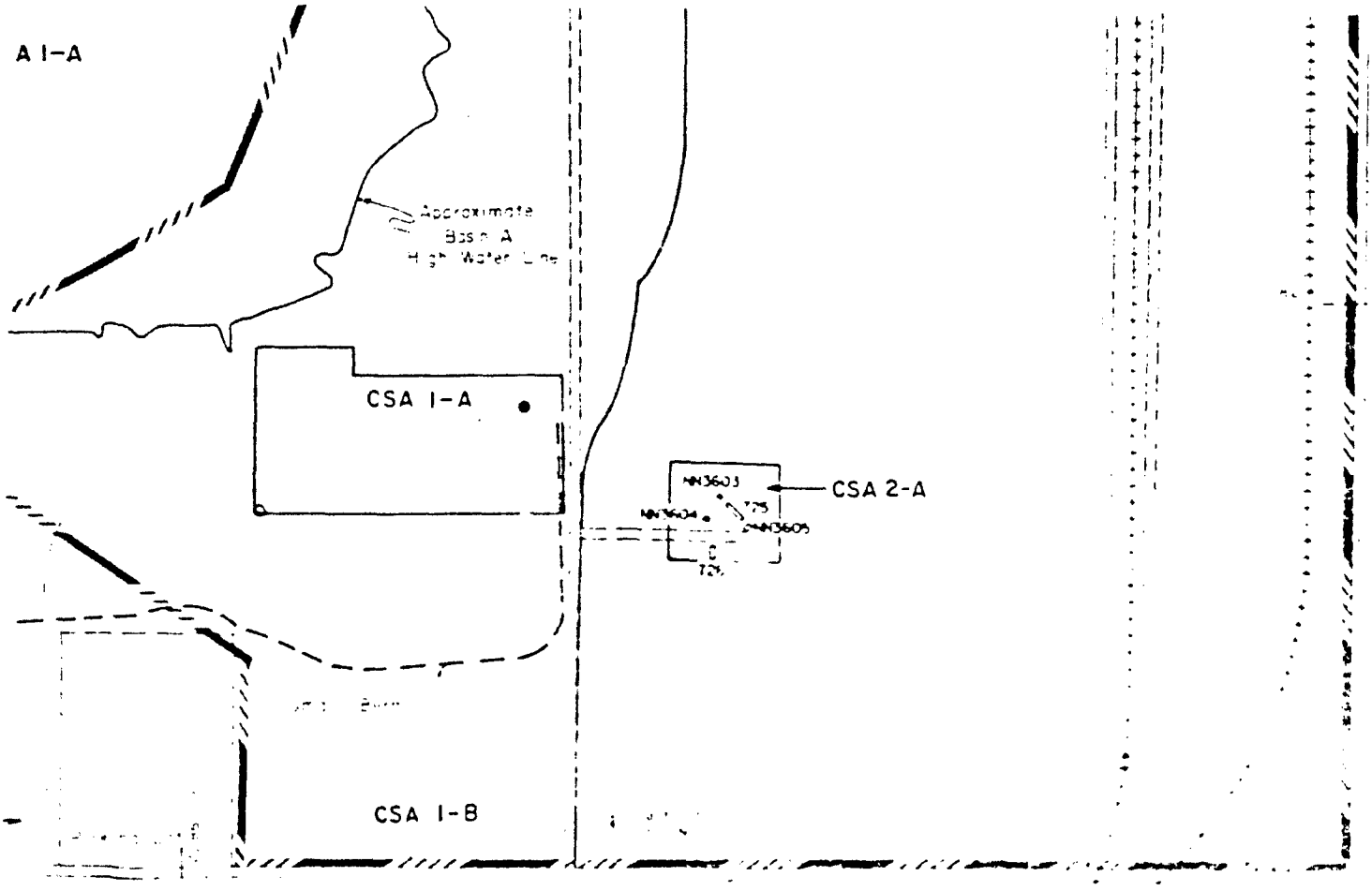
ROCKY MOUNTAIN ARSENAL
LOCATION

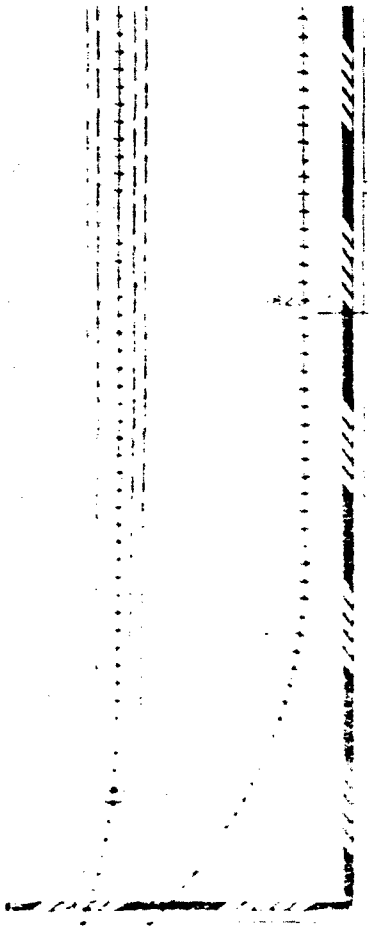


1" = 4 MILES

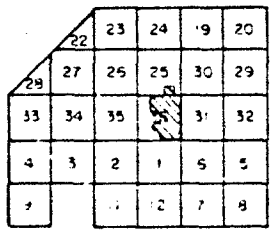



NCSA I-A
NCSA I-F

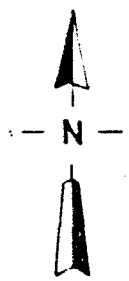

A I-A
Approximate
Basin A
High Water Line
CSA I-A
CSA 2-A
MW3603
MW3604
MW3605
T25
T25
CSA I-B

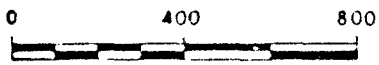


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





Scale in feet

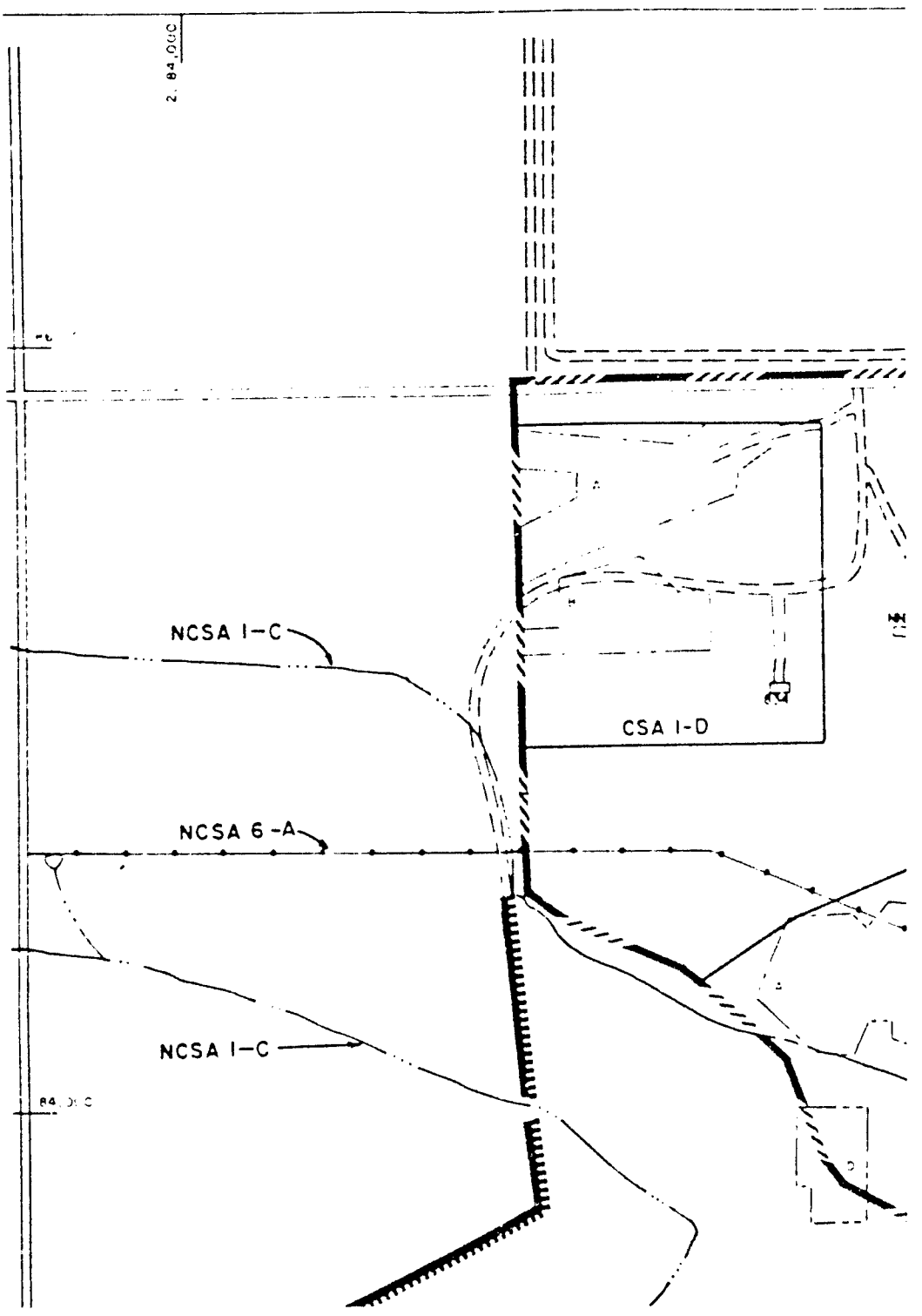
Prepared for:

Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

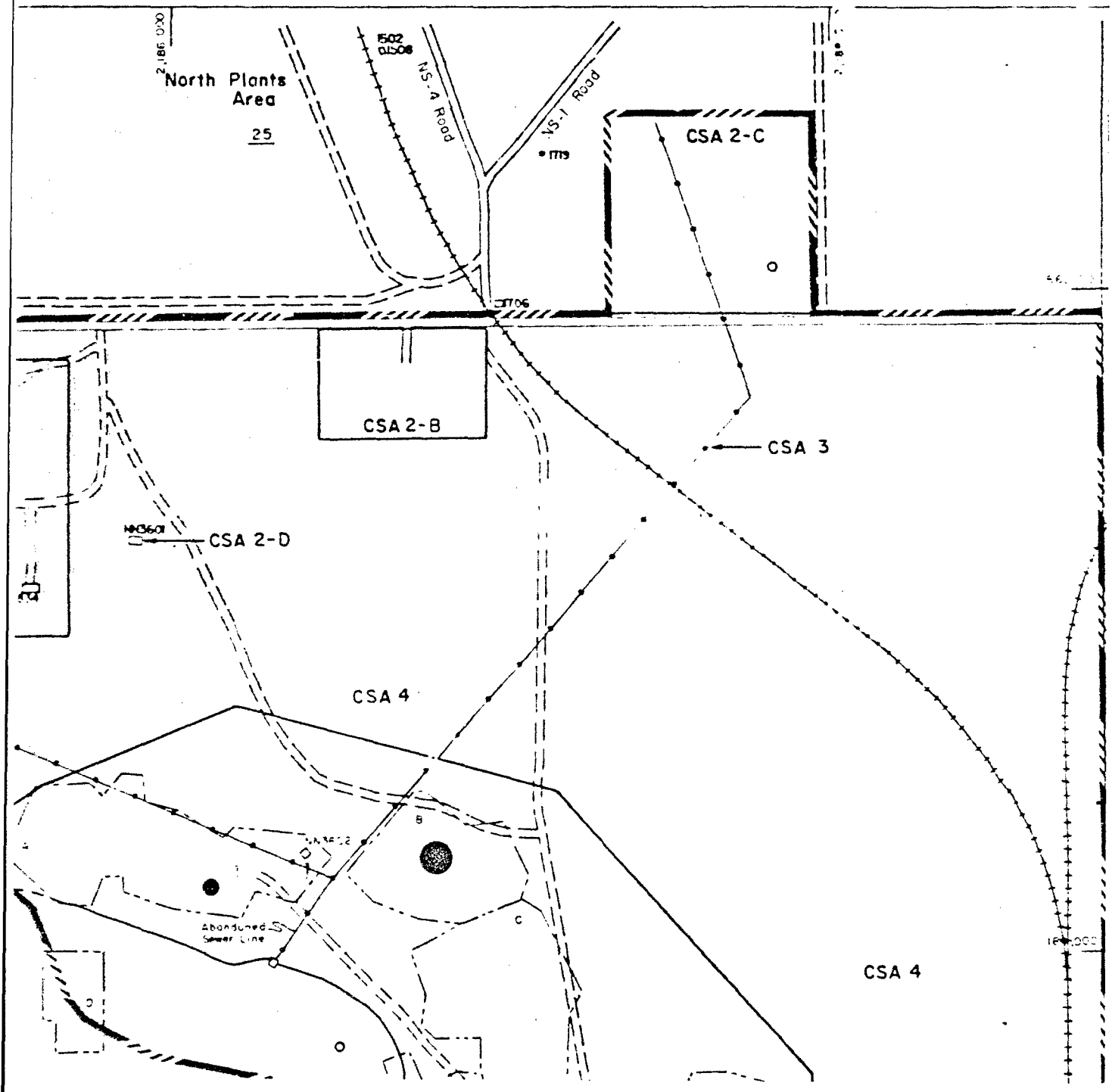
PLATE CSA 2.1-2

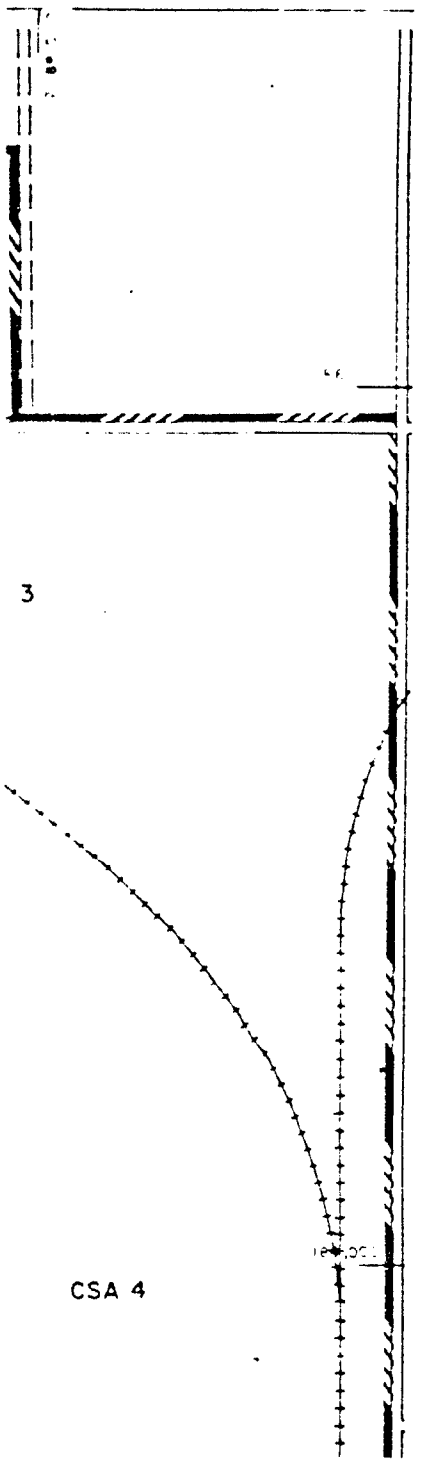
Volatile Halogenated Organic Compounds
in Soils in the 0-2 ft. Interval

Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated


NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C

(2)


North Plants Area
25
NS-4 Road
NS-1 Road
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4
Abandoned Sewer Line

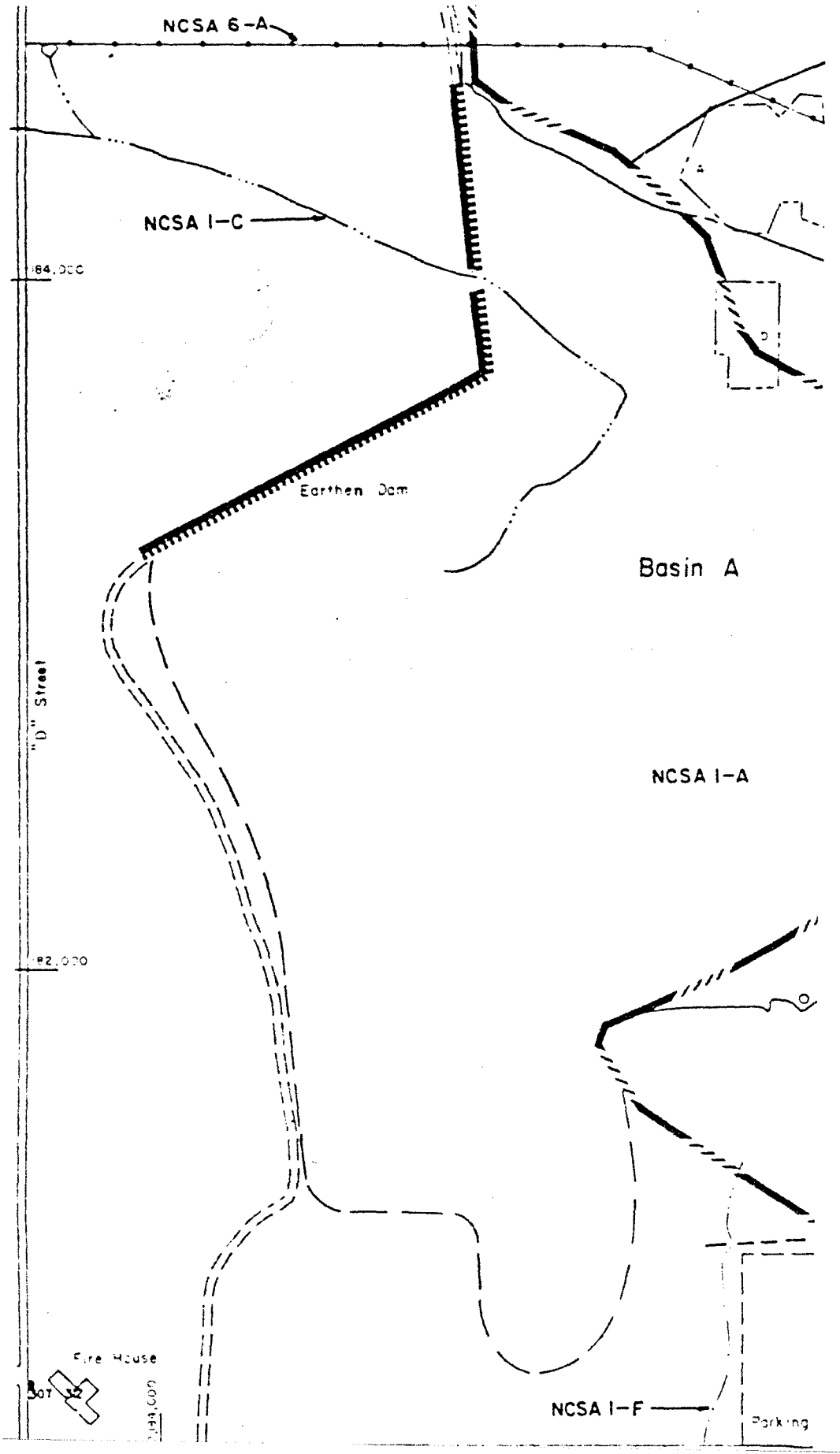


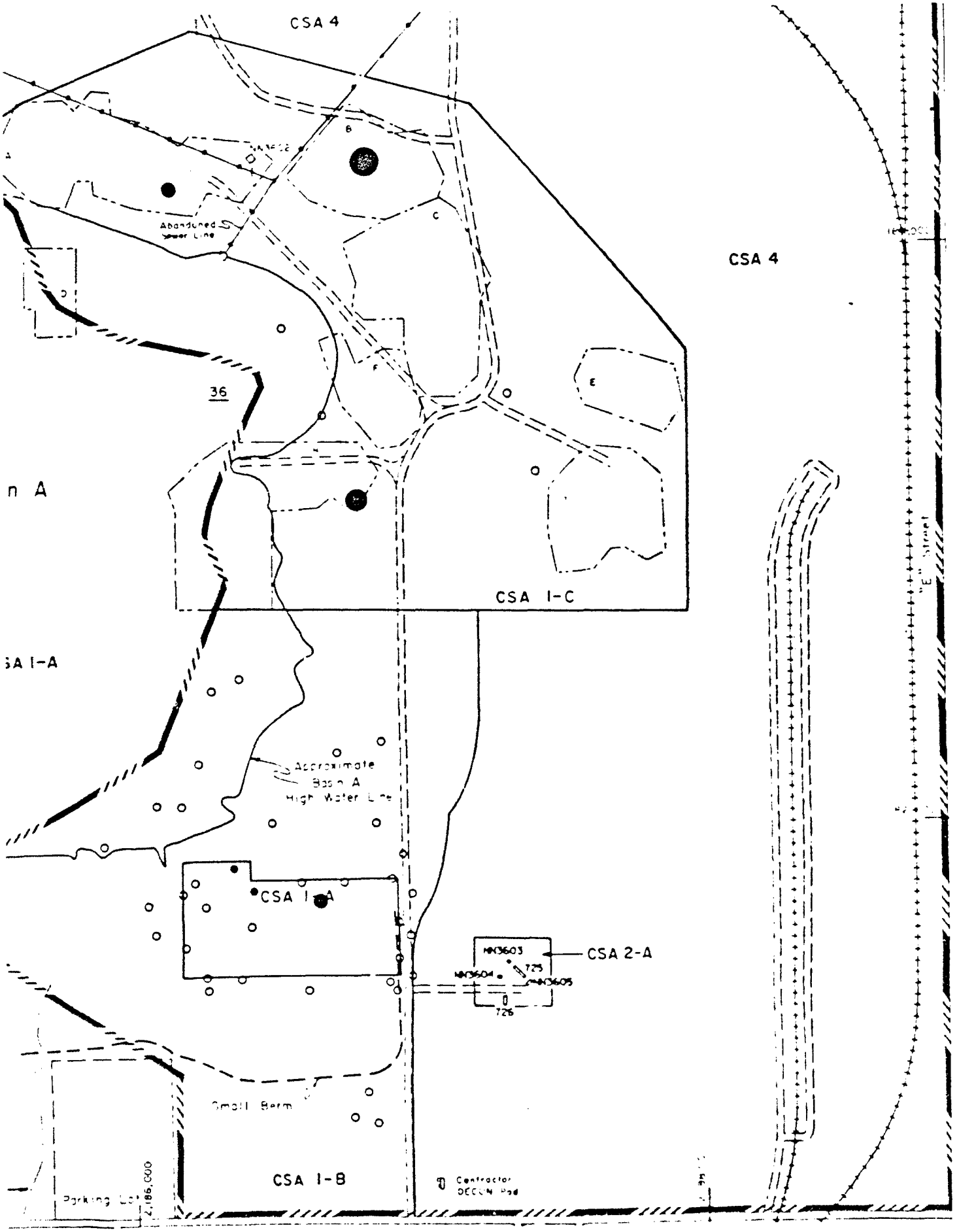
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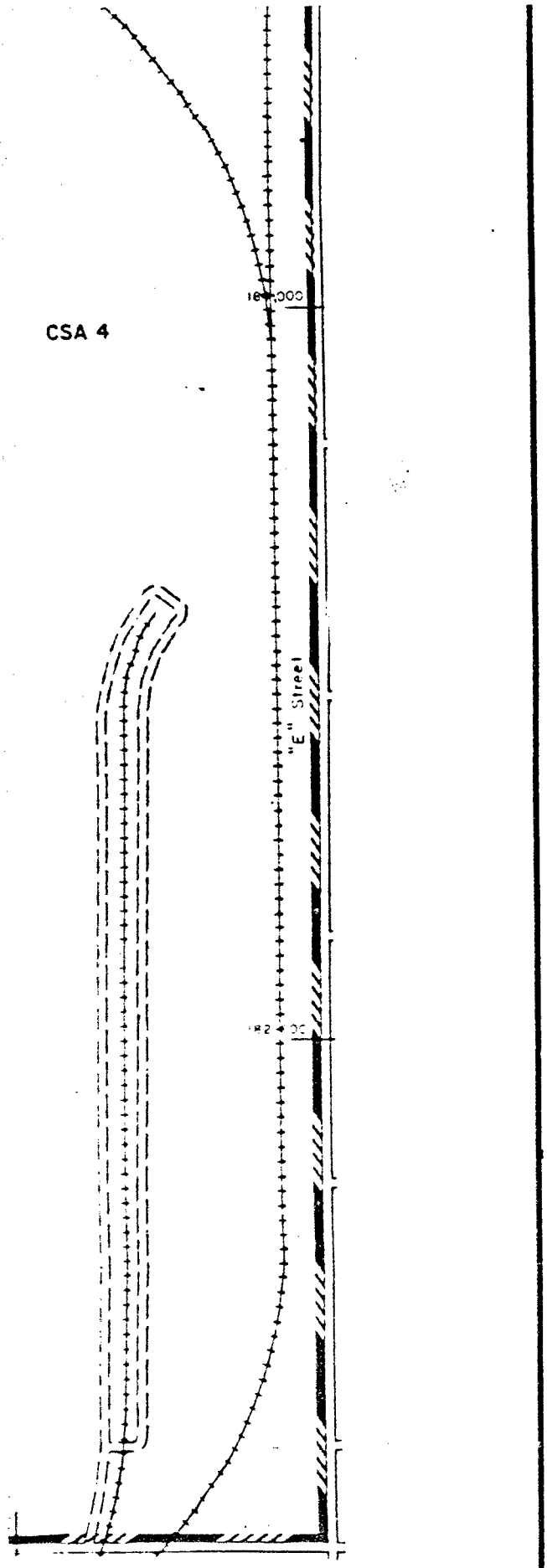
- Improved road
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- 186,000 State plane grid
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- Railroad tracks
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- Arsenal boundary
- CSA 1-C Site boundary
- Sanitary sewer
- 8 Geophysical anomaly
- Chemical sewer

ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

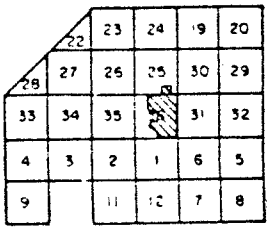
- o Below Certified Reporting Limit (BCRL)
- • 0.047 – 1.0
- ● 1.0 – 10
- ● 10 – 100
- ● >100


NCSA 6-A
NCSA 1-C
184,000
Earthen Dam
Basin A
"D" Street
NCSA 1-A
182,000
Fire House
NCSA 1-F
Parking


CSA 4
Abandoned Sewer Line
CSA 4
36
n A
CSA 1-C
SA 1-A
Approximate Basin A High Water Line
CSA 1-A
MW3603
MW3604
MW3605
725
725
CSA 2-A
Small Berm
CSA 1-B
Contractor DECON Pad
Parking Lot
2,186,000
"E" Street

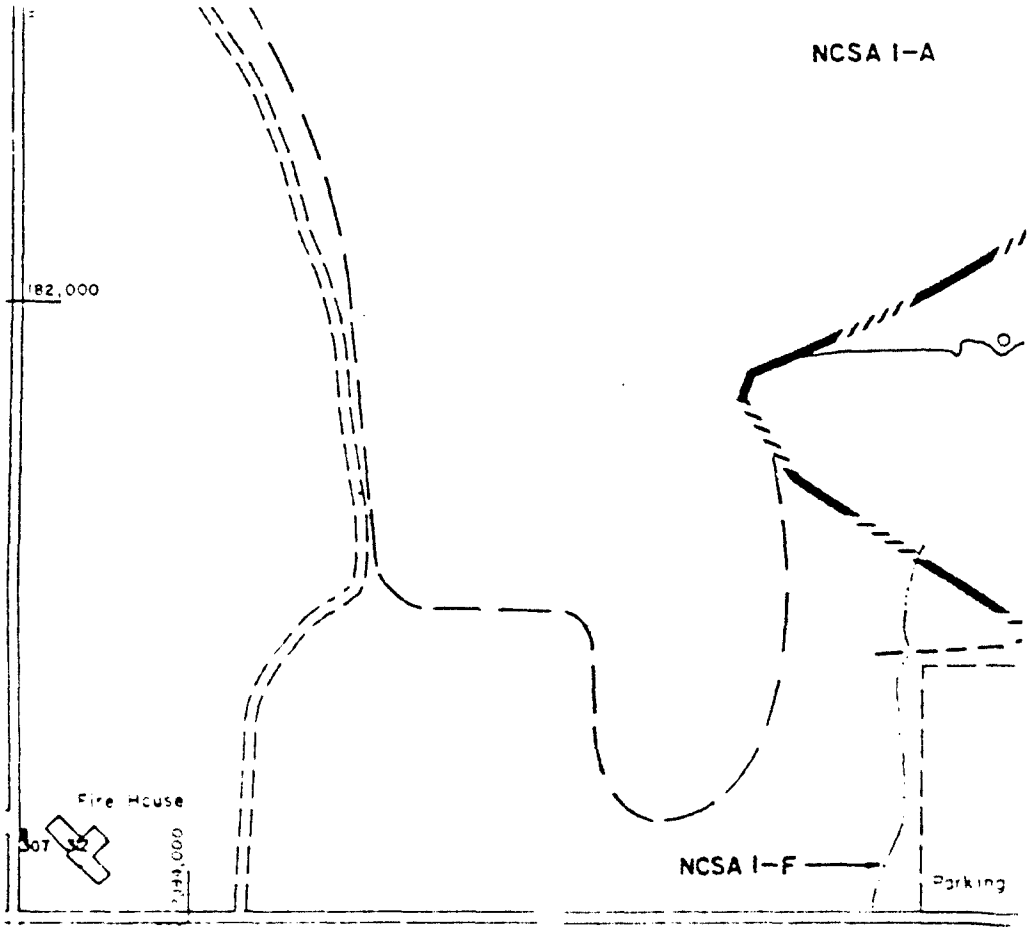


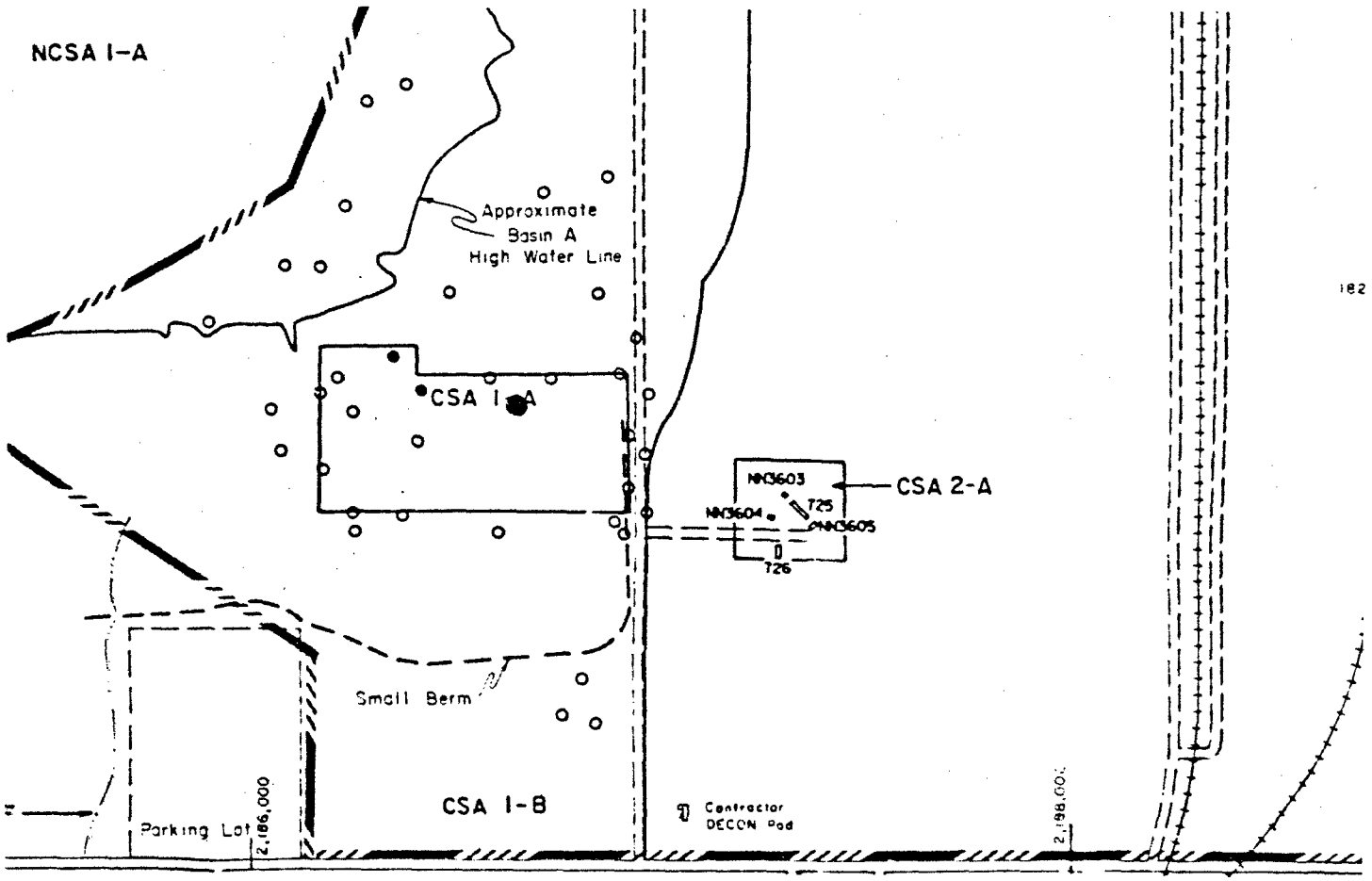
ROCKY MOUNTAIN ARSENAL
LOCATION

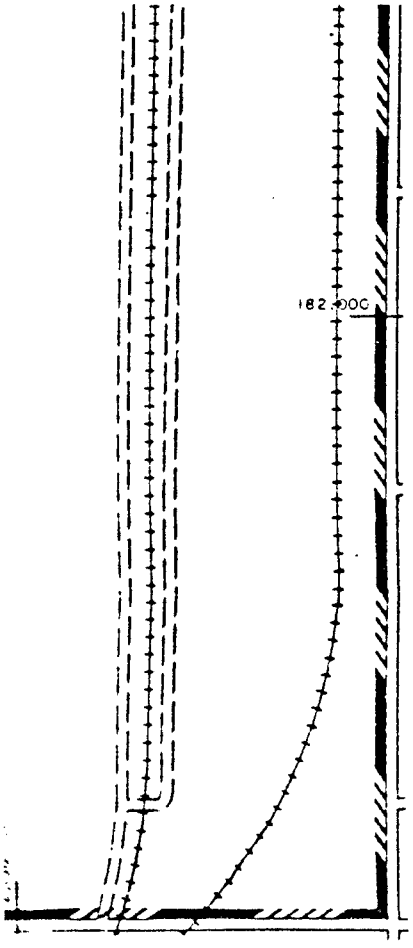


1" = 4 MILES

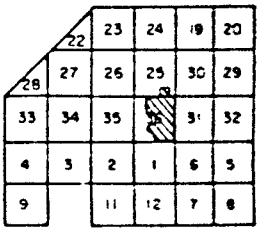



NCSA I-A
182,000
Fire House
NCSA I-F
Parking

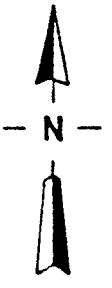

NCSA I-A
Approximate
Basin A
High Water Line
CSA I-A
NW3603
CSA 2-A
725
NW3604
NW3605
726
Small Berm
CSA I-B
Parking Lot
2,186,000
Contractor
DECON Pad
2,188,000

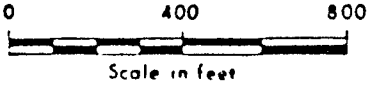


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





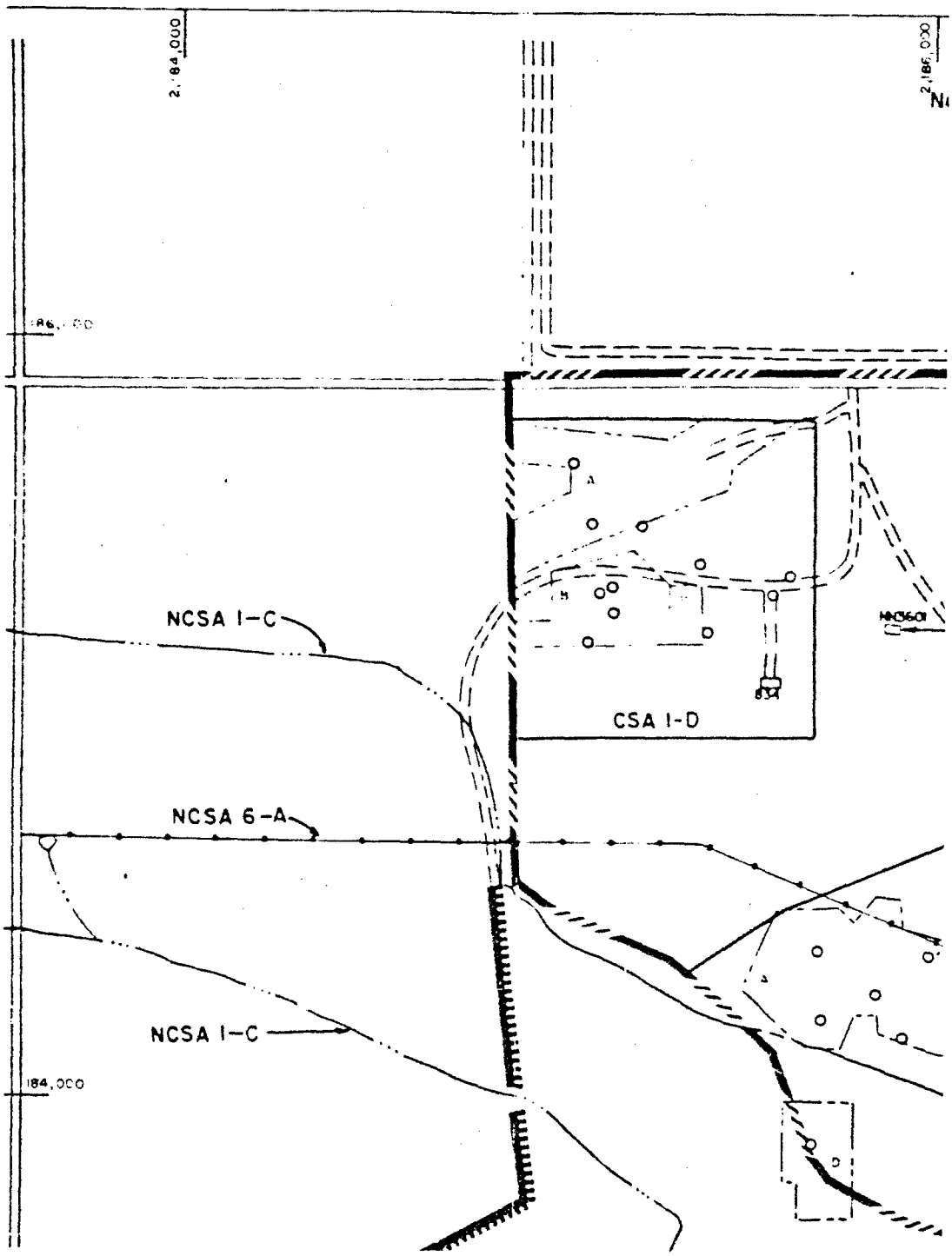
Prepared for:

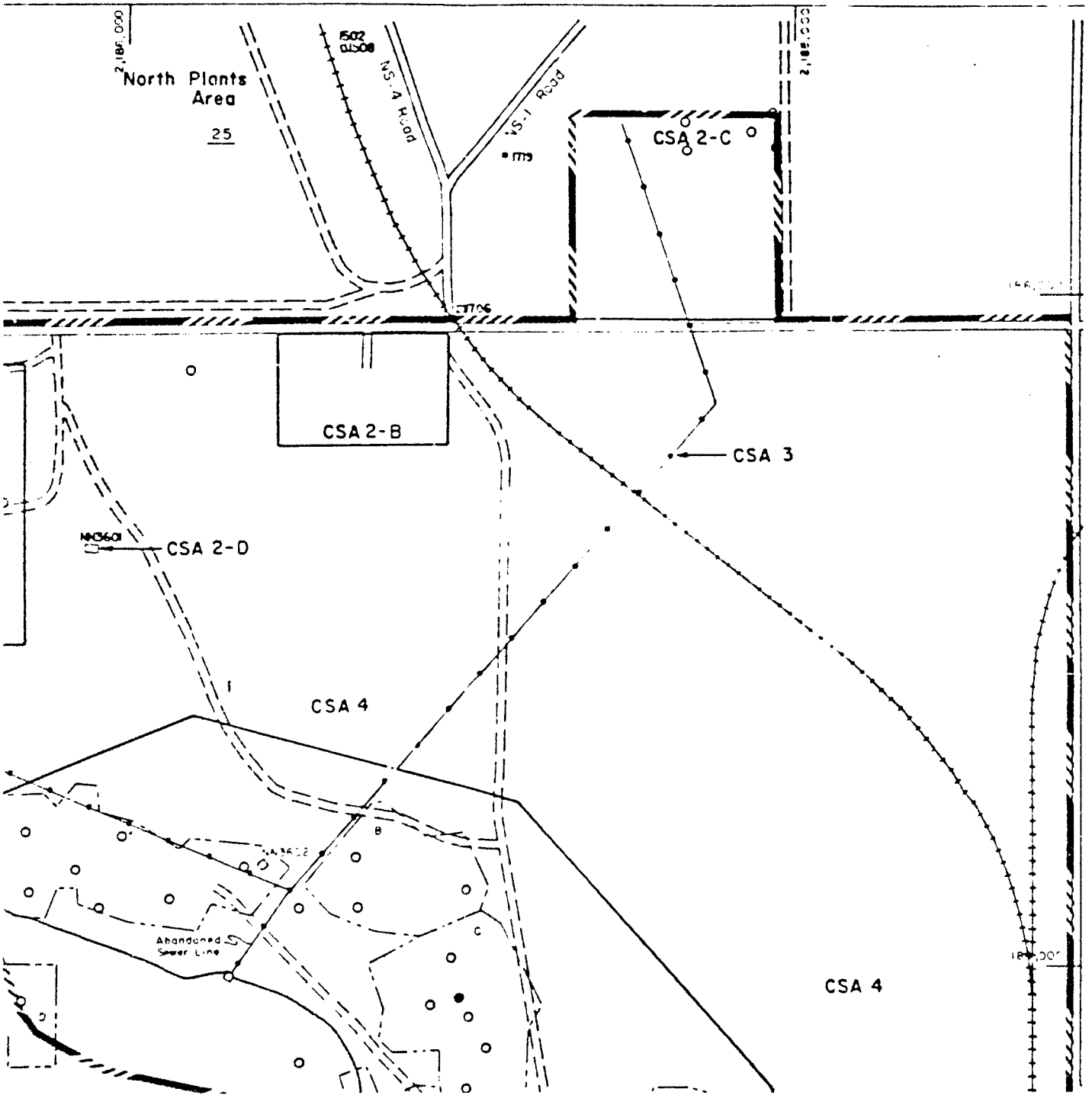
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

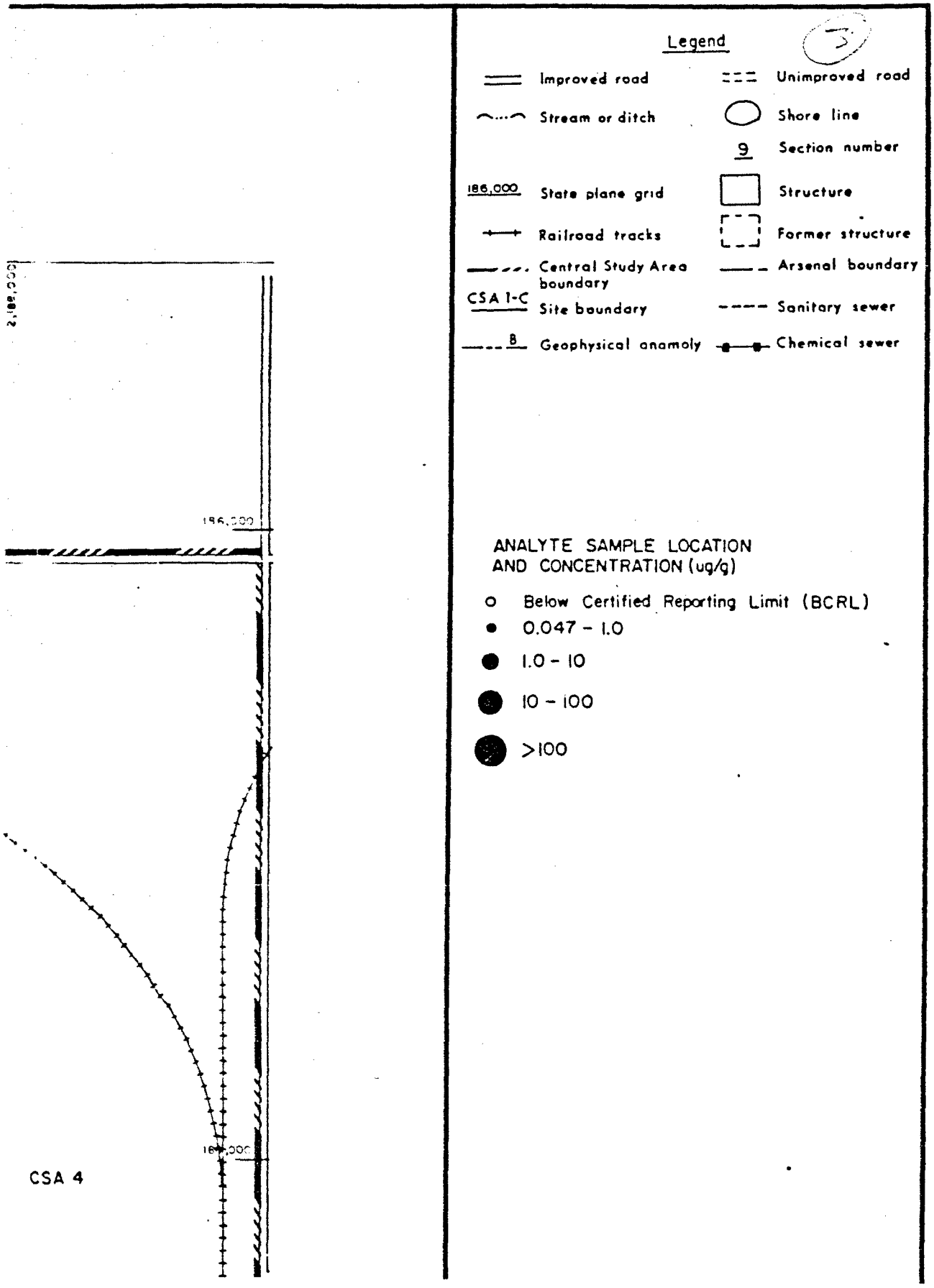
PLATE CSA 2.1-3

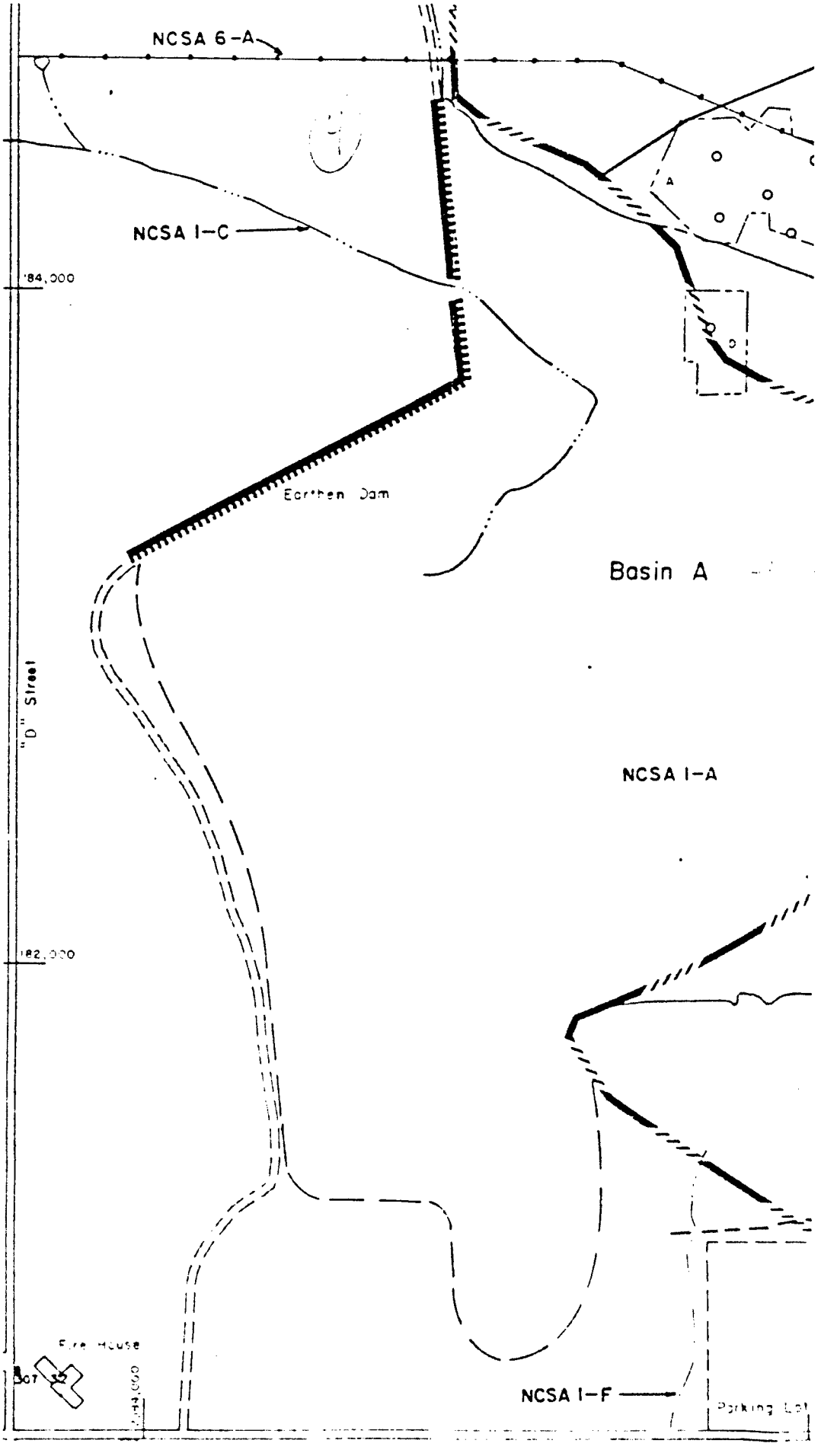
Volatile Halogenated Organic Compounds
in Soils in the 2-5 ft. Interval

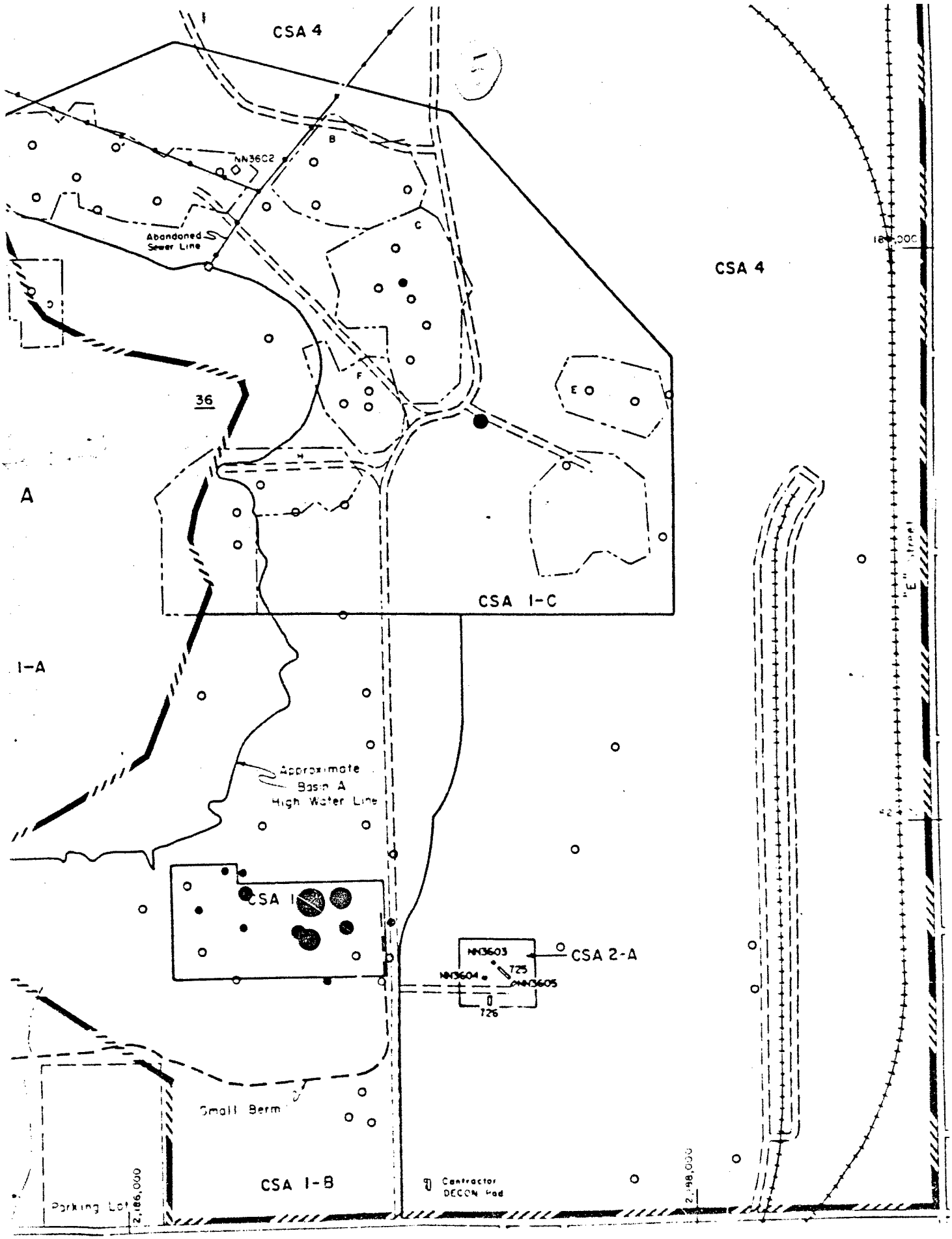
Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated

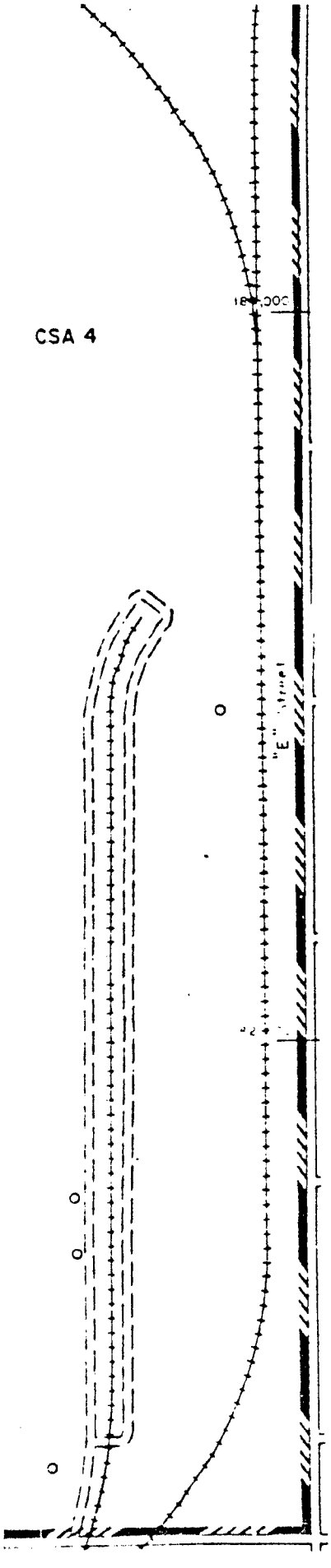

2,184,000
2,186,000
NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C
184,000


North Plants Area
25
NS-4 Road
NS-1 Road
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4
Abandoned Sewer Line

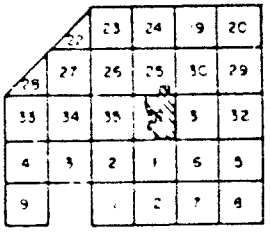

Legend
Improved road
Unimproved road
Stream or ditch
Shore line
9
Section number
186,000
State plane grid
Structure
Railroad tracks
Former structure
Central Study Area boundary
Arsenal boundary
CSA 1-C
Site boundary
Sanitary sewer
8
Geophysical anamoly
Chemical sewer
ANALYTE SAMPLE LOCATION
AND CONCENTRATION (ug/g)
Below Certified Reporting Limit (BCRL)
0.047 - 1.0
1.0 - 10
10 - 100
>100
186,000
CSA 4


NCSA 6-A
NCSA 1-C
184,000
Earthen Dam
Basin A
"D" Street
NCSA 1-A
182,000
Fire House
NCSA 1-F
Parking Lot


CSA 4
NN3602
B
C
Abandoned Sewer Line
D
36
F
E
A
CSA 4
CSA 1-C
1-A
Approximate Basin A High Water Line
CSA 1-A
NN3603
CSA 2-A
725
NN3604
NN3605
726
Small Berm
CSA 1-B
Contractor DECON Pad
Parking Lot
2,186,000
2,498,000
"E" Street

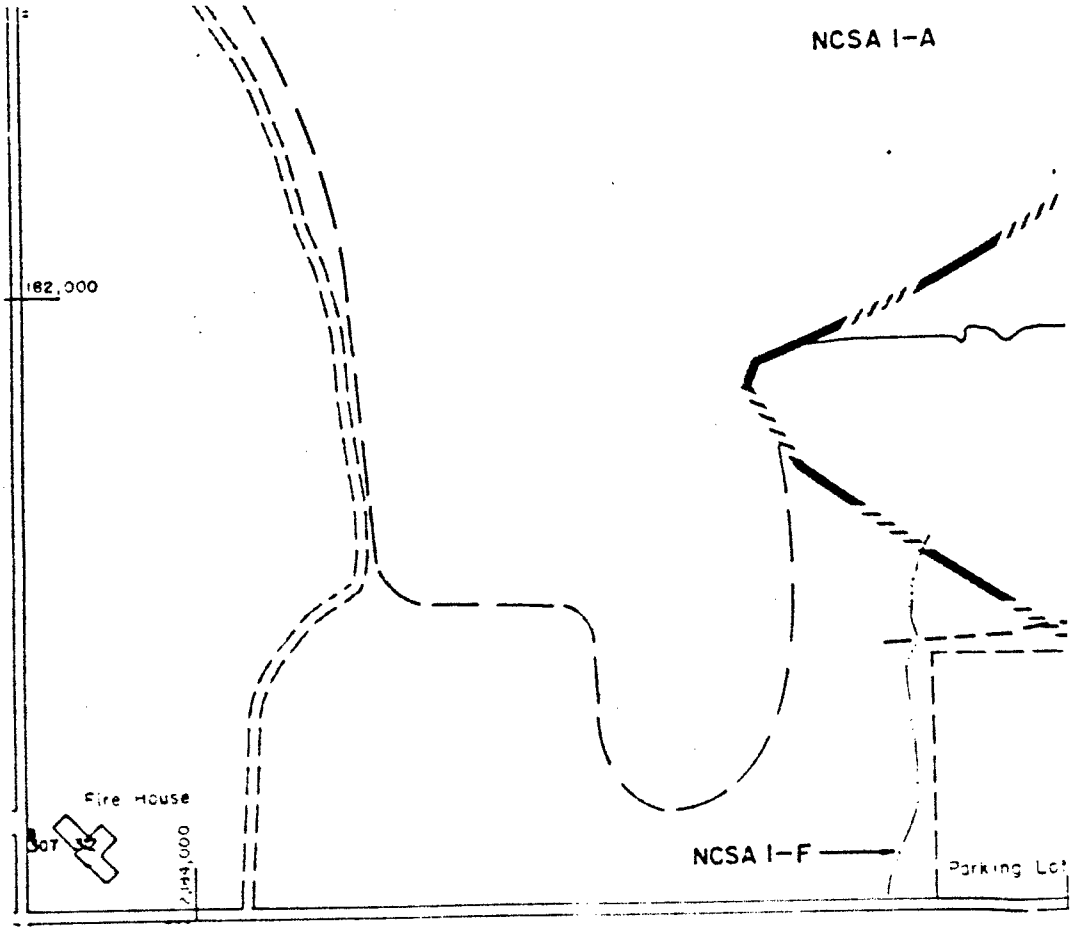


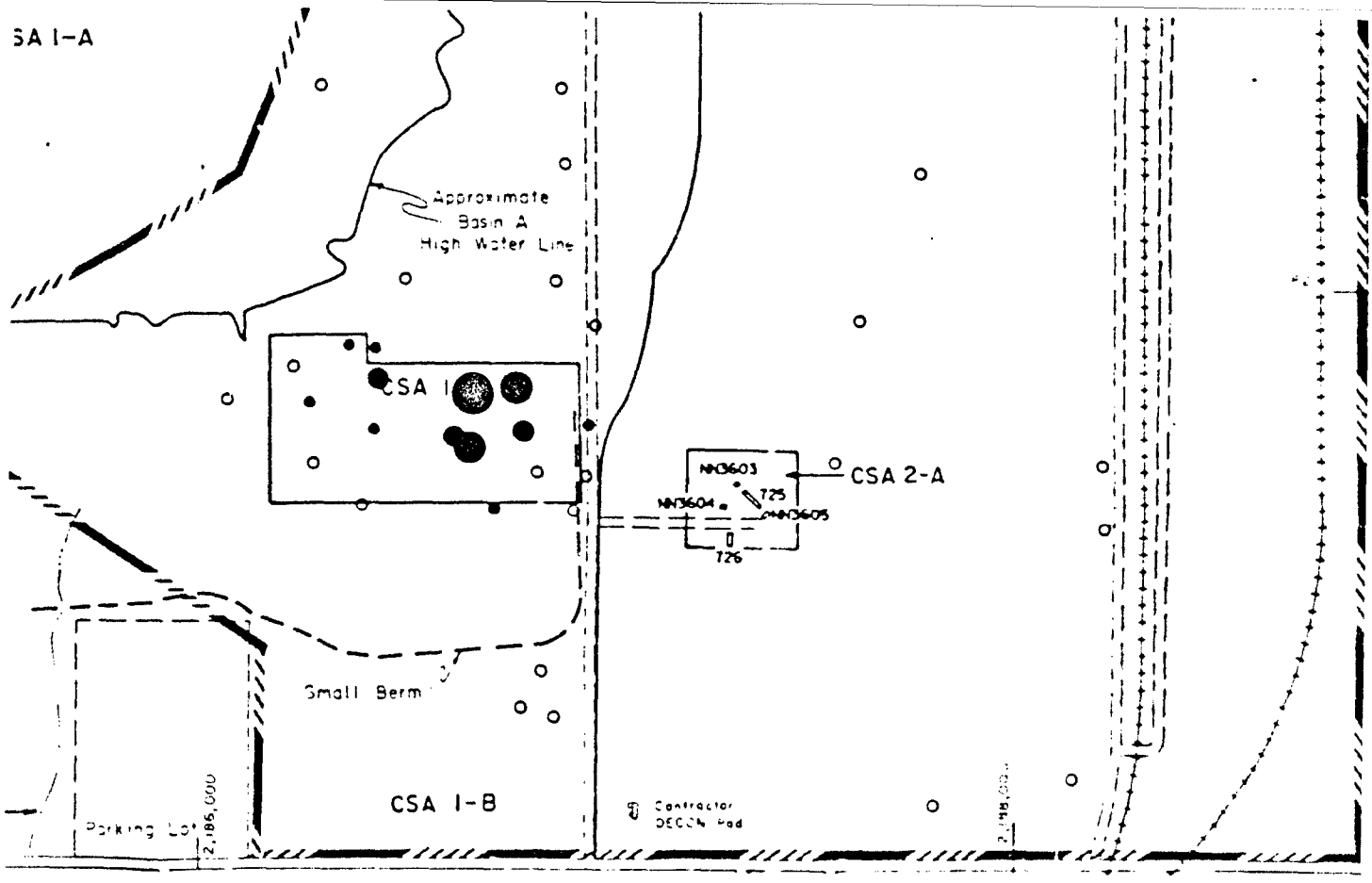
ROCKY MOUNTAIN ARSENAL
LOCATION

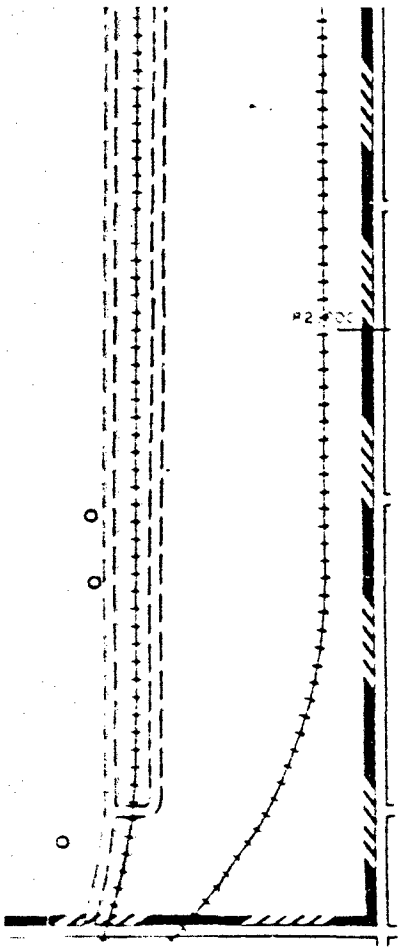


1" = 4 MILES

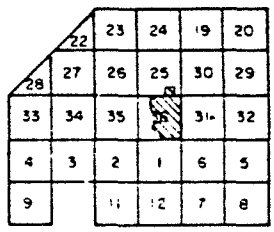



NCSA I-A
182,000
Fire House
NCSA I-F
Parking Lot

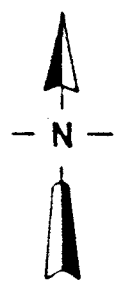

SA 1-A
Approximate
Basin A
High Water Line
CSA 1
NN3603
CSA 2-A
725
NN3604
NN3605
726
Small Berm
Parking Lot
2,186,000
CSA 1-B
Contractor
DECON Pad

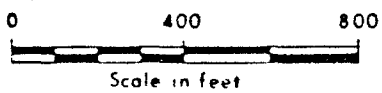


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





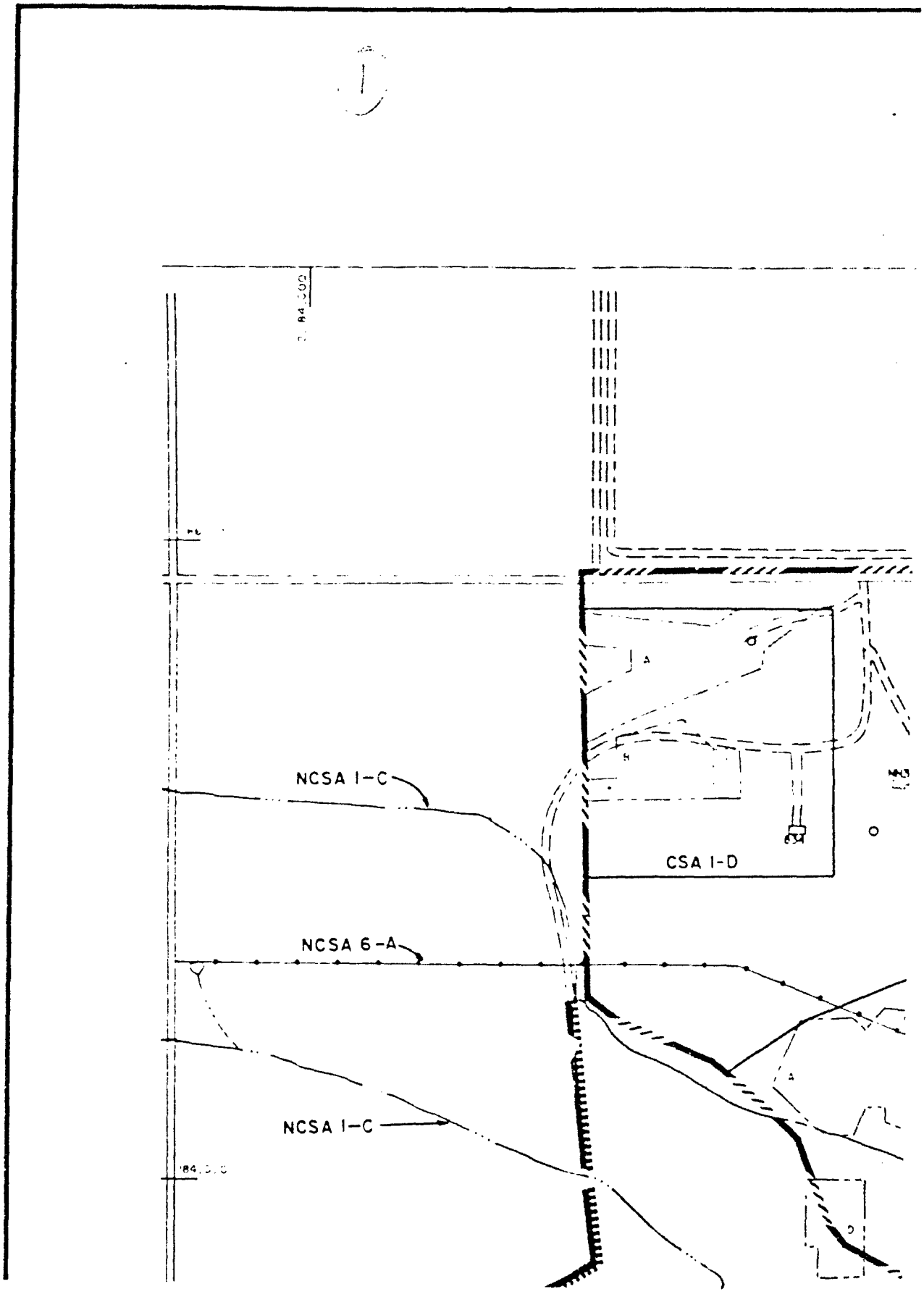
Prepared for:

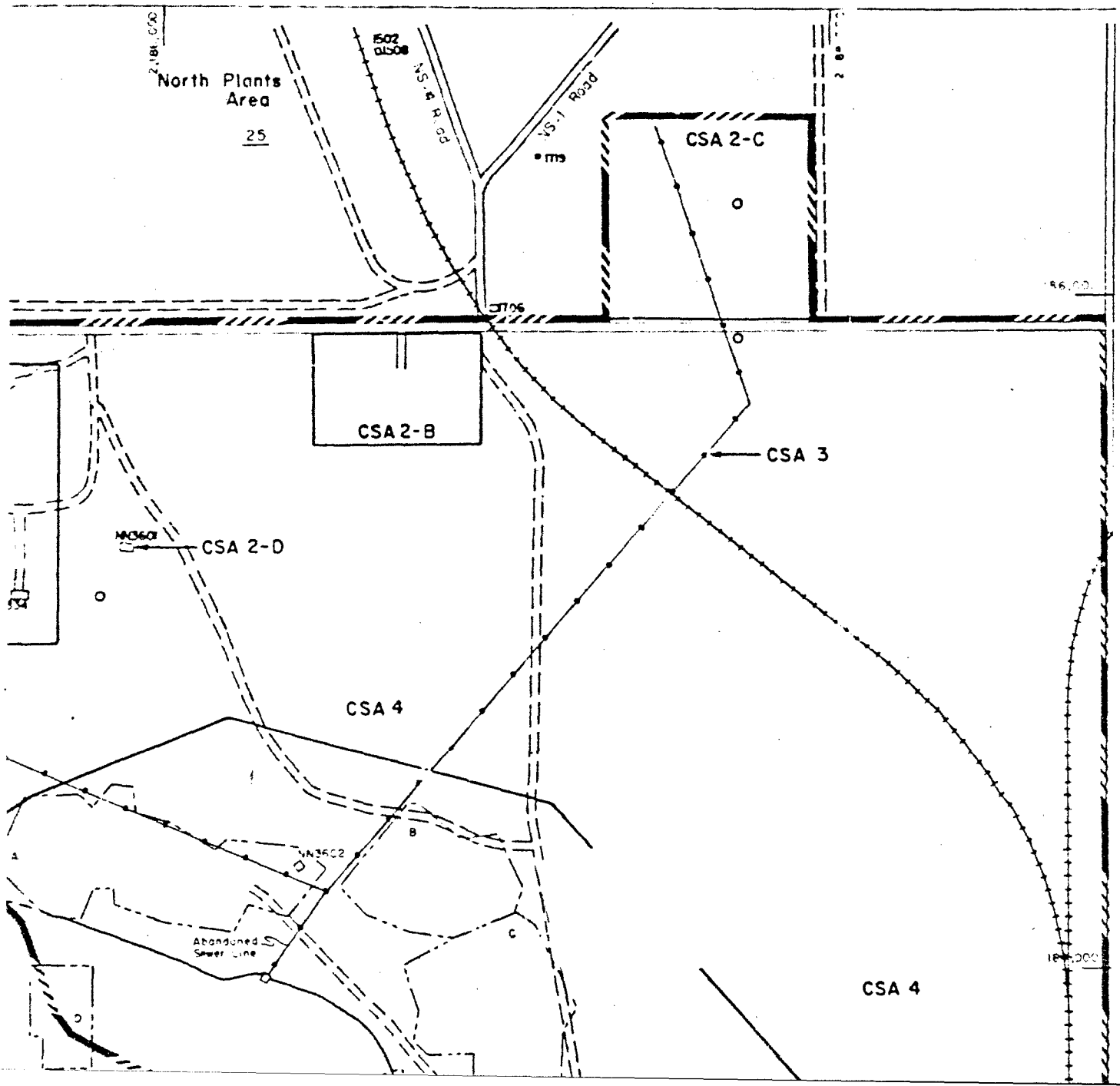
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

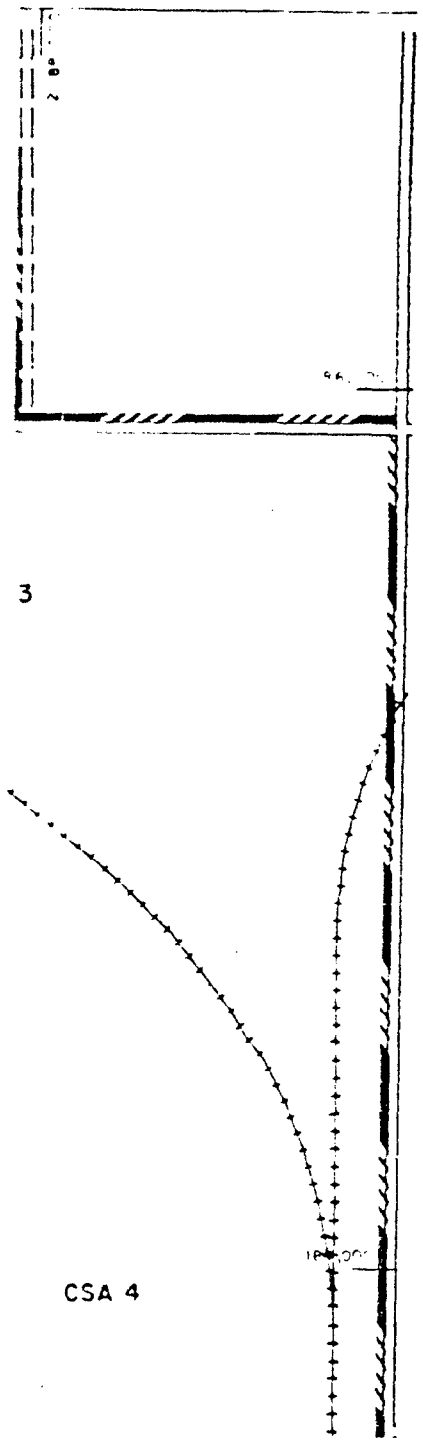
PLATE CSA 2.1-4

Volatile Halogenated Organic Compounds
in Soils in the 5-20ft. Interval

Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated


NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C


North Plants Area
25
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4
Abandoned Sewer Line

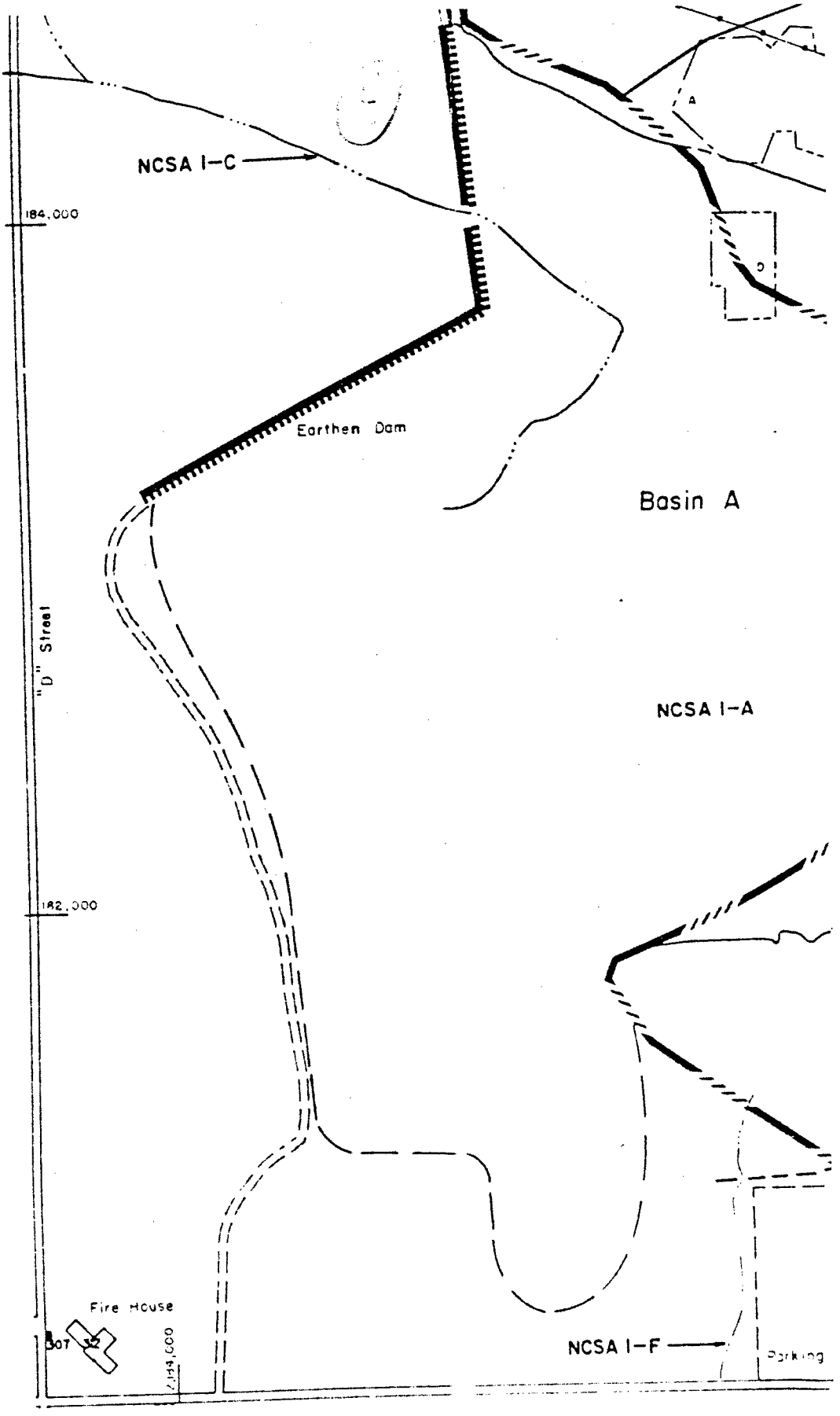


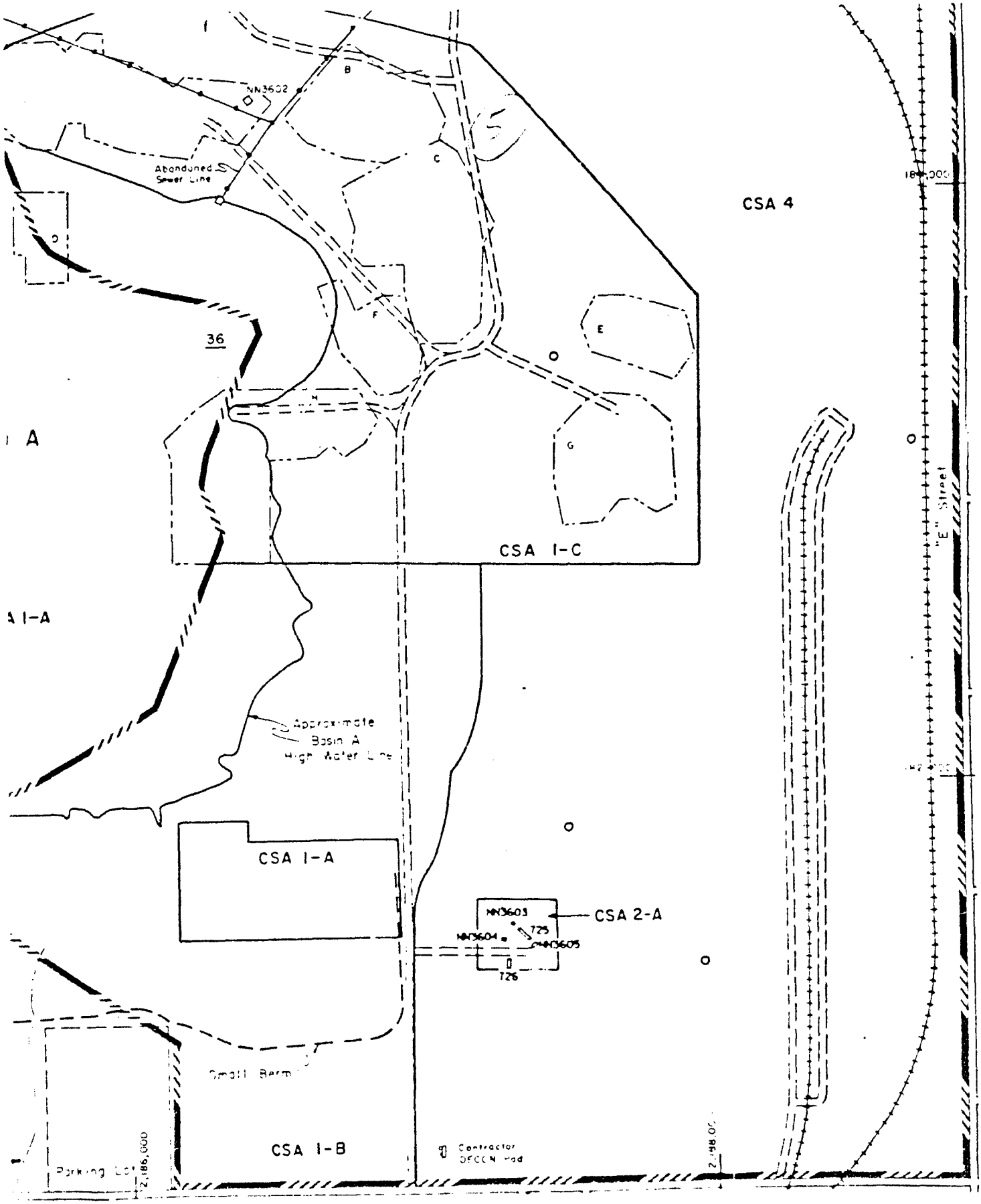
Legend

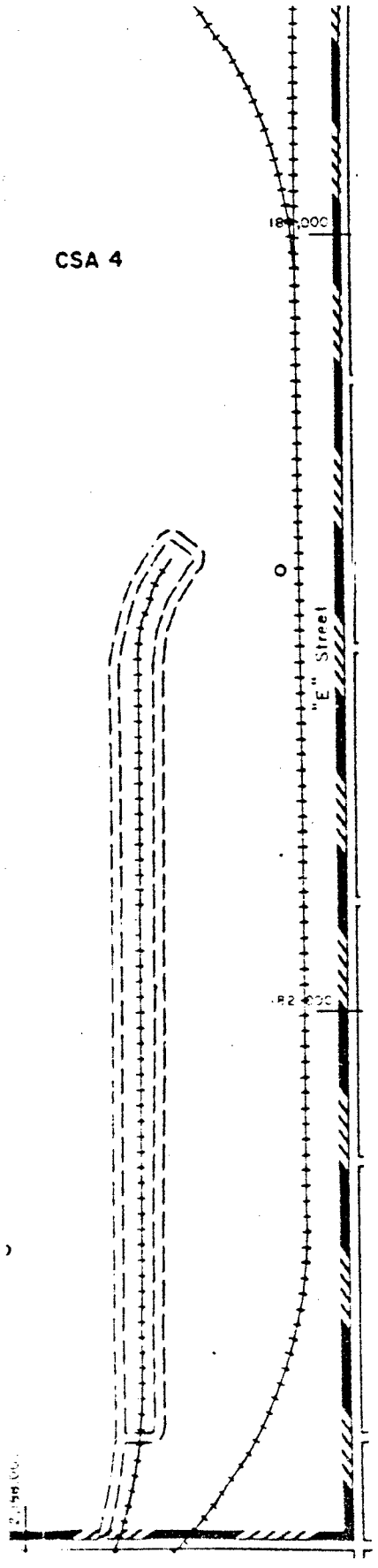
- Improved road
- Unimproved road
- Stream or ditch
- Shore line
- 9 Section number
- 186,000 State plane grid
- Structure
- Railroad tracks
- Former structure
- Central Study Area boundary
- Arsenal boundary
- CSA 1-C Site boundary
- Sanitary sewer
- 8 Geophysical anomaly
- Chemical sewer

ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

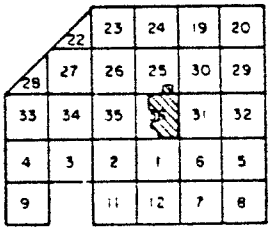
- o Below Certified Reporting Limit (BCRL)
- ● 0.047 – 1.0
- ● 1.0 – 10
- ● 10 – 100
- ● >100


NCSA I-C
184,000
Earthen Dam
Basin A
"D" Street
NCSA I-A
182,000
Fire House
NCSA I-F
Parking


CSA 4
CSA I-C
CSA I-A
CSA 2-A
CSA I-B
NN3602
NN3603
NN3604
NN3605
725
726
Abandoned Sewer Line
Approximate Basin A High Water Line
Small Berm
Contractor
"E" Street
Parking Lot
36
A
B
C
D
E
F
G

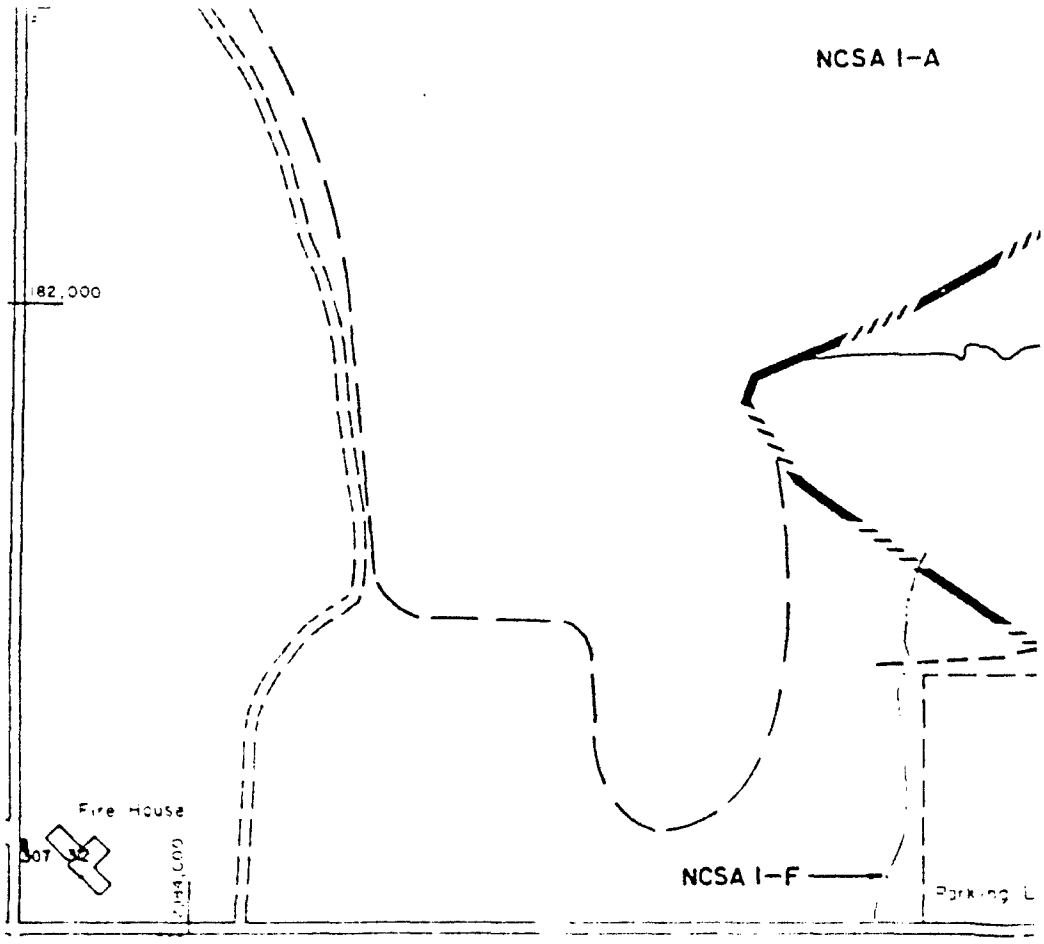


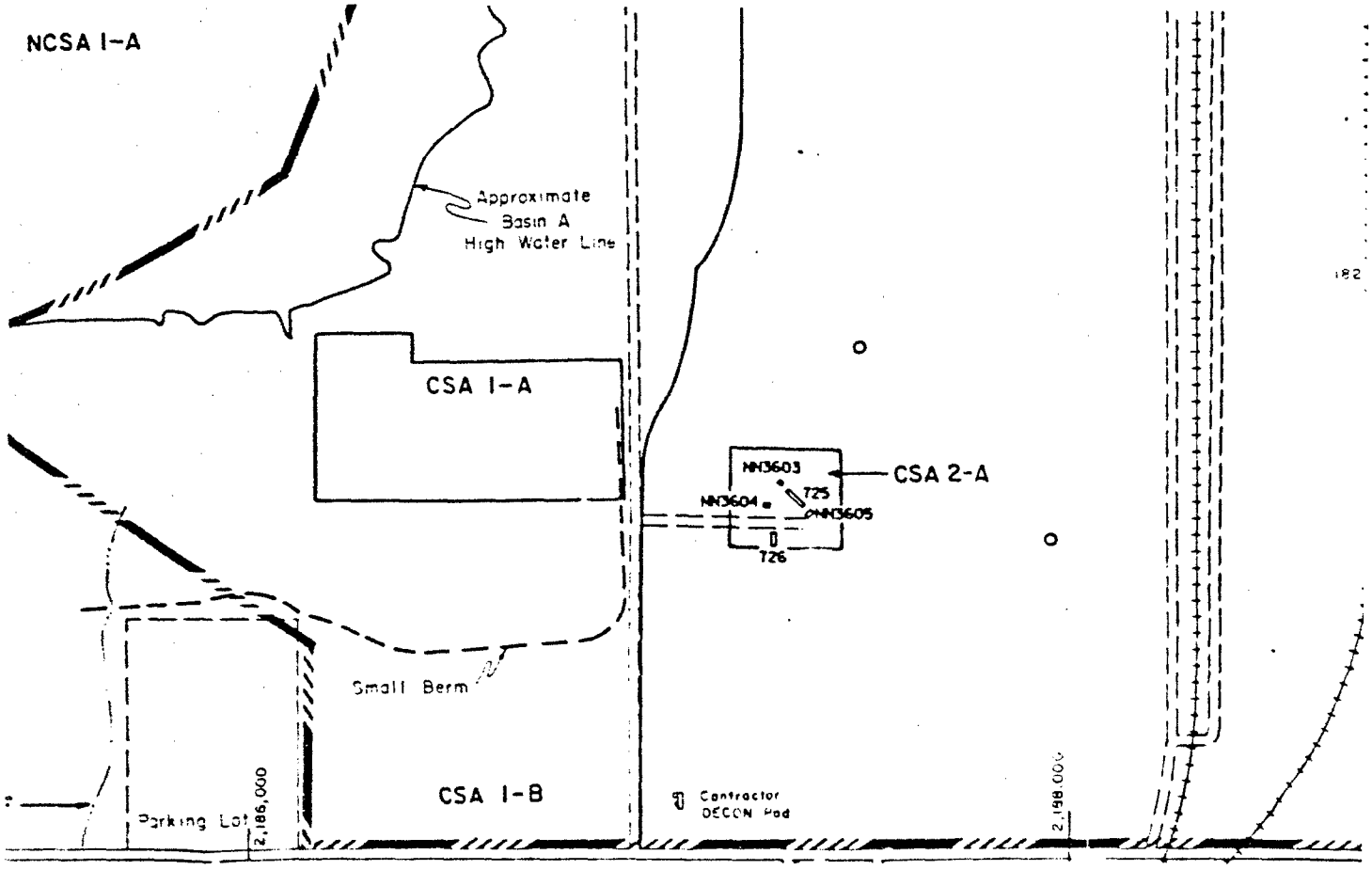
ROCKY MOUNTAIN ARSENAL
LOCATION

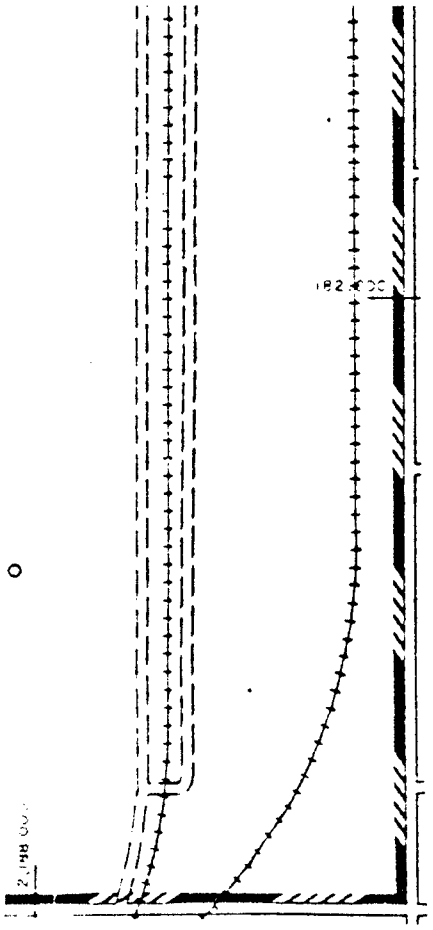


1" = 4 MILES

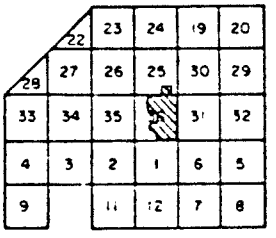



NCSA I-A
182,000
Fire House
NCSA I-F

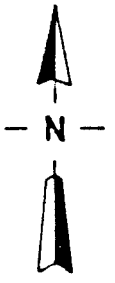

NCSA 1-A
Approximate
Basin A
High Water Line
CSA 1-A
MW3603
CSA 2-A
725
MW3604
MW3605
726
Small Berm
CSA 1-B
Parking Lot
2,186,000
Contractor
DECON Pad
2,198,000
182

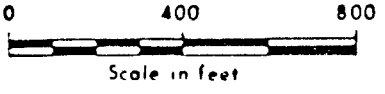


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





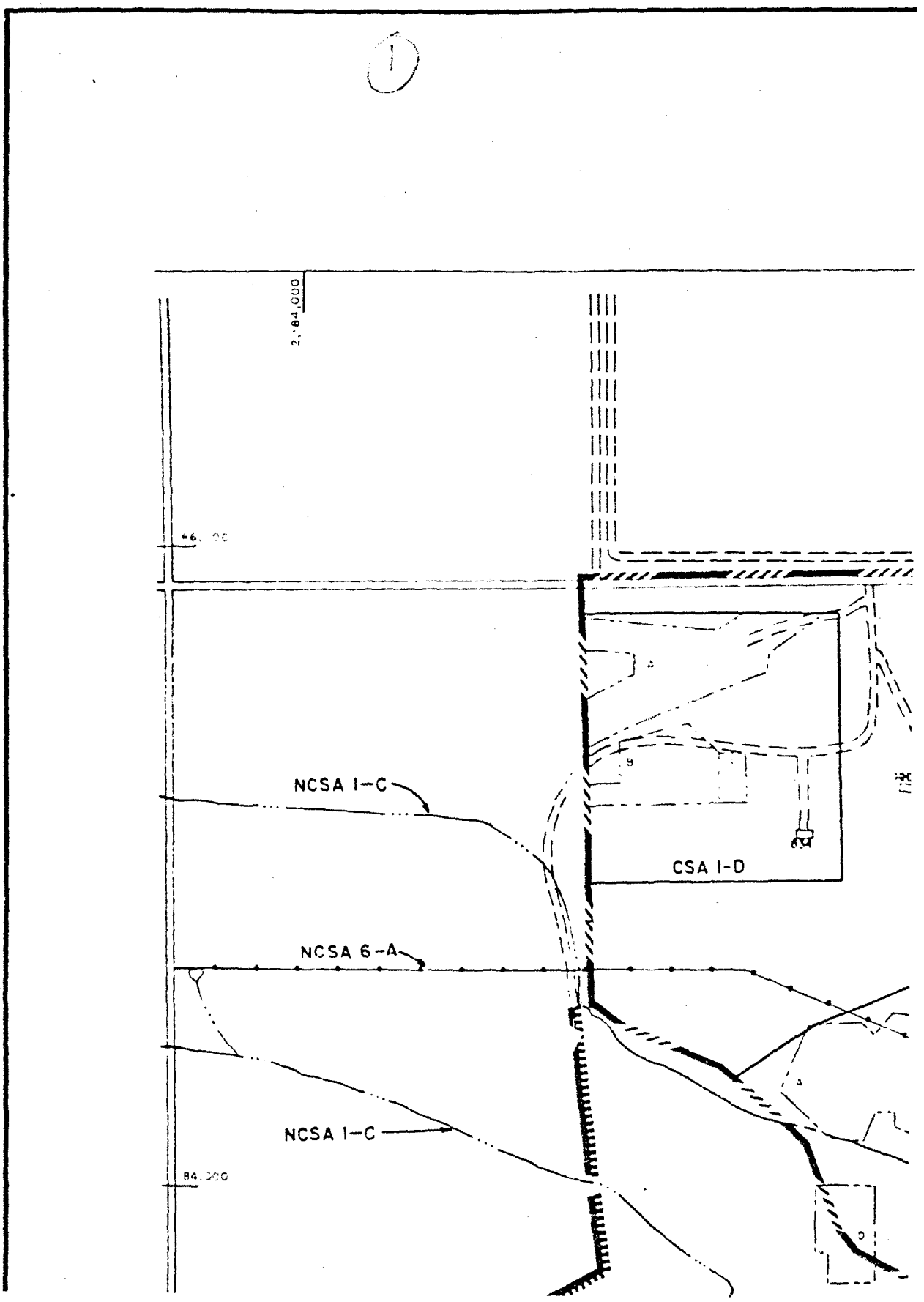
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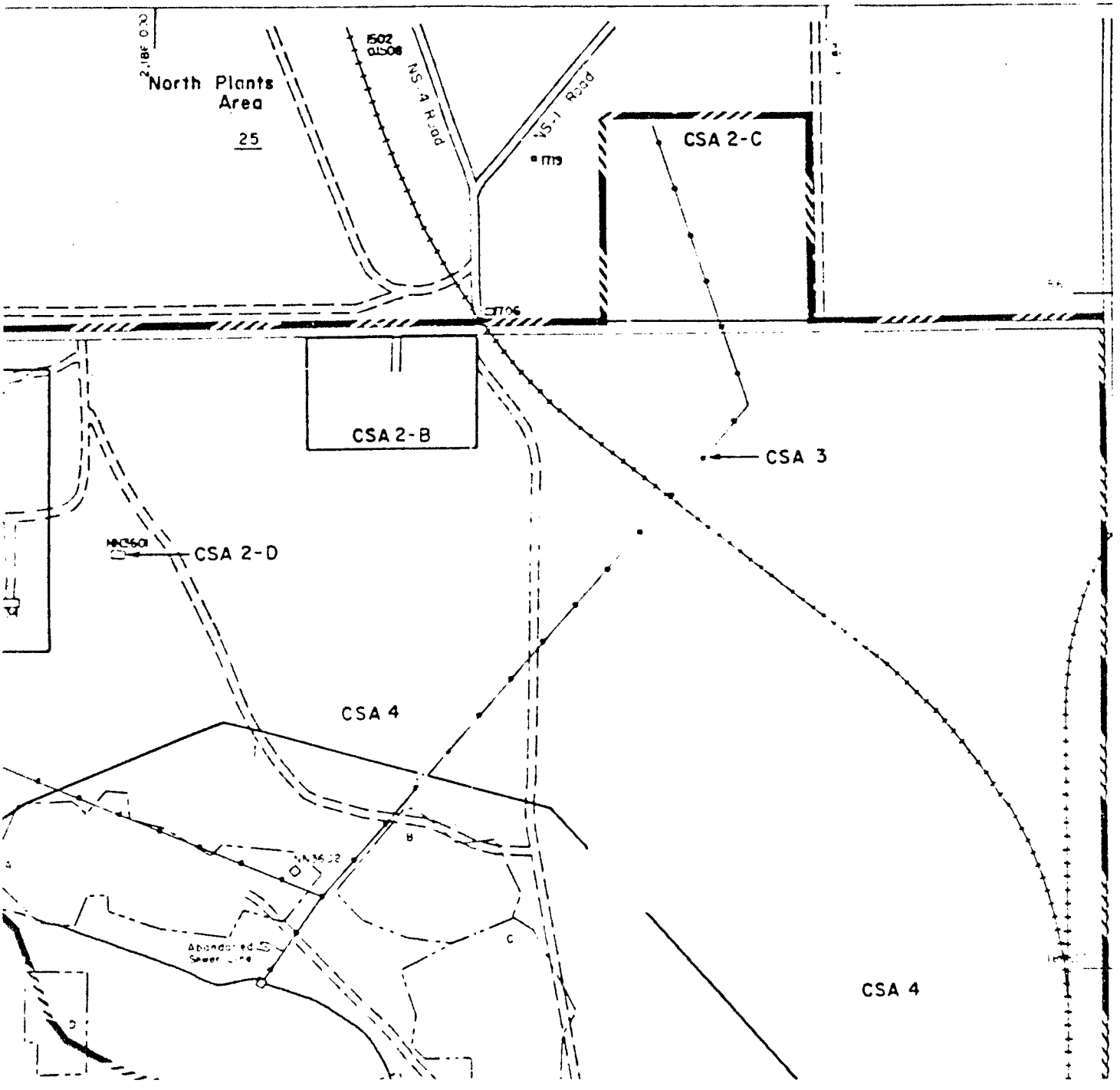
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

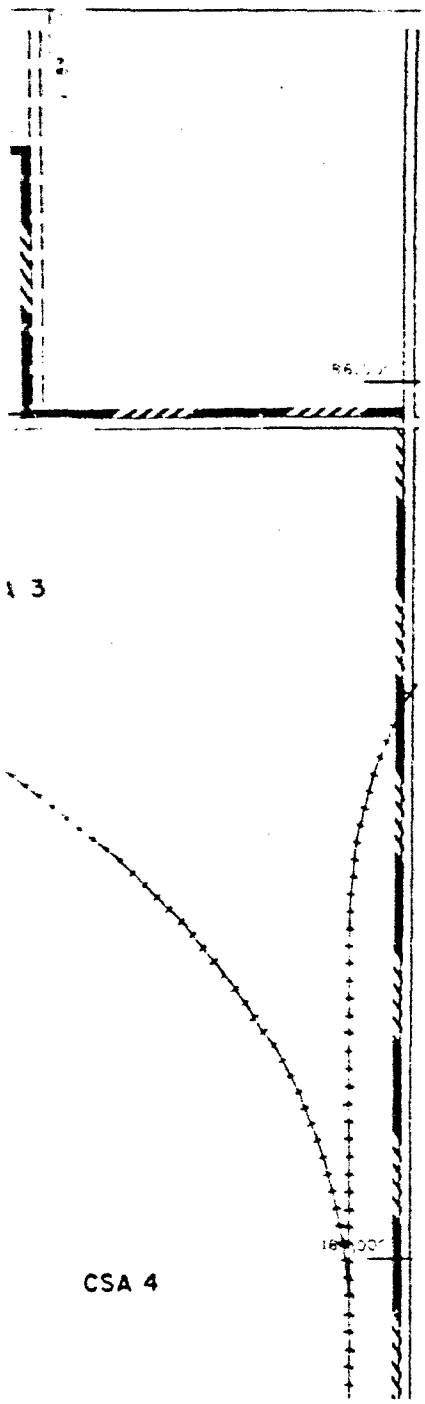
PLATE CSA 2.1-5

Volatile Halogenated Organic Compounds
in Soils in the > 20 ft. Interval

Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated


2,84,000
NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C
84,000


North Plants Area
25
NS-4 Road
NS-1 Road
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4

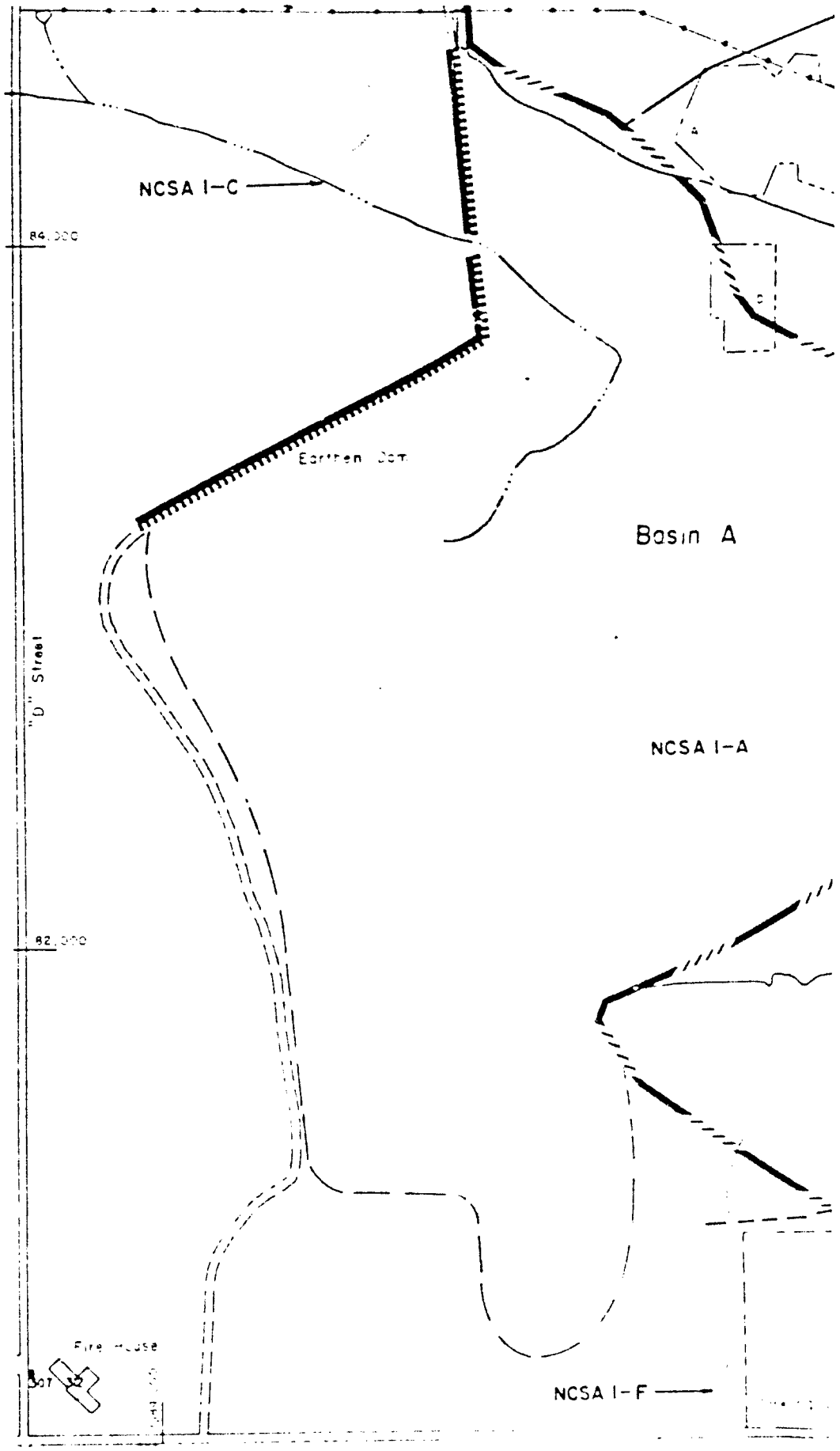


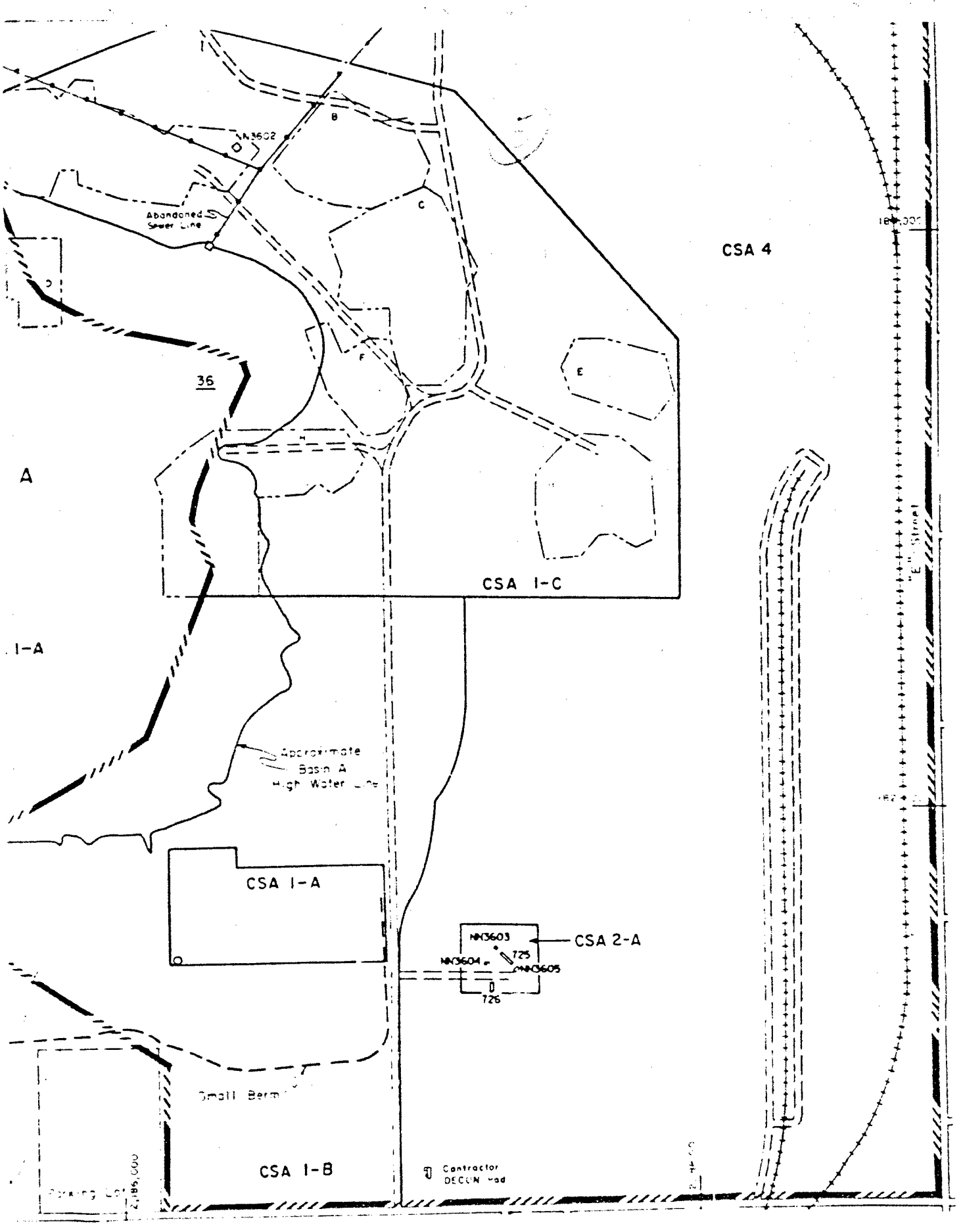
Legend

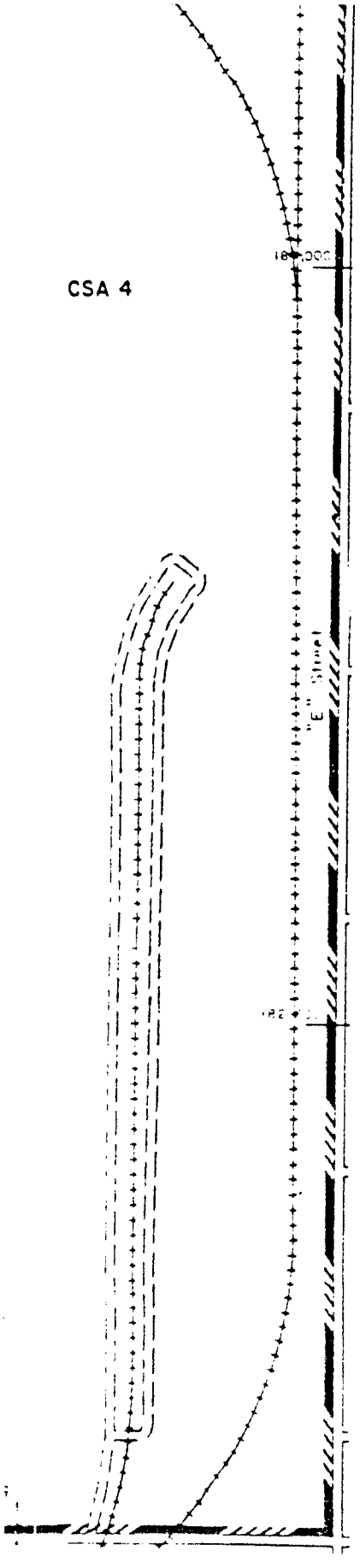
- Improved road
- Unimproved road
- Stream or ditch
- Shore line
- 9 — Section number
- 186.000 — State plane grid
- Structure
- Railroad tracks
- Former structure
- Central Study Area boundary
- Arsenal boundary
- CSA 1-C — Site boundary
- Sanitary sewer
- 8 — Geophysical anomoly
- Chemical sewer

ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

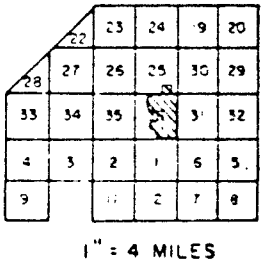
- o Below Certified Reporting Limit (BCRL)
- ● 0.15 - 1.0
- ● 1.0 - 10
- ● 10 - 100
- ● >100


NCSA I-C
84.000
Earthen Dam
Basin A
"D" Street
NCSA I-A
82.000
Fire House
NCSA I-F

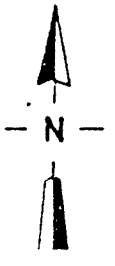

CSA 4
CSA 1-C
CSA 1-A
CSA 1-B
CSA 2-A
MW3602
MW3603
MW3604
MW3605
725
726
36
B
C
D
E
F
A
Abandoned Sewer Line
Approximate Basin A High Water Line
Small Berm
Contractor DECON Pad
Parking Lot
"E" Street

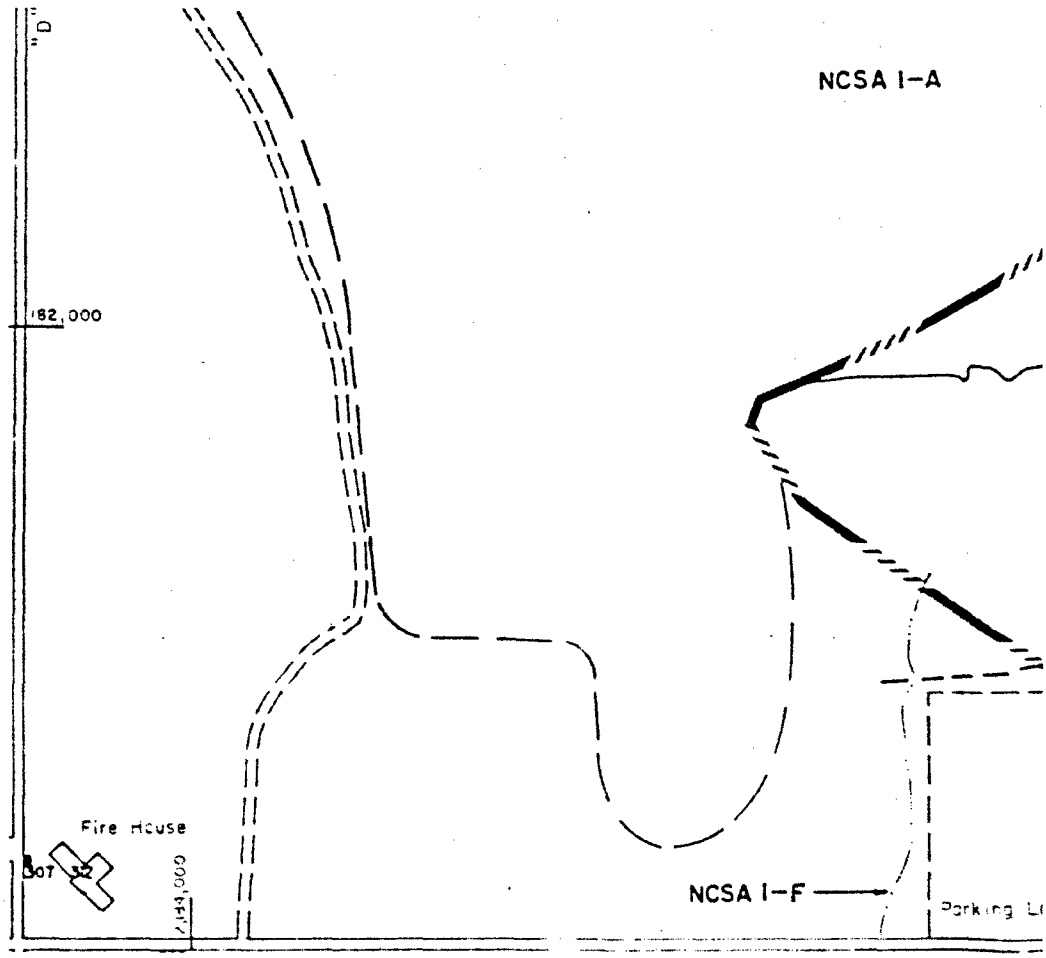


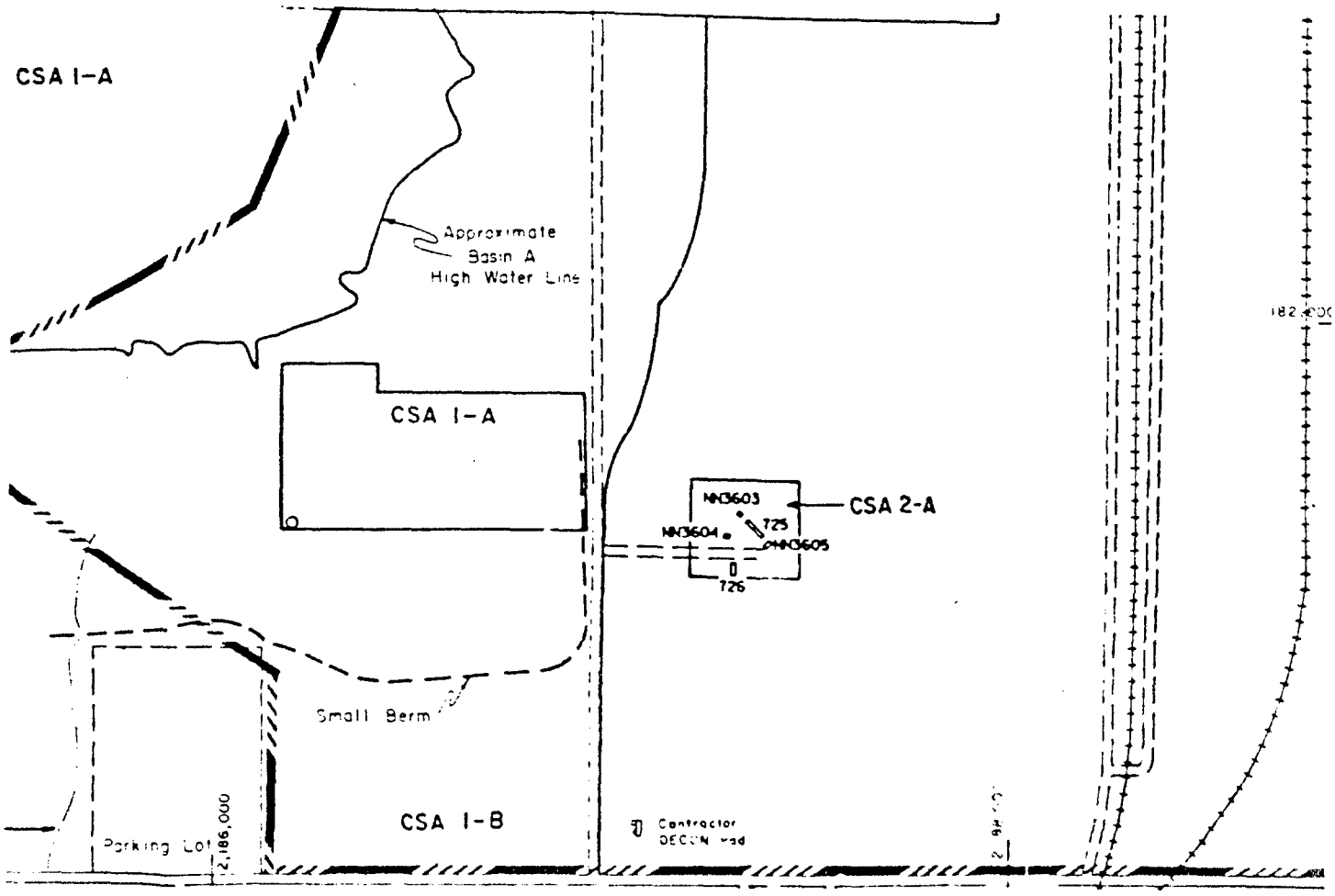
ROCKY MOUNTAIN ARSENAL
LOCATION

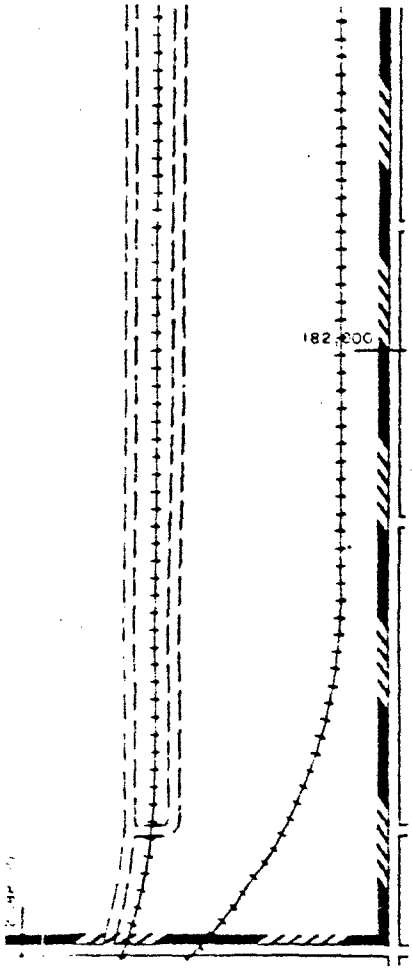


1" = 4 MILES

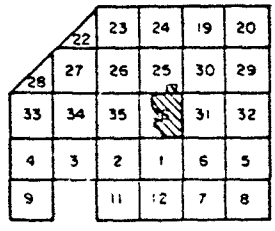



NCSA I-A
182,000
Fire House
NCSA I-F

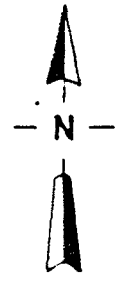

CSA 1-A
Approximate
Basin A
High Water Line
CSA 1-A
MW3603
CSA 2-A
MW3604
725
MW3605
726
Small Berm
Parking Lot
2,186,000
CSA 1-B
Contractor

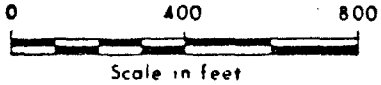


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





Scale in feet

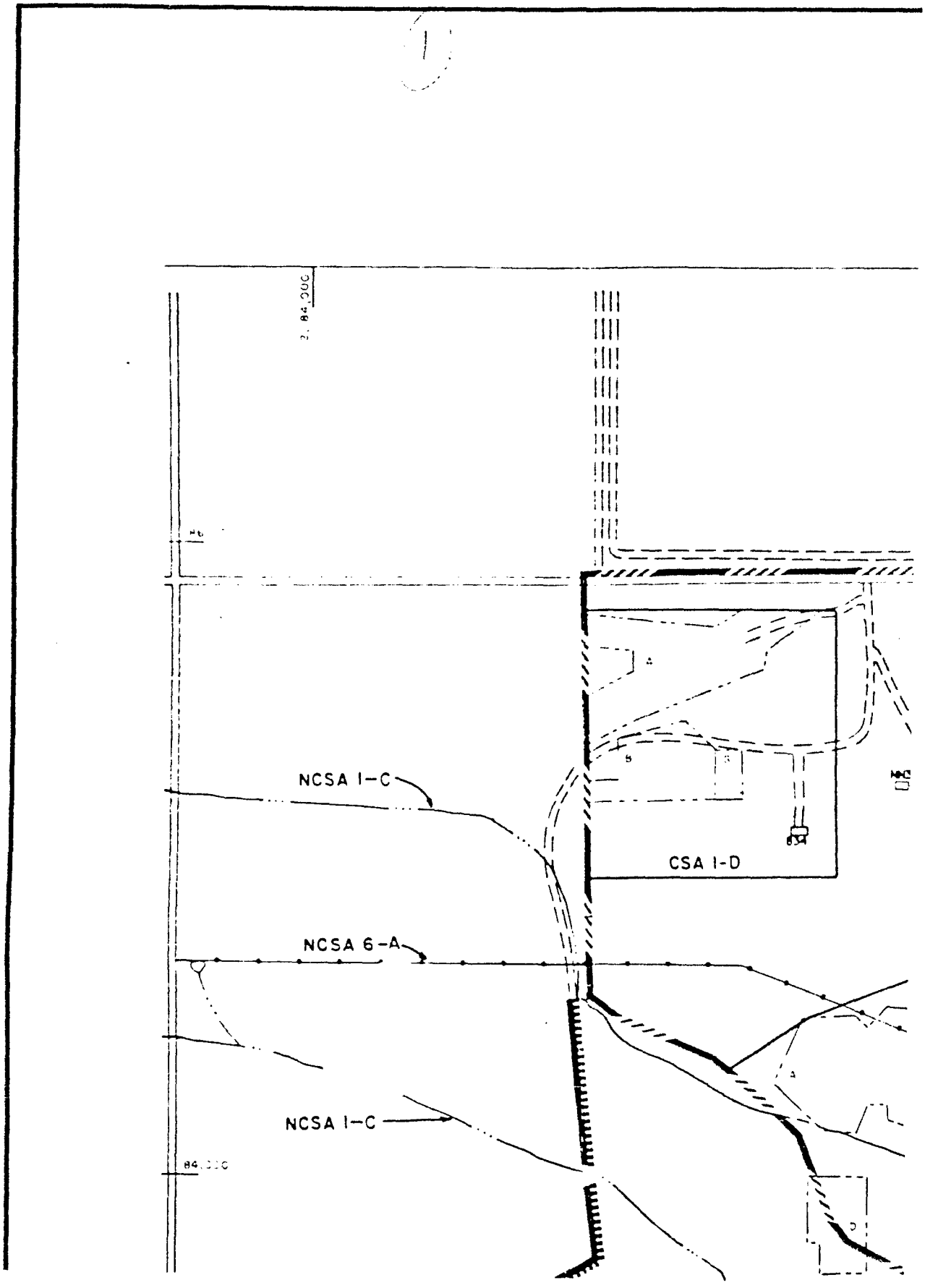
Prepared for:

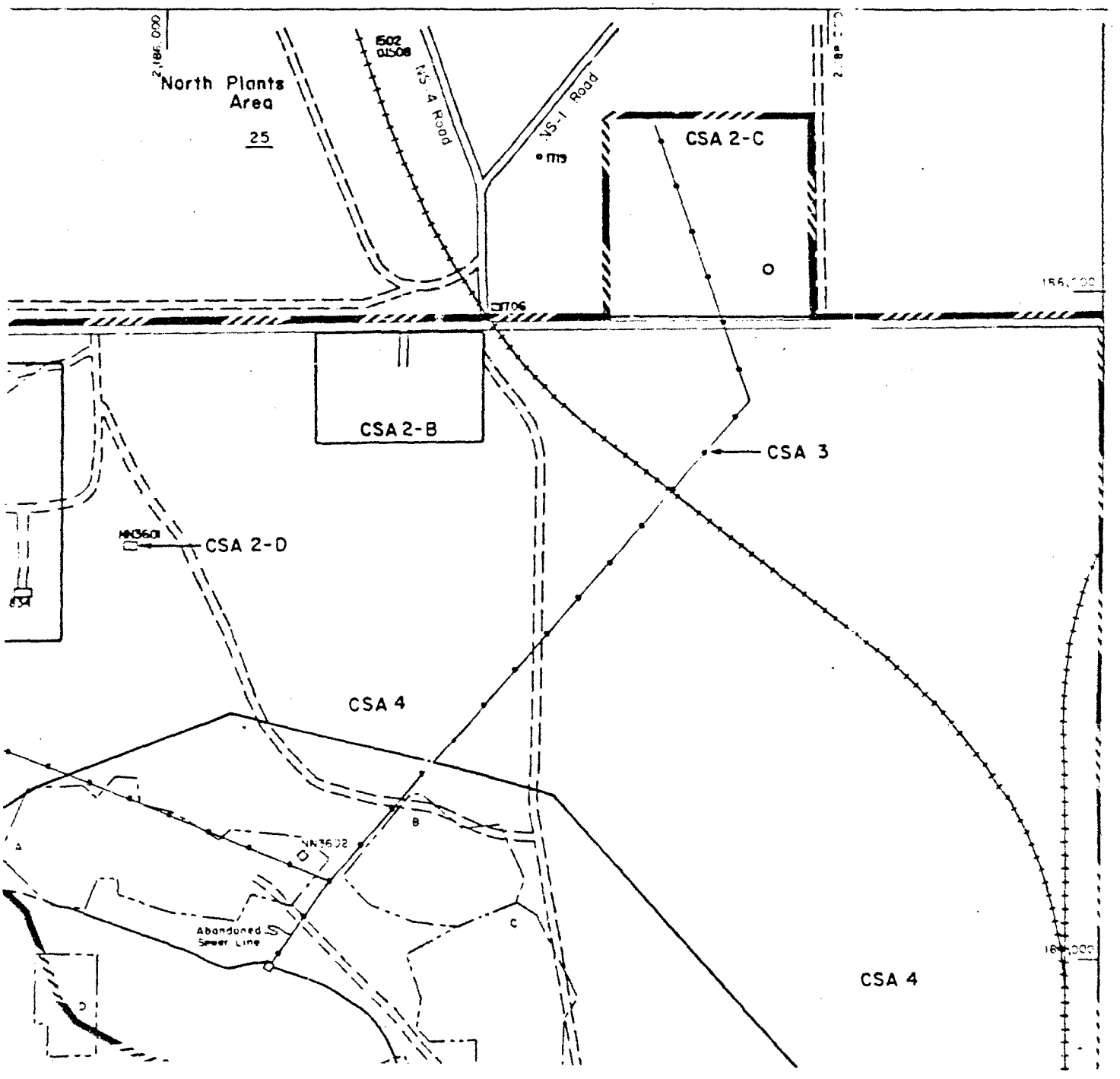
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

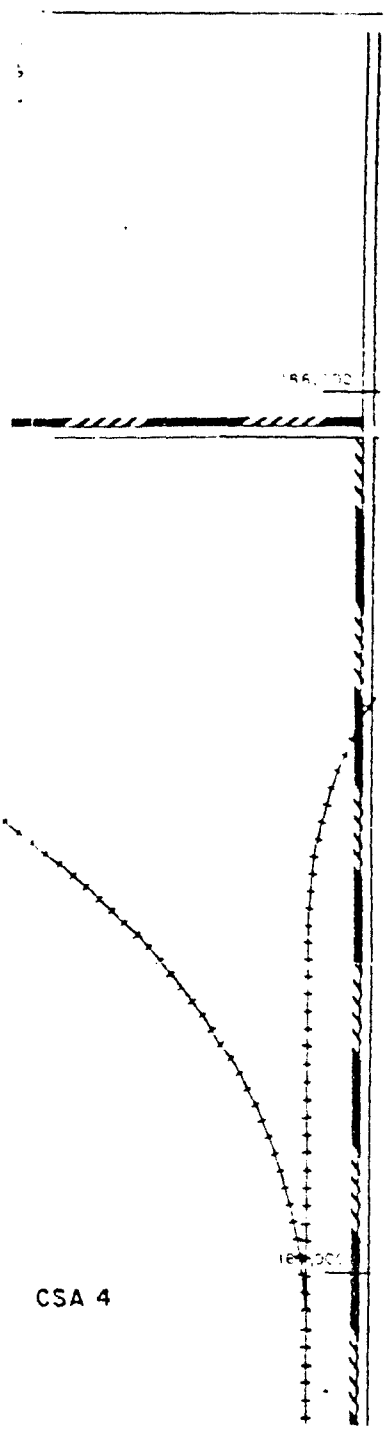
PLATE CSA 2.1-6

Methylene Chloride
in Soils in the 0-2 ft. Interval

Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated


NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C


North Plants Area
25
NS-4 Road
NS-1 Road
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4
Abandoned Sewer Line
A
B
C
D

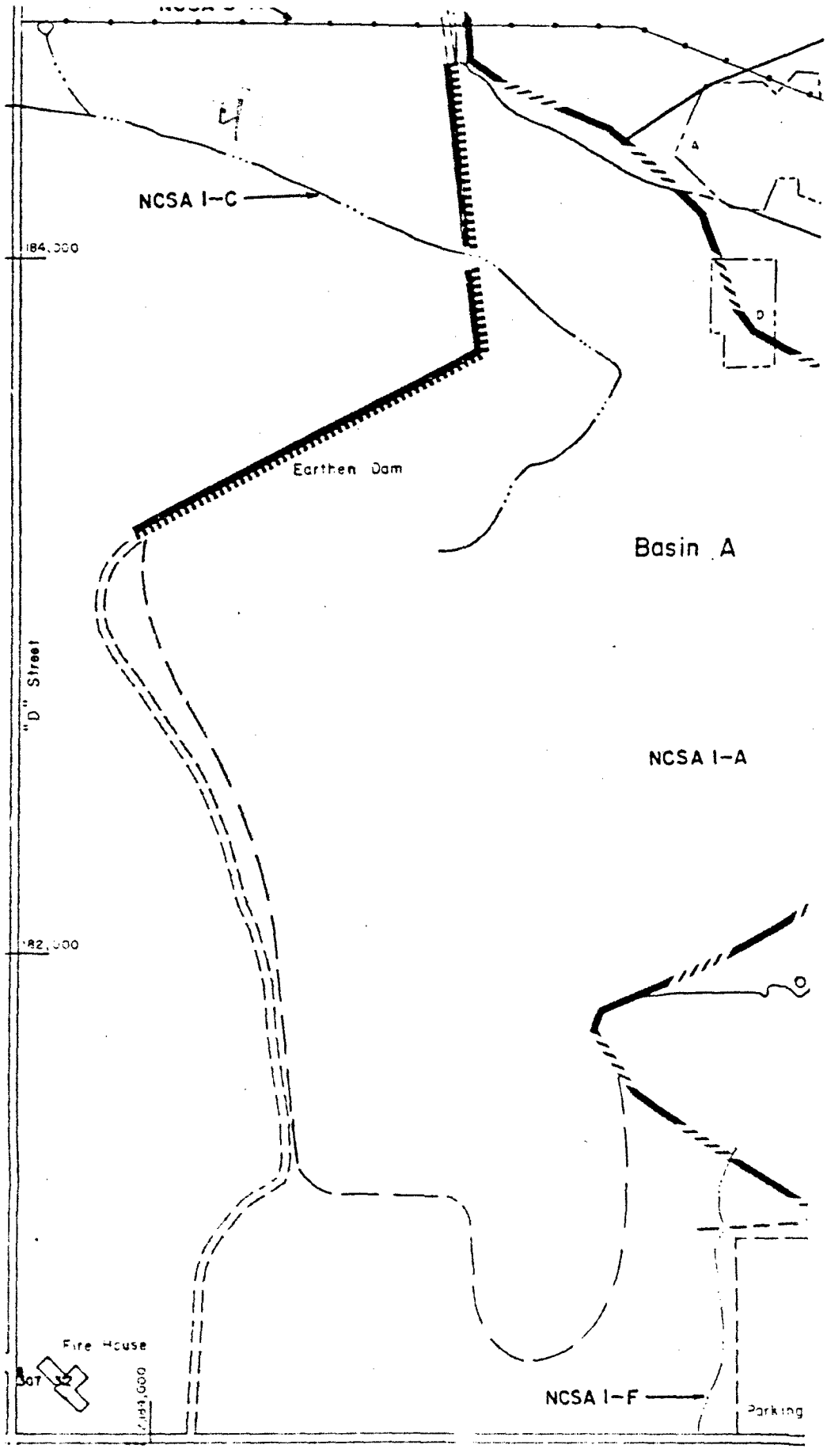


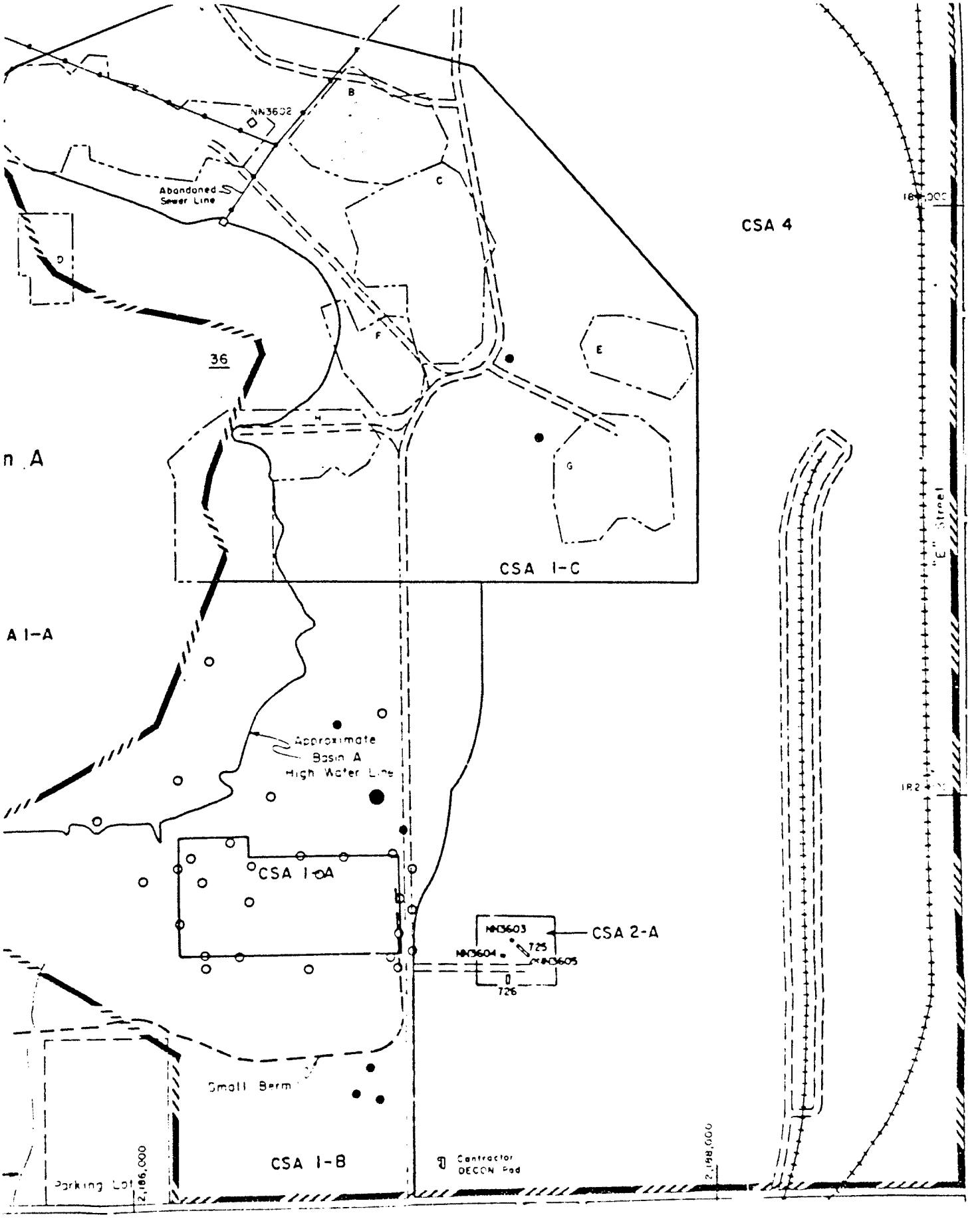
Legend

- Improved road
- Unimproved road
- Stream or ditch
- Shore line
- 9 Section number
- 186,000 State plane grid
- Structure
- Railroad tracks
- Former structure
- Central Study Area boundary
- Arsenal boundary
- CSA 1-C Site boundary
- Sanitary sewer
- 8 Geophysical anomaly
- Chemical sewer

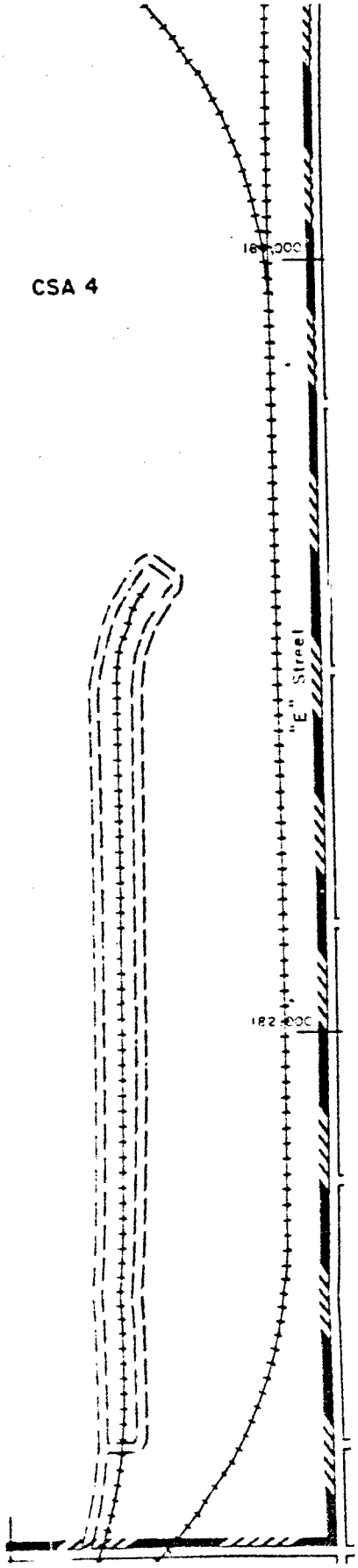
ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

- o Below Certified Reporting Limit (BCRL)
- ● 0.15 - 1.0
- ● 1.0 - 10
- ● 10 - 100
- ● >100

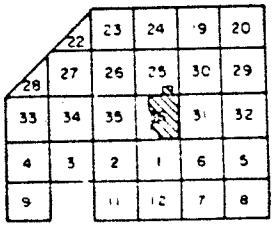

NCSA I-C
184,000
Earthen Dam
Basin A
"D" Street
NCSA I-A
182,000
Fire House
NCSA I-F
Parking


NN3602
B
C
Abandoned Sewer Line
D
36
F
E
G
CSA 4
CSA 1-C
n A
A 1-A
Approximate Basin A High Water Line
CSA 1-A
NN3603
CSA 2-A
NN3604
725
NN3605
726
Small Berm
CSA 1-B
Contractor DECON Pad
Parking Lot
2,186,000
2,188,000
"E" Street

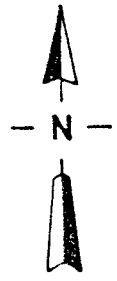
CSA 4

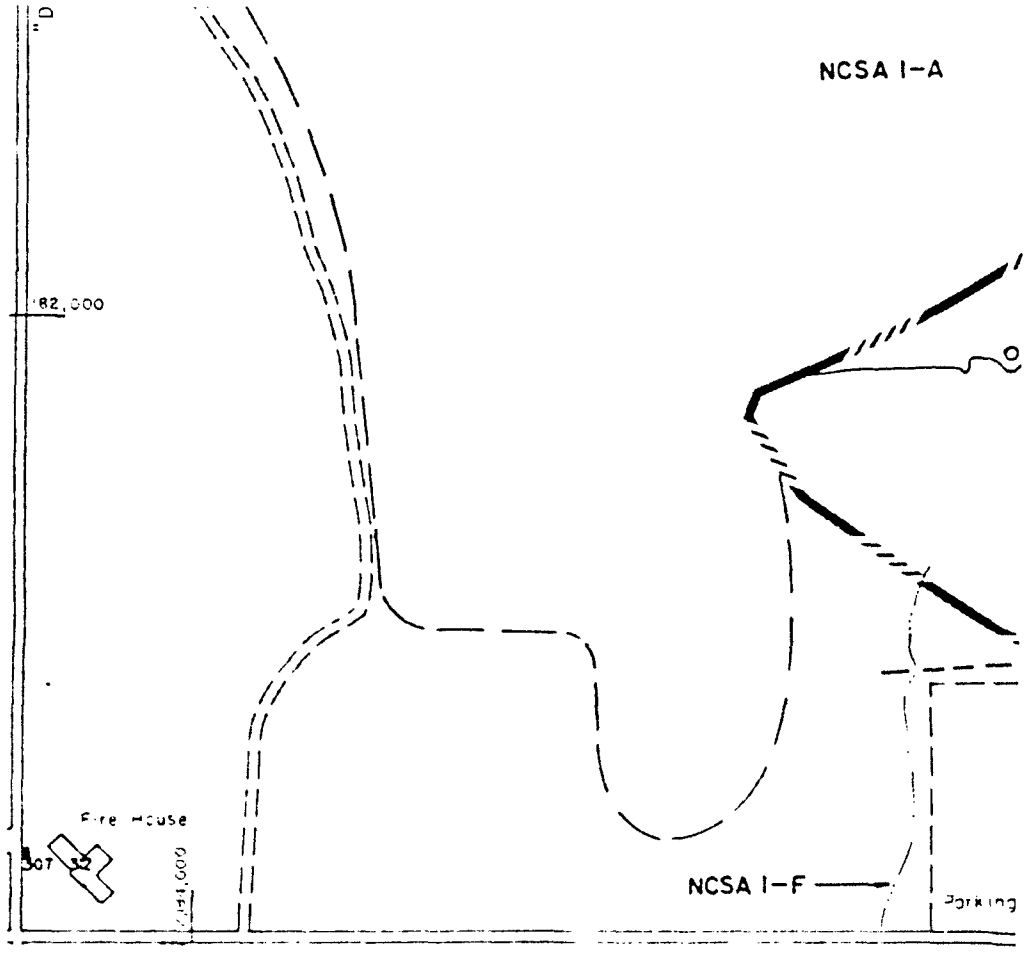


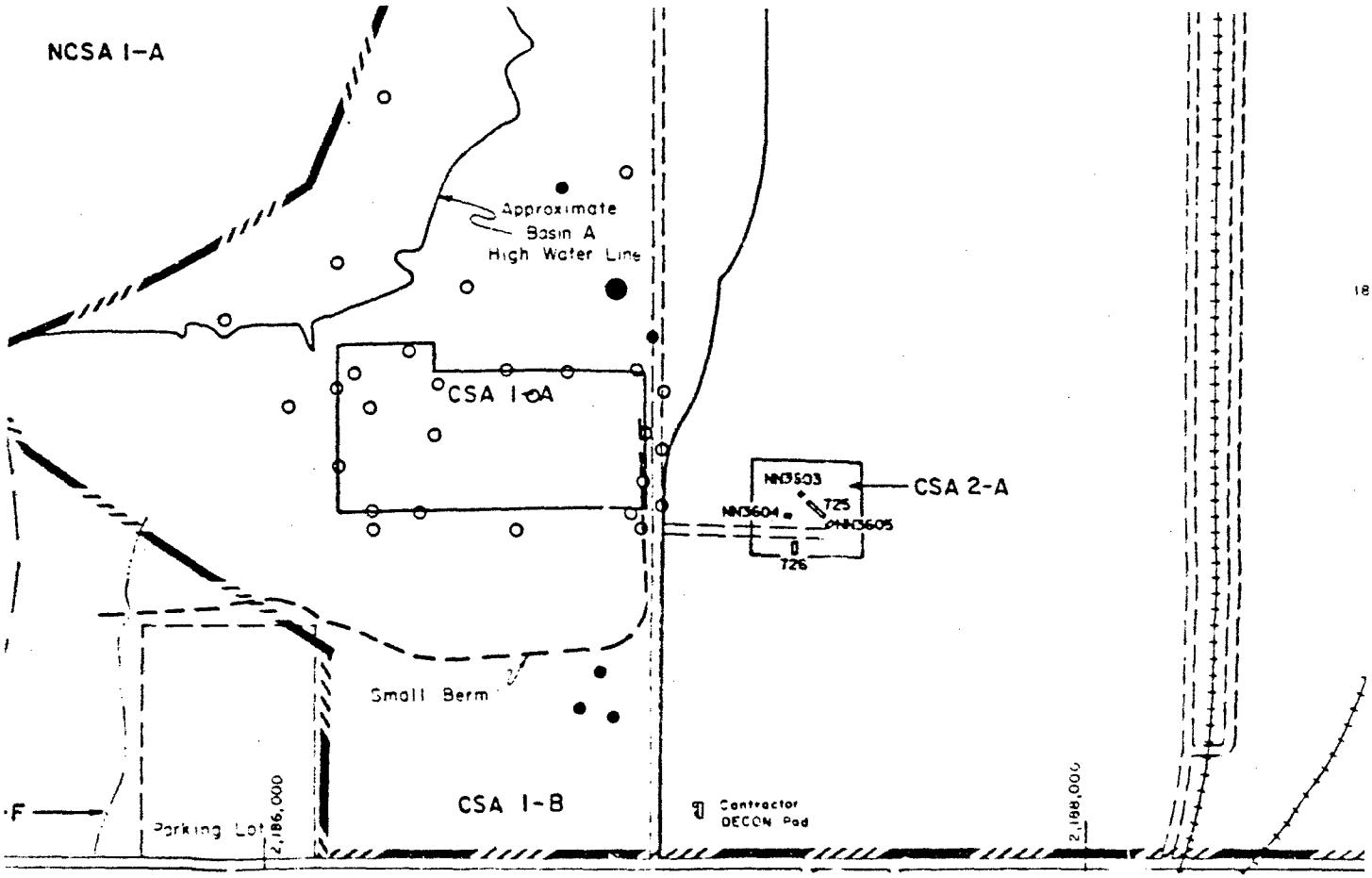
ROCKY MOUNTAIN ARSENAL
LOCATION

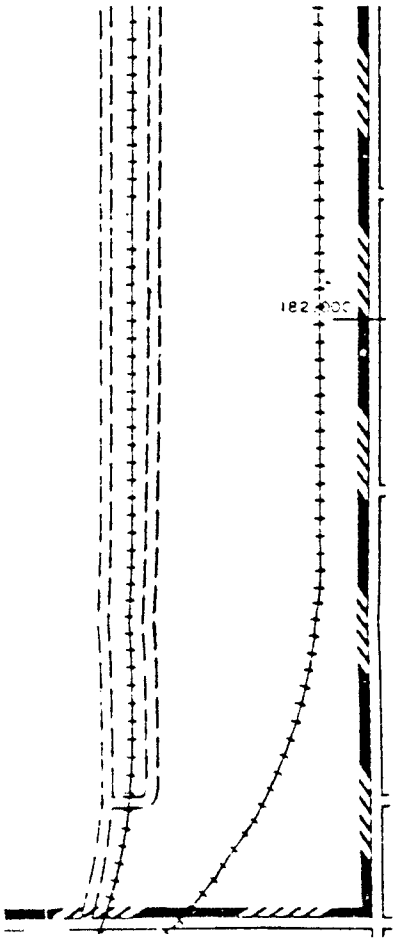


1" = 4 MILES

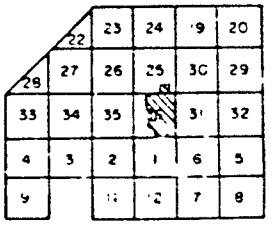



NCSA I-A
182,000
Fire House
307
32
NCSA I-F
Parking

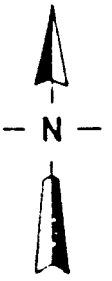

NCSA 1-A
Approximate
Basin A
High Water Line
CSA 1-A
MW3603
725
MW3604
MW3605
726
CSA 2-A
Small Berm
CSA 1-B
Contractor
DECON Pad
Parking Lot
2,186,000
2,188,000
F

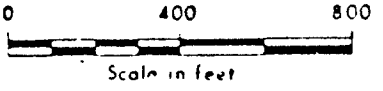


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





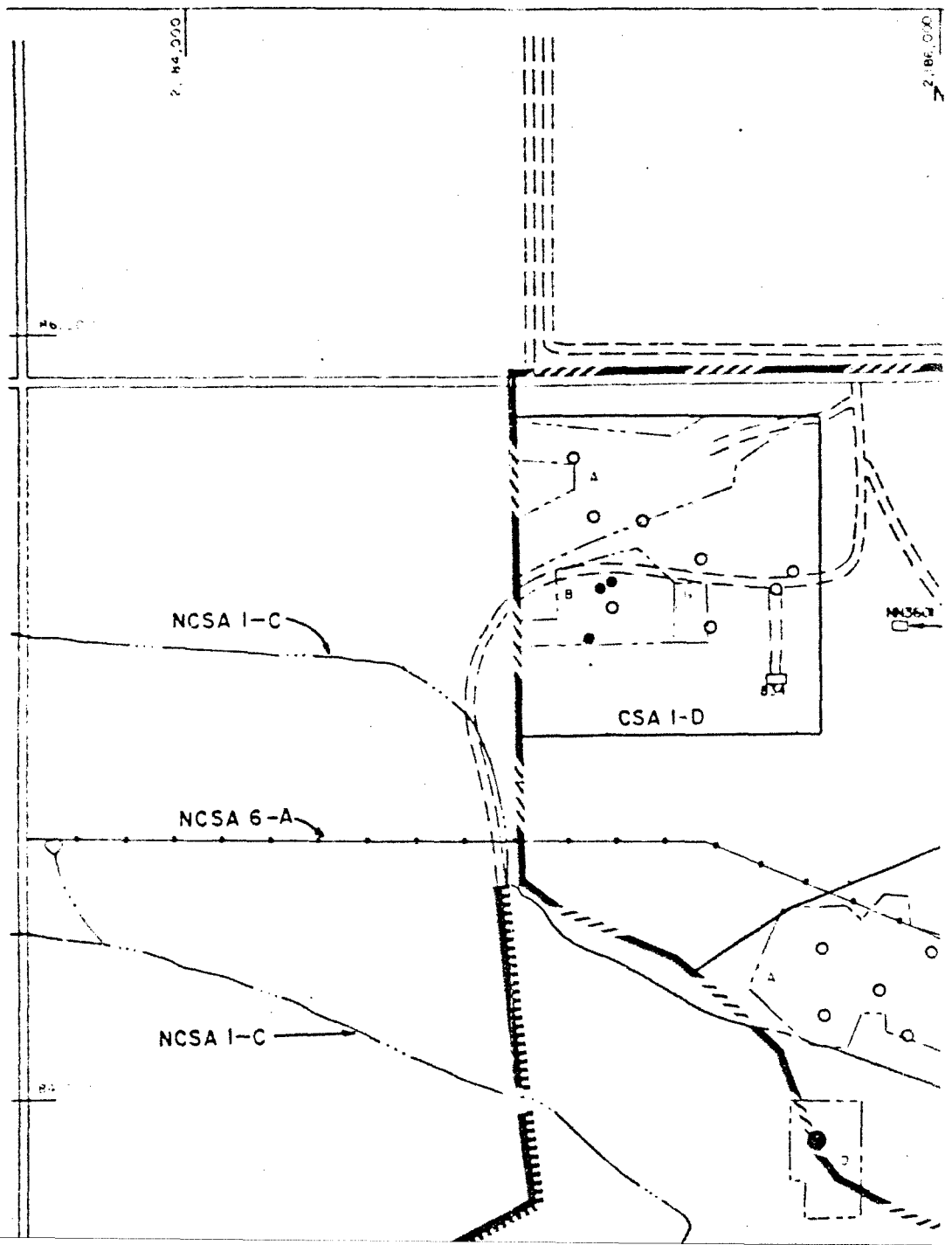
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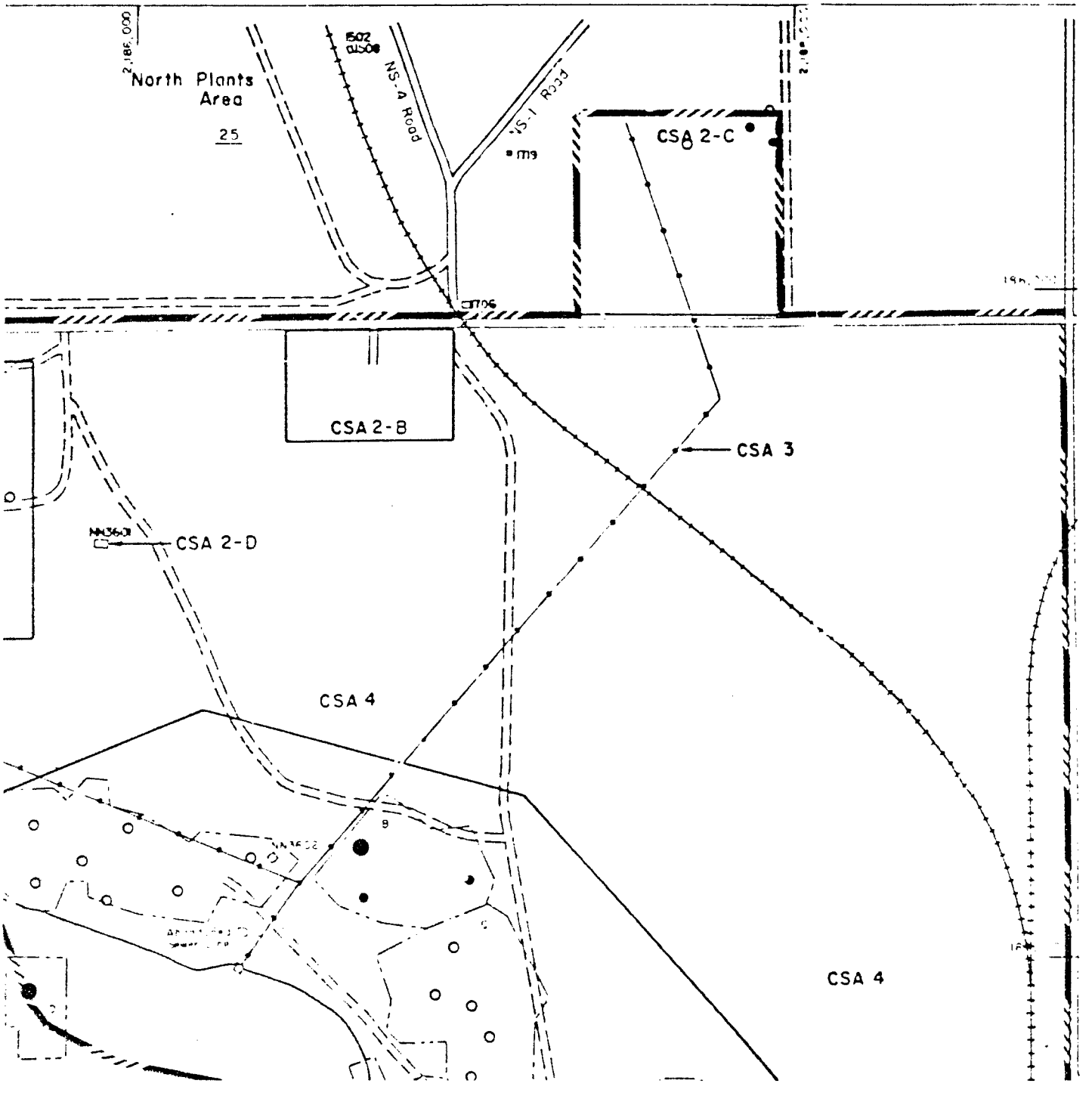
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

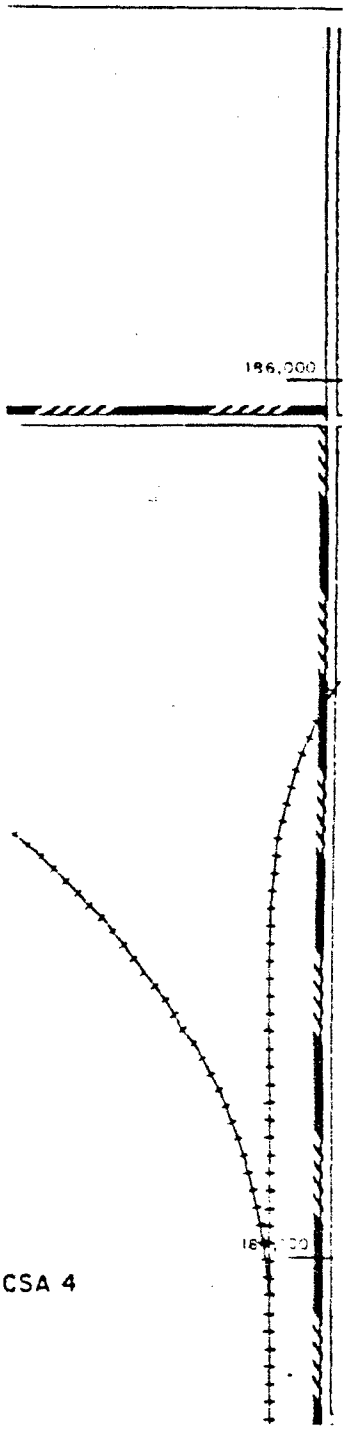
PLATE CSA 2.1-7

Methylene Chloride
in Soils in the 2-5 ft. Interval

Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated


NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C


North Plants Area
25
NS-A Road
US-1 Road
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4

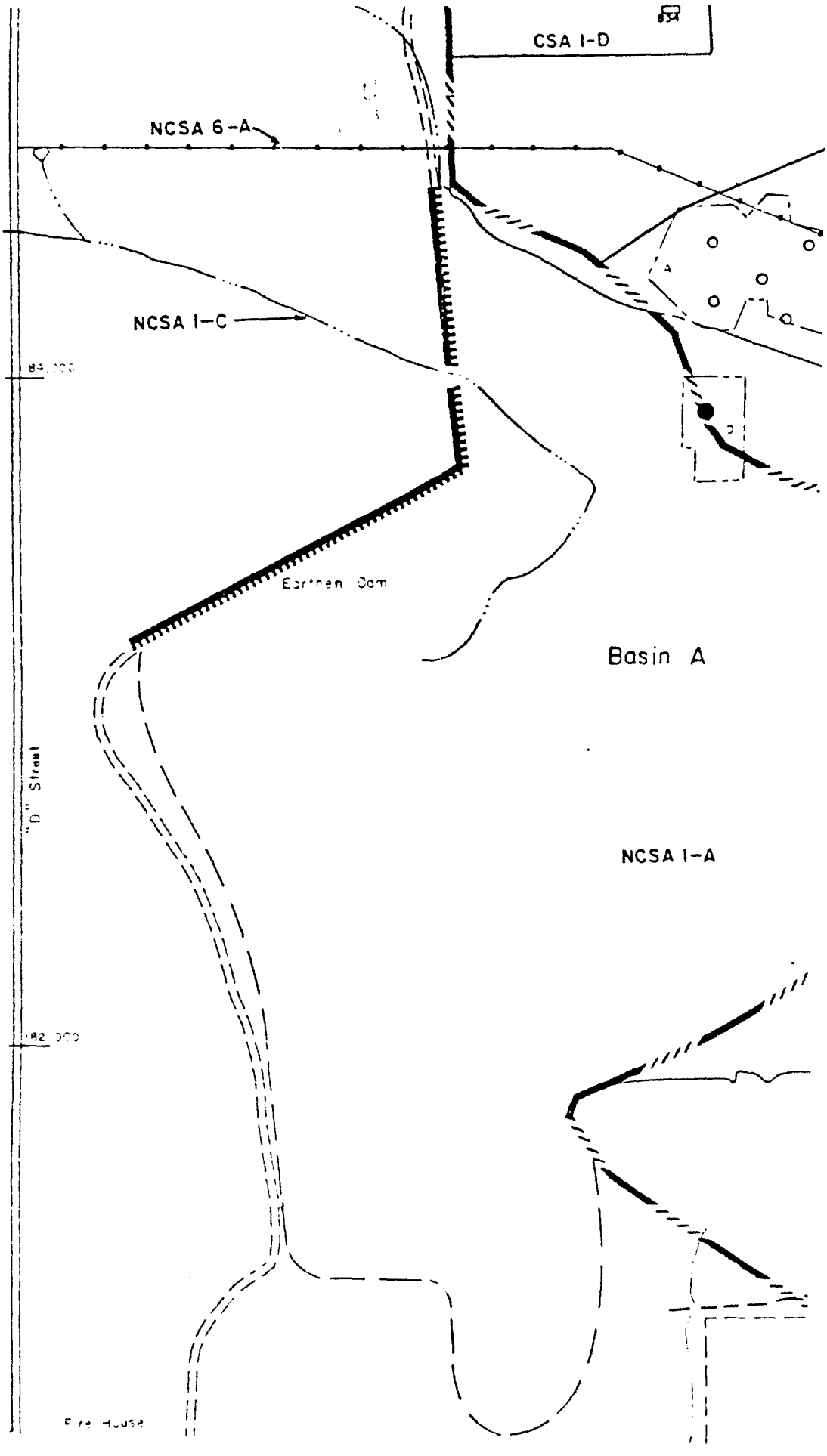


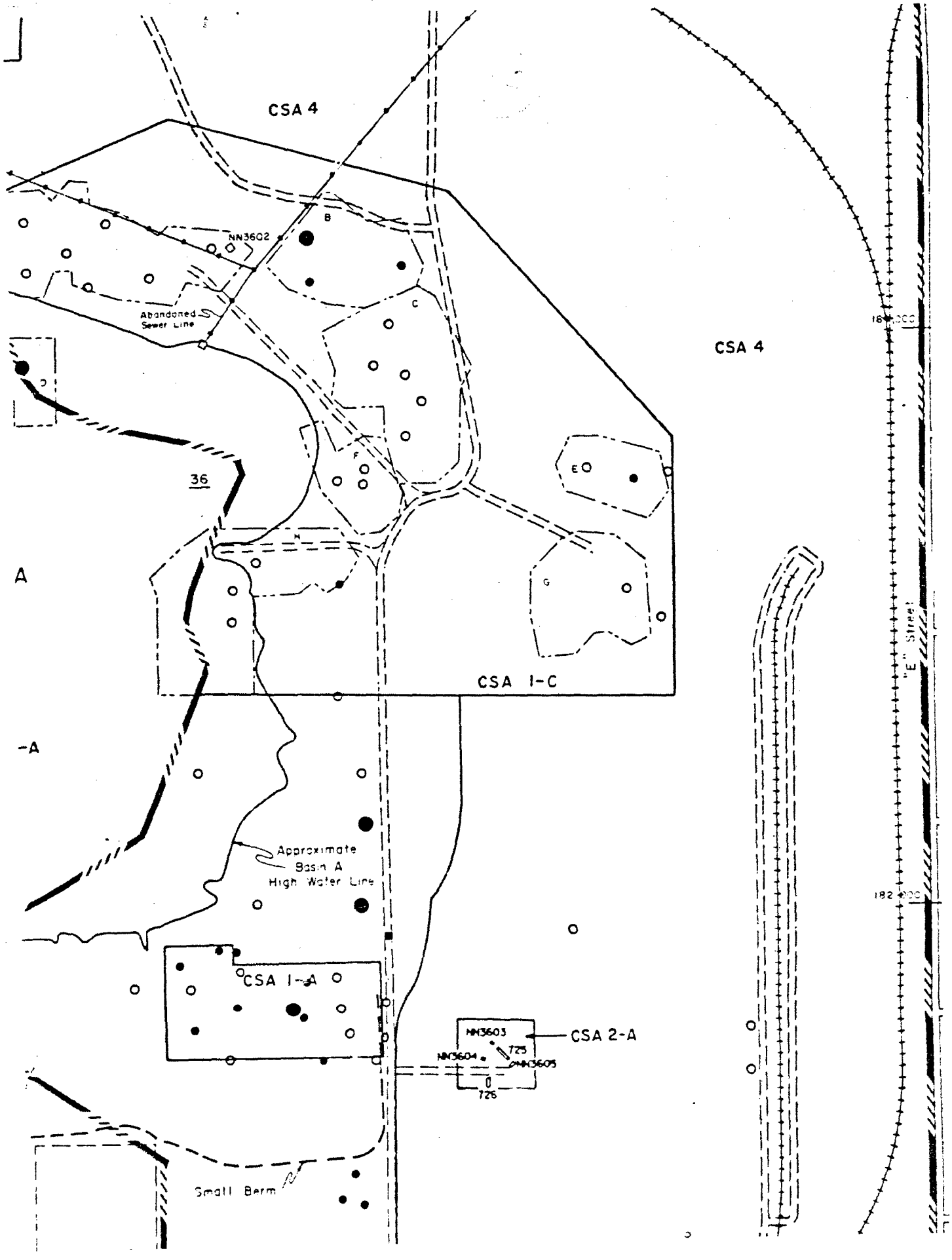
Legend

- Improved road
- Unimproved road
- Stream or ditch
- Shore line
- 9 Section number
- 186,000 State plane grid
- Structure
- Railroad tracks
- Former structure
- Central Study Area boundary
- Arsenal boundary
- CSA 1-C Site boundary
- Sanitary sewer
- B Geophysical anomoly
- Chemical sewer

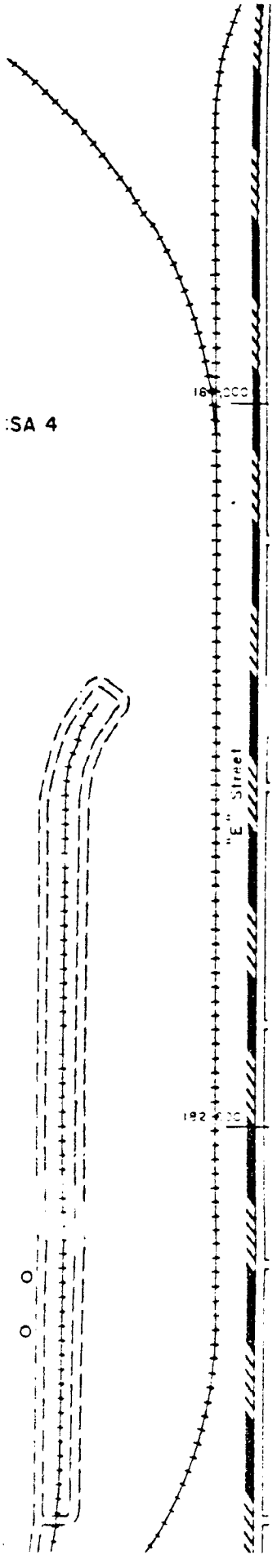
ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

- o Below Certified Reporting Limit (BCRL)
- 0.15 - 1.0
- 1.0 - 10
- 10 - 100
- >100

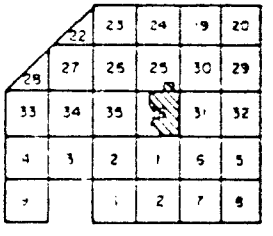

CSA I-D
NCSA 6-A
NCSA I-C
Earthen Dam
Basin A
"D" Street
NCSA I-A


CSA 4
NN3602
B
C
Abandoned Sewer Line
D
36
F
E
M
A
G
CSA 1-C
-A
Approximate Basin A High Water Line
CSA 1-A
NN3603
CSA 2-A
NN3604
725
NN3605
726
Small Berm
CSA 4
"E" Street

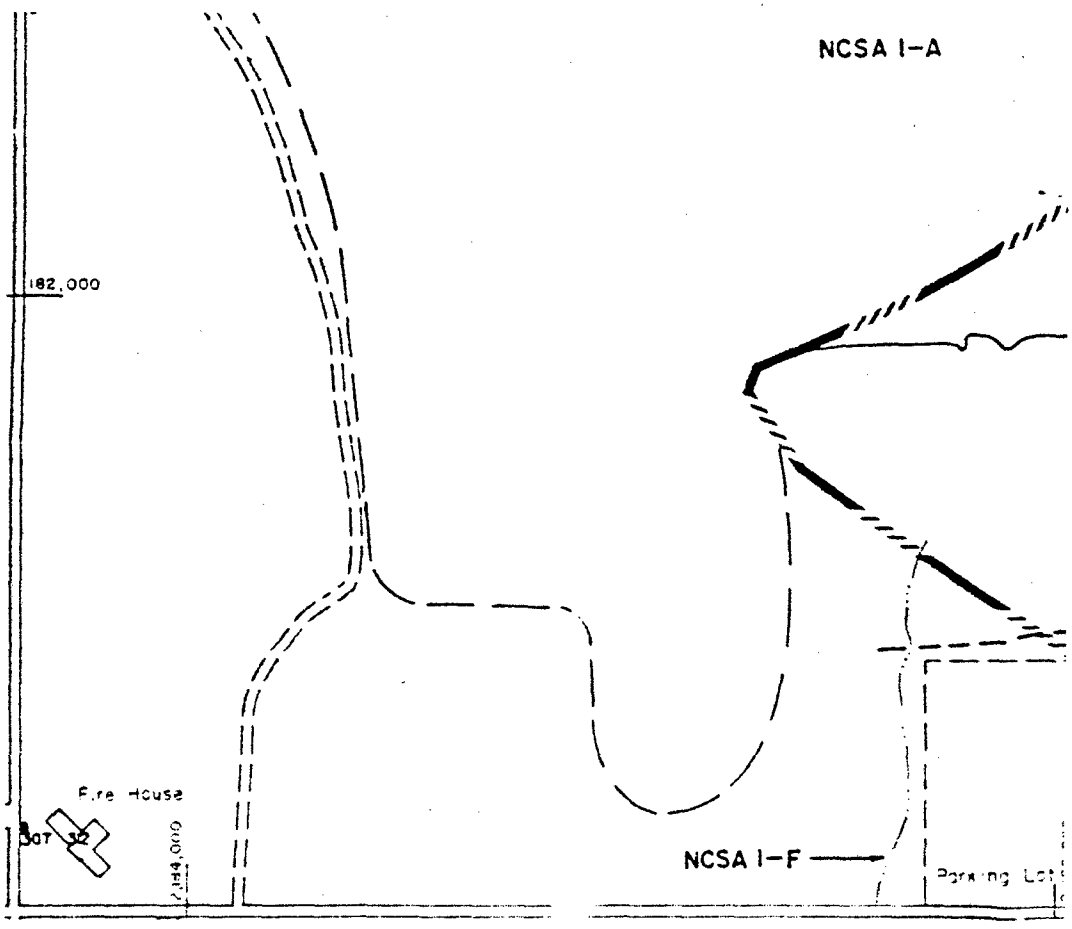
:SA 4

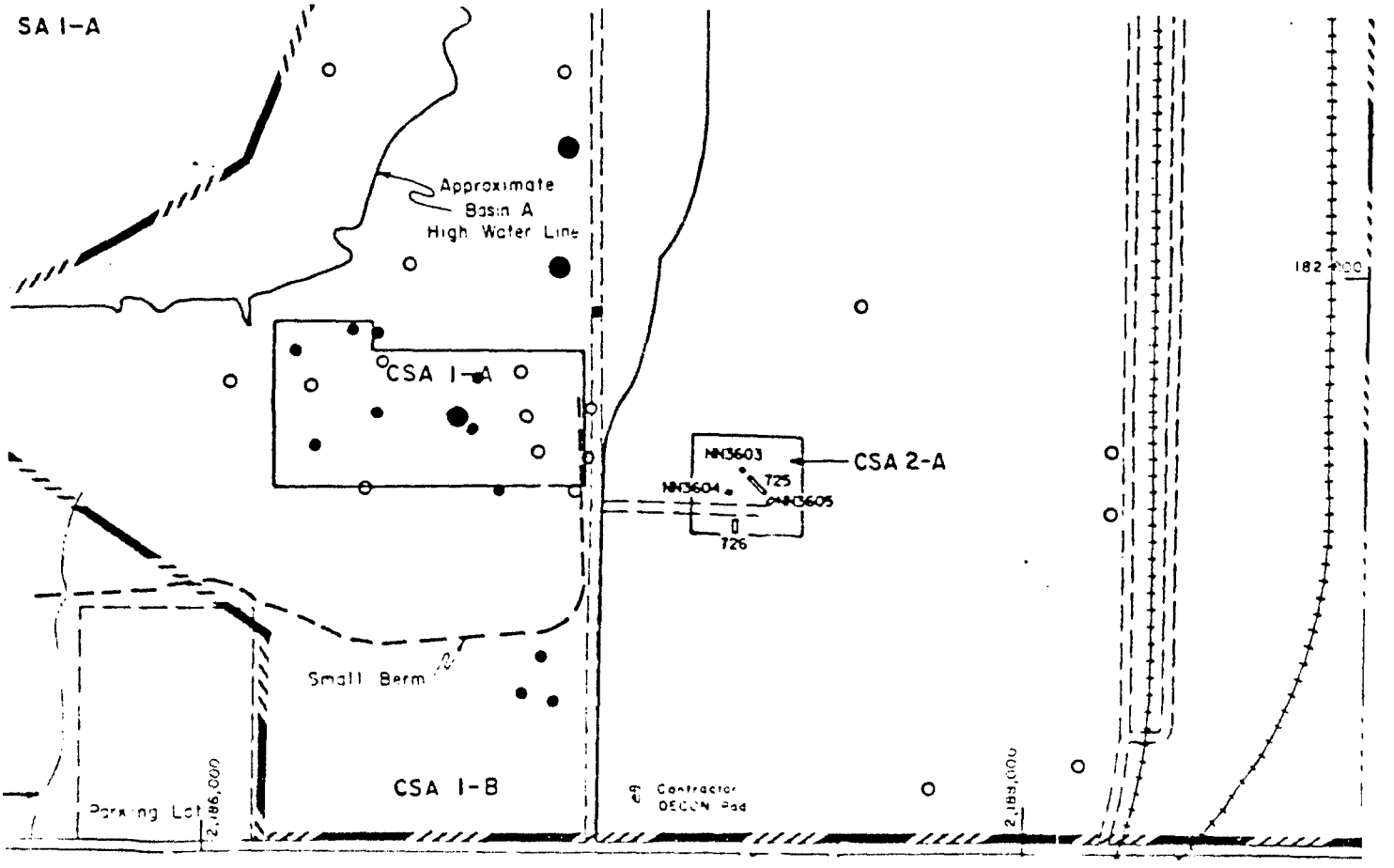


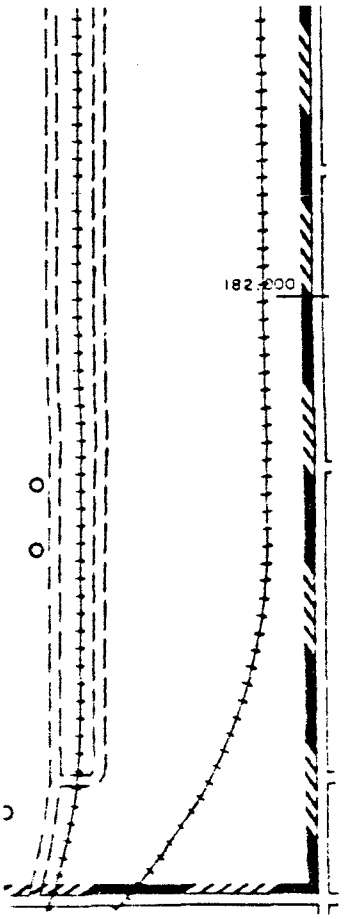
ROCKY MOUNTAIN ARSENAL
LOCATION



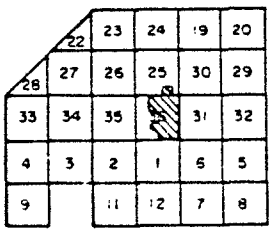
1" = 4 MILES


NCSA I-A
182,000
Fire House
30T 32
7,134,000
NCSA I-F
Parking Lot


SA 1-A
Approximate
Basin A
High Water Line
CSA 1-A
NN3603
CSA 2-A
725
NN3604
NN3605
726
Small Berm
CSA 1-B
Parking Lot
2,186,000
2,185,000
182,000

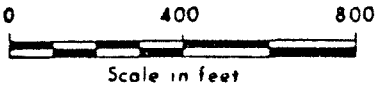


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





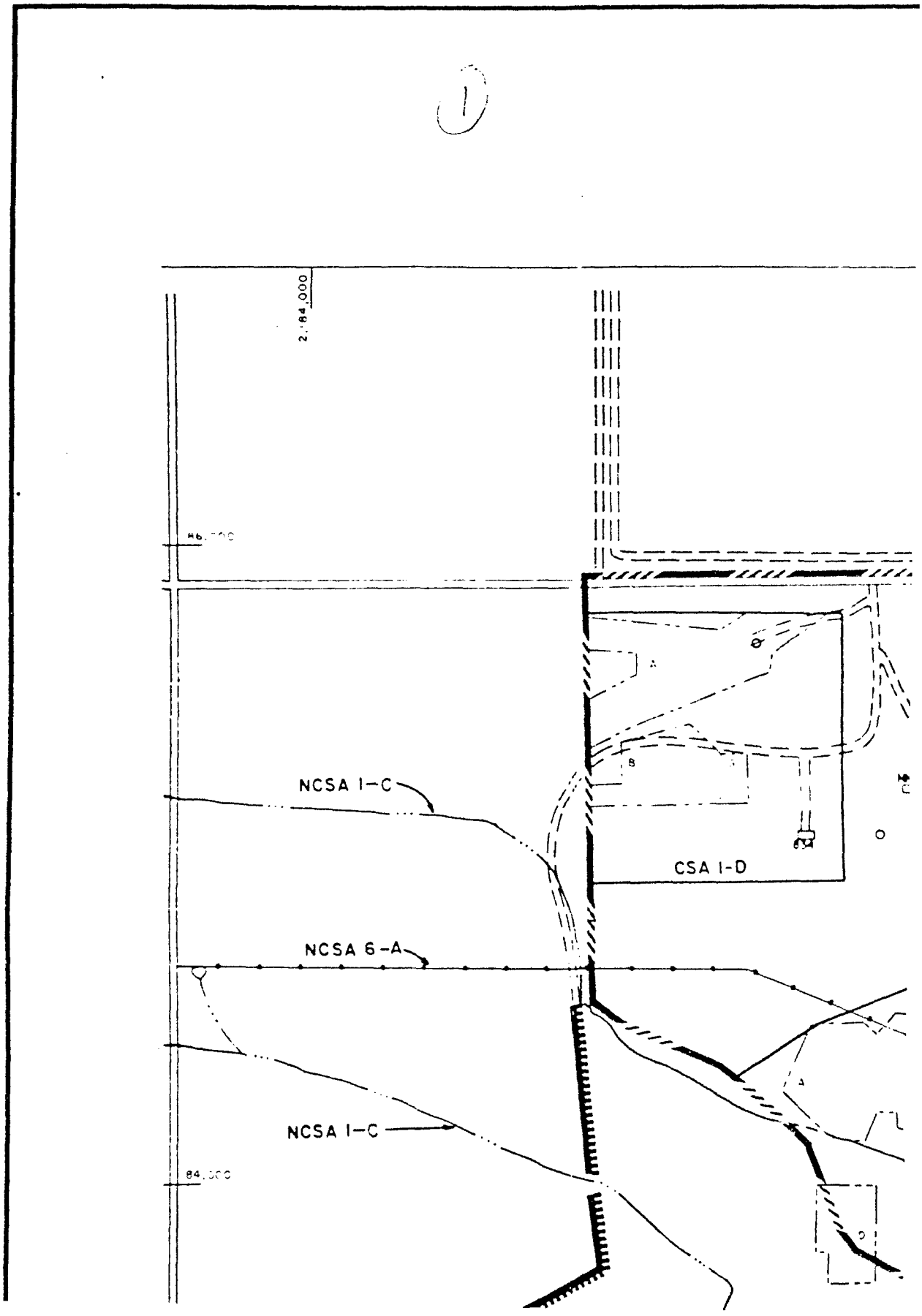
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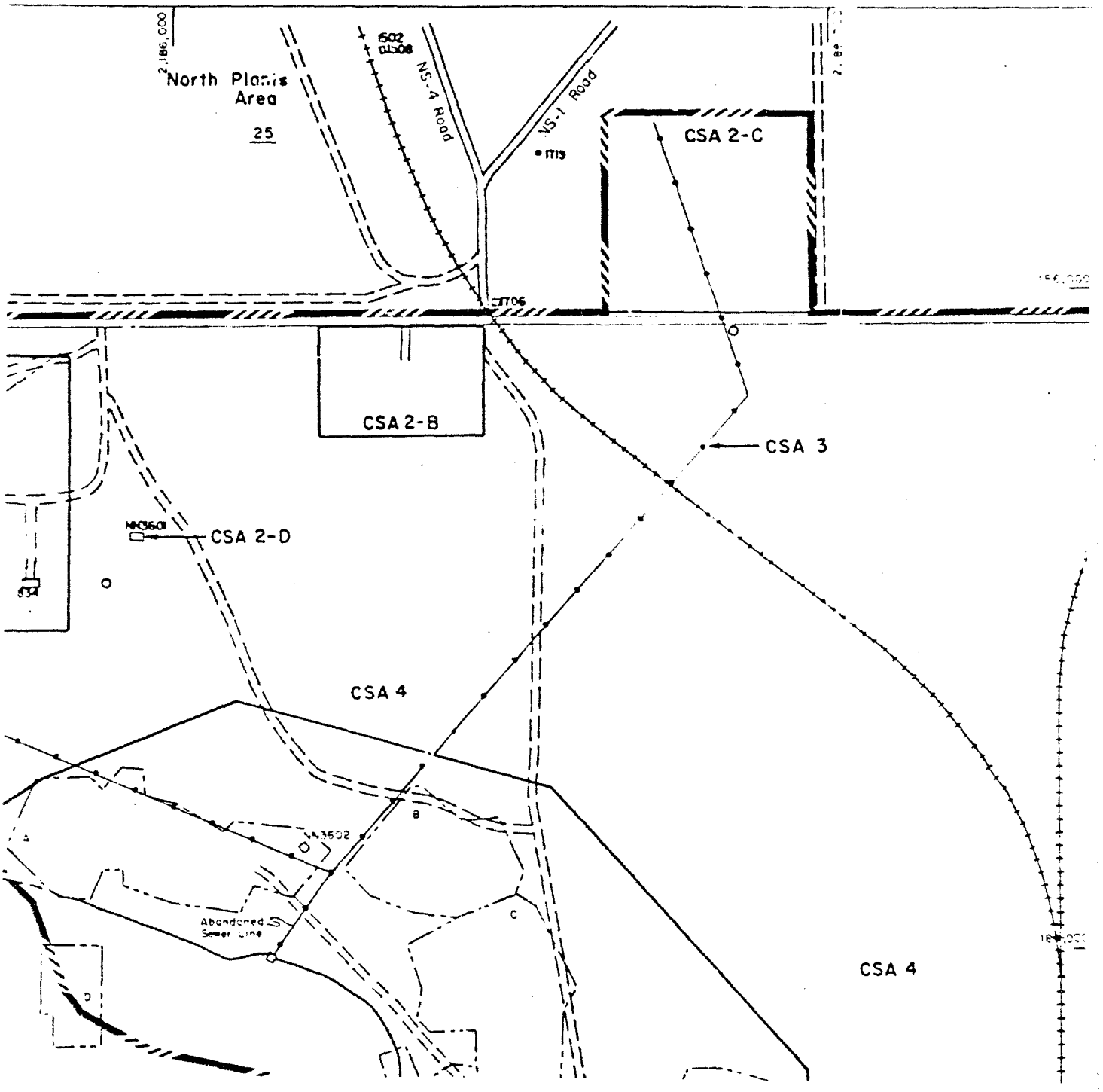
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

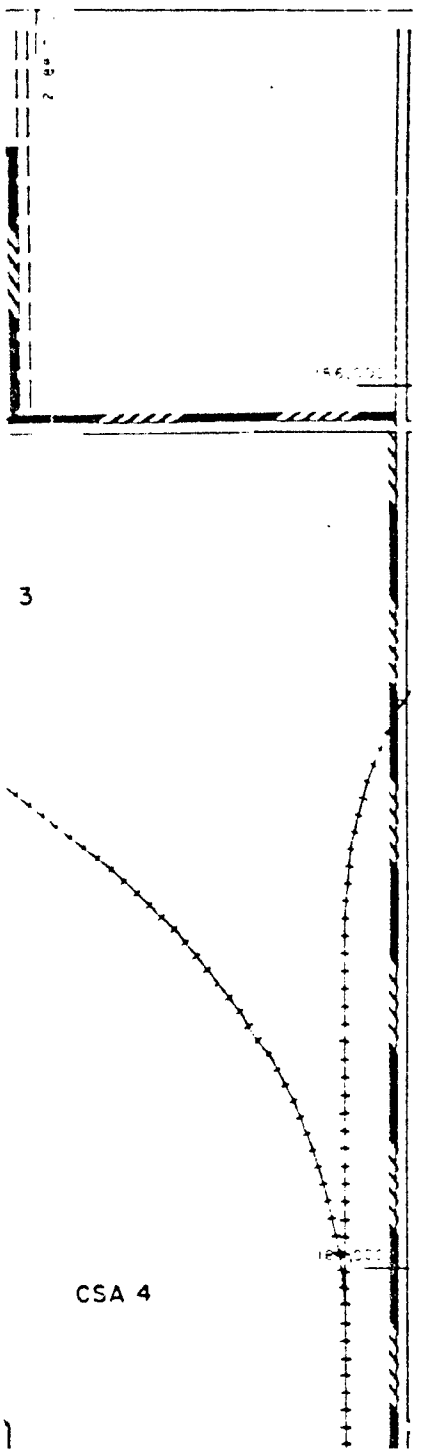
PLATE CSA 2.1-8

Methylene Chloride
in Soils in the 5-20 ft. Interval

Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated


2,184,000
NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C


2,186,000
North Plants Area
25
NS-4 Road
NS-1 Road
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
Abandoned Sewer Line
CSA 4

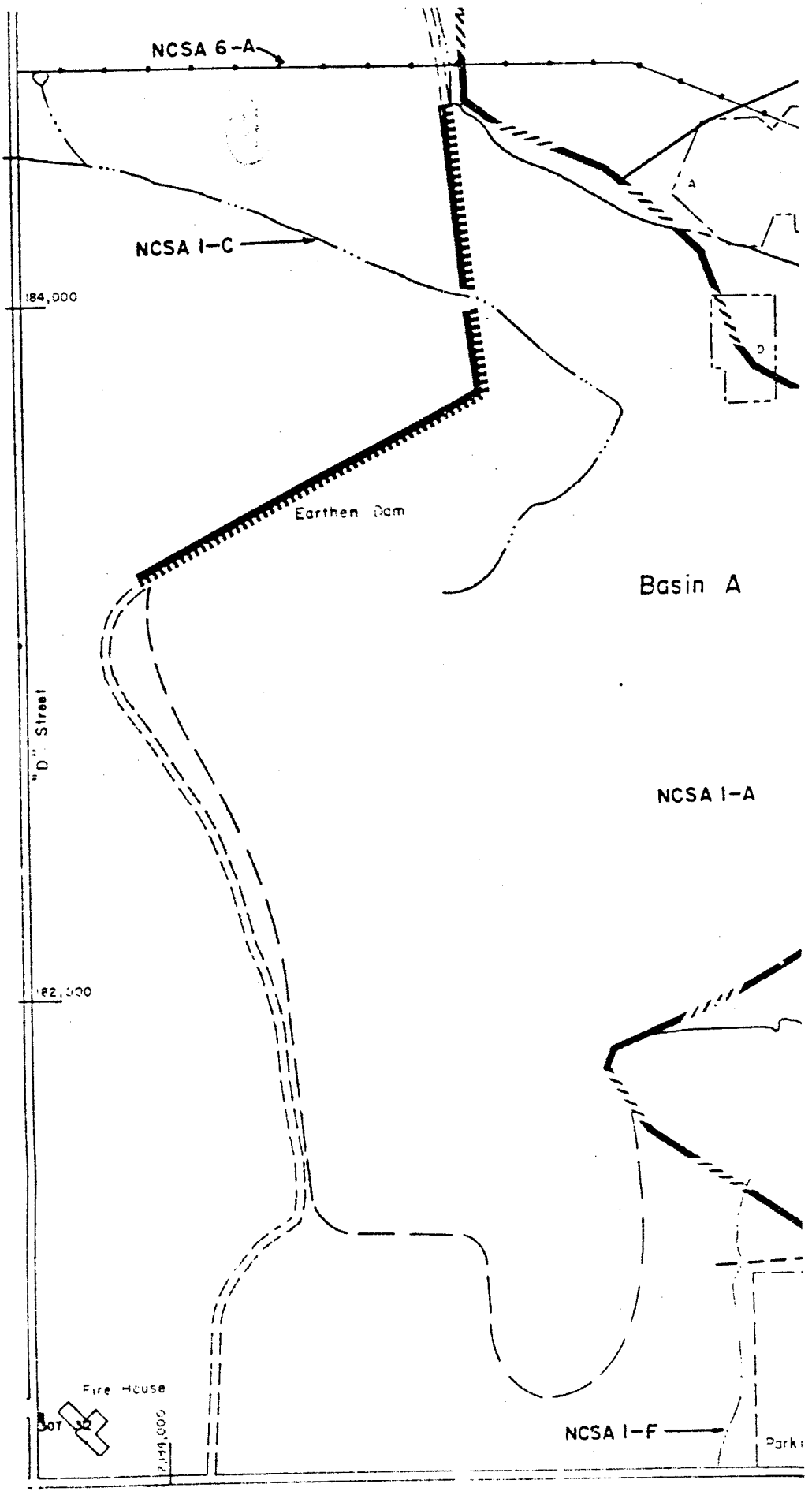


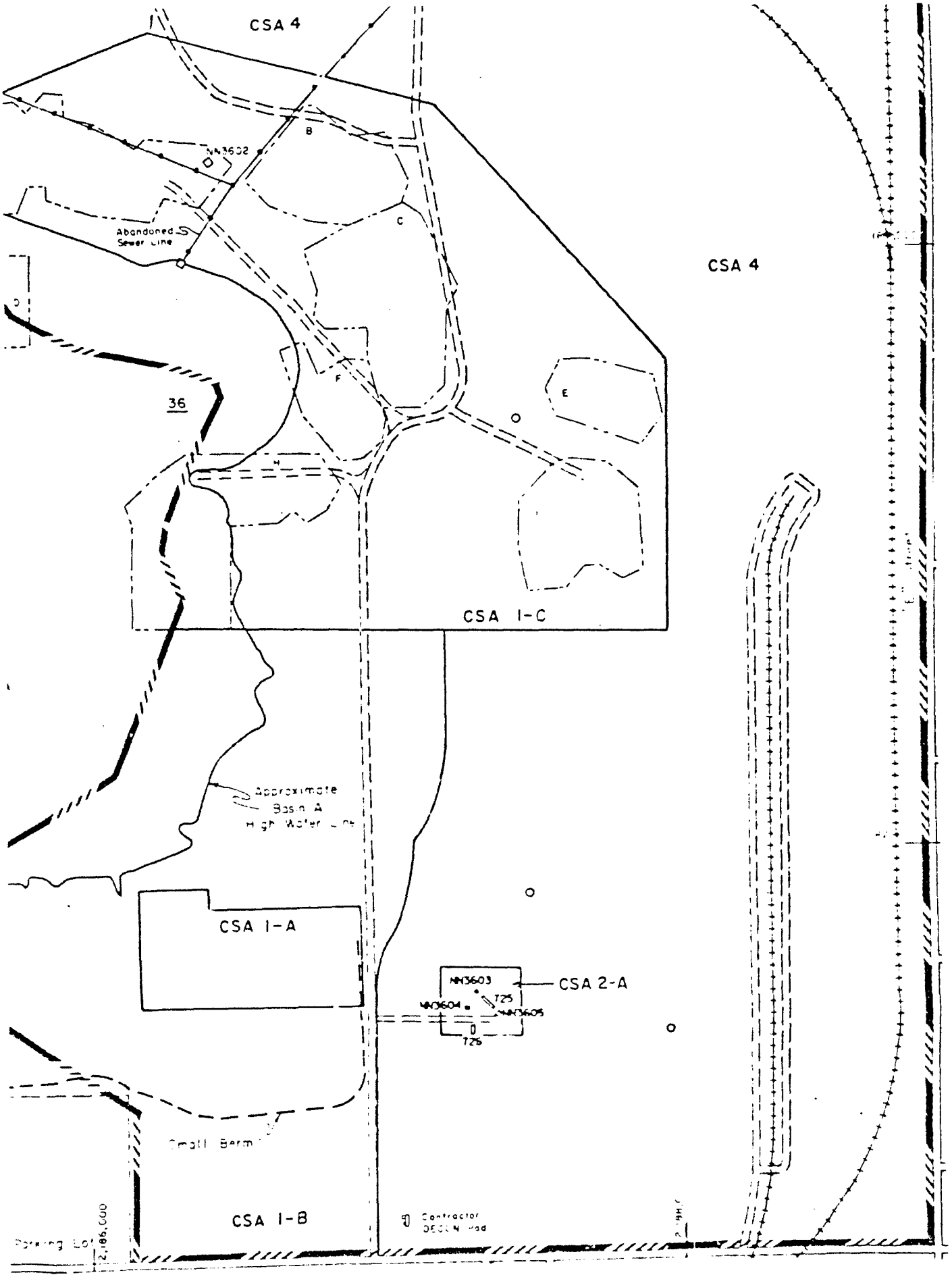
Legend

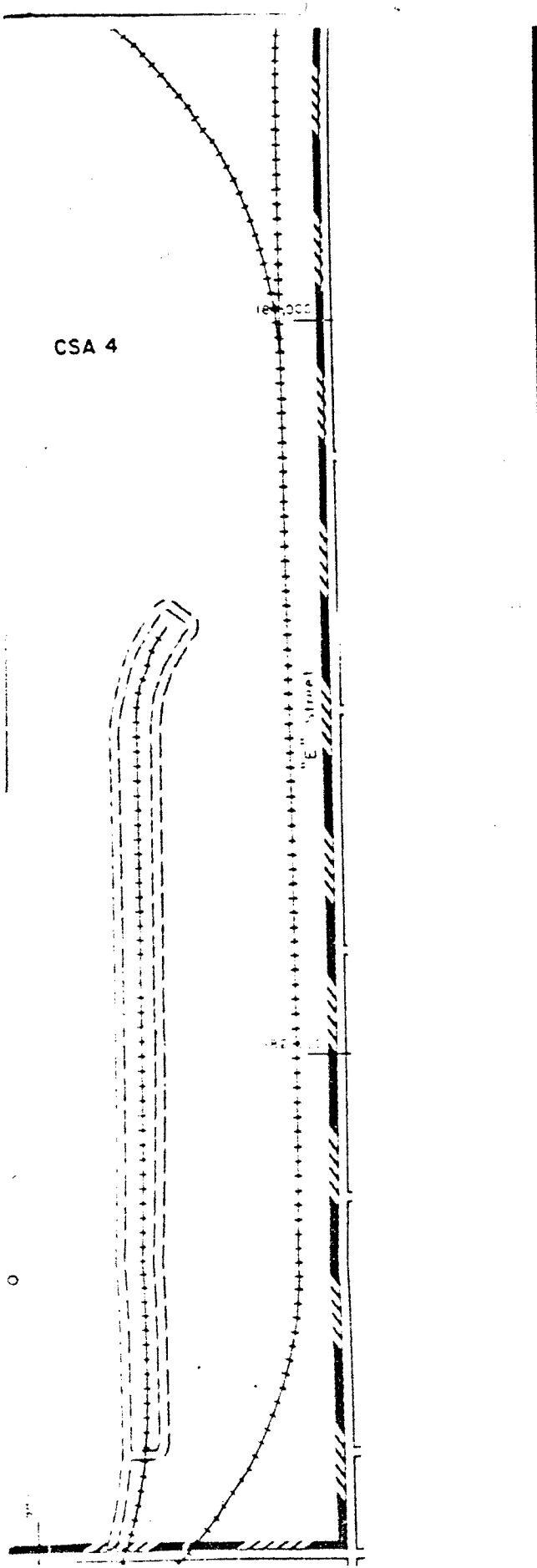
- Improved road
- Unimproved road
- Stream or ditch
- Shore line
- 9 Section number
- 186.000 State plane grid
- Structure
- Railroad tracks
- Former structure
- Central Study Area boundary
- Arsenal boundary
- CSA 1-C Site boundary
- Sanitary sewer
- B Geophysical anomoly
- Chemical sewer

ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

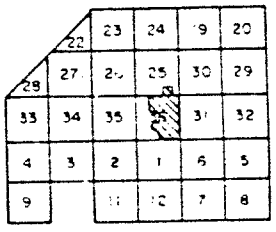
- o Below Certified Reporting Limit (BCRL)
- ● 0.15 - 1.0
- ● 1.0 - 10
- ● 10 - 100
- ● >100


NCSA 6-A
NCSA 1-C
184,000
Earthen Dam
Basin A
"D" Street
NCSA 1-A
182,000
Fire House
NCSA 1-F


CSA 4
MW3602
B
C
Abandoned Sewer Line
CSA 4
36
F
E
CSA 1-C
Approximate Basin A High Water Line
CSA 1-A
MW3603
CSA 2-A
725
MW3604
MW3605
725
Small Berm
CSA 1-B
Contractor DECON Pad
Parking Lot
2,186,000

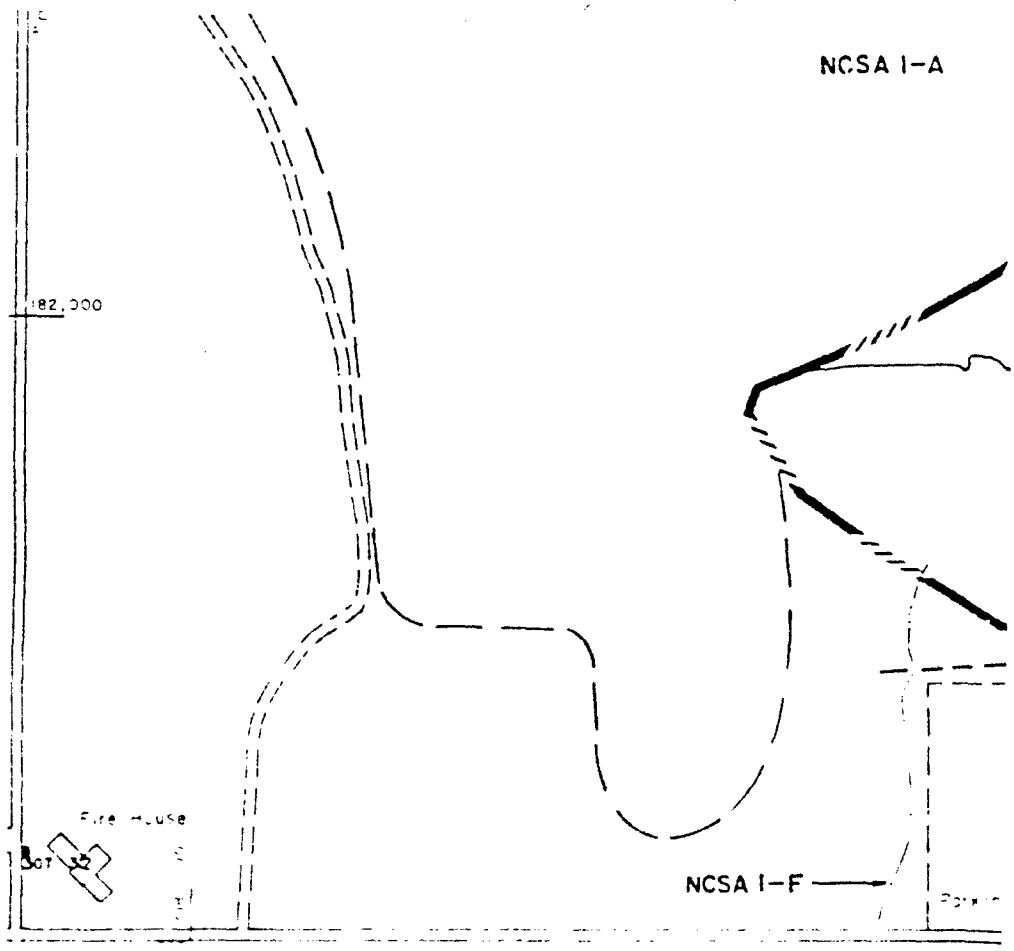


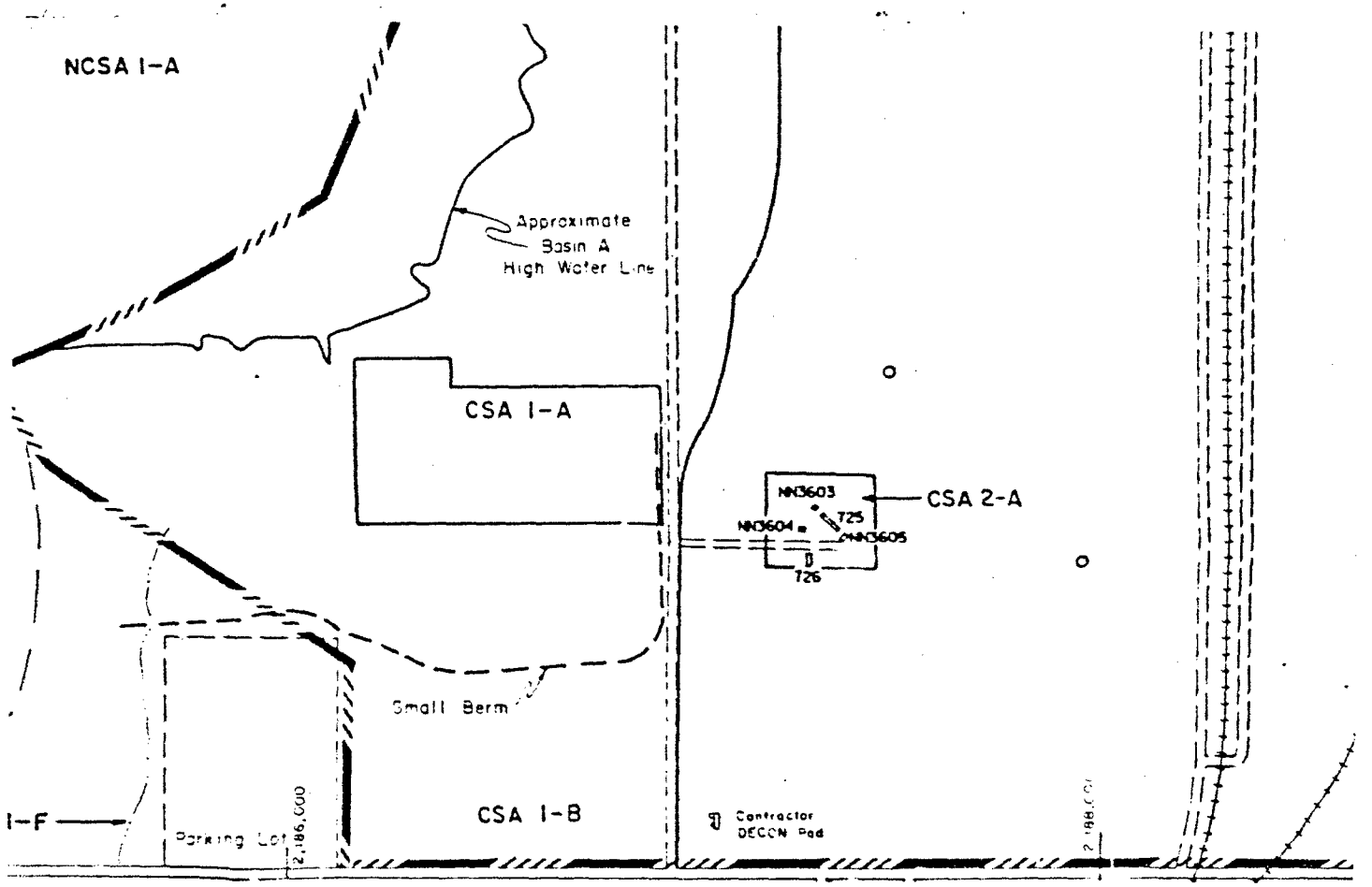
ROCKY MOUNTAIN ARSENAL
LOCATION

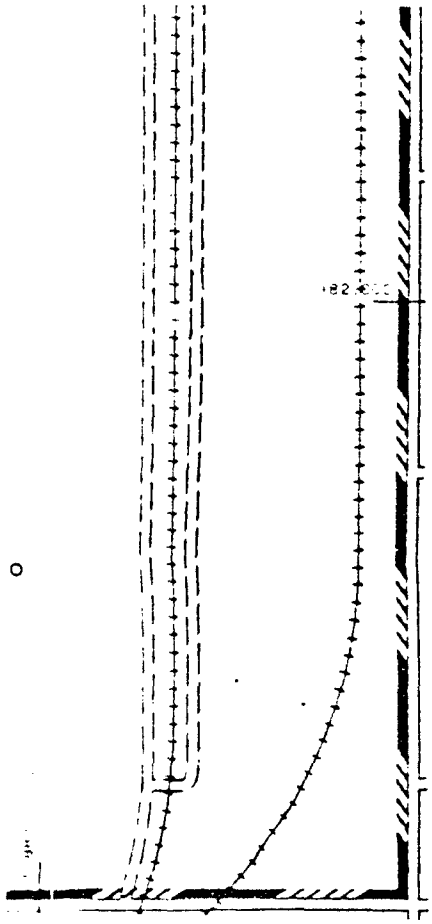


1" = 4 MILES

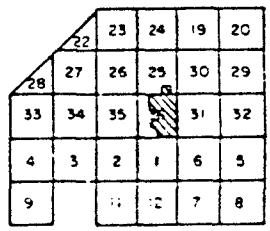



NCSA I-A
182,000
Fire House
NCSA I-F

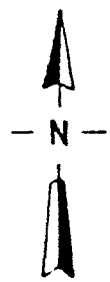

NCSA 1-A
Approximate
Basin A
High Water Line
CSA 1-A
NN3603
CSA 2-A
725
NN3604
NN3605
D
726
Small Berm
I-F
Parking Lot
2,186,600
CSA 1-B
Contractor
DECON Pad
2,186,000

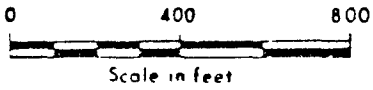


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





Prepared for:

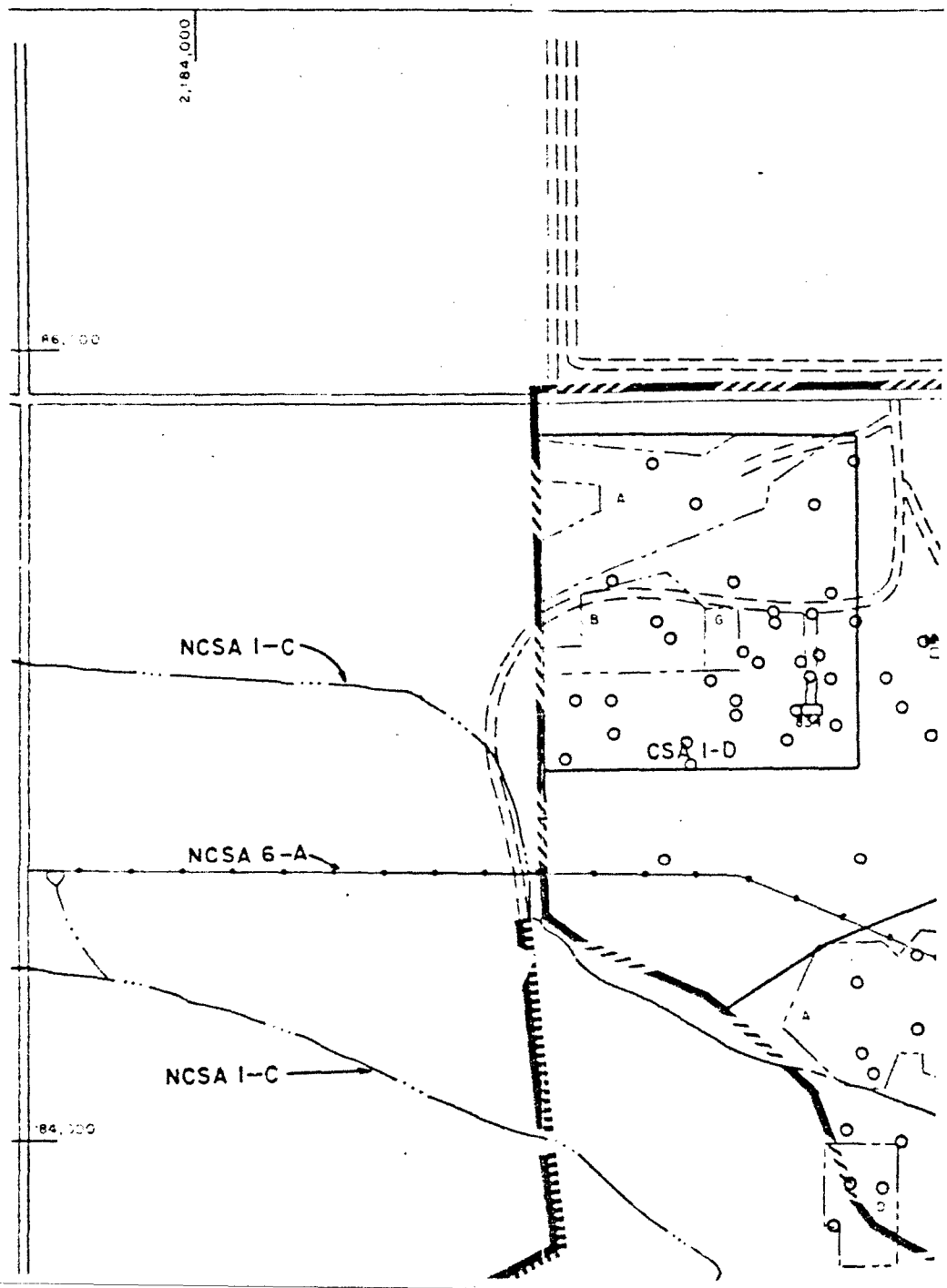
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

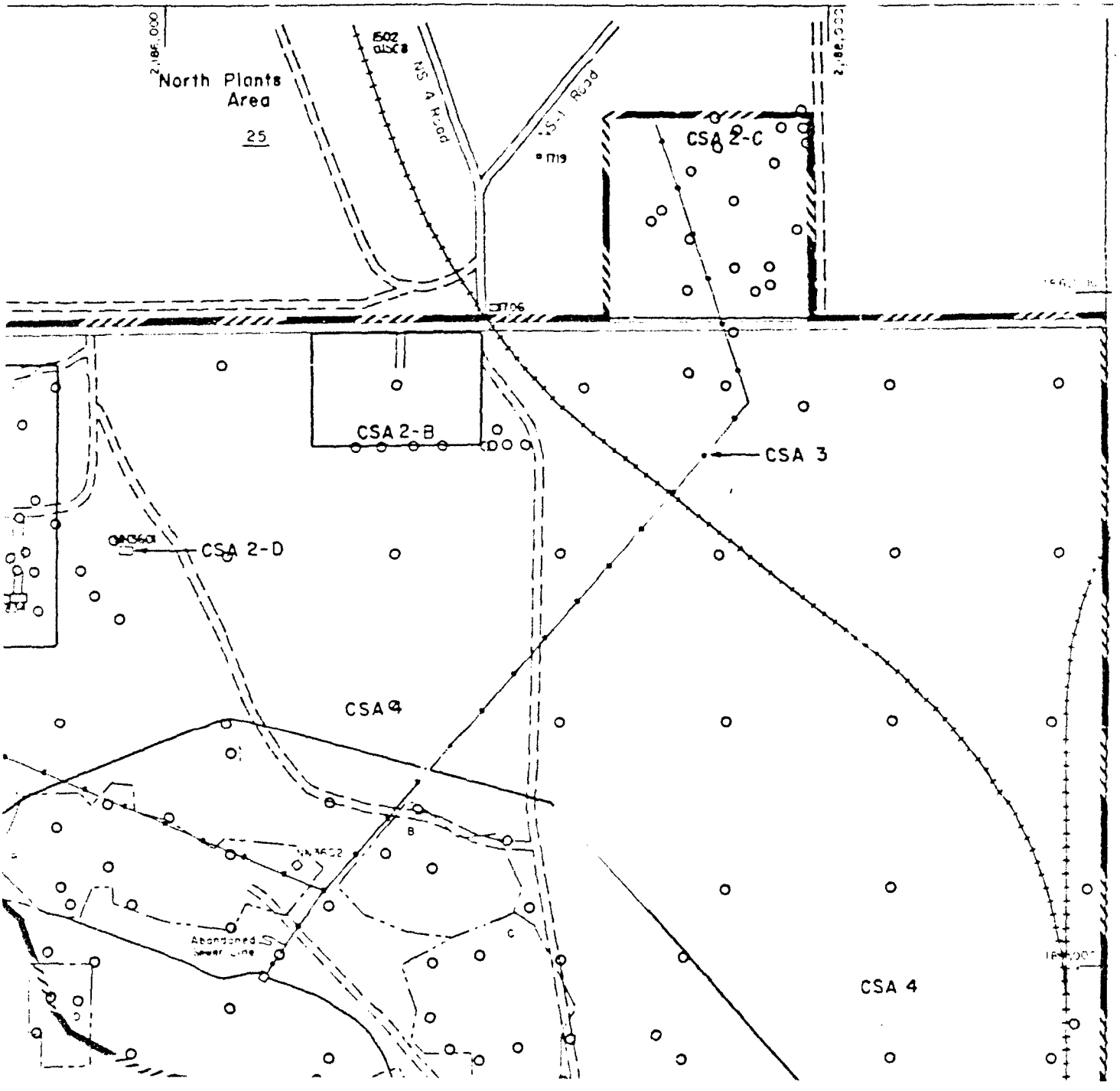
PLATE CSA 2.1-9

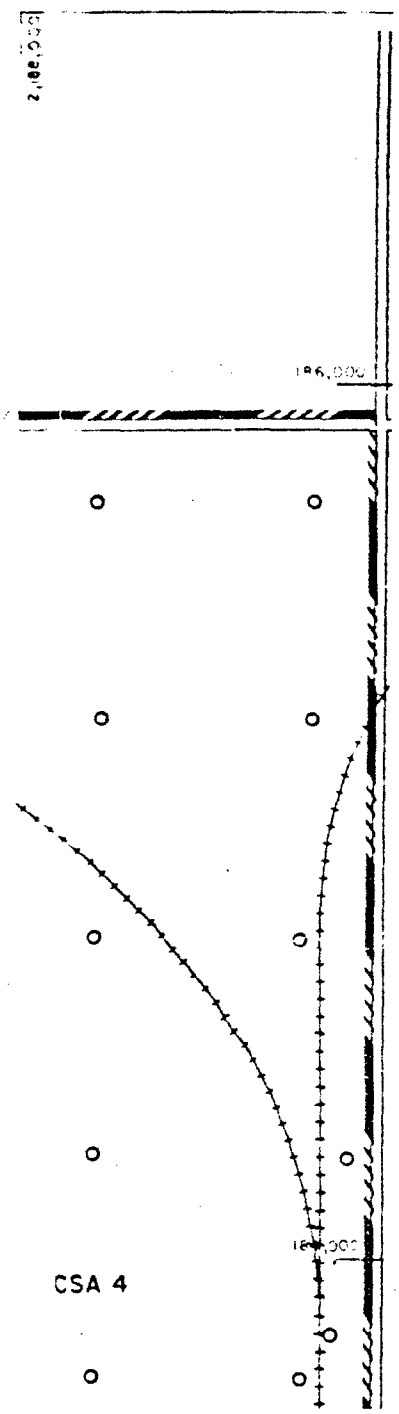
Methylene Chloride
in Soils in the > 20 ft. Interval

Rocky Mountain Arsenal

Prepared by: Ebasco Services Incorporated


2,184,000
NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C


North Plants Area
25
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4
Abandoned

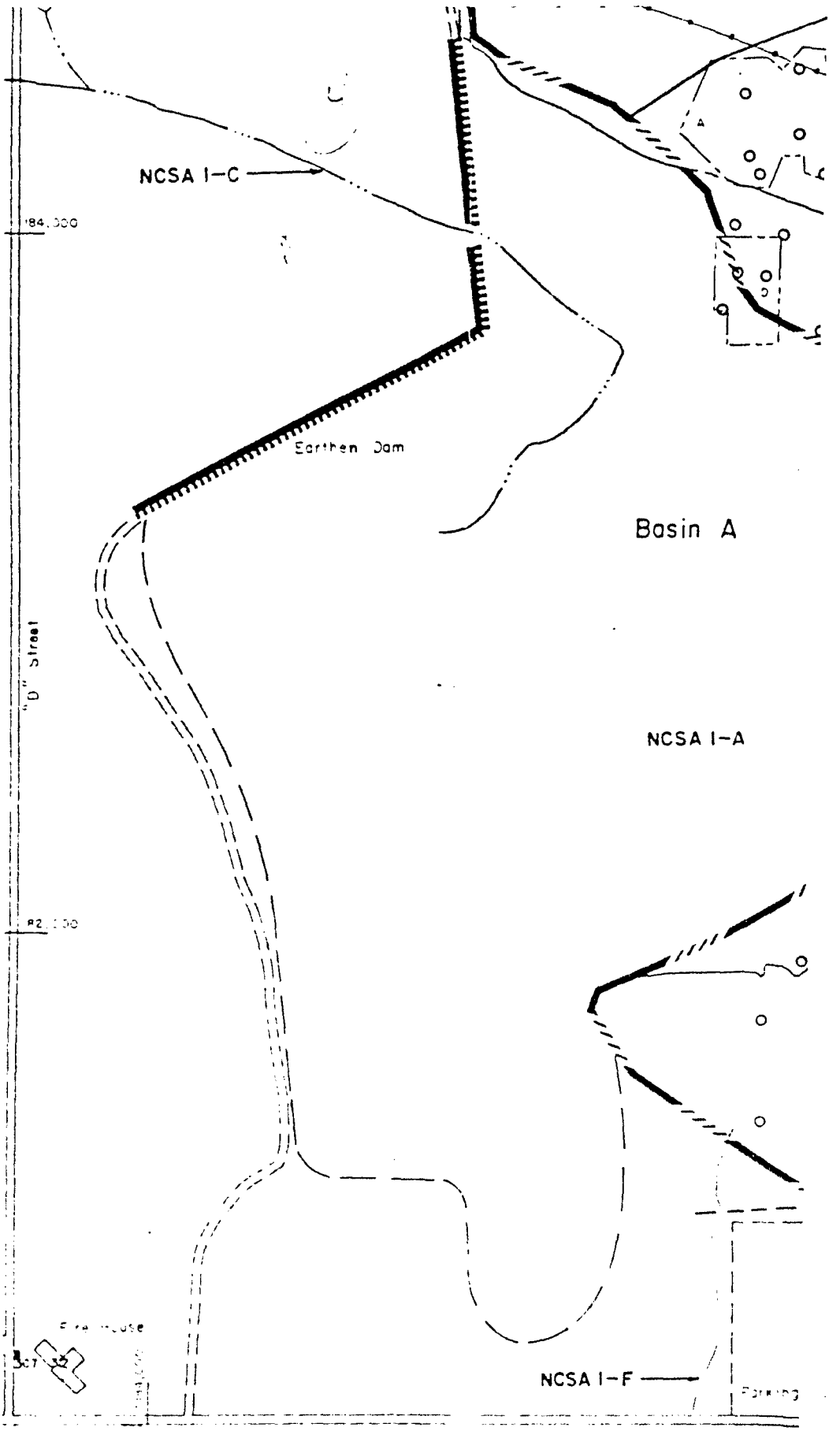


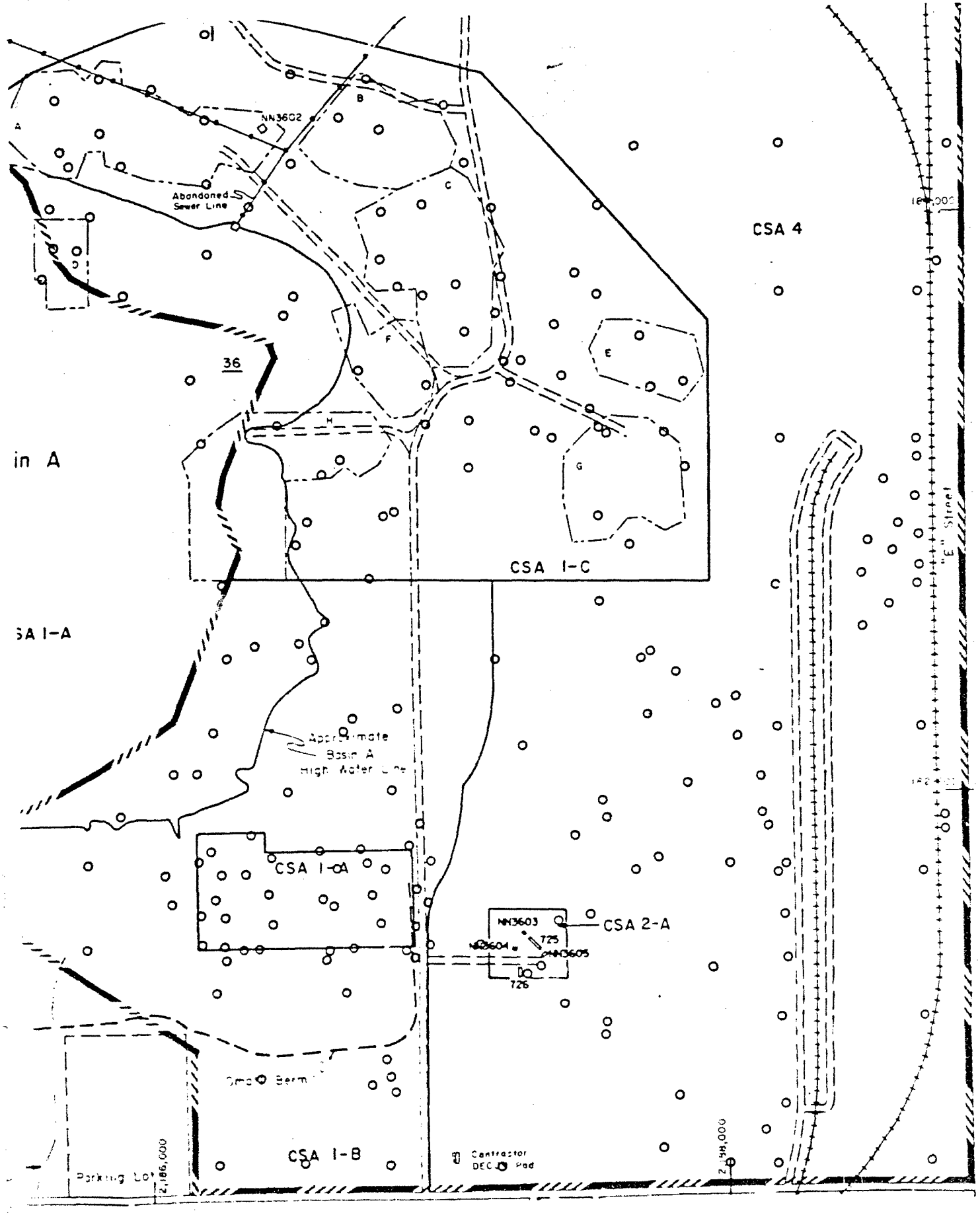
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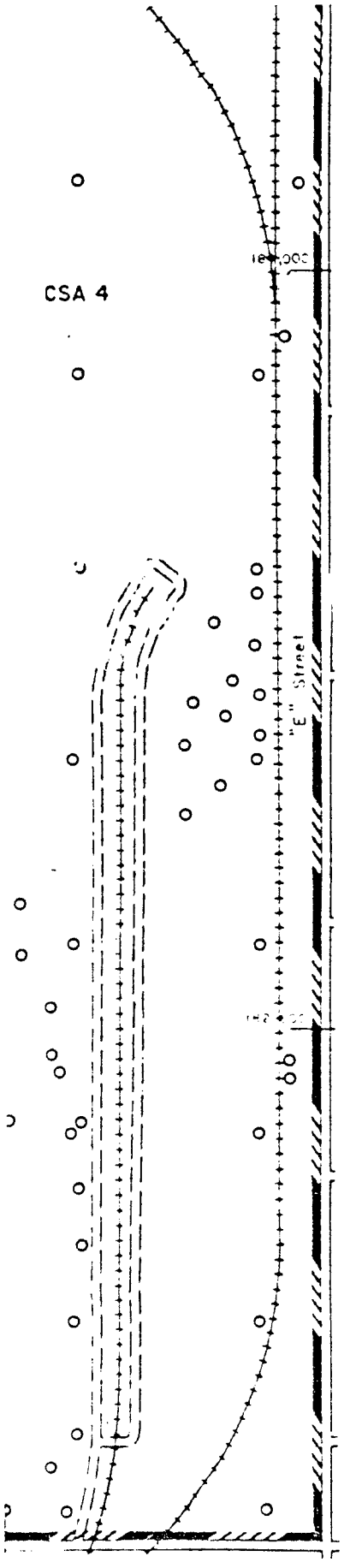
Improved road	Unimproved road
Stream or ditch	Shore line
	9 Section number
186,000 State plane grid	Structure
Railroad tracks	Former structure
Central Study Area boundary	Arsenal boundary
CSA 1-C Site boundary	Sanitary sewer
B Geophysical anomoly	Chemical sewer

ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

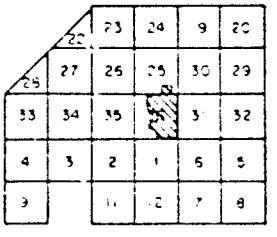
- o Below Certified Reporting Limit (BCRL)
- ● 0.30 - 1.0
- ● 1.0 - 10
- ● 10 - 100
- ● >100


NCSA I-C
184,000
Earthen Dam
Basin A
"D" Street
NCSA I-A
NCSA I-F
Parking

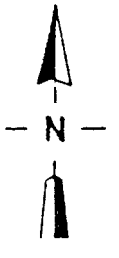

NN3602
Abandoned Sewer Line
A
B
C
D
E
F
G
H
36
CSA 4
CSA 1-C
CSA 1-A
CSA 1-B
CSA 2-A
NN3603
NN3604
NN3605
725
726
Approximate Basin A High Water Line
Berm
Parking Lot
Contractor
Pad
"E" Street
2,186,000
2,186,000

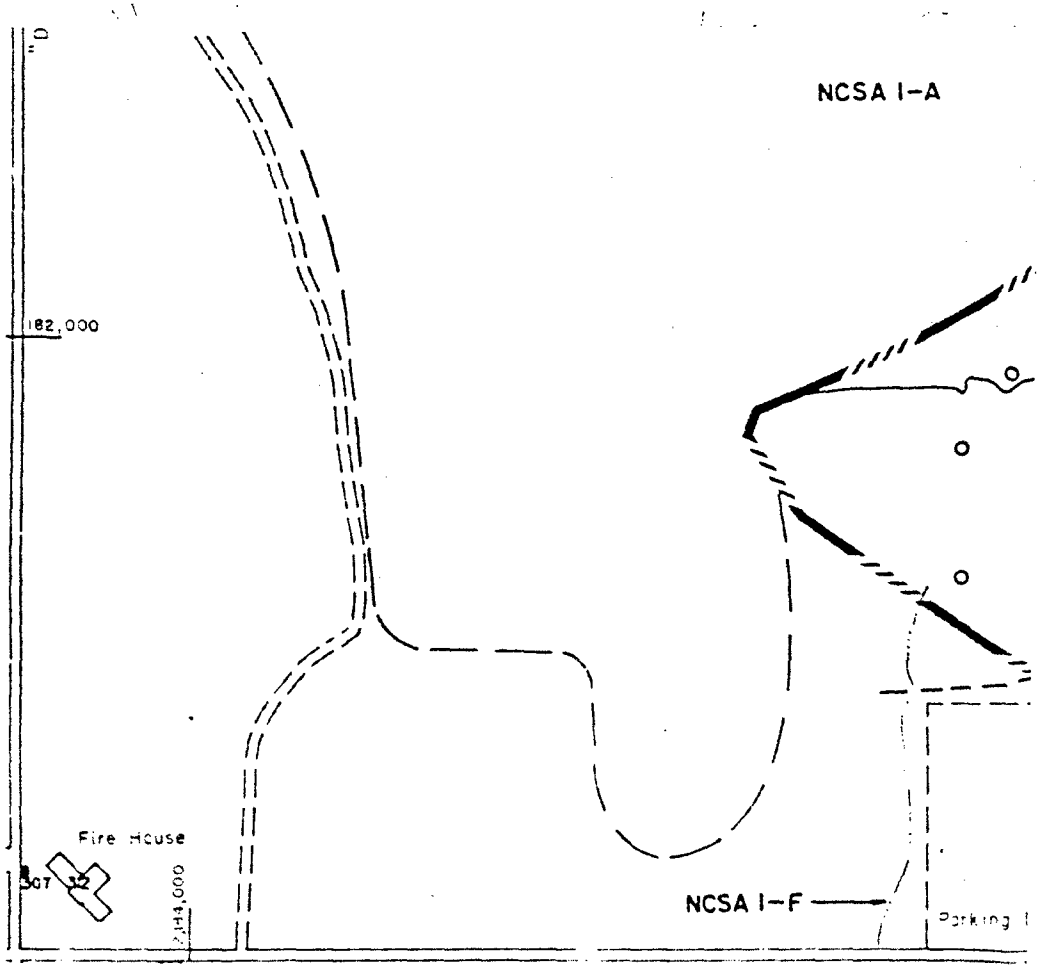


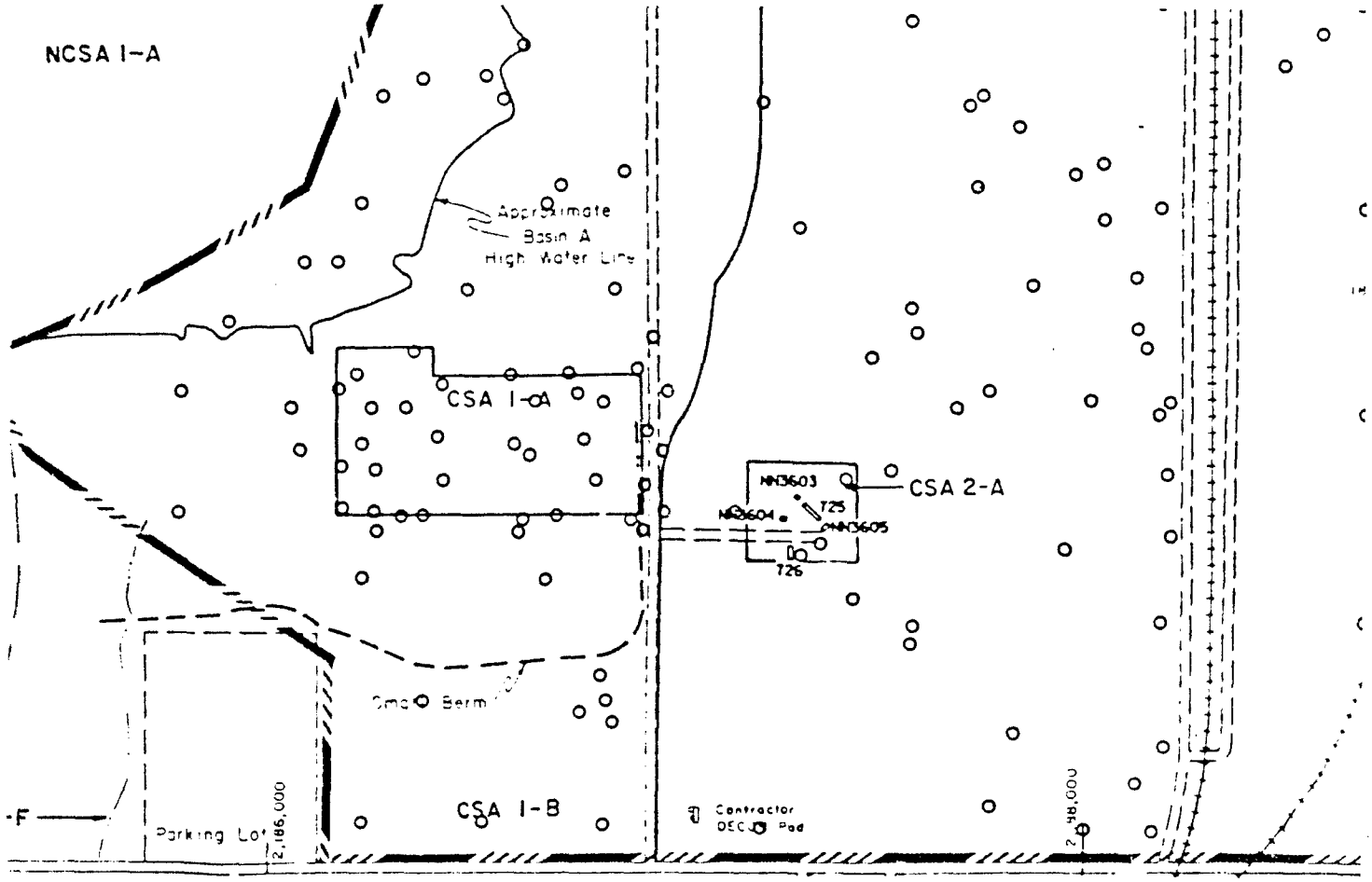
ROCKY MOUNTAIN ARSENAL
LOCATION

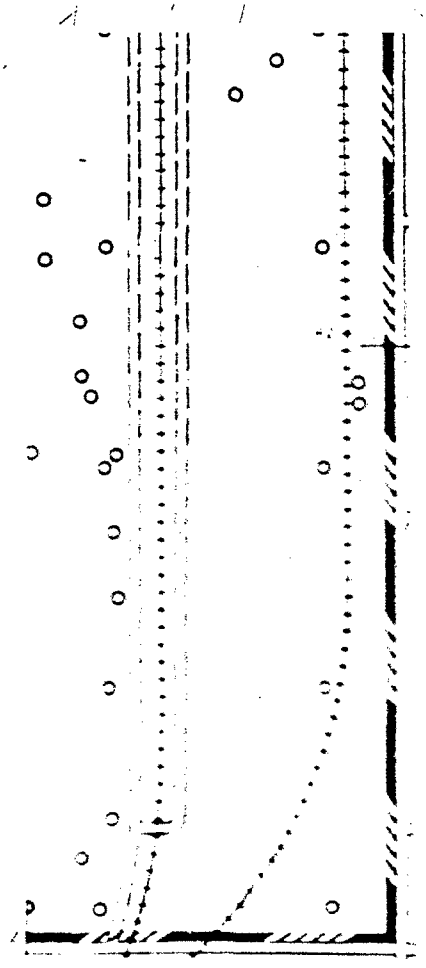


1" = 4 MILES

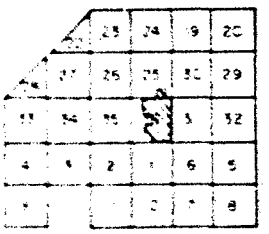



NCSA I-A
182,000
Fire House
NCSA I-F


NCSA 1-A
Approximate
Basin A
High Water Line
CSA 1-A
CSA 1-B
CSA 2-A
MW3603
MW3604
MW3605
725
726
Berm
Parking Lot
Contractor
Pad
2,186,000
2,188,000



ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES

— N —

0 400 800

Scale in feet

Prepared for:

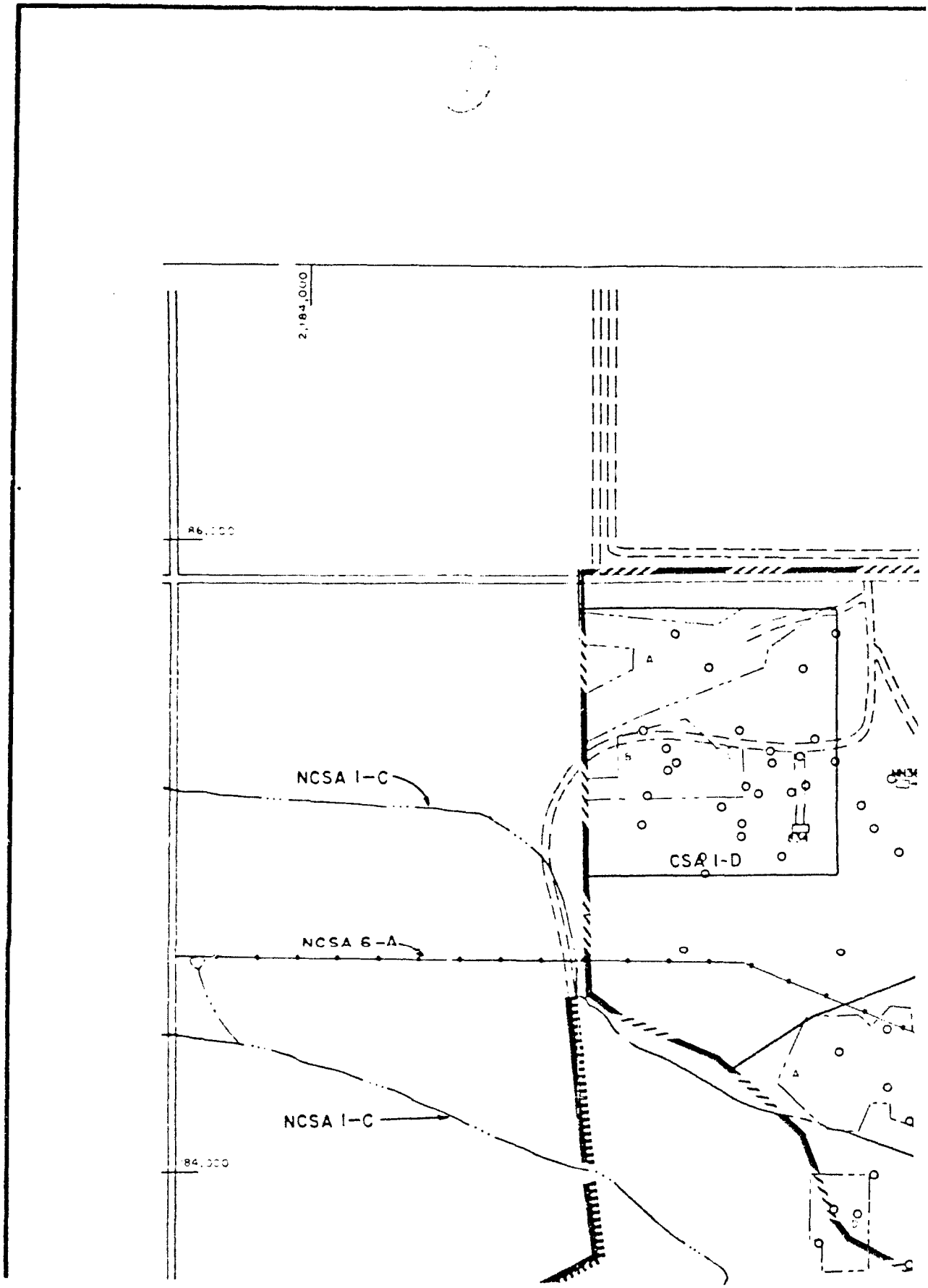
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

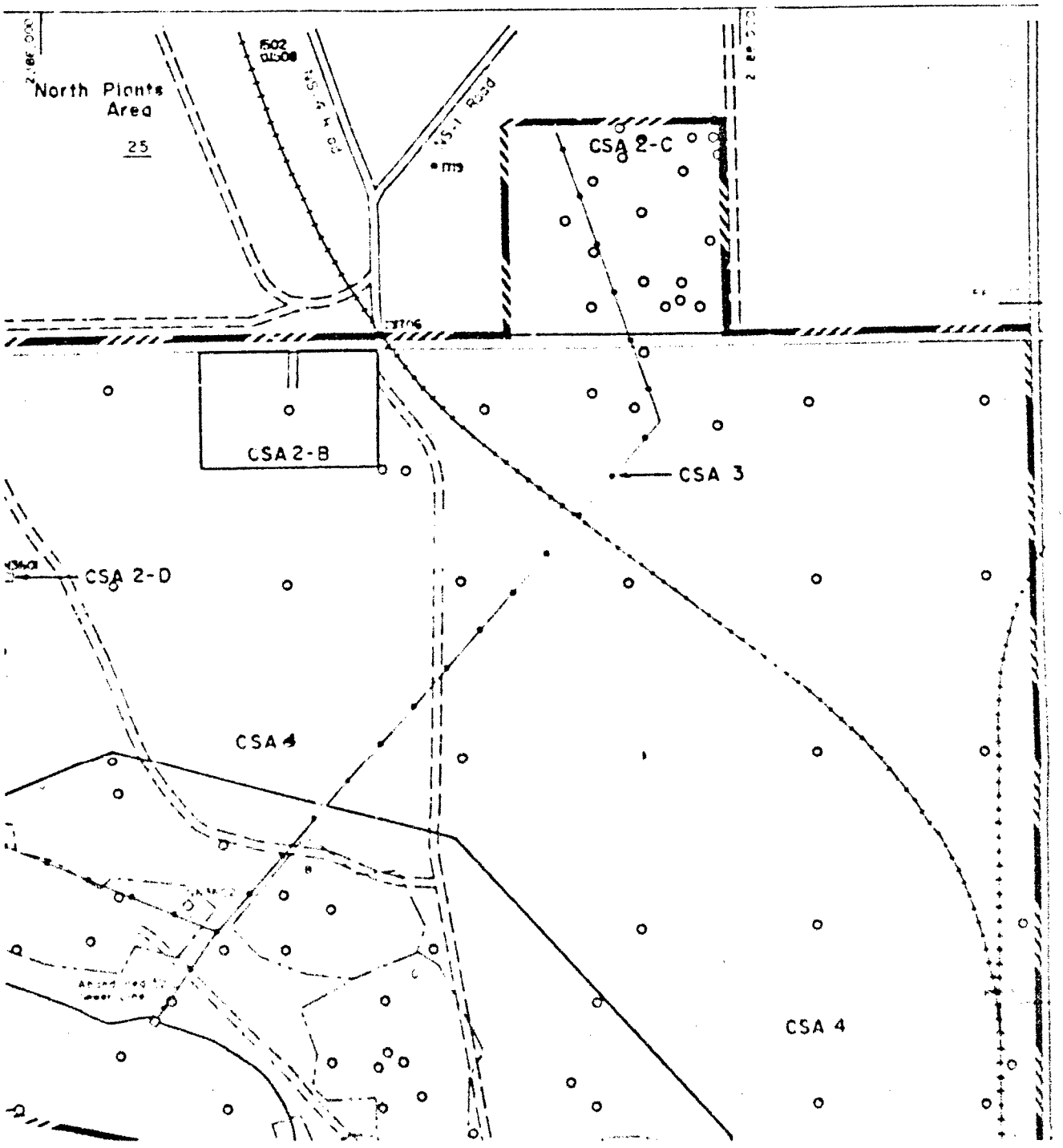
PLATE CSA 2.1-10

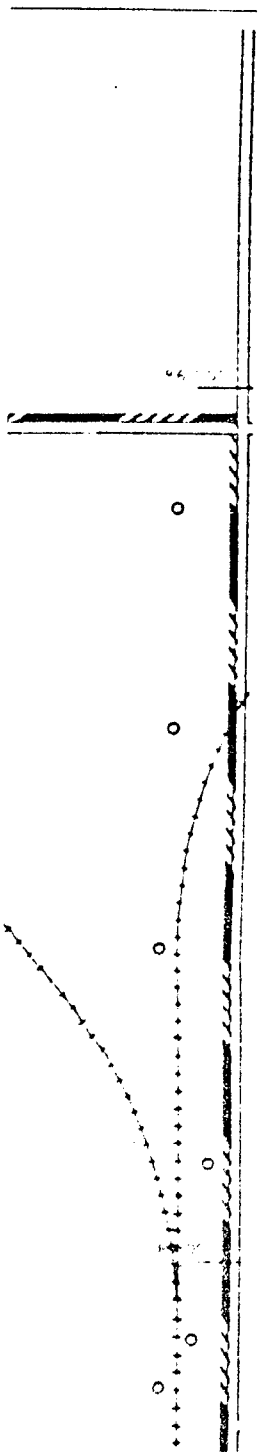
Volatile Hydrocarbons in Soils
in the 0-2 ft. Interval

Rocky Mountain Arsenal

Prepared by: Ebasco Services Incorporated


2,184,000
86,000
NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C
84,000


North Plants
Area
25
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4

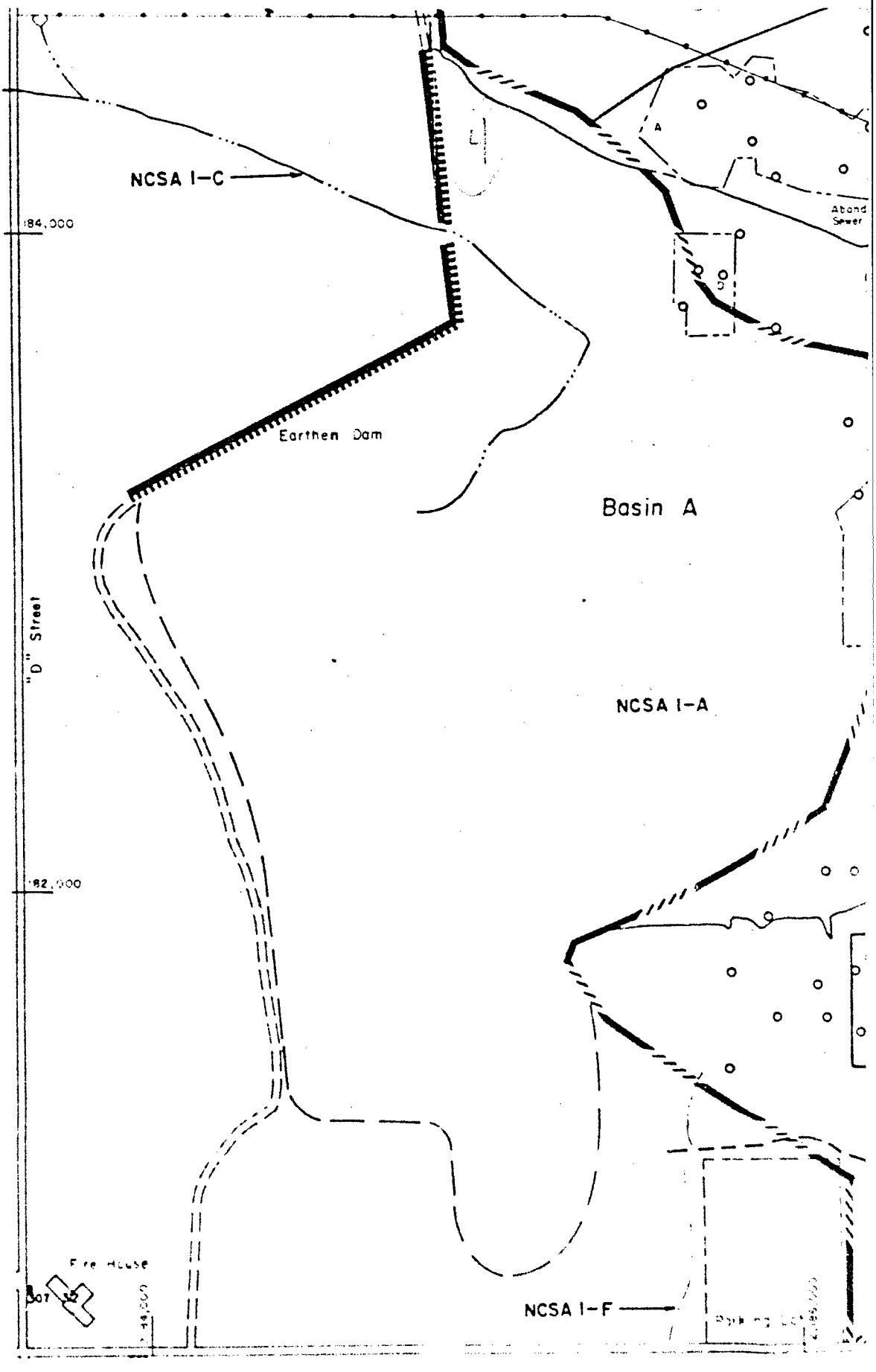


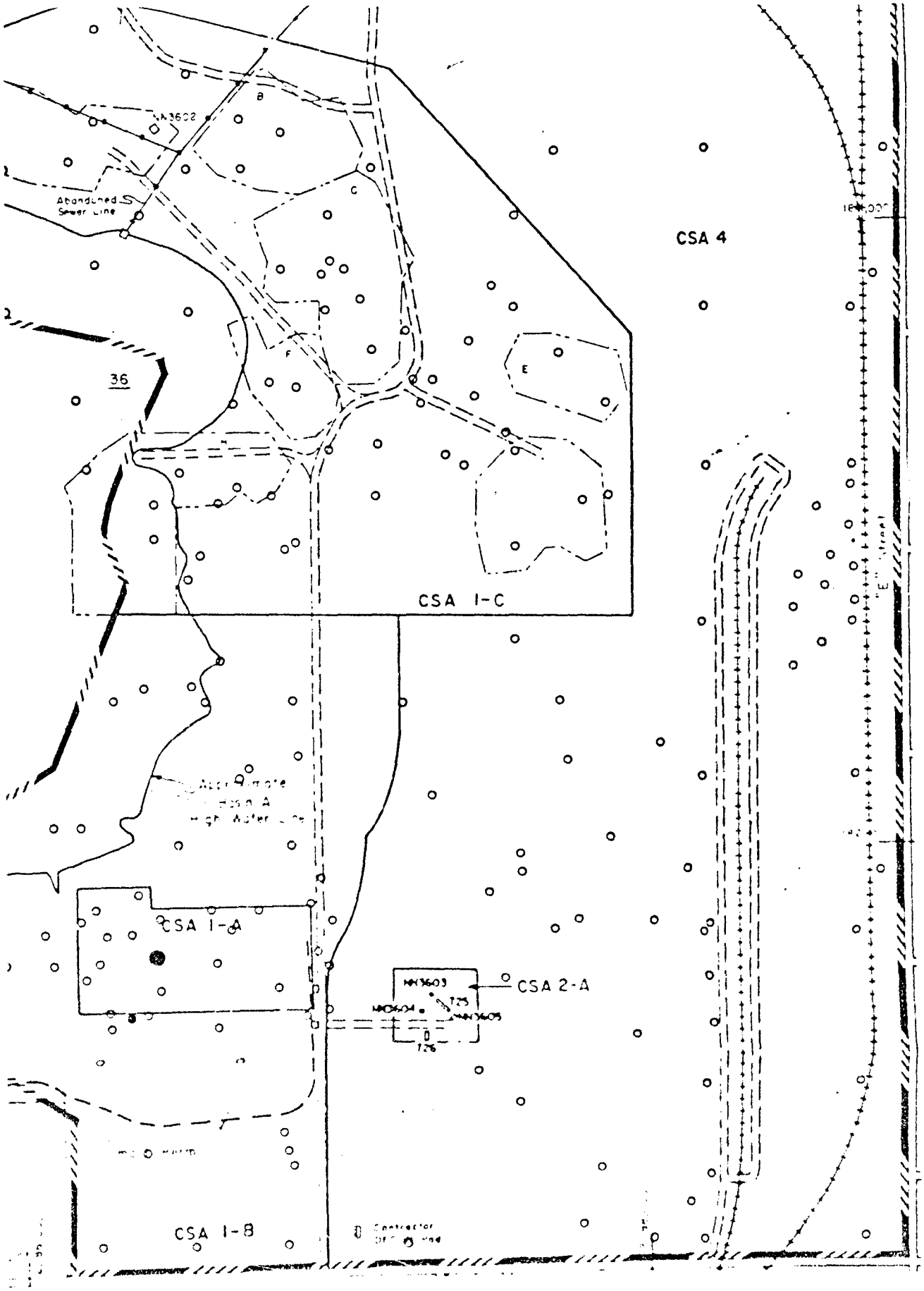
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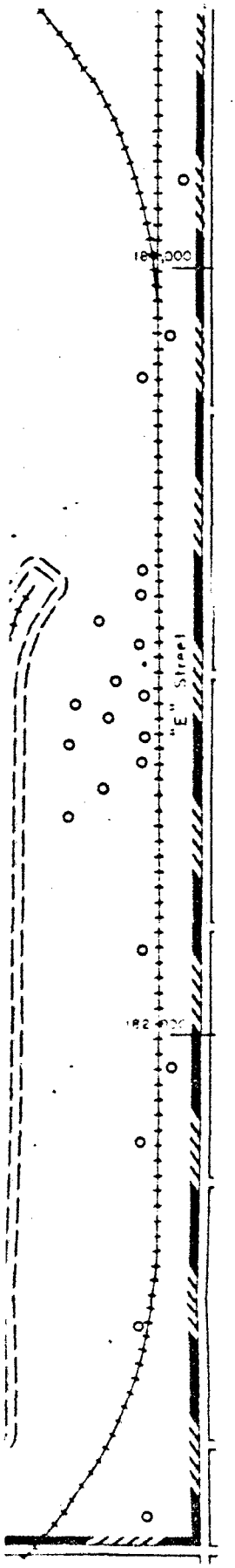
- Improved road
- Unimproved road
- Stream or ditch
- Shore line
- 9 Section number
- 186,000 State plane grid
- Structure
- Railroad tracks
- Former structure
- Central Study Area boundary
- Arsenal boundary
- CSA 1-C Site boundary
- Sanitary sewer
- 8 Geophysical anomoly
- Chemical sewer

ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

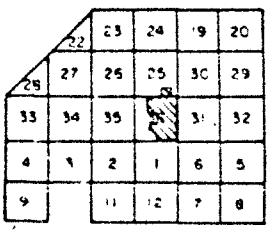
- o Below Certified Reporting Limit (BCRL)
- • 0.30 - 1.0
- ● 1.0 - 10
- ● 10 - 100
- ● >100


NCSA I-C
184,000
Earthen Dam
Basin A
"D" Street
NCSA I-A
182,000
Fire House
NCSA I-F
Abond Sewer

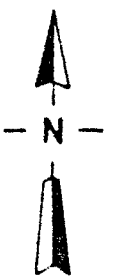

CSA 4
CSA 1-C
CSA 1-A
CSA 1-B
CSA 2-A
Abandoned Sewer Line
36

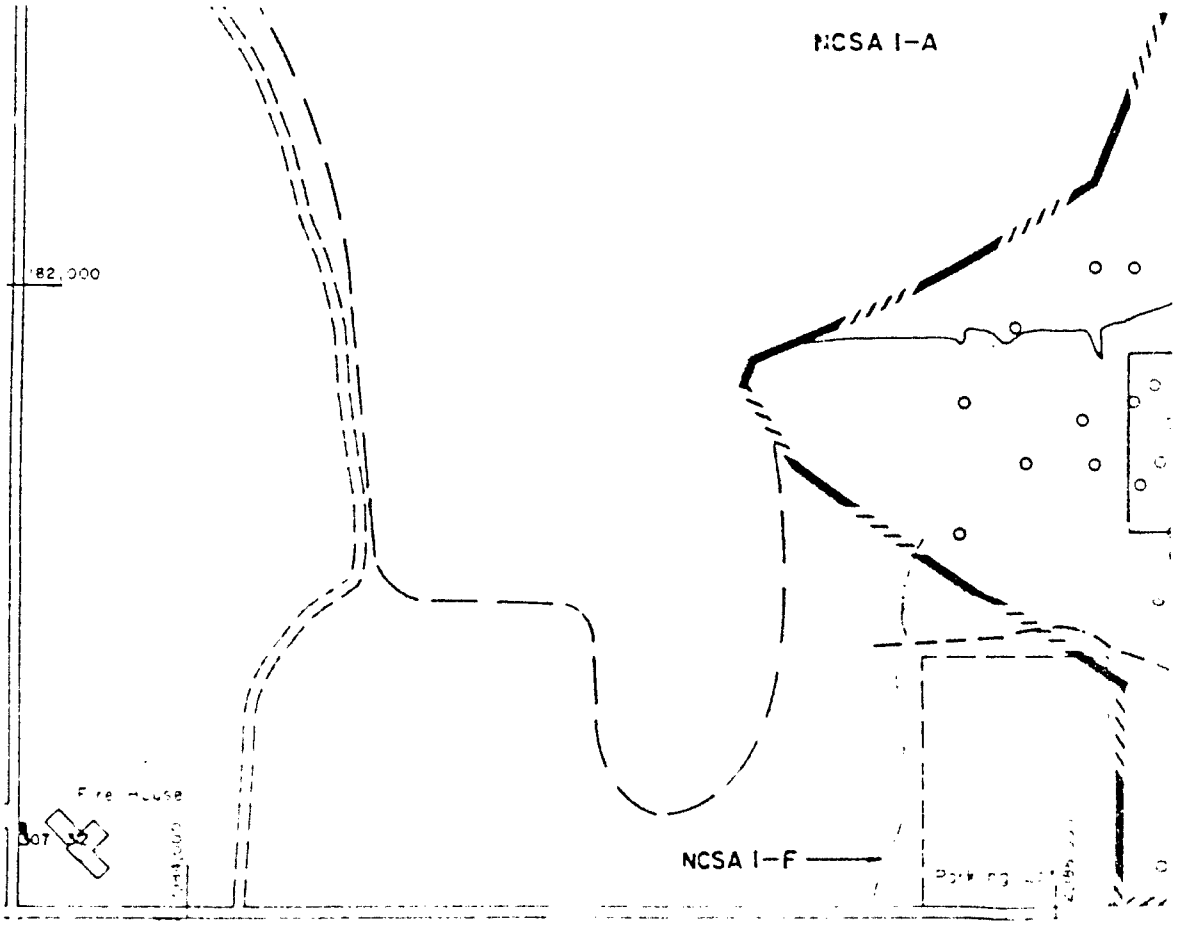


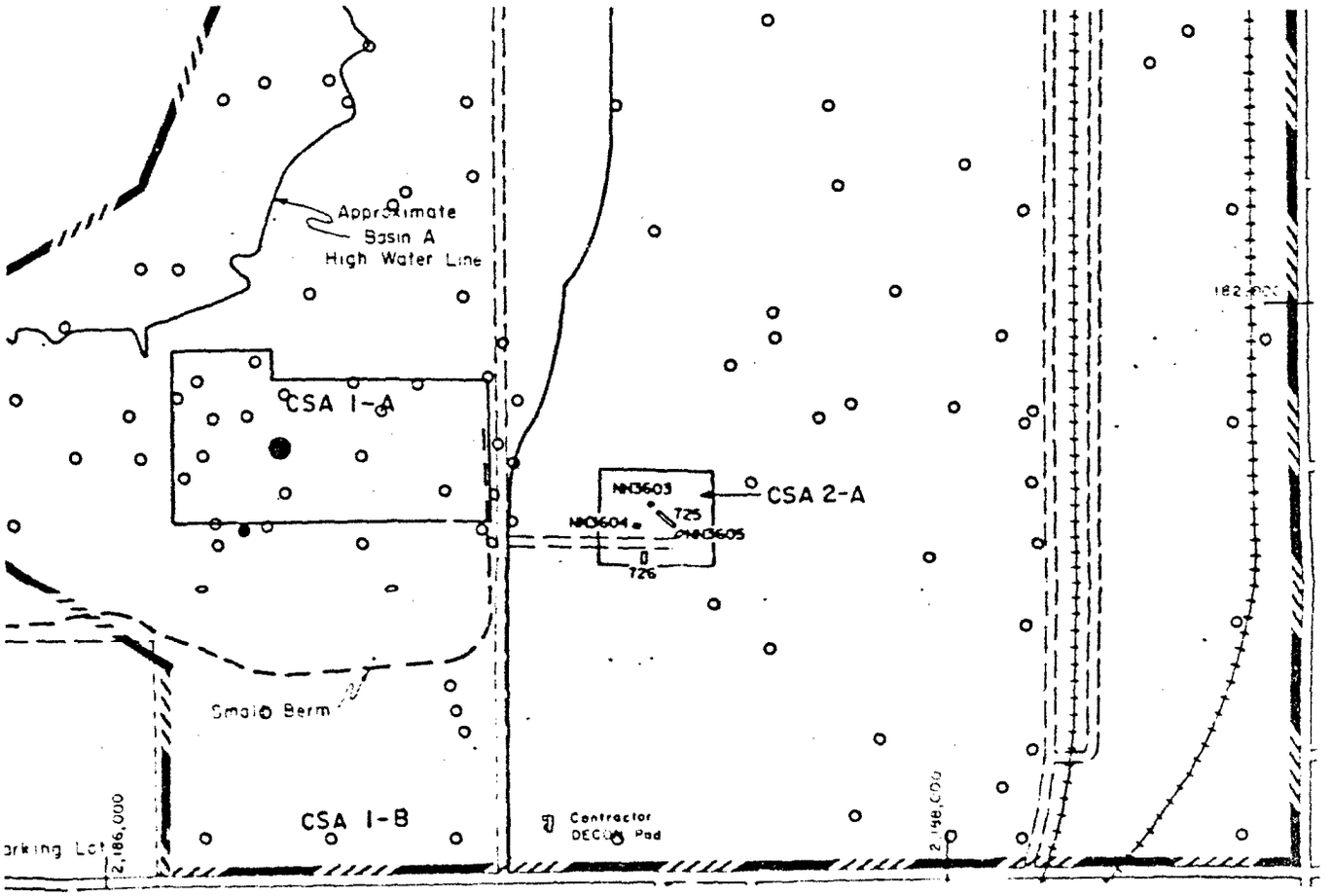
ROCKY MOUNTAIN ARSENAL
LOCATION

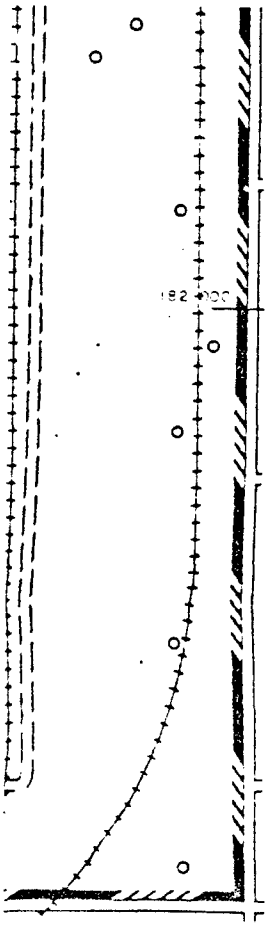


1" = 4 MILES

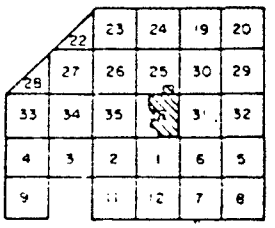



NCSA I-A
82,000
Fire House
NCSA I-F


Approximate
Basin A
High Water Line
CSA 1-A
CSA 2-A
NH3603
725
NH0604
NH3605
726
Small Berm
CSA 1-B
Contractor
Pad
2,186,000
2,198,000

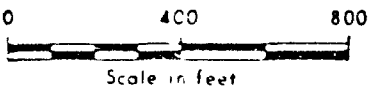


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





Prepared for:

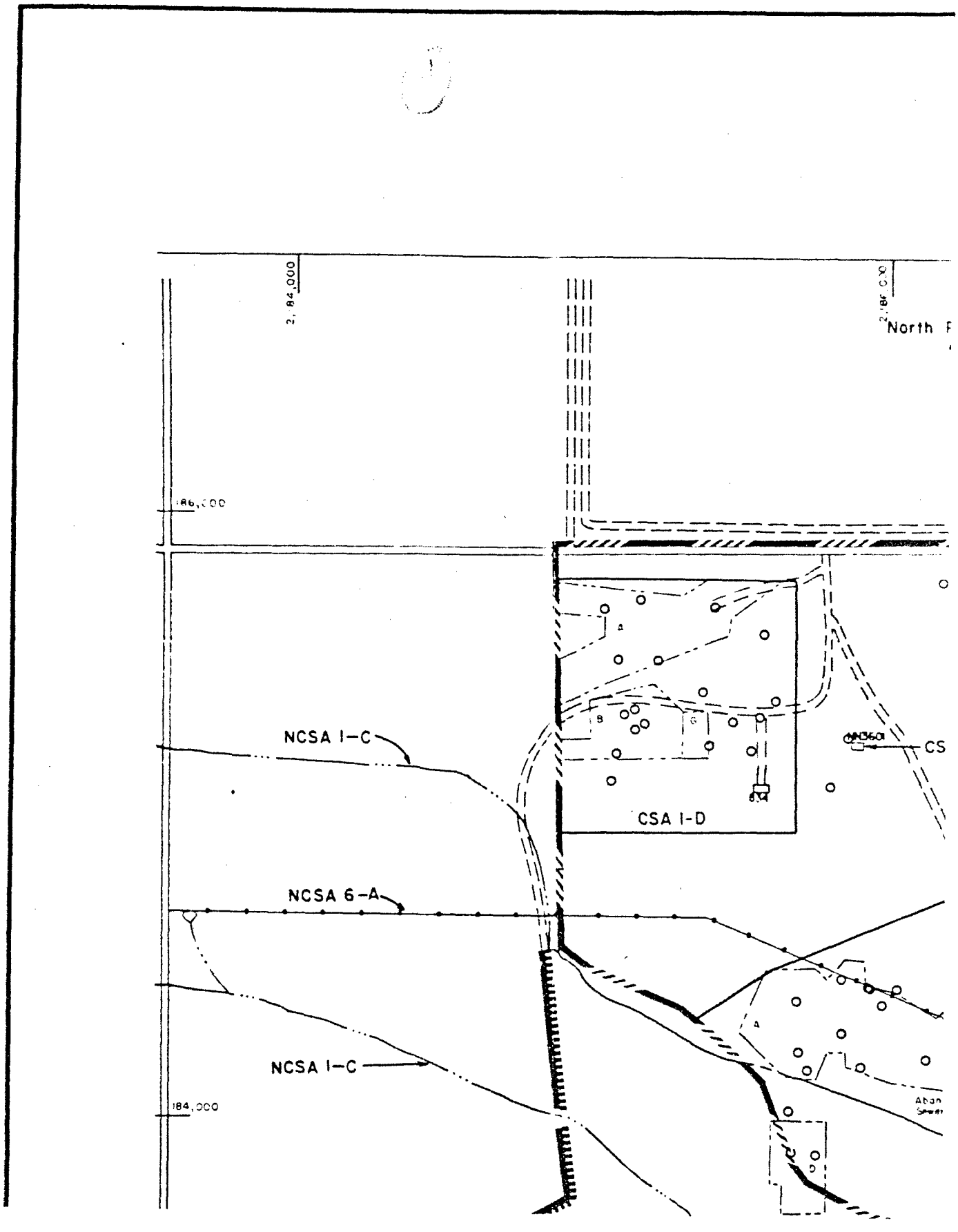
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

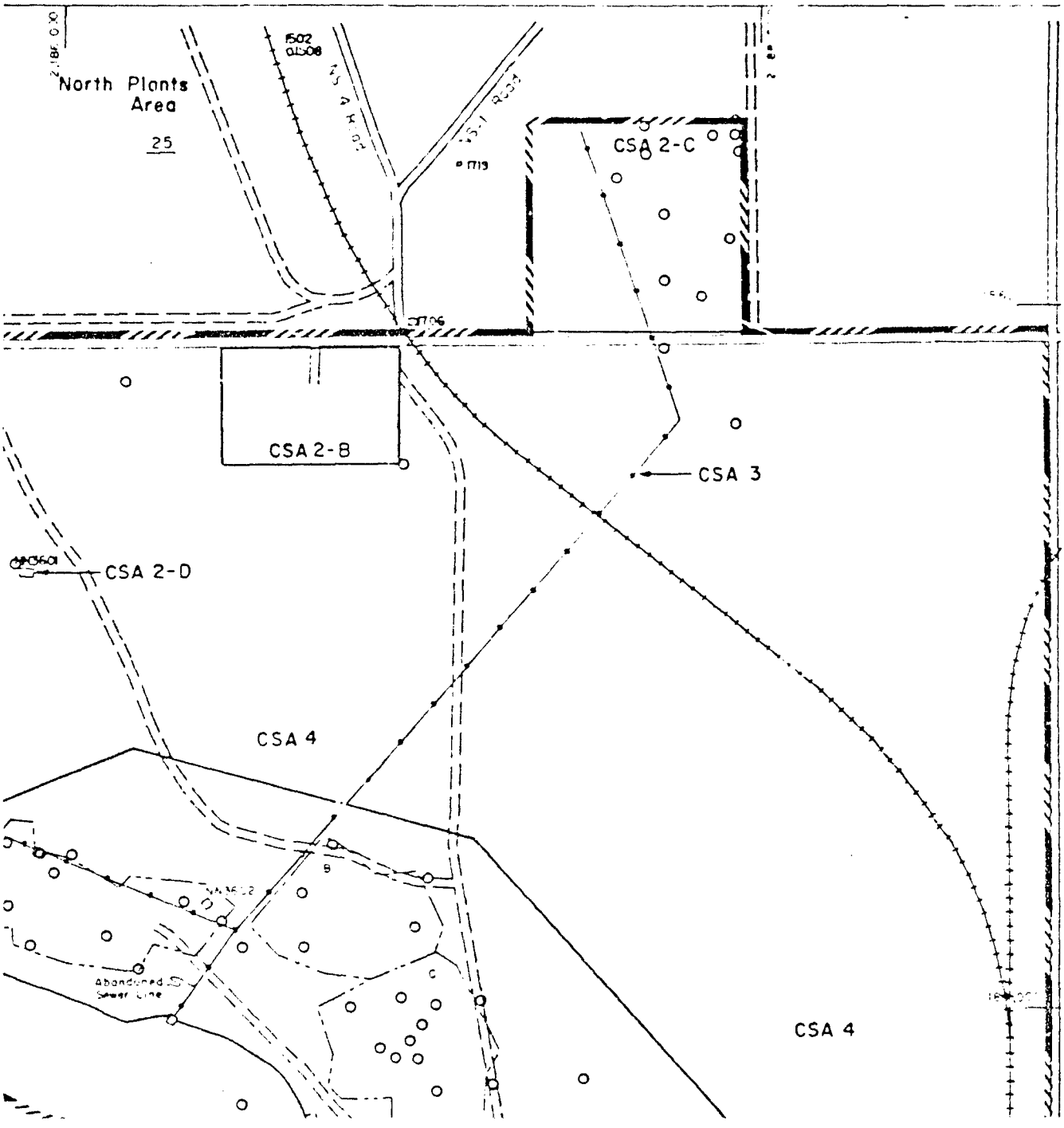
PLATE CSA 2.1-11

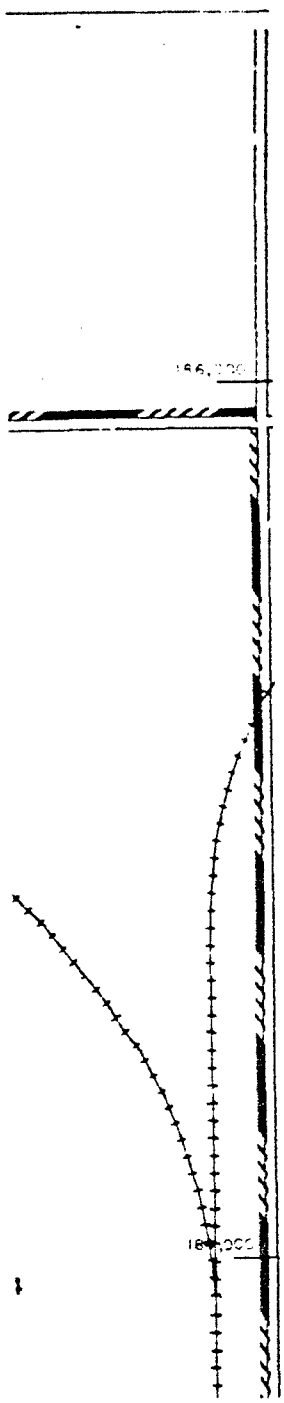
Volatile Hydrocarbons in Soils
in the 2-5 ft. Interval

Rocky Mountain Arsenal

Prepared by: Ebasco Services Incorporated


2, 84,000
North F
186,000
NCSA 1–C
CS
CSA 1-D
NCSA 6–A
NCSA 1–C
184,000


North Plants
Area
25
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4
Abandoned
Sewer Line

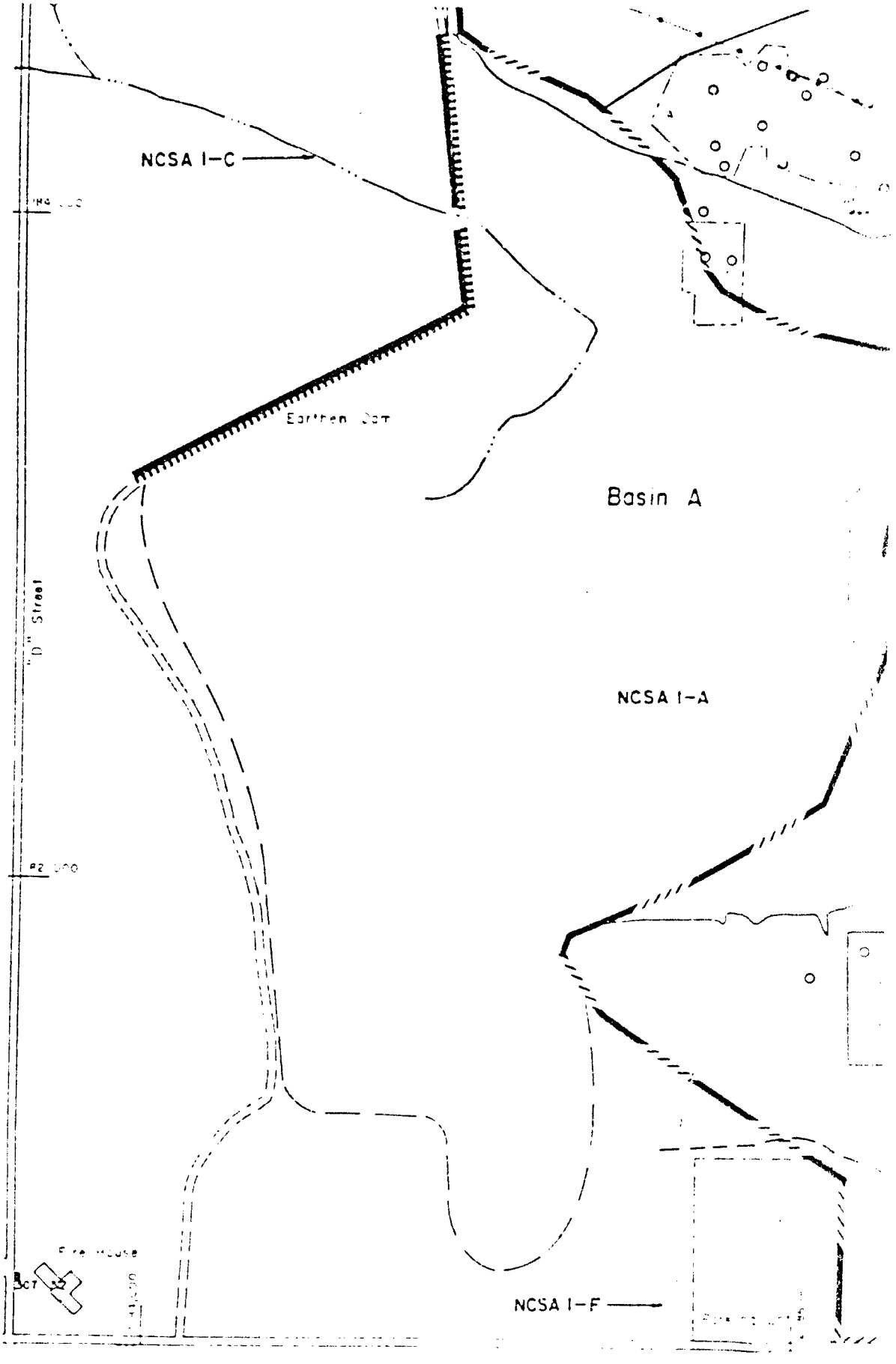


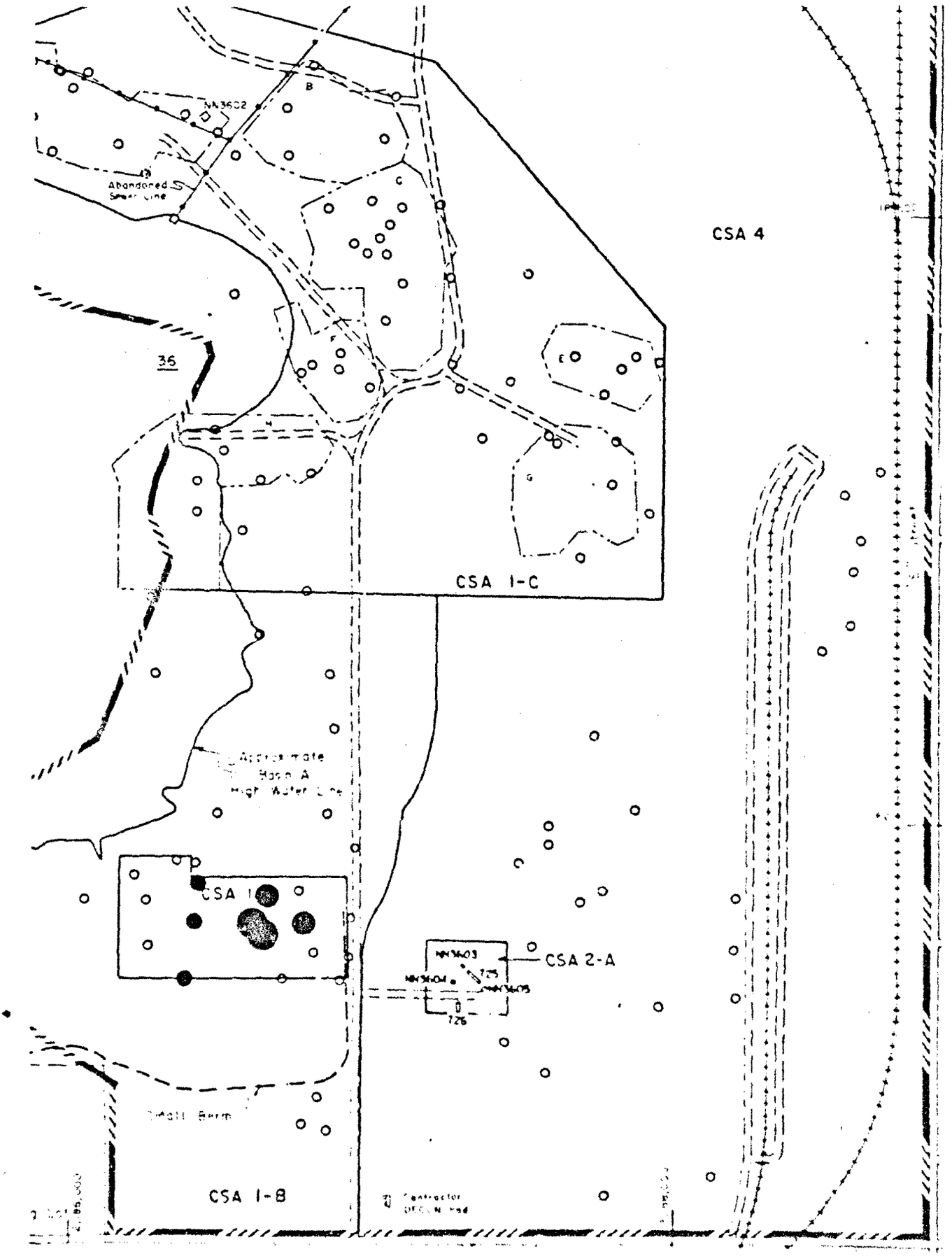
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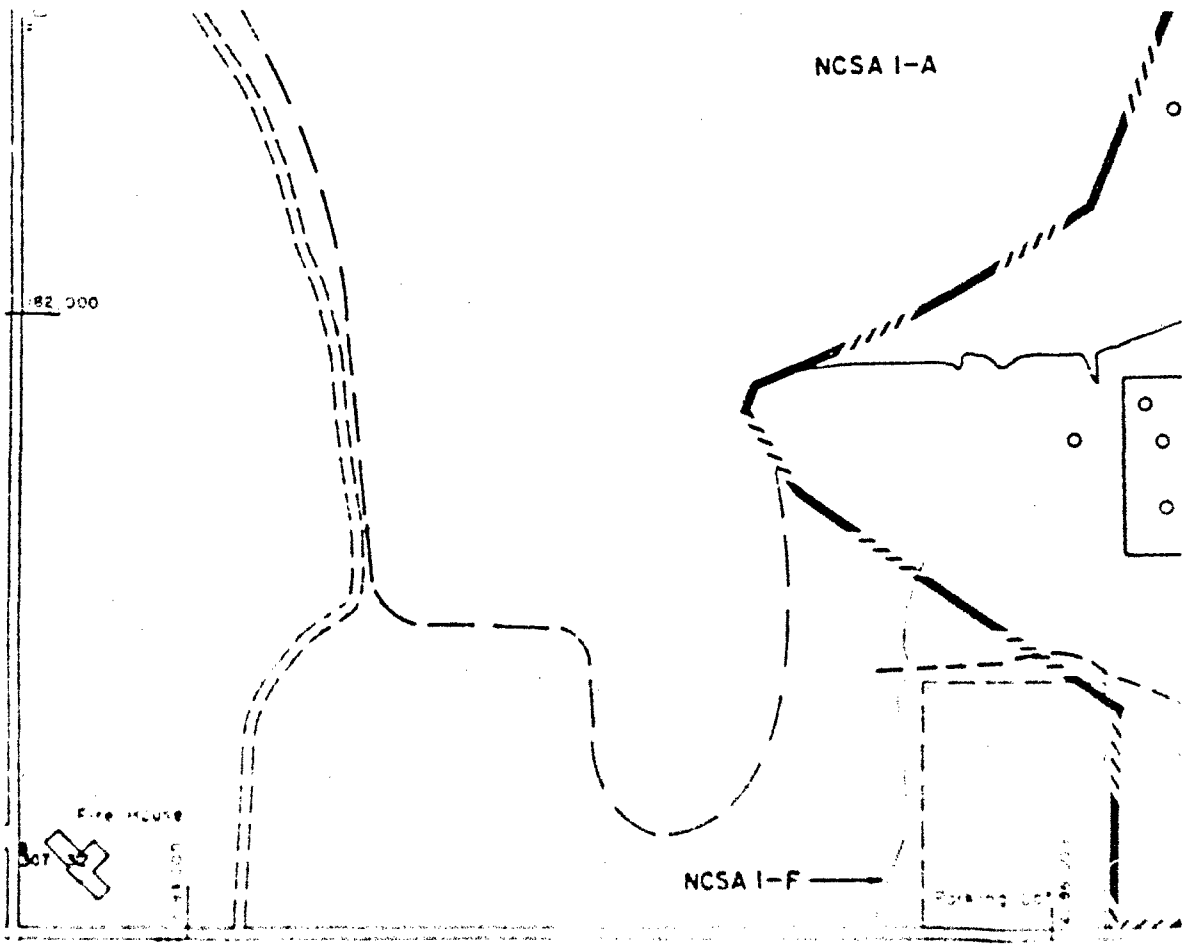
- Improved road
- Unimproved road
- Stream or ditch
- Shore line
- 9 — Section number
- 186,000 — State plane grid
- Structure
- Railroad tracks
- Former structure
- Central Study Area boundary
- Arsenal boundary
- CSA 1-C — Site boundary
- Sanitary sewer
- 8 — Geophysical anomaly
- Chemical sewer

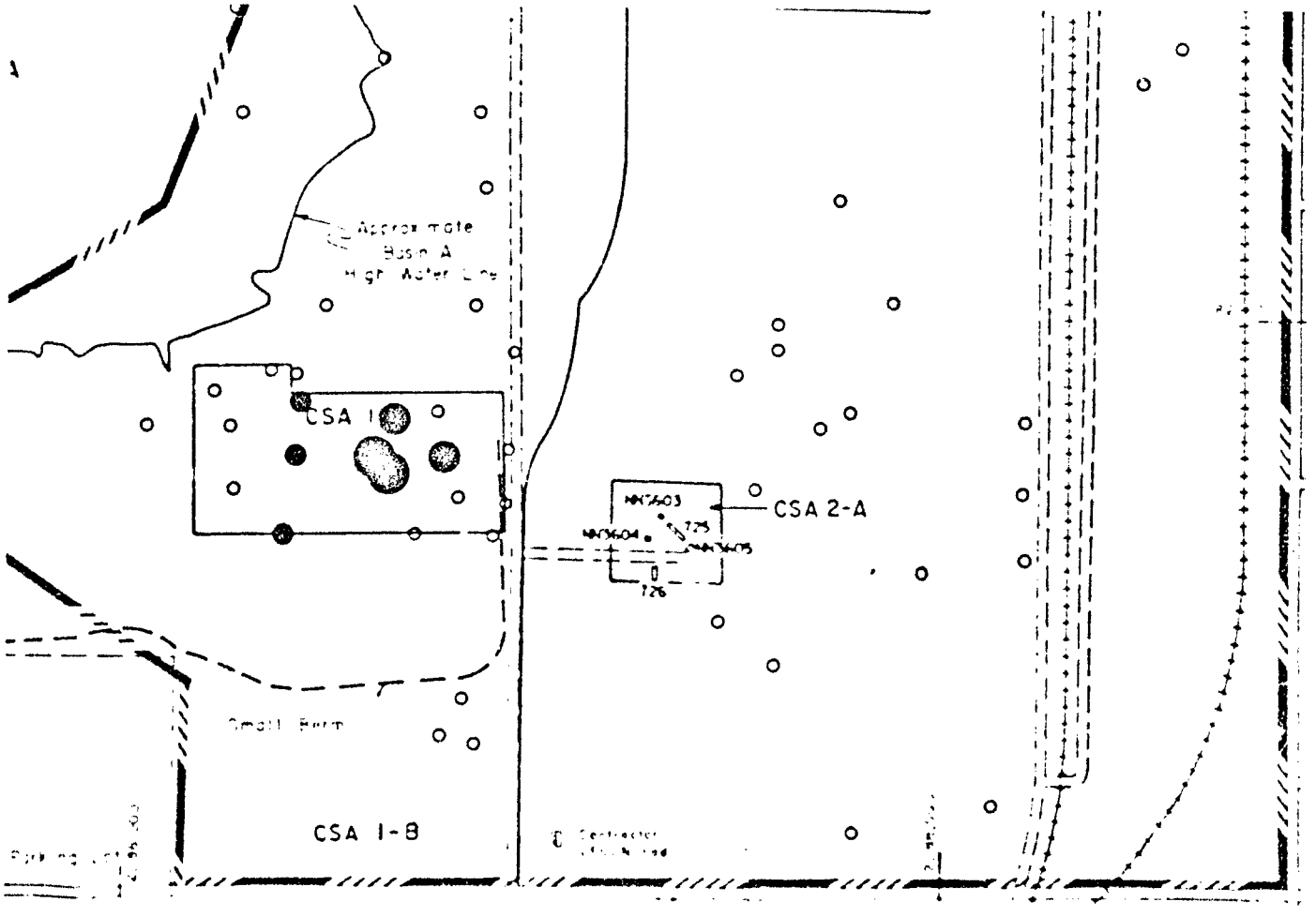
ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

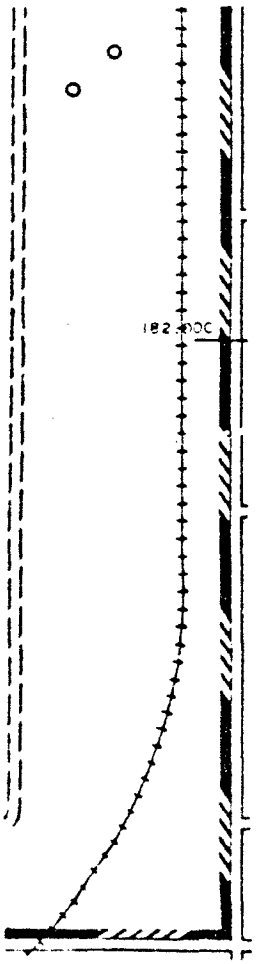
- o Below Certified Reporting Limit (BCRL)
- • 0.30 - 1.0
- ● 1.0 - 10
- ● 10 - 100
- ● >100


NCSA I-C
Earthen Dam
Basin A
"D" Street
NCSA I-A
NCSA I-F

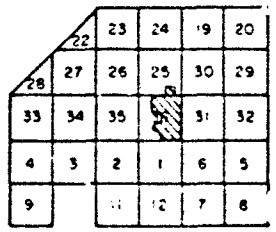

CSA 4
CSA 1-C
CSA 2-A
CSA 1-B
Abandoned Sewer Line
36
Approximate Base A High Water Line
Small Berm


NCSA I-A
NCSA I-F

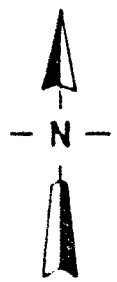

Approx mate
Basin A
CSA 1
CSA 2-A
CSA 1-B

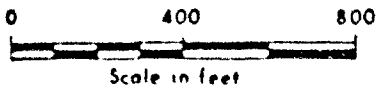


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





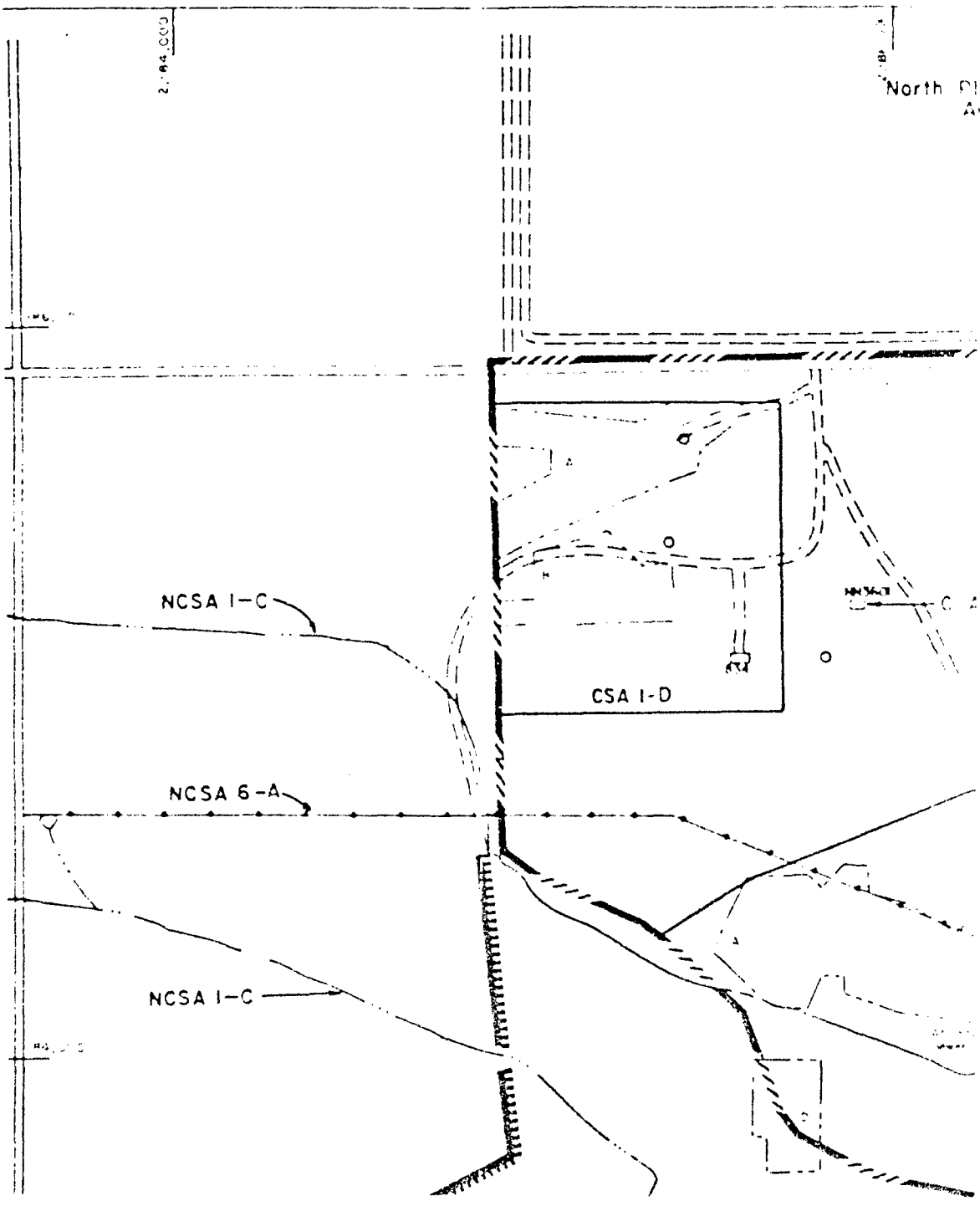
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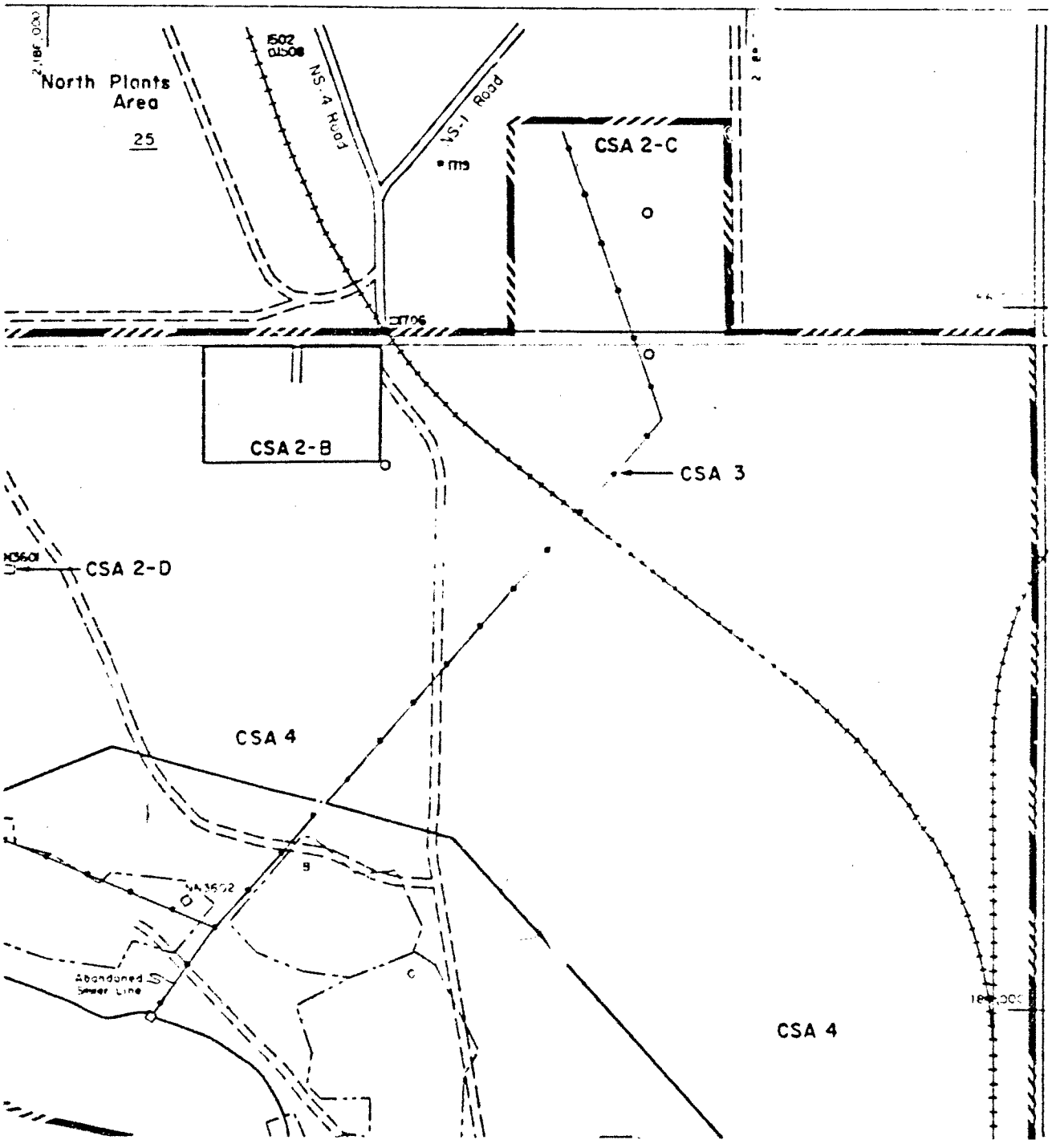
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

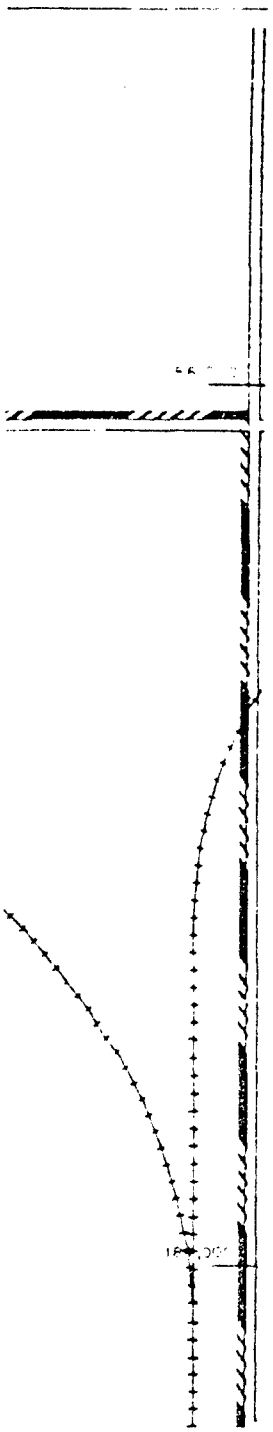
PLATE CSA 2.1-12

Volatile Hydrocarbons in Soils
in the 5-20 ft. Interval

Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated


NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C


North Plants Area
25
N.S. 4 Road
N.S. 1 Road
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4
Abandoned Sewer Line

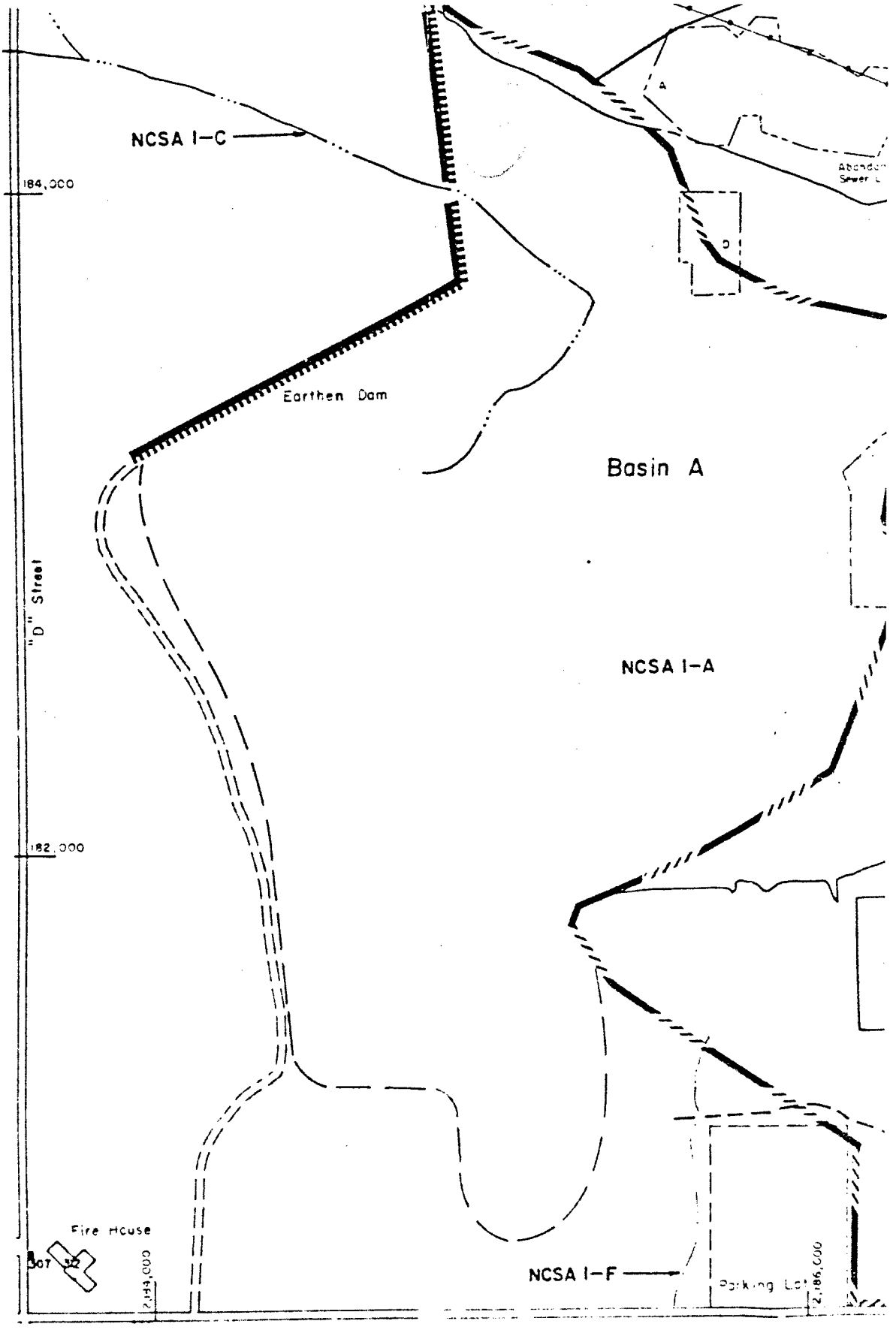


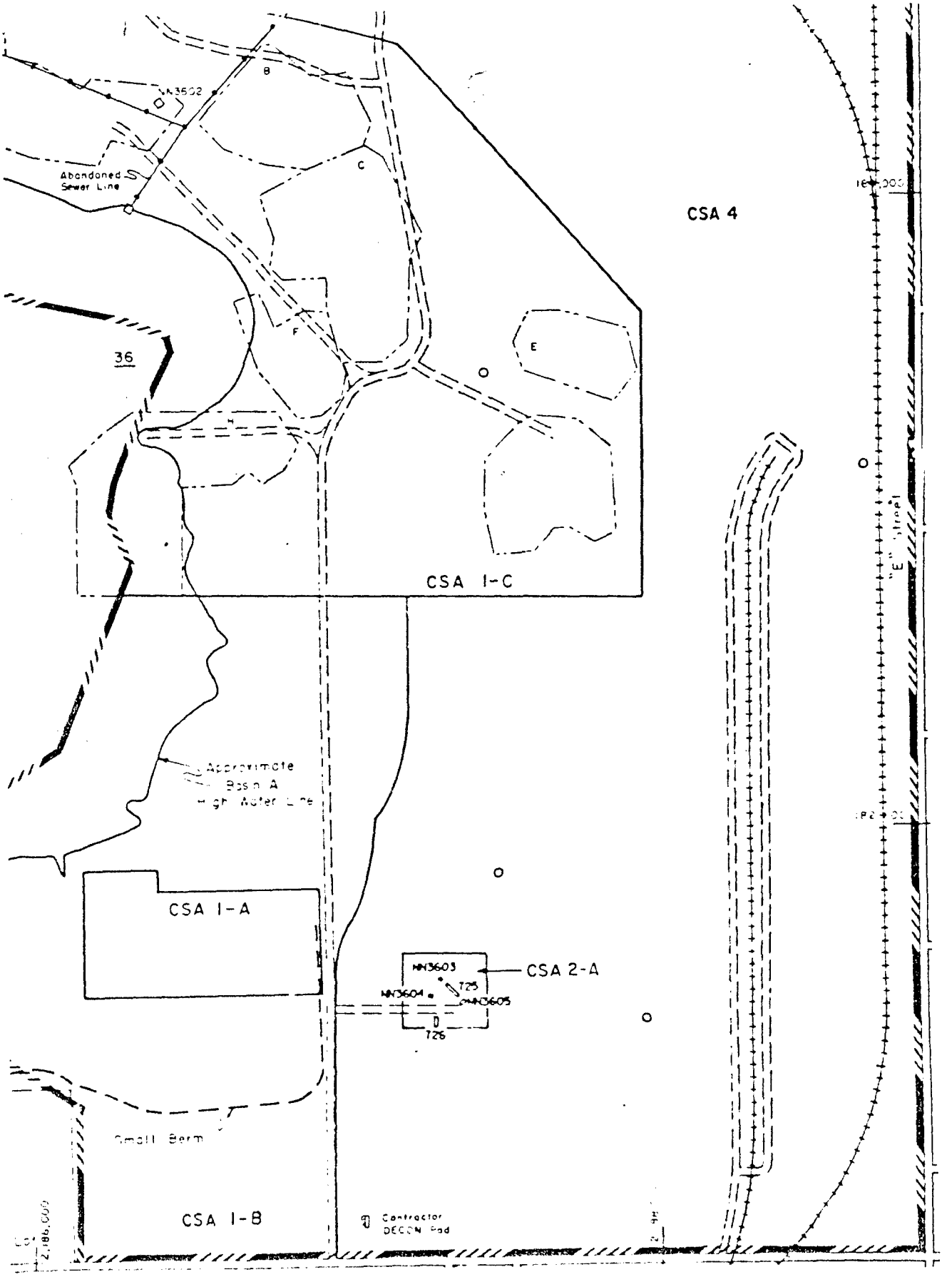
Legend

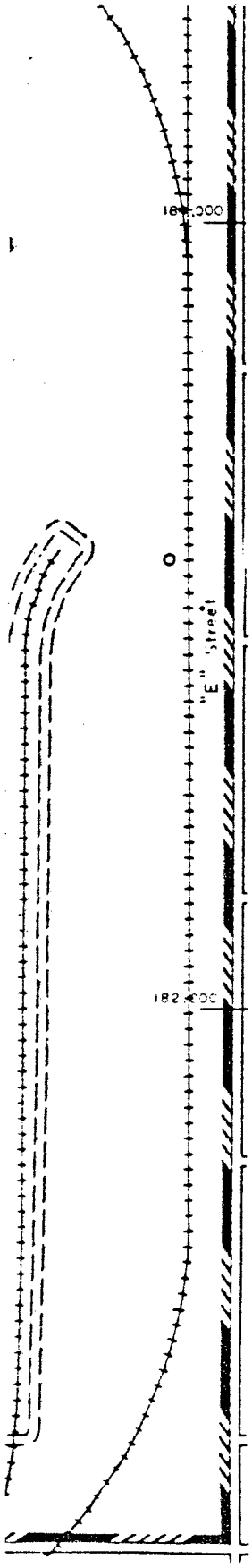
- Improved road
- Unimproved road
- Stream or ditch
- Shore line
- 9 — Section number
- 186,000 — State plane grid
- Structure
- Railroad tracks
- Former structure
- Central Study Area boundary
- Arsenal boundary
- CSA 1-C — Site boundary
- Sanitary sewer
- 8 — Geophysical anomoly
- Chemical sewer

ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

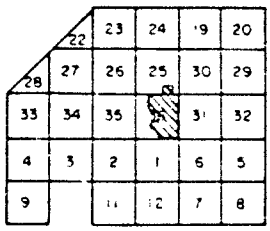
- o Below Certified Reporting Limit (BCRL)
- ● 0.30 - 1.0
- ● 1.0 - 10
- ● 10 - 100
- ● >100


NCSA I-C
184,000
Earthen Dam
Basin A
"D" Street
NCSA I-A
182,000
Fire House
NCSA I-F
Parking Lot
2,186,600
2,186,000

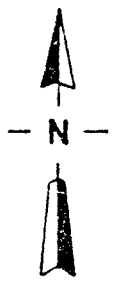

CSA 4
CSA 1-C
CSA 1-A
CSA 1-B
CSA 2-A
MW3602
MW3603
MW3604
MW3605
B
C
D
E
F
726
725
36
Abandoned Sewer Line
Small Berm
Contractor DECON Pad
"E" Street

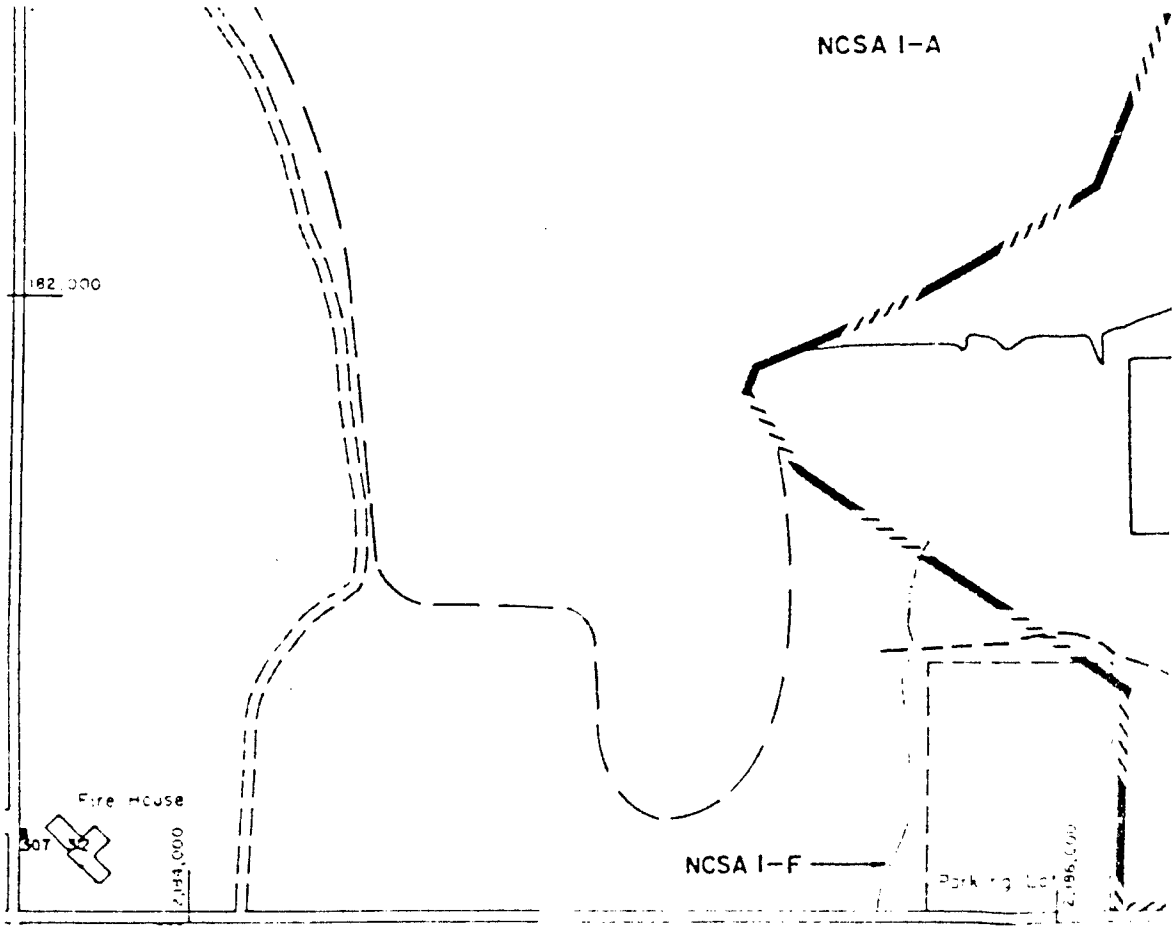


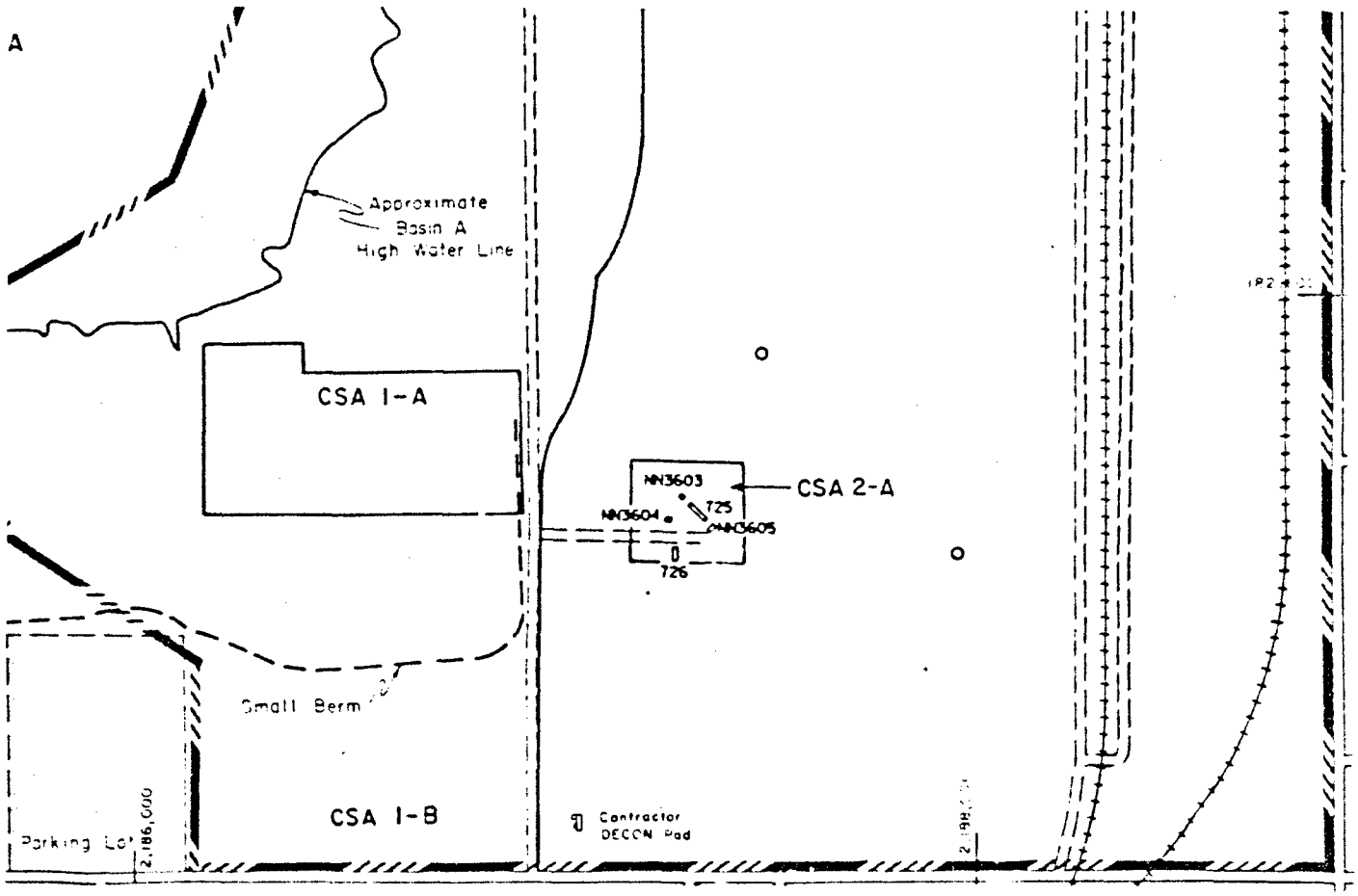
ROCKY MOUNTAIN ARSENAL
LOCATION

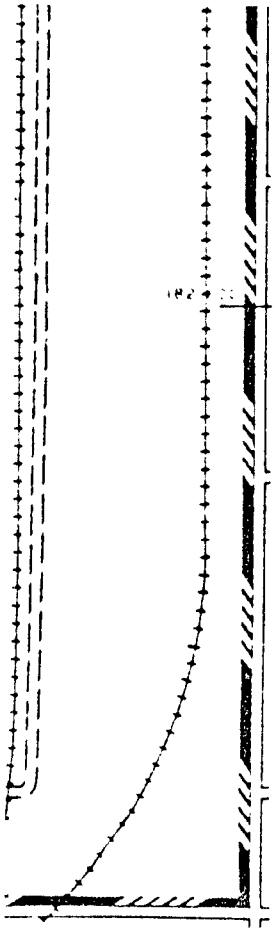


1" = 4 MILES

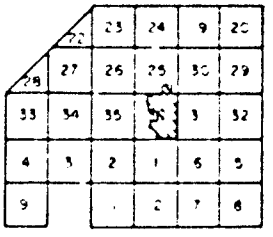



NCSA I-A
182,000
Fire House
307
NCSA I-F

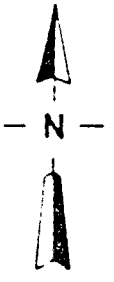

A
Approximate
Basin A
High Water Line
CSA 1-A
MN3603
CSA 2-A
MN3604
725
MN3605
726
Small Berm
CSA 1-B
Contractor
DECON Pad
Parking Lot
2,186,600

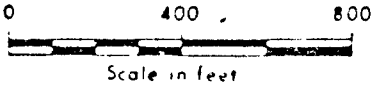


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





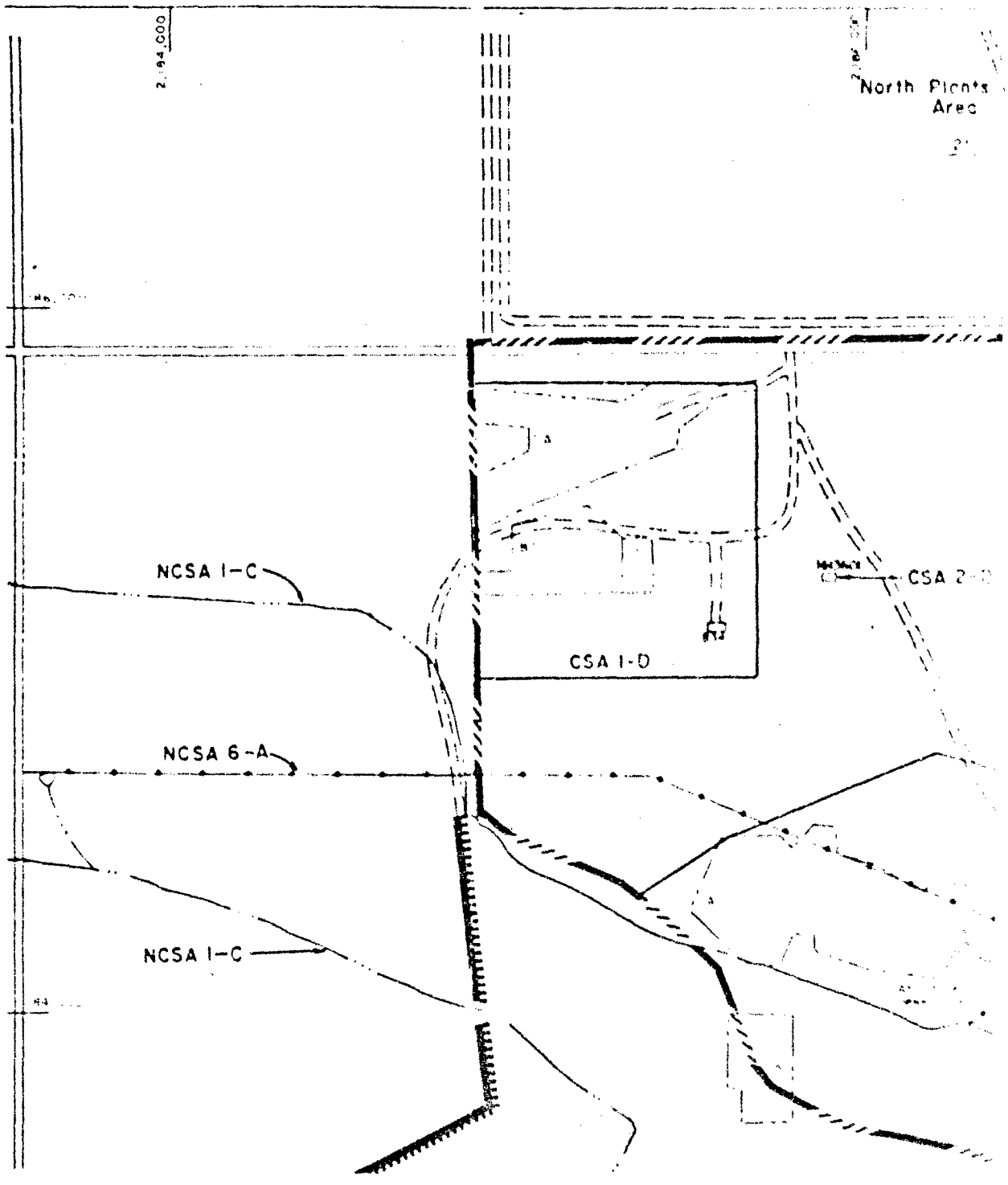
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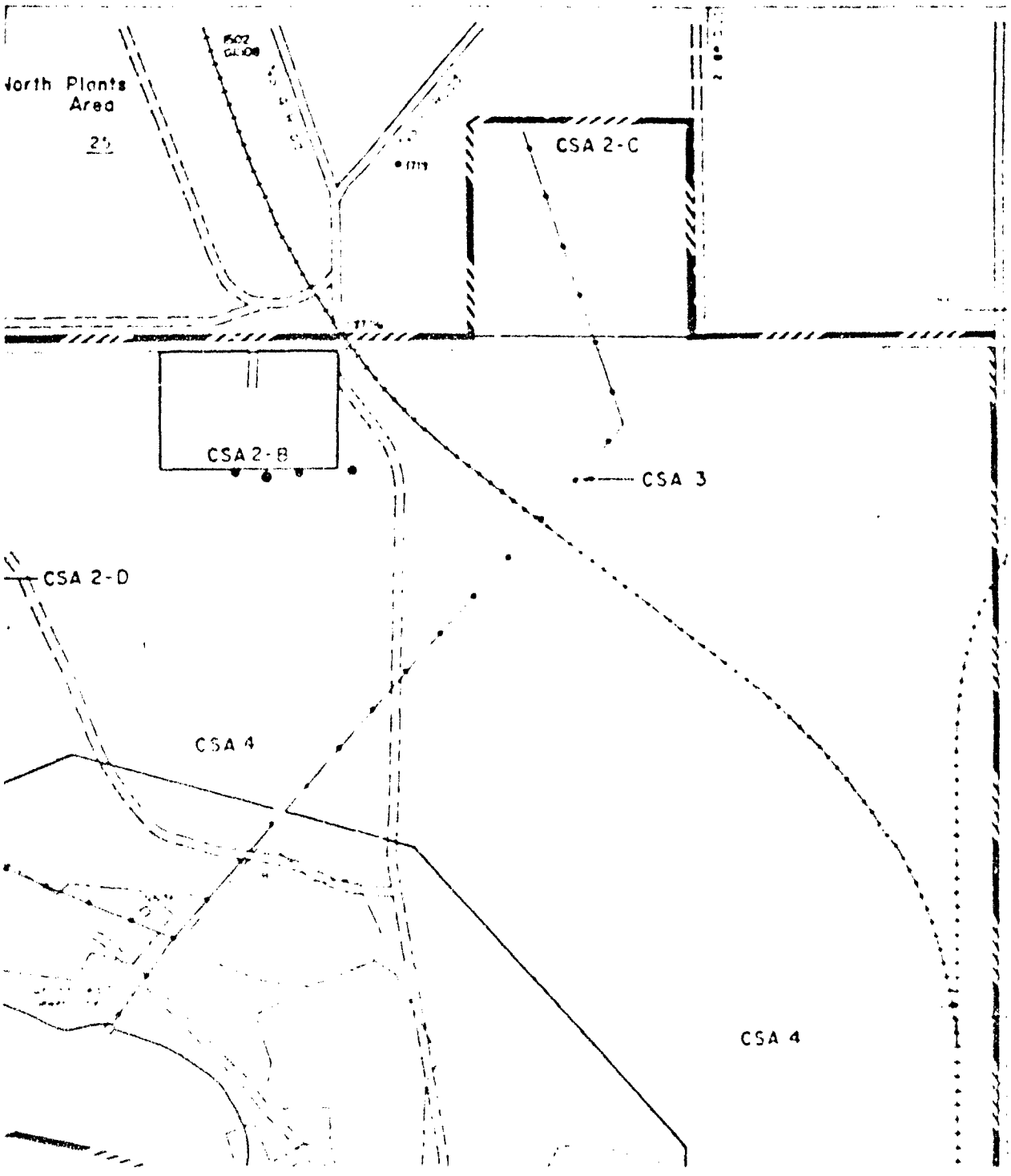
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

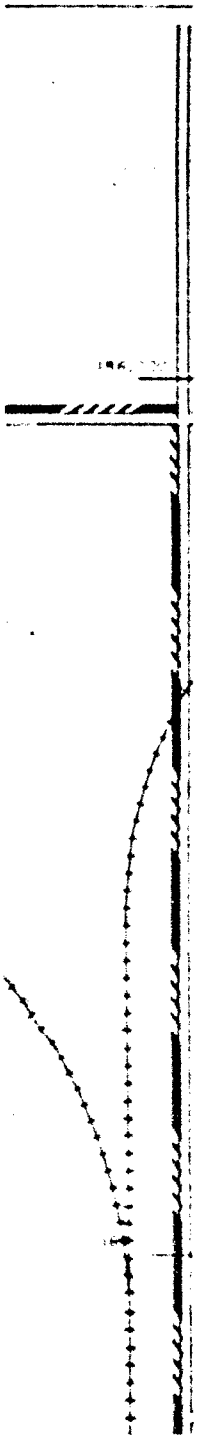
PLATE CSA 2.1-13

Volatile Hydrocarbons in Soils
in the > 20 ft. Interval

Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated


North Plants
Area
NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C


North Plants
Area
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4

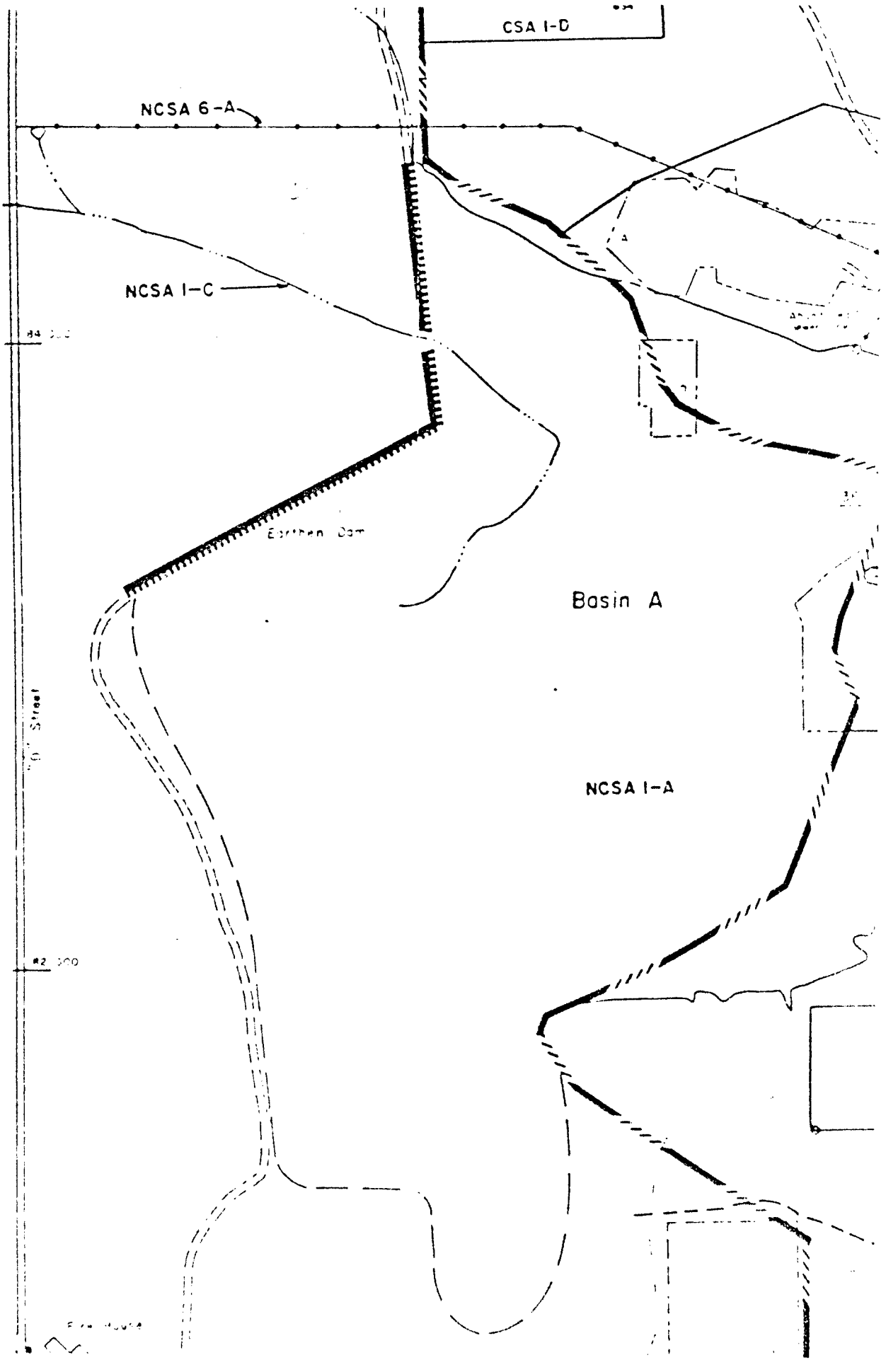


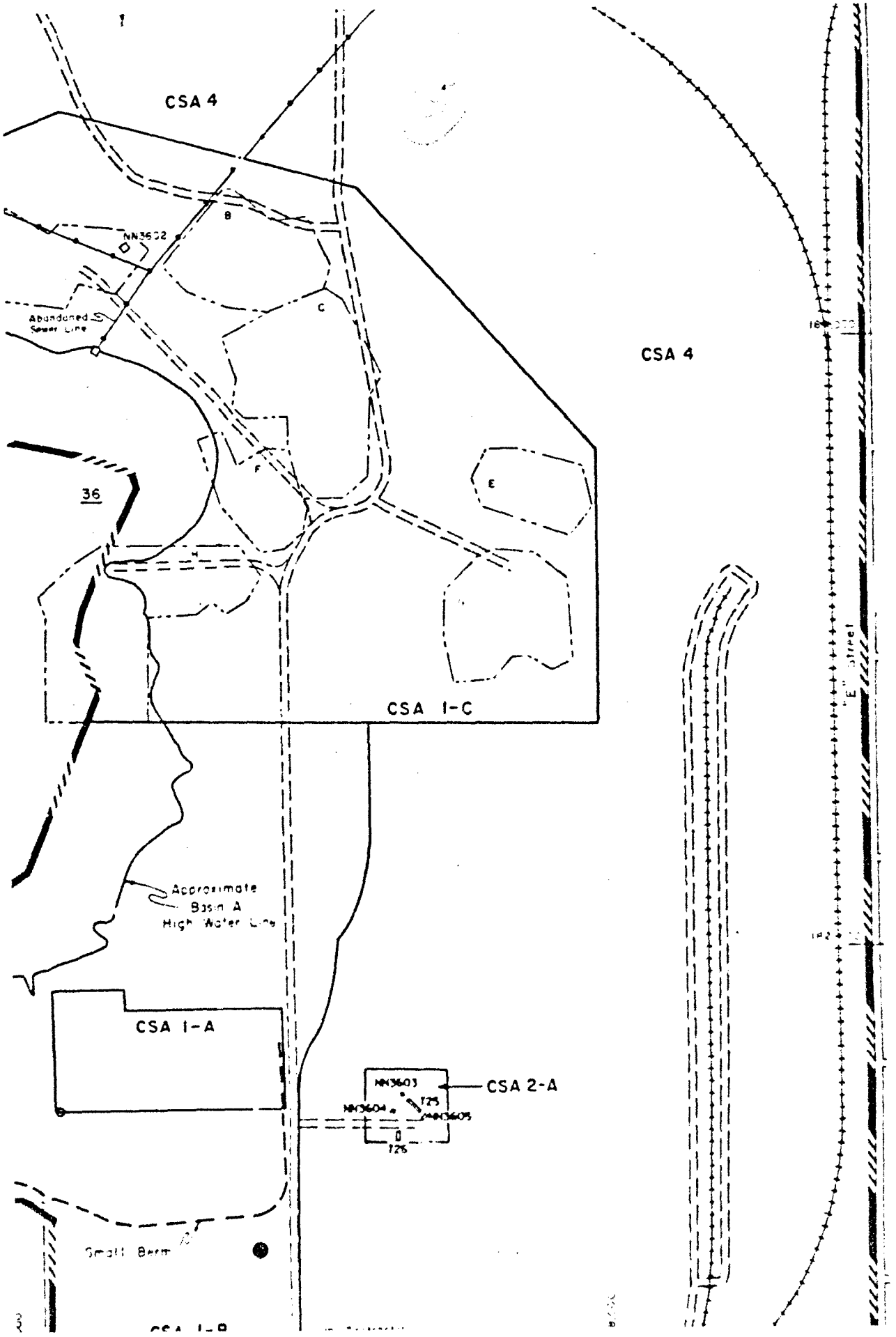
Legend

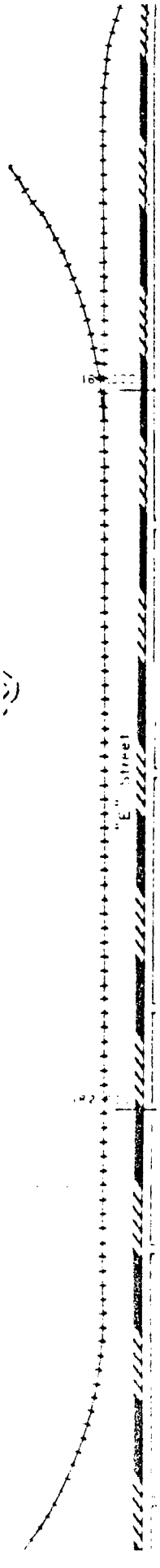
- Improved road
- Unimproved road
- Stream or ditch
- Shore line
- 9 — Section number
- 186,000 — State plane grid
- Structure
- Railroad tracks
- Former structure
- Central Study Area boundary
- Arsenal boundary
- CSA 1-C — Site boundary
- Sanitary sewer
- B — Geophysical anomaly
- Chemical sewer

ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

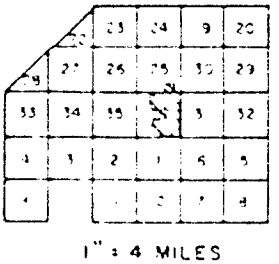
- o Below Certified Reporting Limit (BCRL)
- • 0.43 - 1.0
- ● 1.0 - 10
- ● 10 - 100
- ● >100


CSA I-D
NCSA 6-A
NCSA I-C
Basin A
NCSA I-A

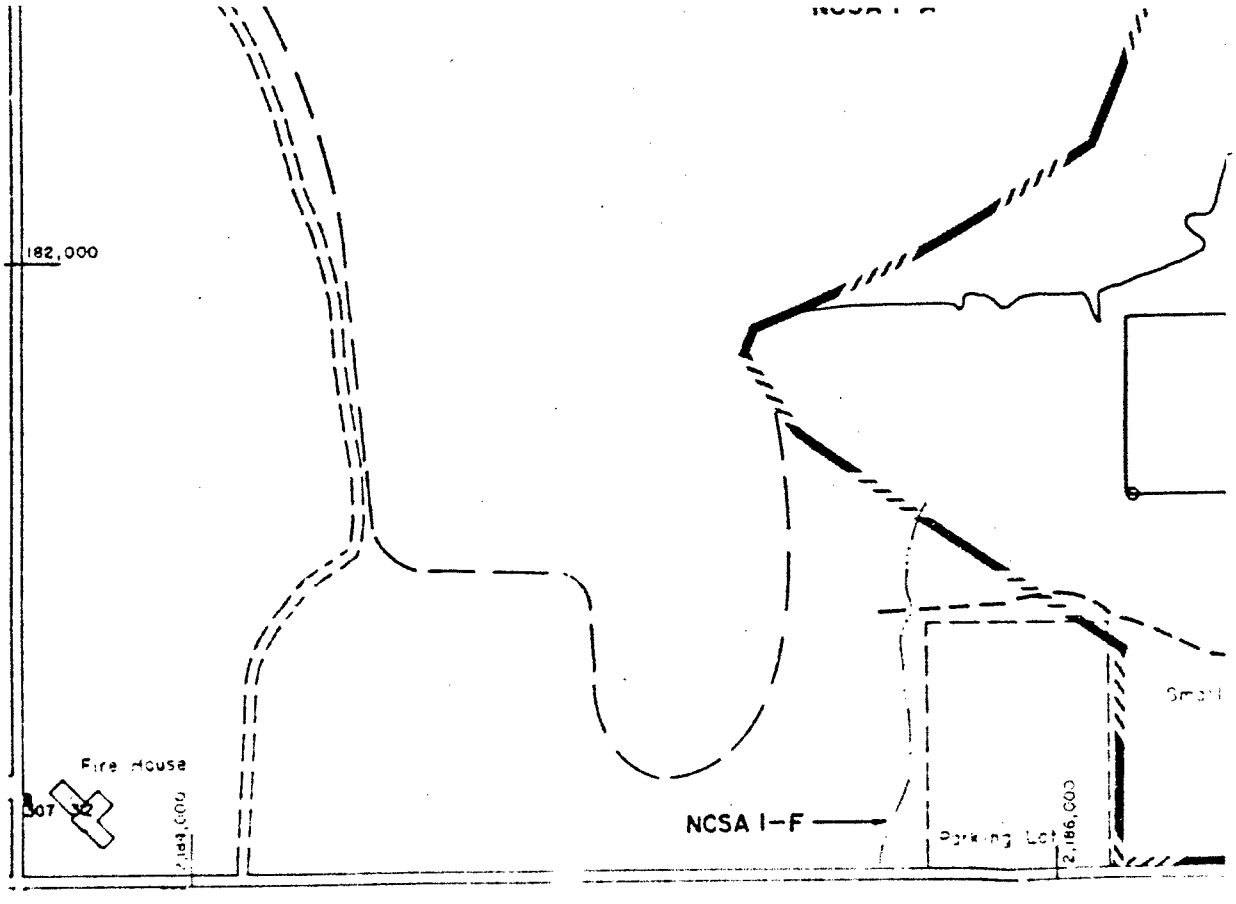

CSA 4
NN3602
B
C
Abandoned Sewer Line
CSA 4
36
F
E
CSA 1-C
"E" Street
Approximate Basin A High Water Line
CSA 1-A
NN3603
CSA 2-A
NN3604
NN3605
D
Small Berm
CSA 1-B

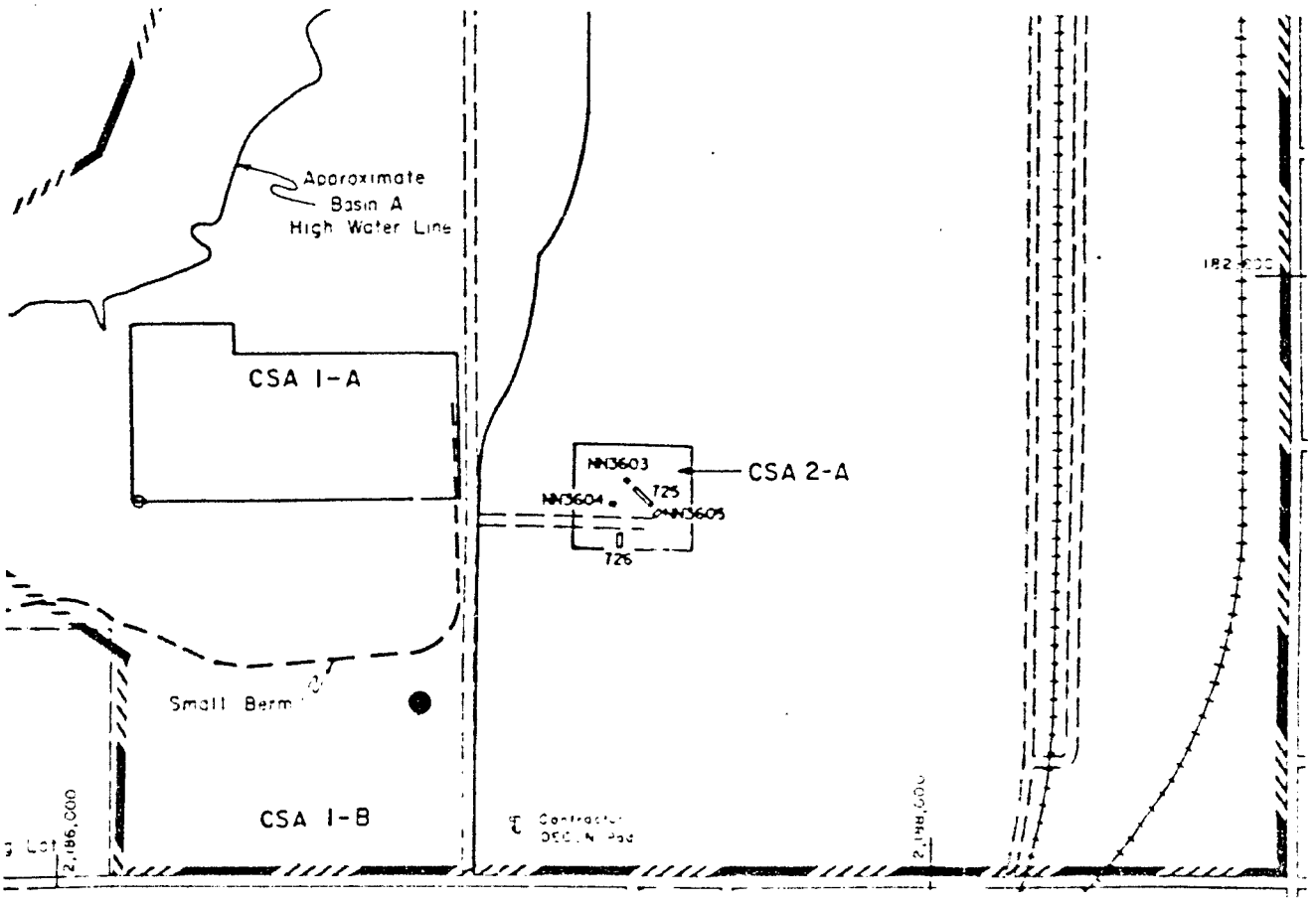


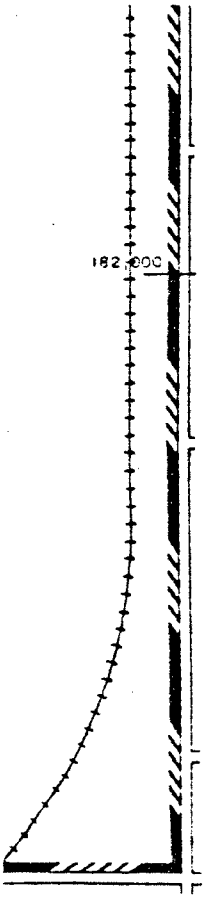
ROCKY MOUNTAIN ARSENAL
LOCATION



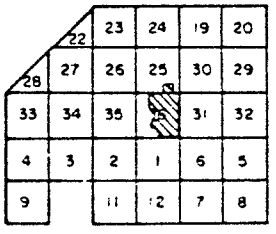
1" = 4 MILES


182,000
Fire House
307
302
NCSA I-F
Parking Lot
2,186,000

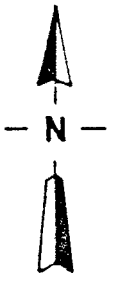

Approximate
Basin A
High Water Line
CSA 1-A
CSA 2-A
MW3603
MW3604
MW3605
725
726
Small Berm
CSA 1-B
2,186,000
2,148,600

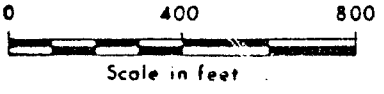


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





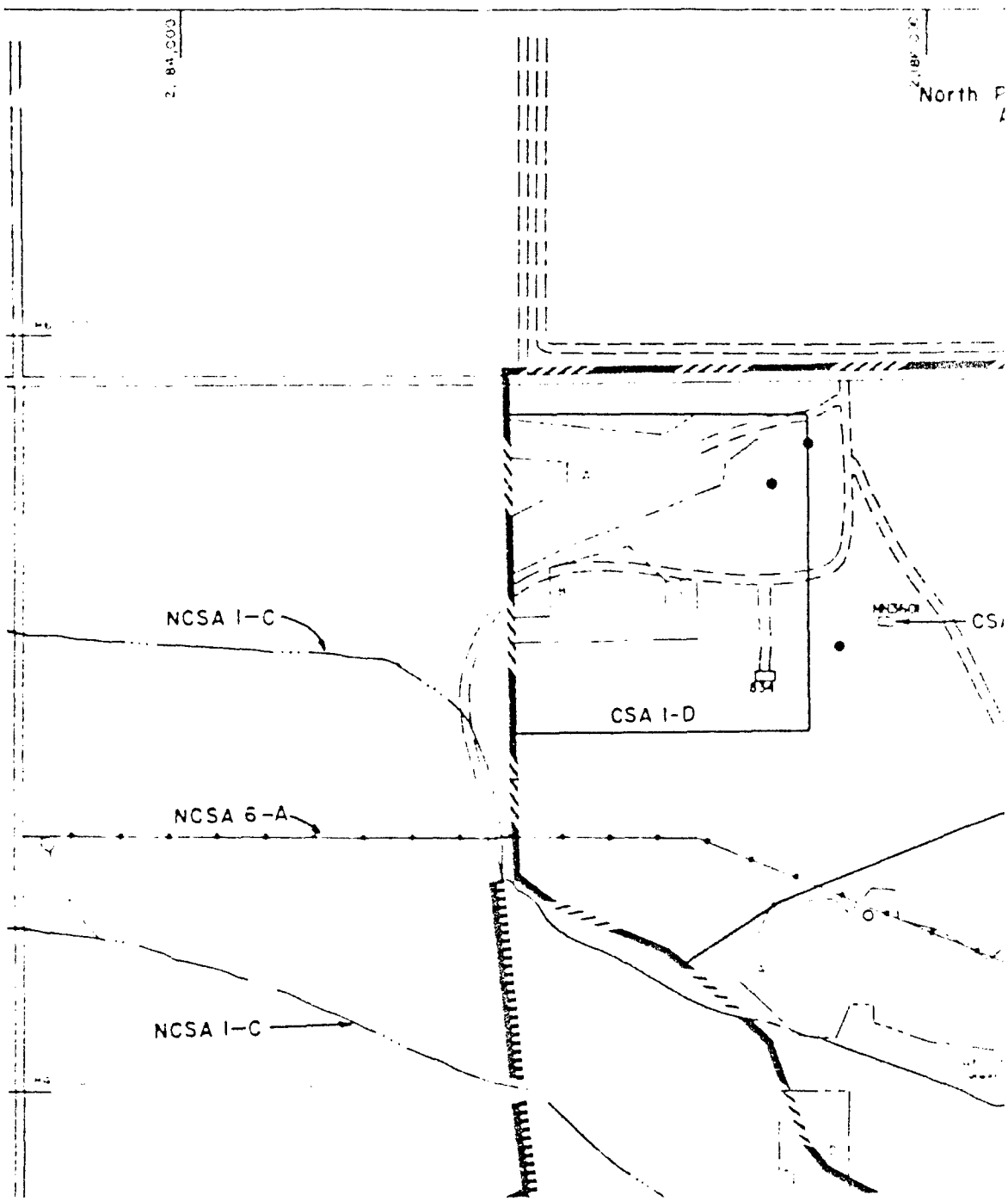
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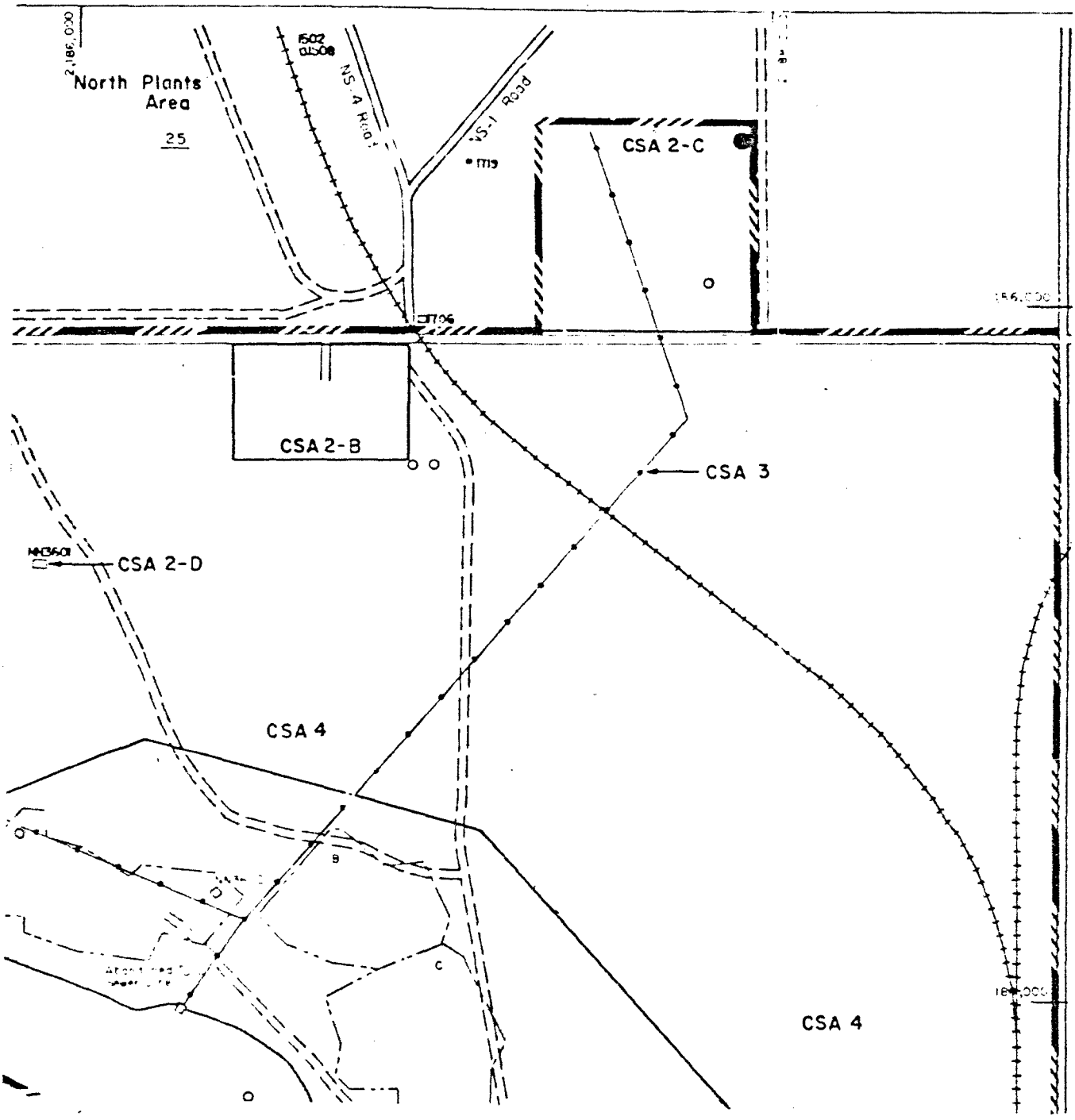
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

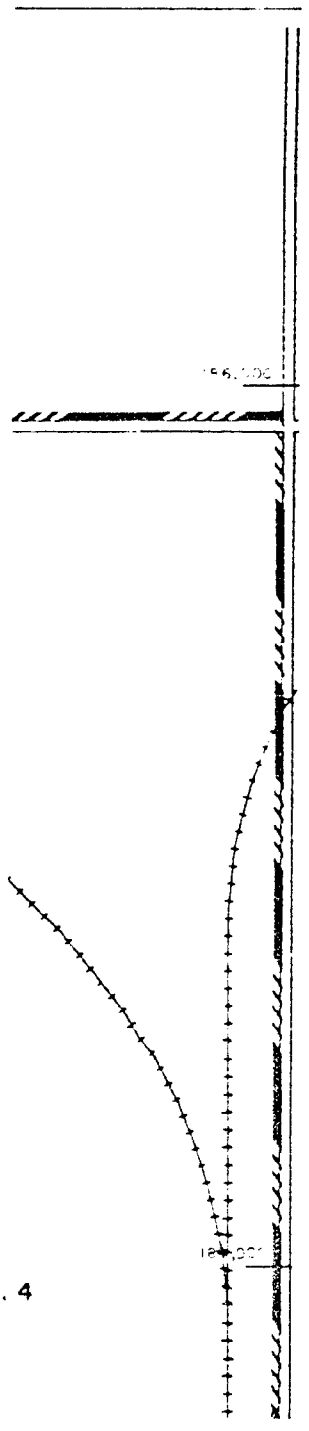
PLATE CSA 2.1-14

Volatile Aromatic Organic Compounds
in Soils in the 0-2 ft. Interval

Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated


NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C


North Plants Area
25
NS-4 Road
US-1 Road
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4

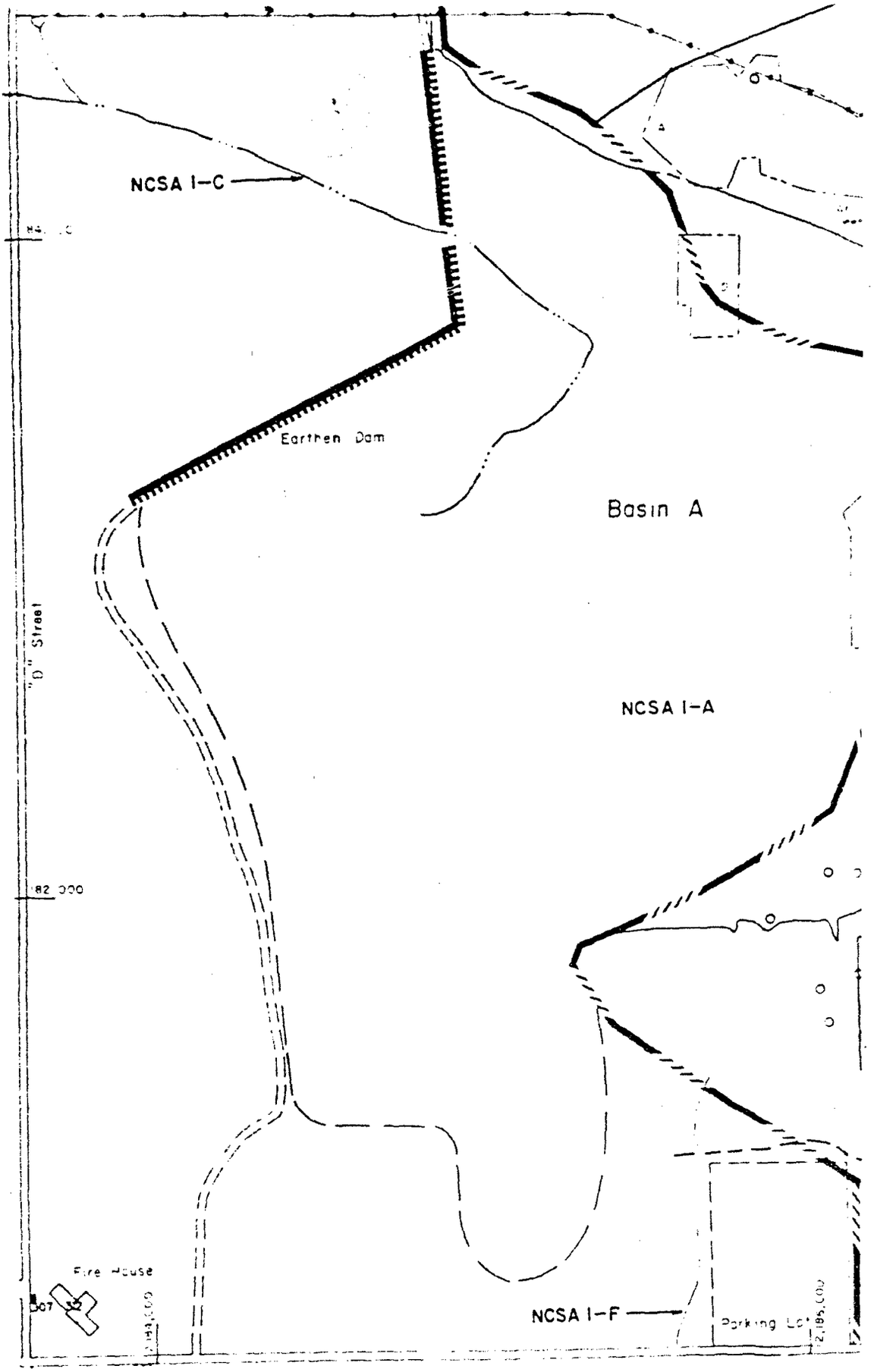


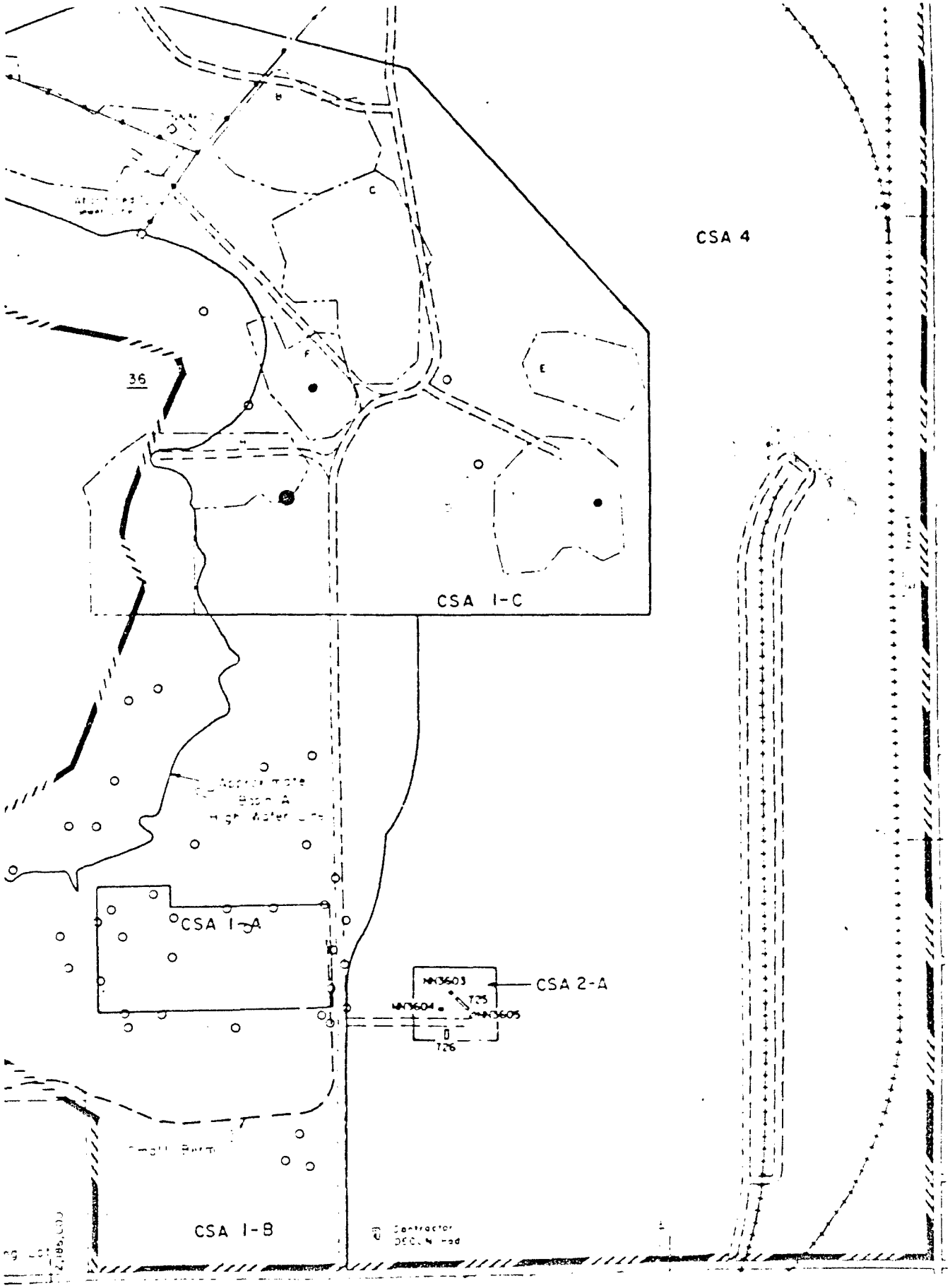
Legend

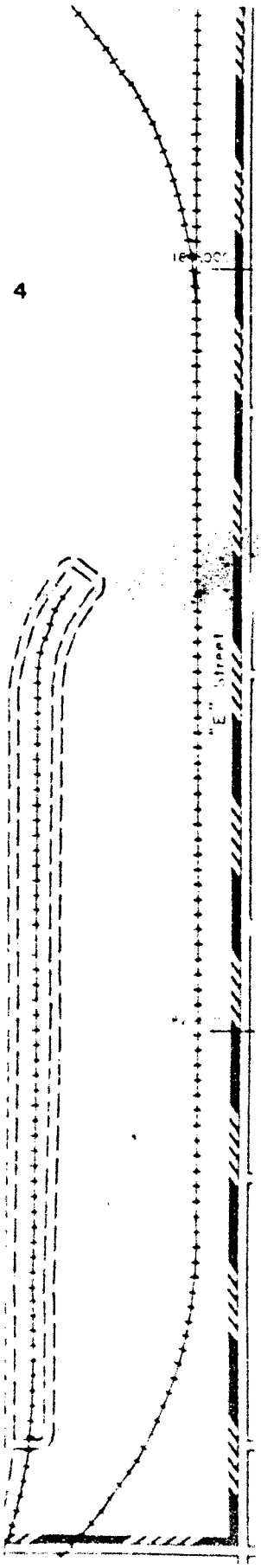
- Improved road
- Unimproved road
- Stream or ditch
- Shore line
- 9 — Section number
- 186,000 — State plane grid
- Structure
- Railroad tracks
- Former structure
- Central Study Area boundary
- Arsenal boundary
- CSA 1-C — Site boundary
- Sanitary sewer
- B — Geophysical anomaly
- Chemical sewer

ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

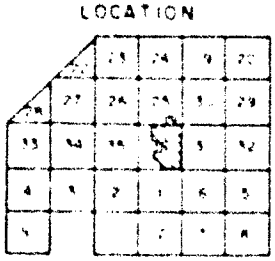
- o Below Certified Reporting Limit (BCRL)
- ● 0.43 - 1.0
- ● 1.0 - 10
- ● 10 - 100
- ● >100


NCSA I-C
Earthen Dam
Basin A
"D" Street
NCSA I-A
182.000
Fire House
NCSA I-F
Parking Lot


CSA 4
36
CSA 1-C
CSA 1-A
CSA 2-A
MW3603
MW3604
MW3605
725
726
CSA 1-B

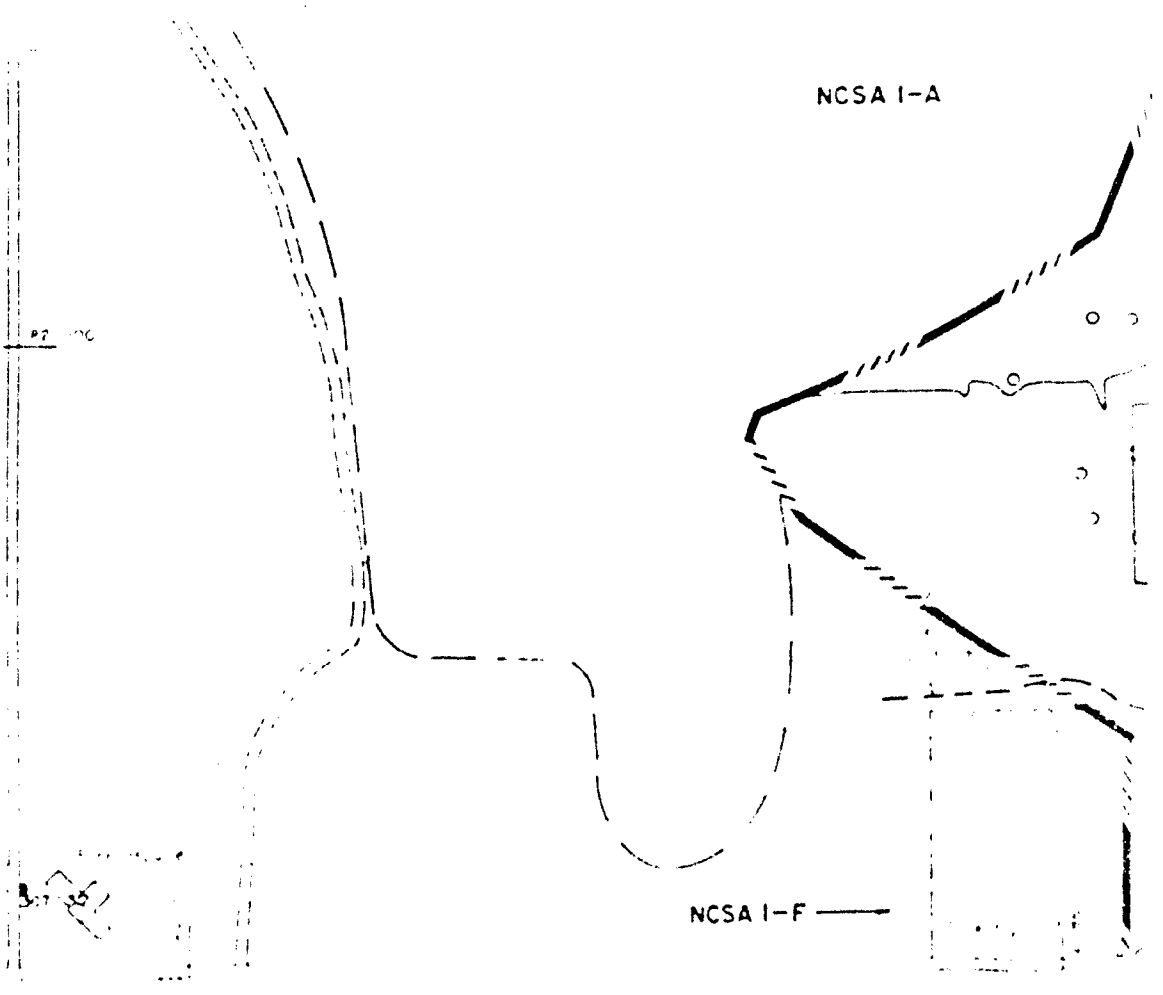


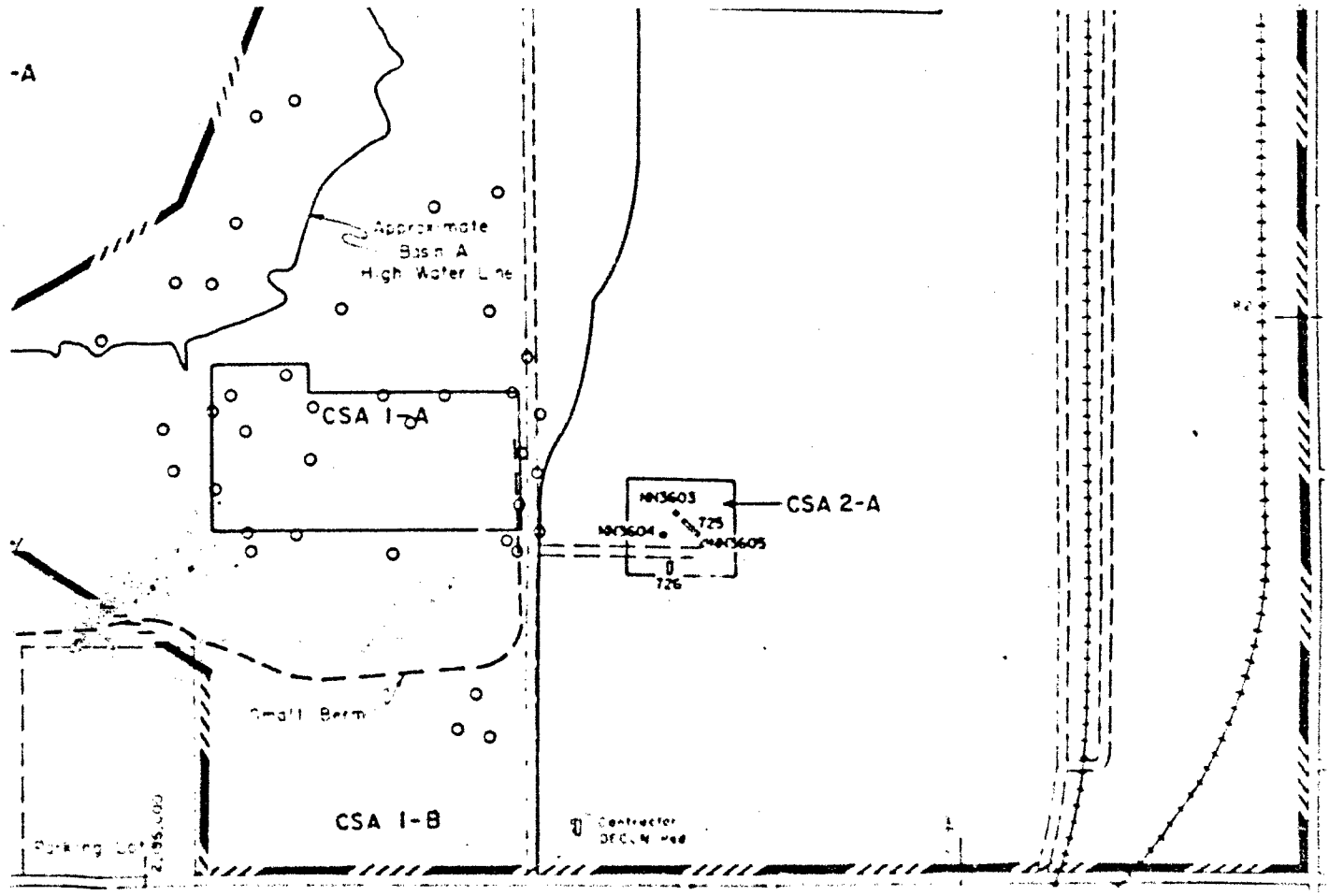
ROCKY MOUNTAIN ARSENAL
LOCATION

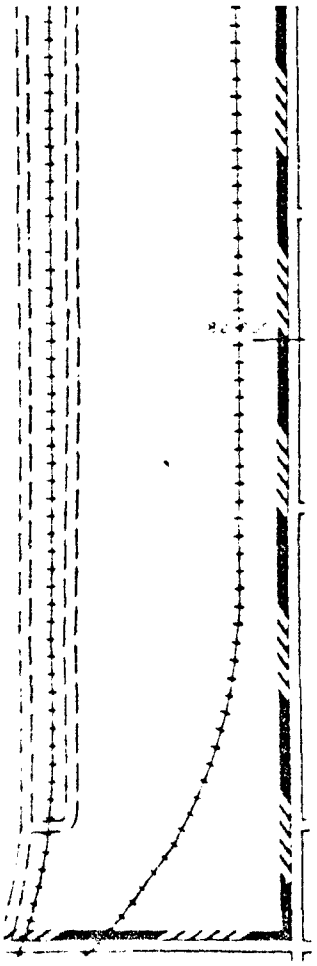


1" = 4 MILES

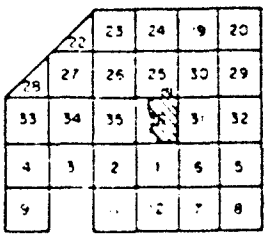



NCSA I-A
NCSA I-F

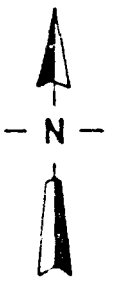

-A
Approximate
Basin A
High Water Line
CSA 1-A
MW3603
CSA 2-A
725
MW3604
MW3605
726
Small Berm
CSA 1-B
Parking Lot
2,195,000

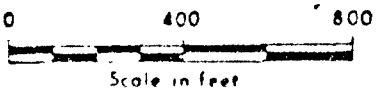


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





Prepared for:

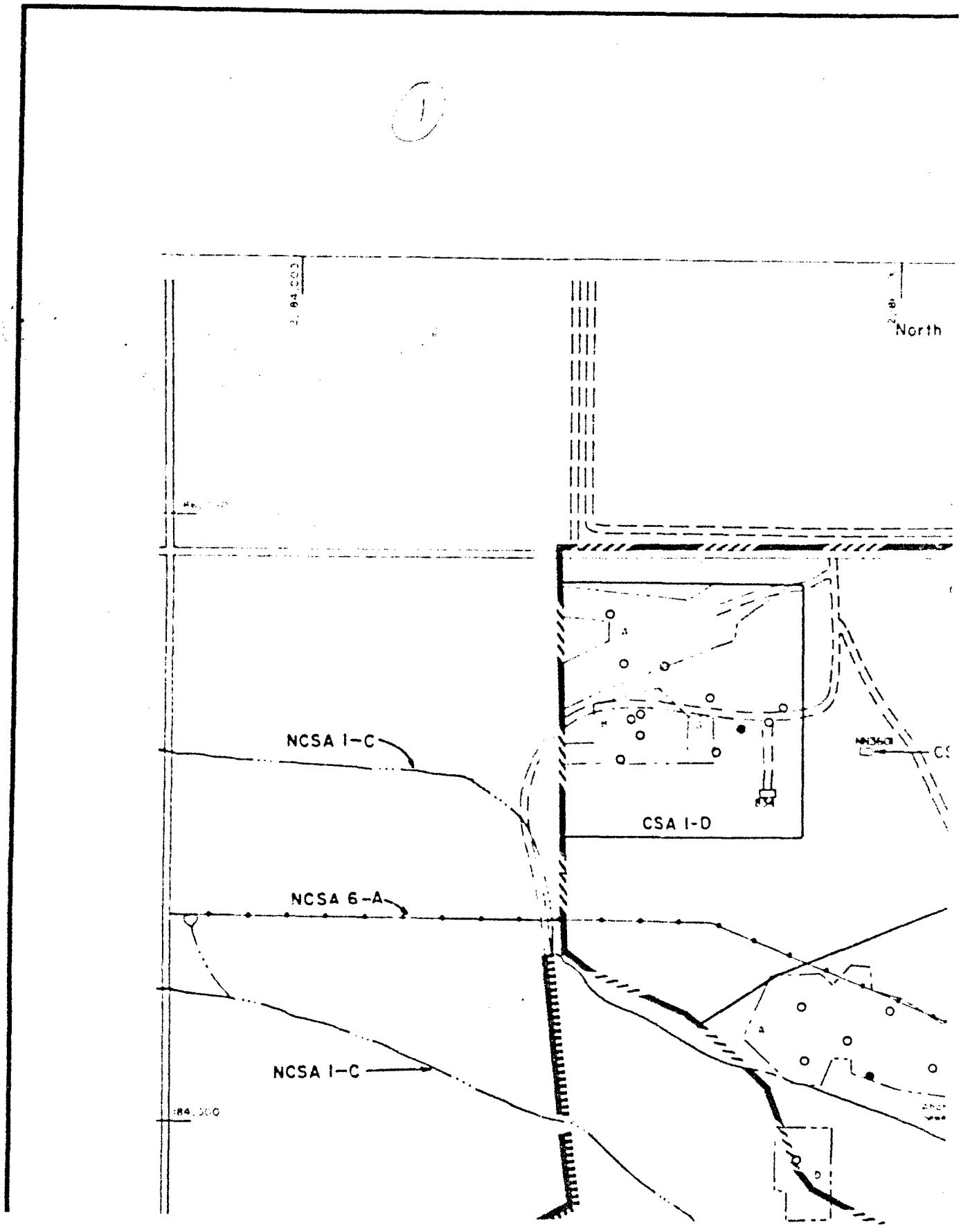
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

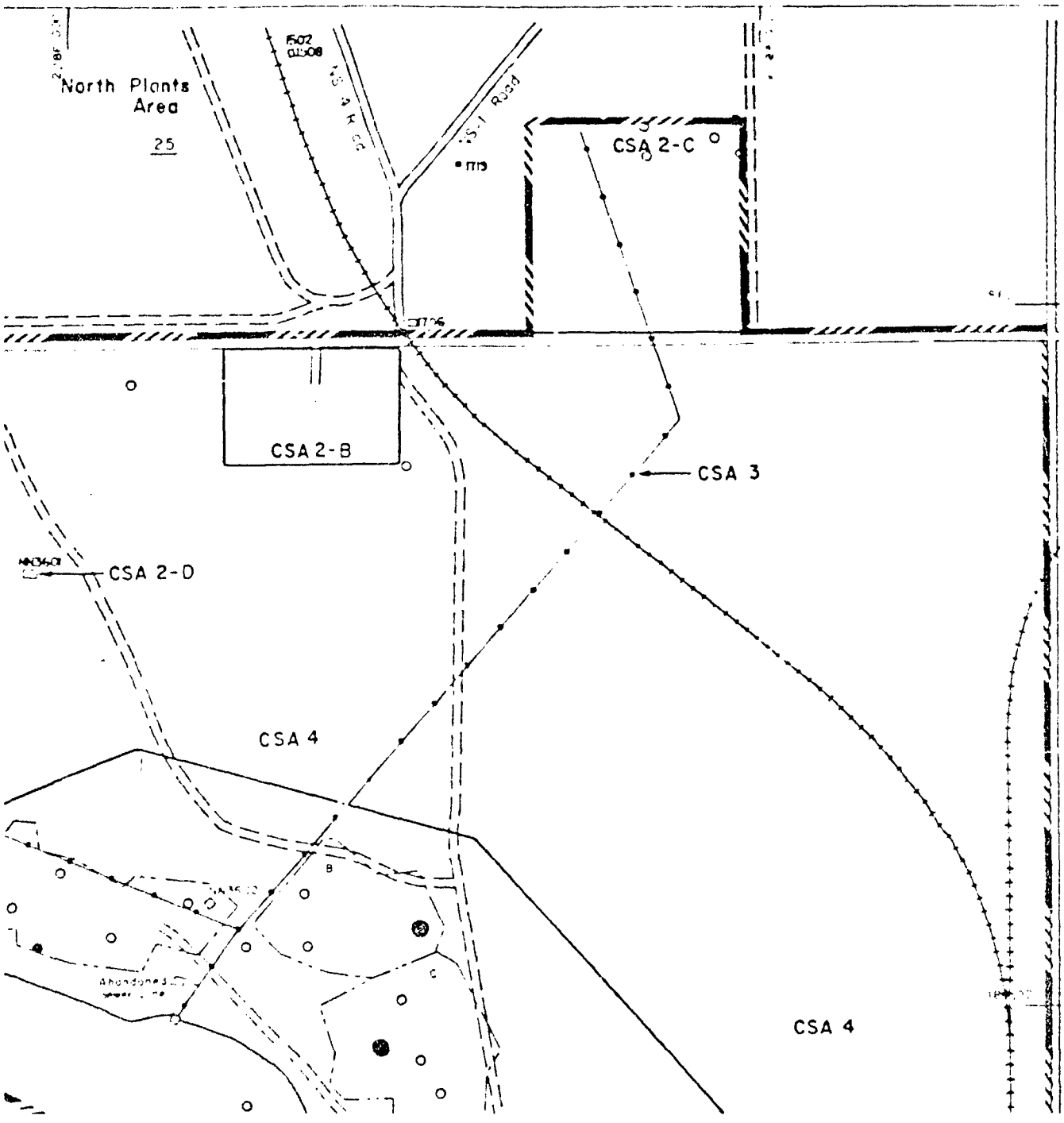
PLATE CSA 2.1-15

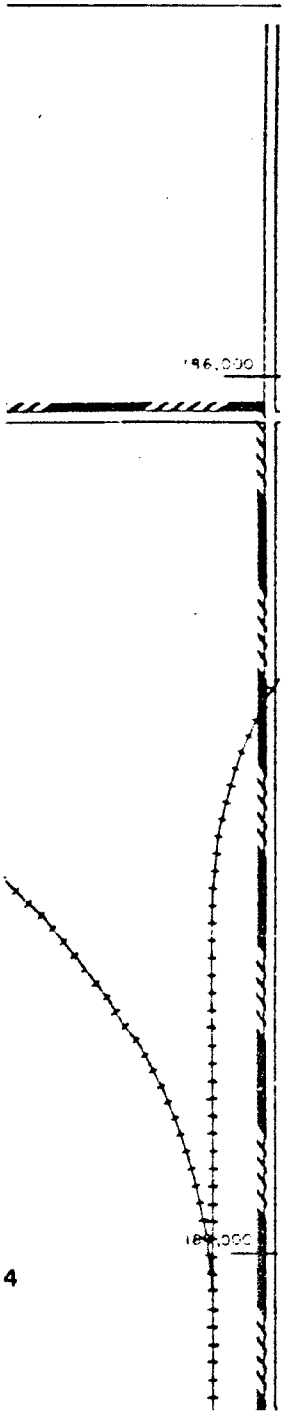
Volatile Aromatic Organic Compounds
in Soils in the 2-5 ft. Interval

Rocky Mountain Arsenal

Prepared by: Ebasco Services Incorporated


North
NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C


North Plants
Area
25
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4

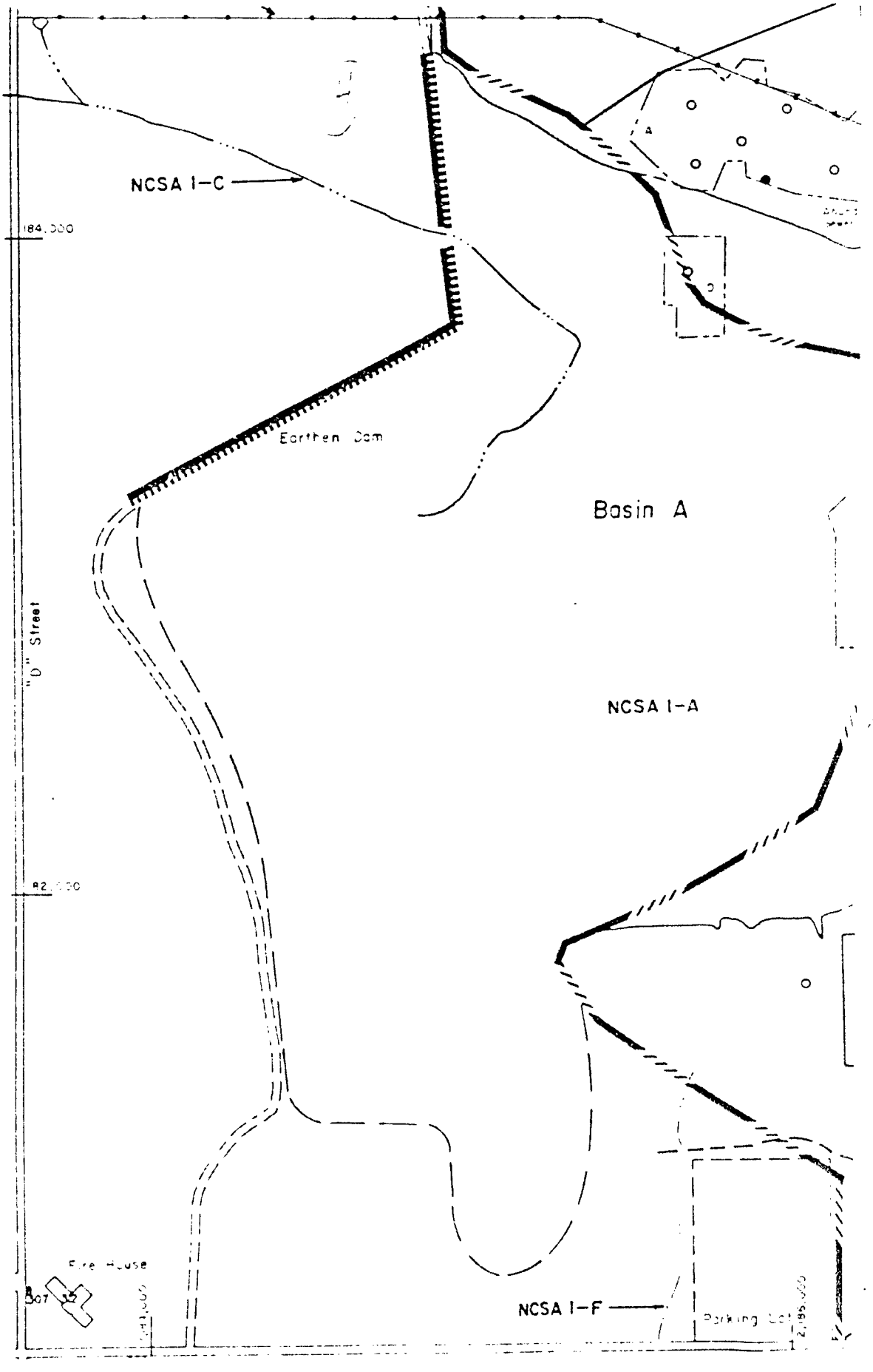


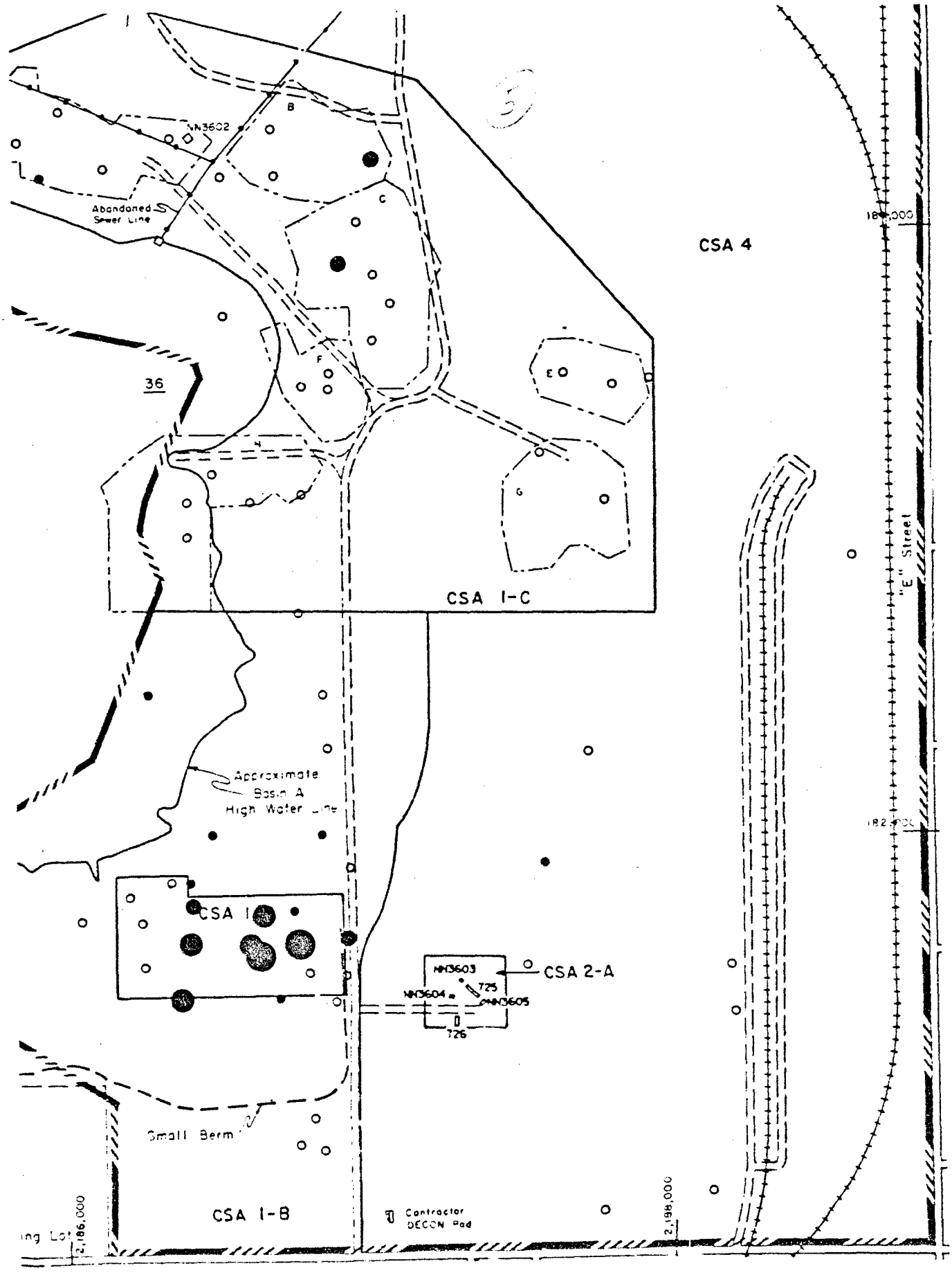
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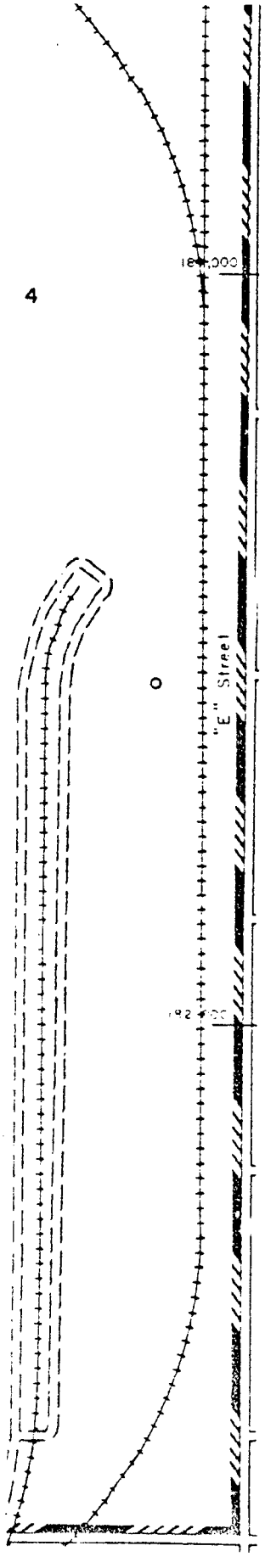
- Improved road
- Unimproved road
- Stream or ditch
- Shore line
- 9 Section number
- 186,000 State plane grid
- Structure
- Railroad tracks
- Former structure
- Central Study Area boundary
- Arsenal boundary
- CSA 1-C Site boundary
- Sanitary sewer
- B Geophysical anomoly
- Chemical sewer

ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

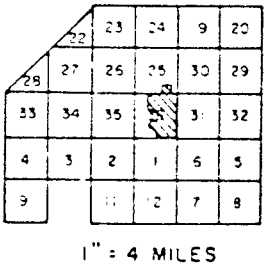
- o Below Certified Reporting Limit (BCRL)
- ● 0.43 - 1.0
- ● 1.0 - 10
- ● 10 - 100
- ● >100


NCSA I-C
184,000
Earthen Dam
Basin A
"D" Street
NCSA I-A
NCSA I-F
Parking Lot
Fire House

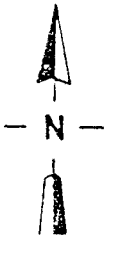

MW3602
B
C
Abandoned Sewer Line
CSA 4
36
F
E
G
CSA 1-C
"E" Street
Approximate Basin A High Water Line
CSA 1
MW3603
CSA 2-A
MW3604
725
MW3605
726
Small Berm
CSA 1-B
Contractor DECON Pad
2,186,000
2,188,000

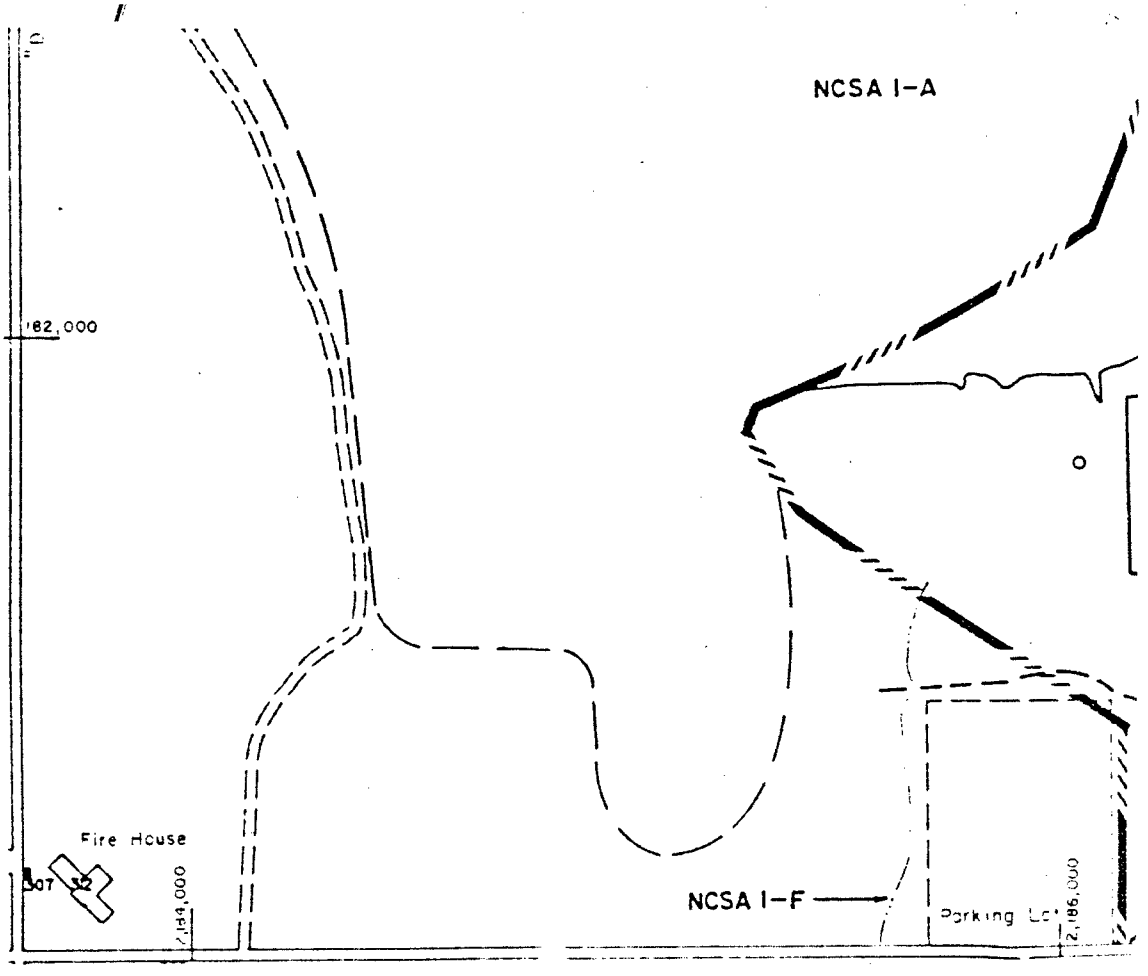


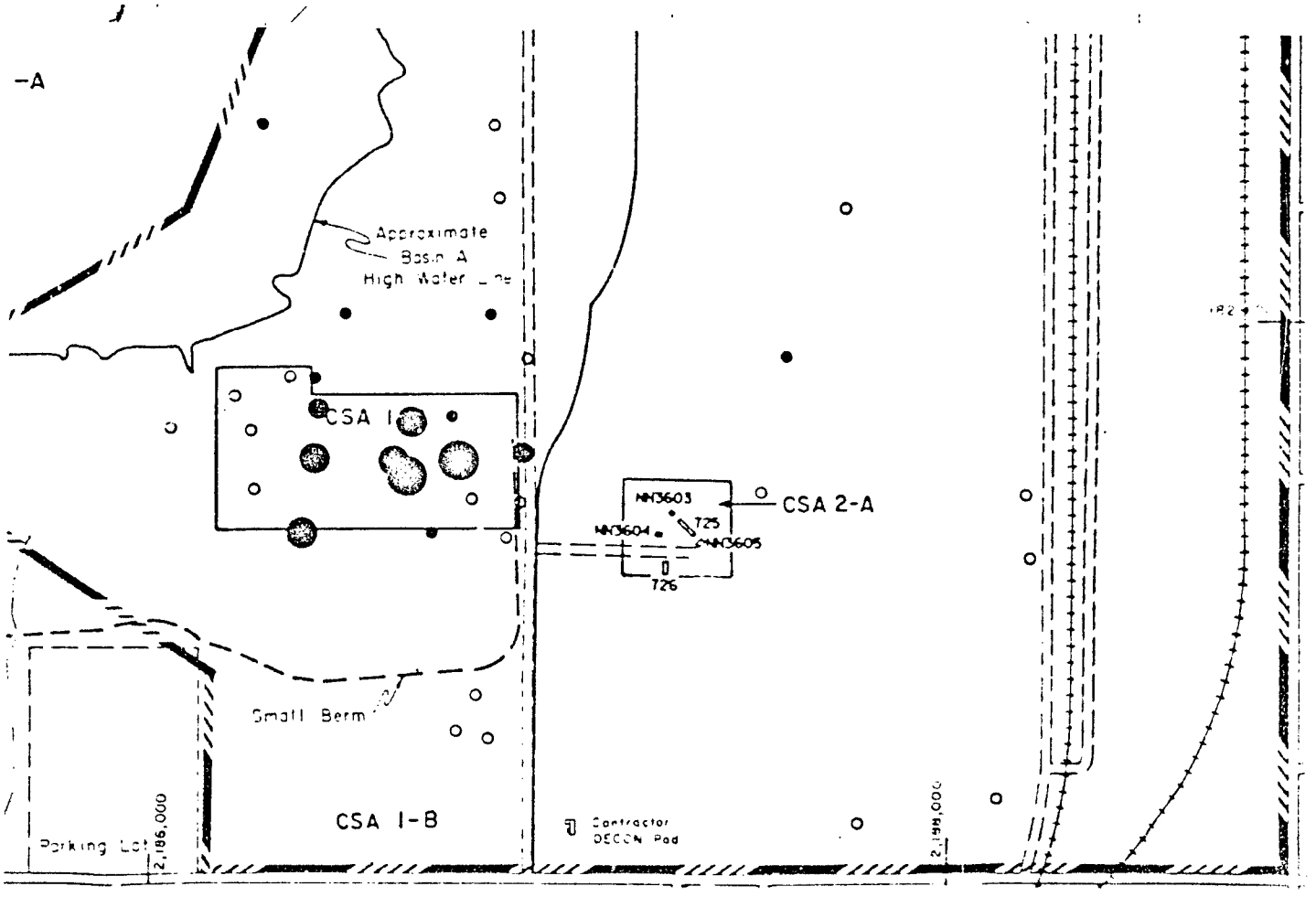
ROCKY MOUNTAIN ARSENAL
LOCATION

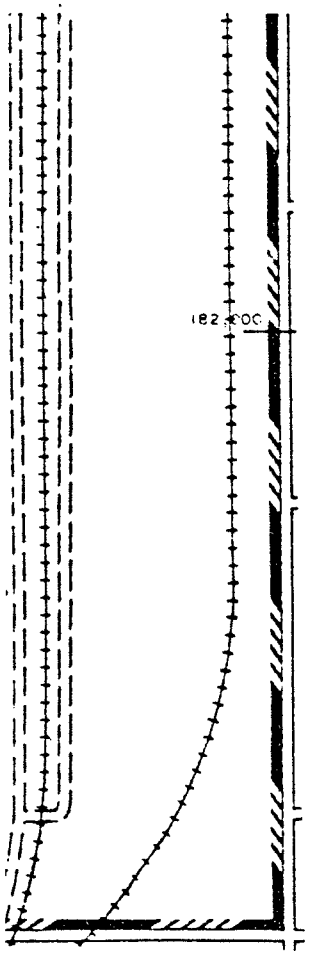


1" = 4 MILES

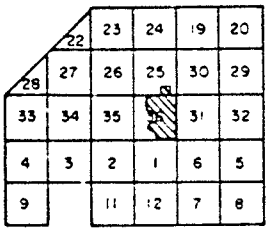



NCSA I-A
182,000
Fire House
NCSA I-F
Parking Lot
2,194,000
2,196,000

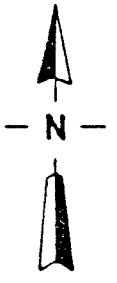

-A
Approximate
Basin A
High Water Line
CSA 1
CSA 2-A
MW3603
MW3604
725
MW3605
726
Small Berm
CSA 1-B
Contractor
DECON Pad
Parking Lot
2,186,000
2,199,000



ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





Scale in feet

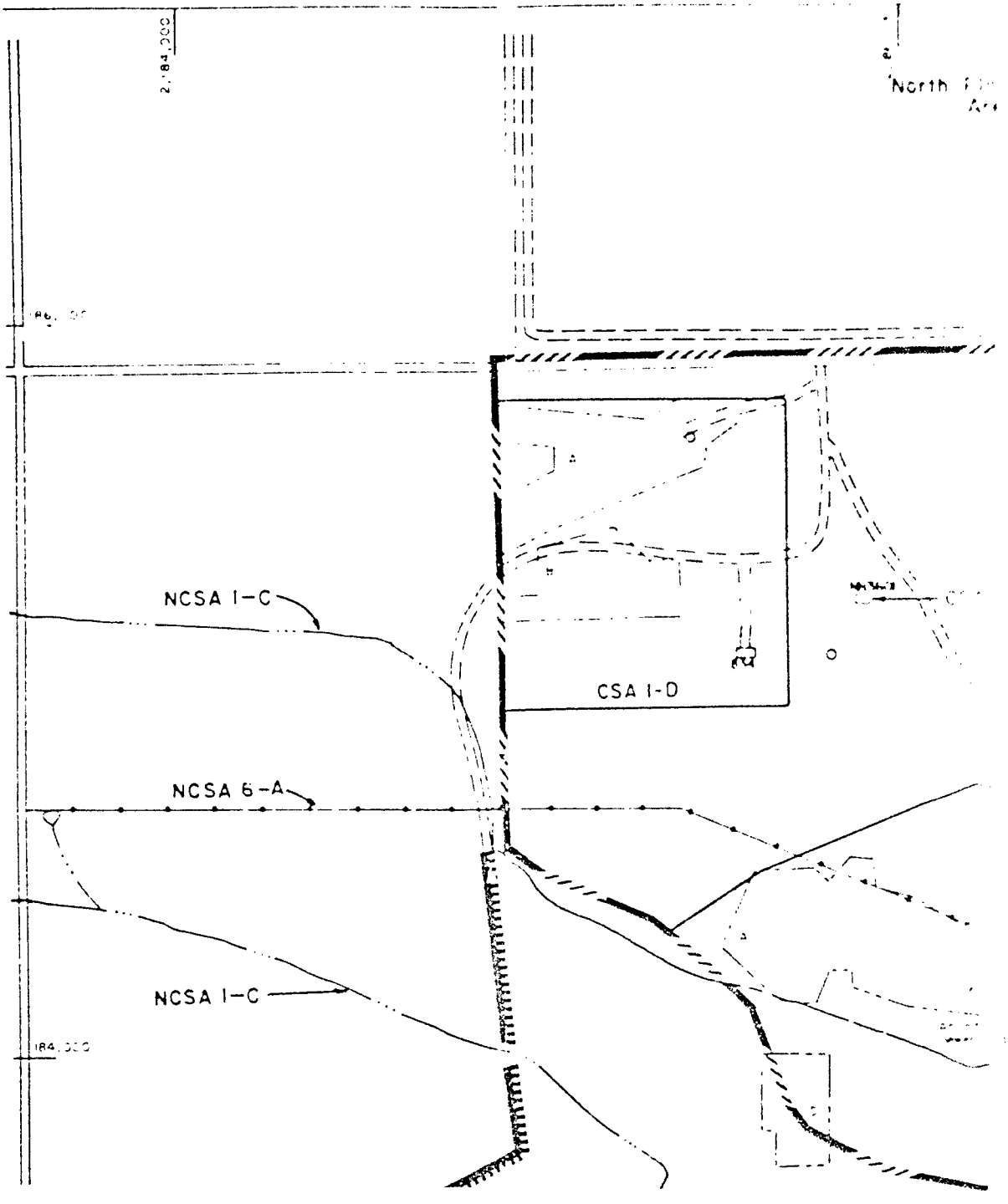
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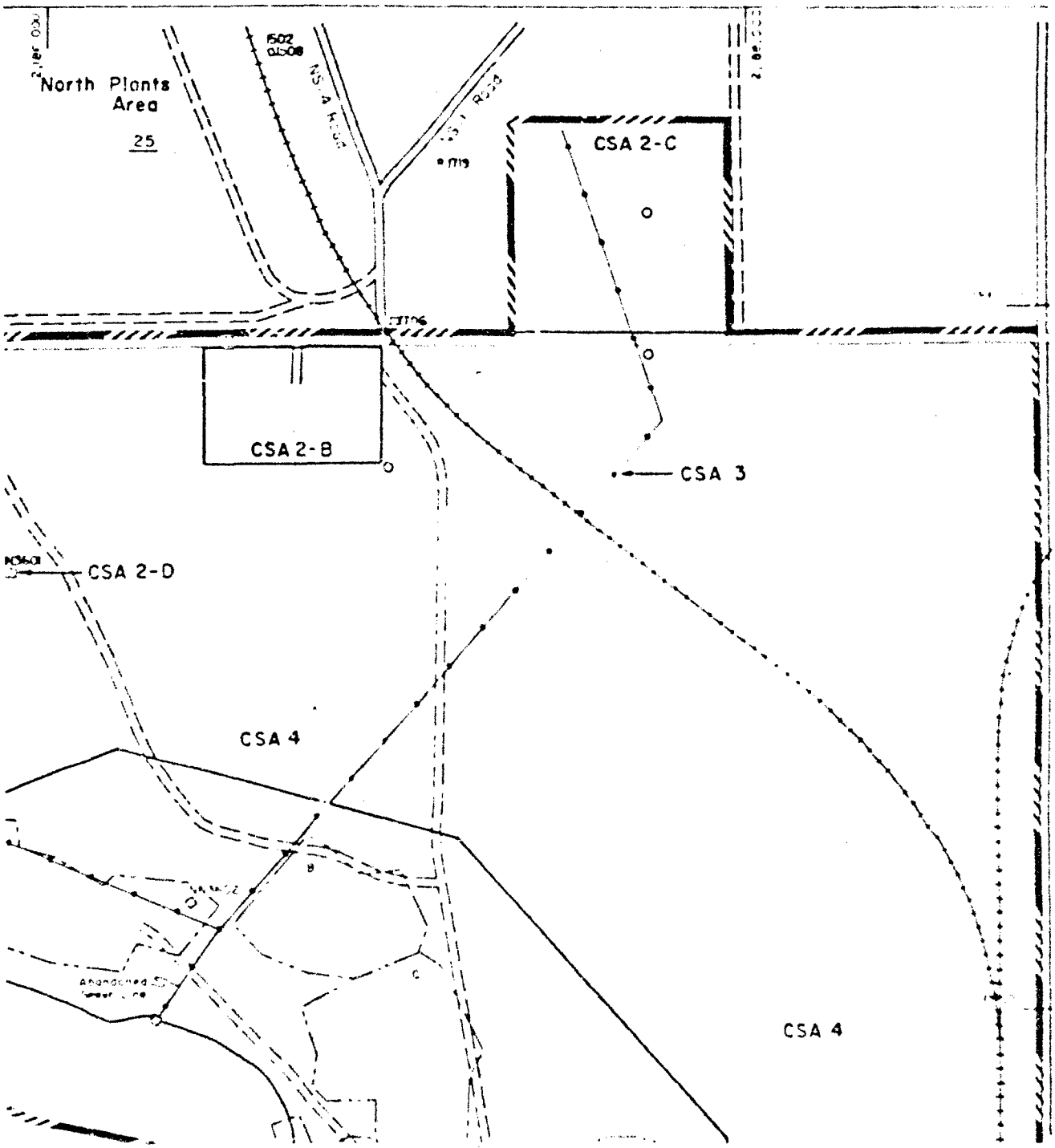
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-16

Volatile Aromatic Organic Compounds
in Soils in the 5 - 20 ft. Interval

Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated


2,184,000
North
NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C
184,000


North Plants Area
25
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4

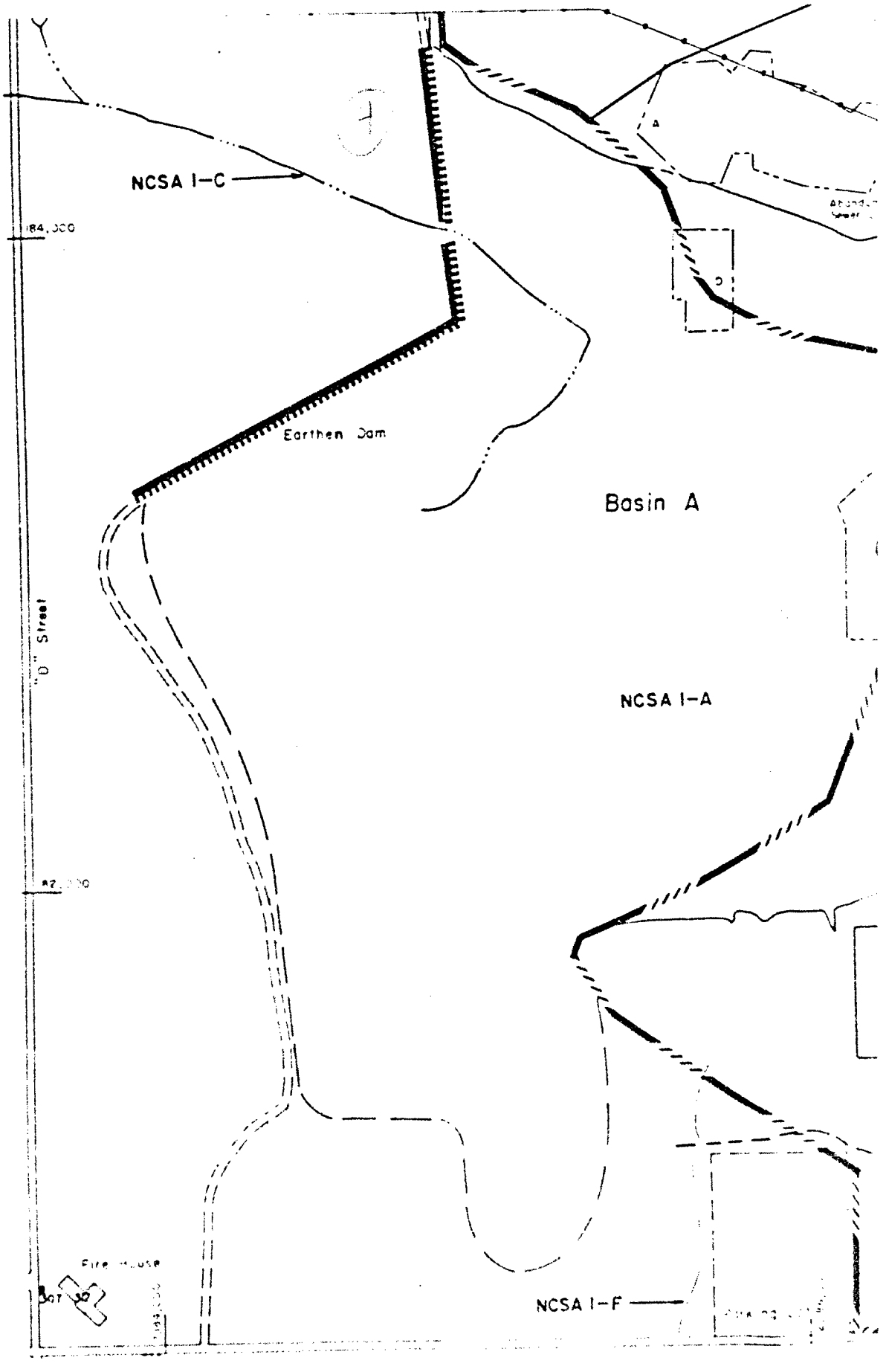


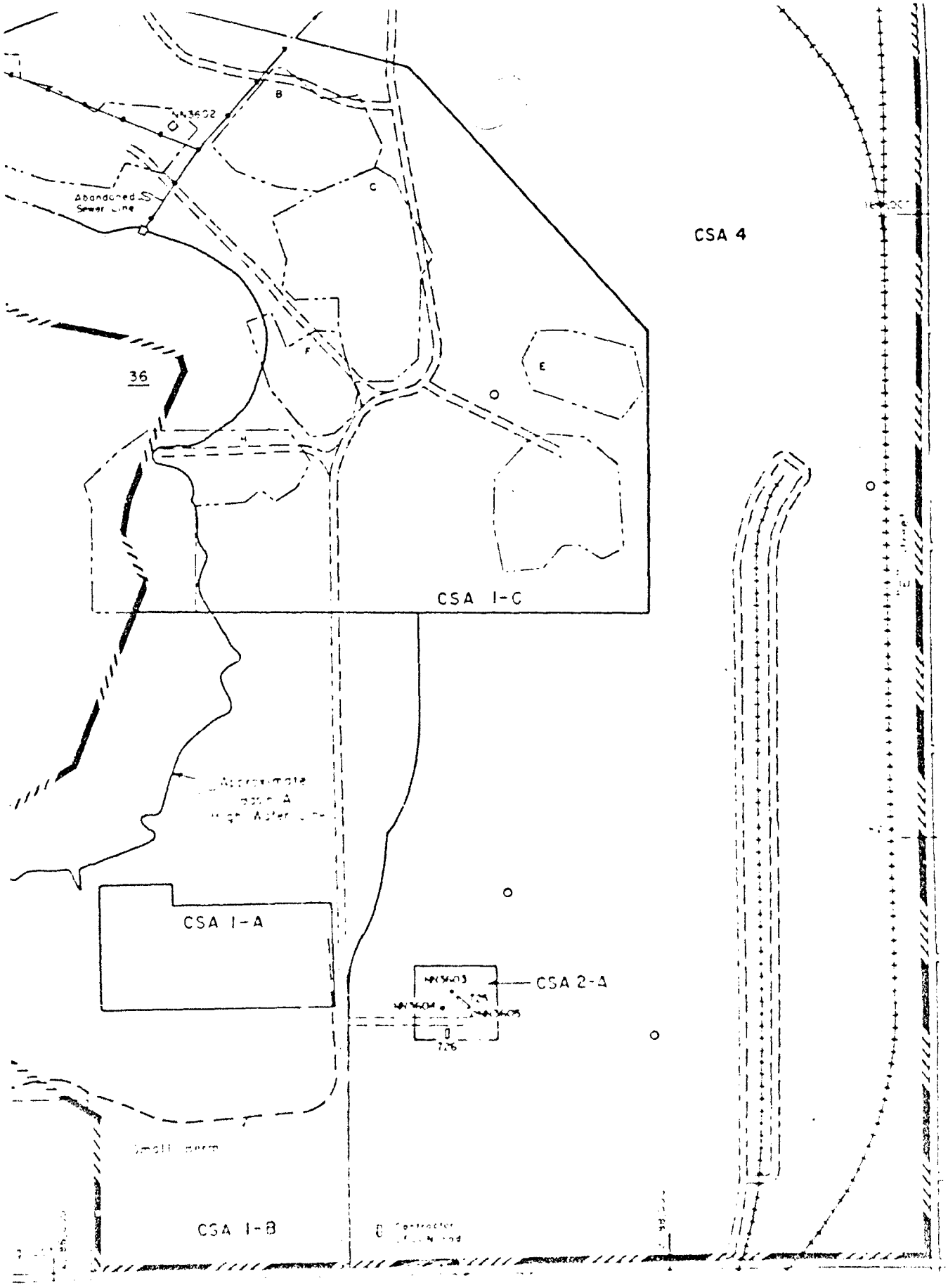
Legend

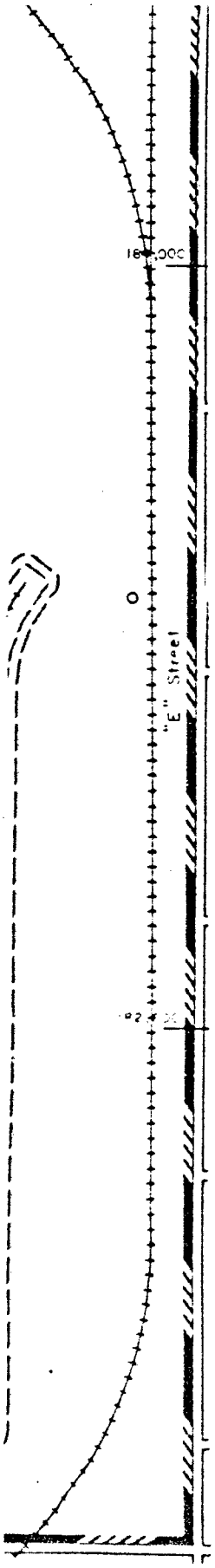
- Improved road
- Unimproved road
- Stream or ditch
- Shore line
- 9 — Section number
- 188,200 — State plane grid
- Structure
- Railroad tracks
- Former structure
- Central Study Area boundary
- Arsenal boundary
- CSA 1-C — Site boundary
- Sanitary sewer
- B — Geophysical anomaly
- Chemical sewer

ANALYTE SAMPLE LOCATION AND CONCENTRATION (µg/g)

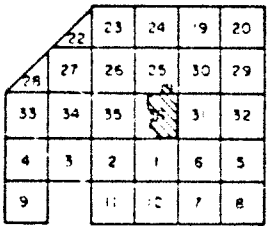
- ○ Below Certified Reporting Limit (BCRL)
- ● 0.43 - 1.0
- ● 1.0 - 10
- ● 10 - 100
- ● >100


NCSA I-C
184,300
Earthen Dam
Basin A
"D" Street
NCSA I-A
NCSA I-F

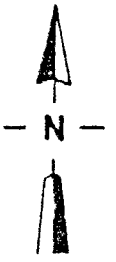

CSA 4
CSA 1-C
CSA 1-A
CSA 1-B
CSA 2-A
36
B
C
E
F
Abandoned S
Sewer Line

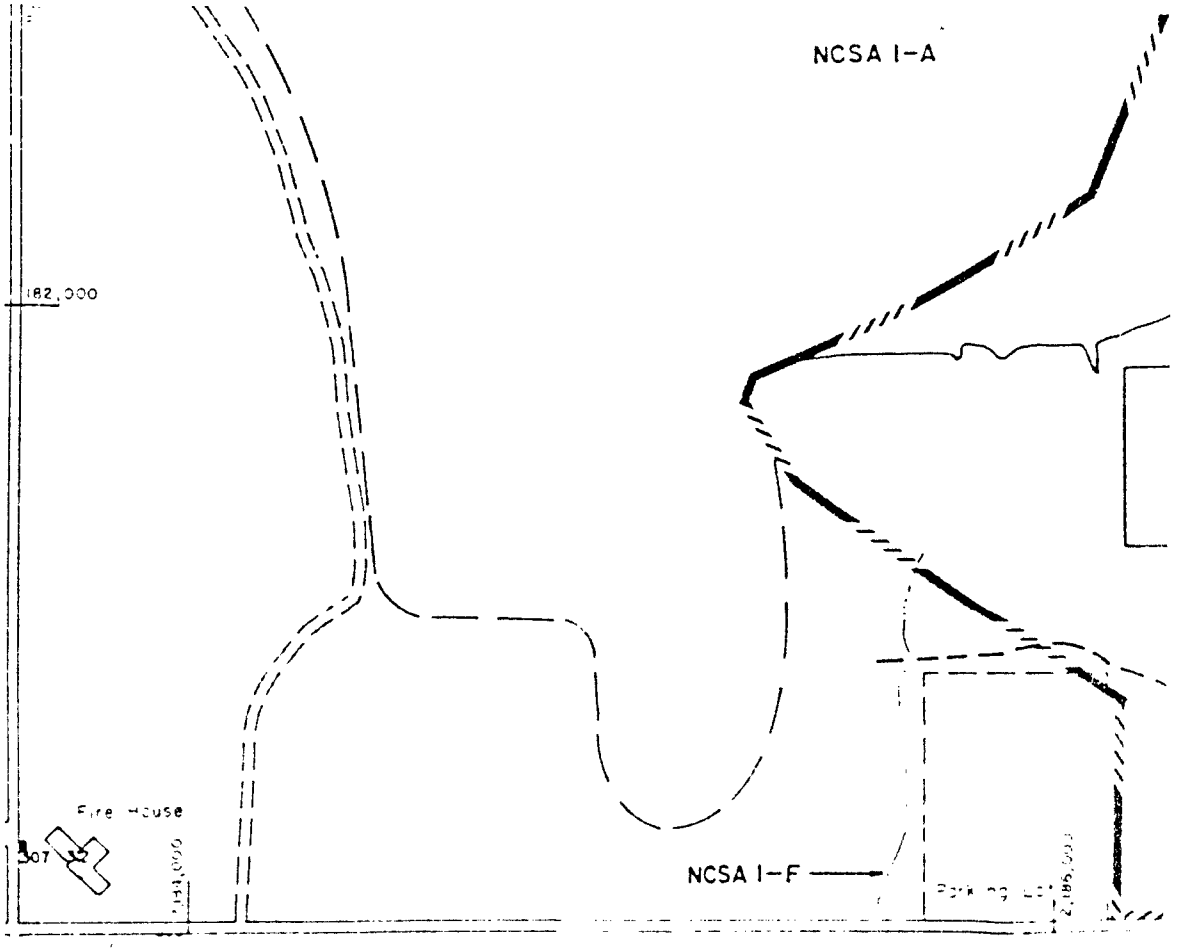


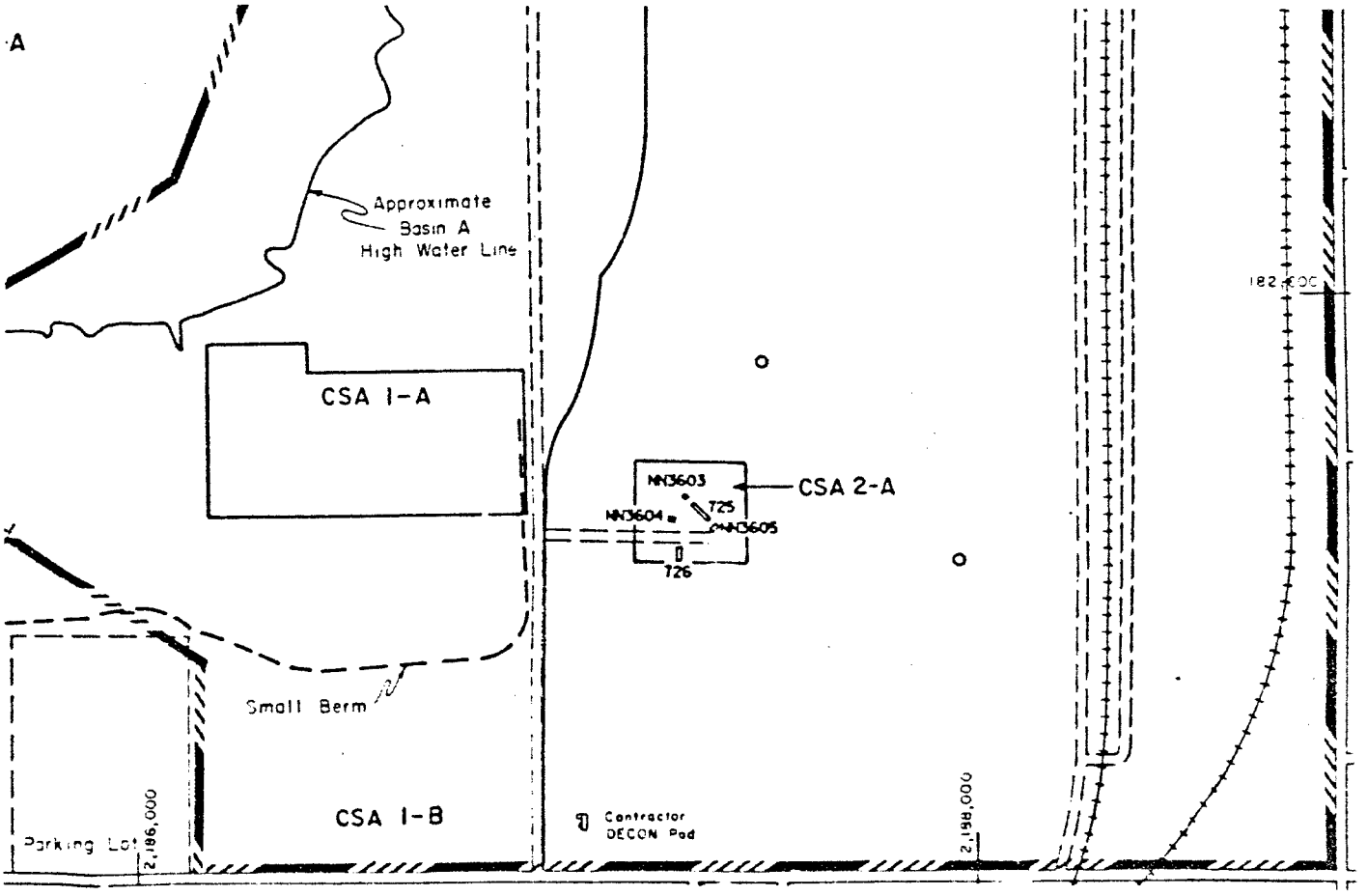
ROCKY MOUNTAIN ARSENAL
LOCATION

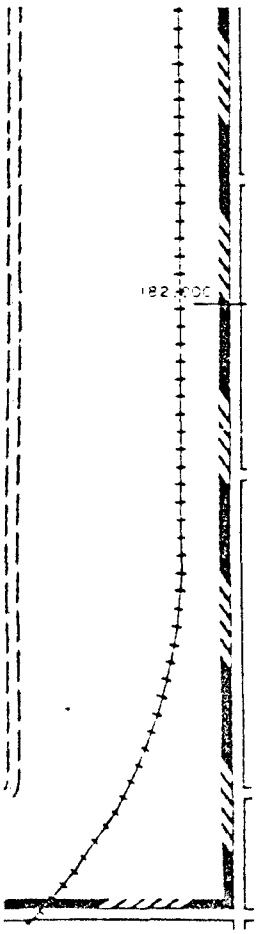


1" = 4 MILES

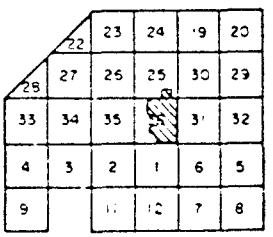



NCSA I-A
182,000
Fire House
307
NCSA I-F

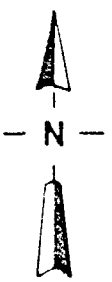

A
Approximate
Basin A
High Water Line
CSA 1-A
MW3603
725
MW3604
MW3605
726
CSA 2-A
Small Berm
CSA 1-B
Parking Lot
2,186,000
Contractor
DECON Pad
2,198,000

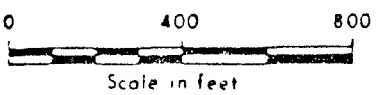


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





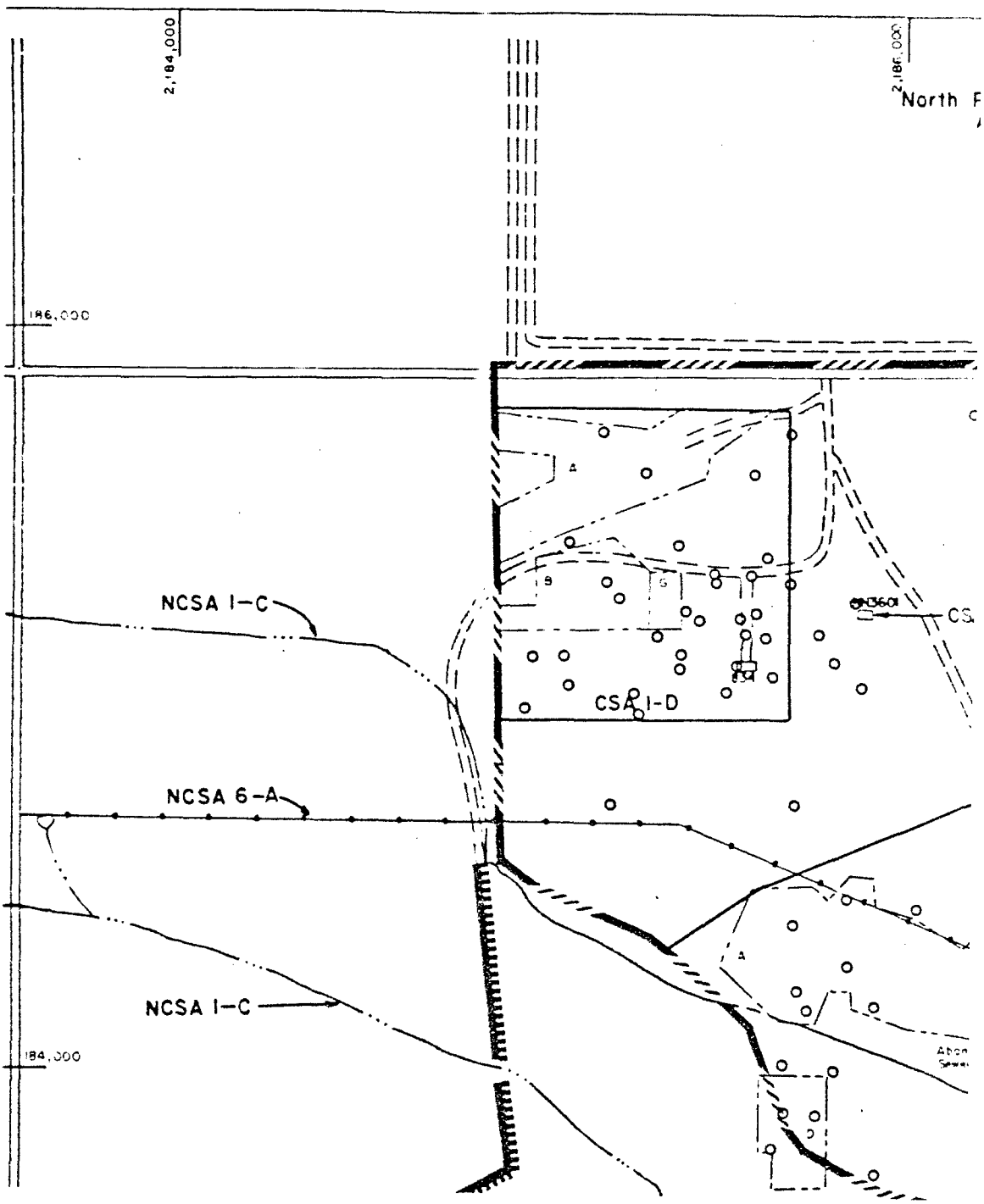
Prepared for:

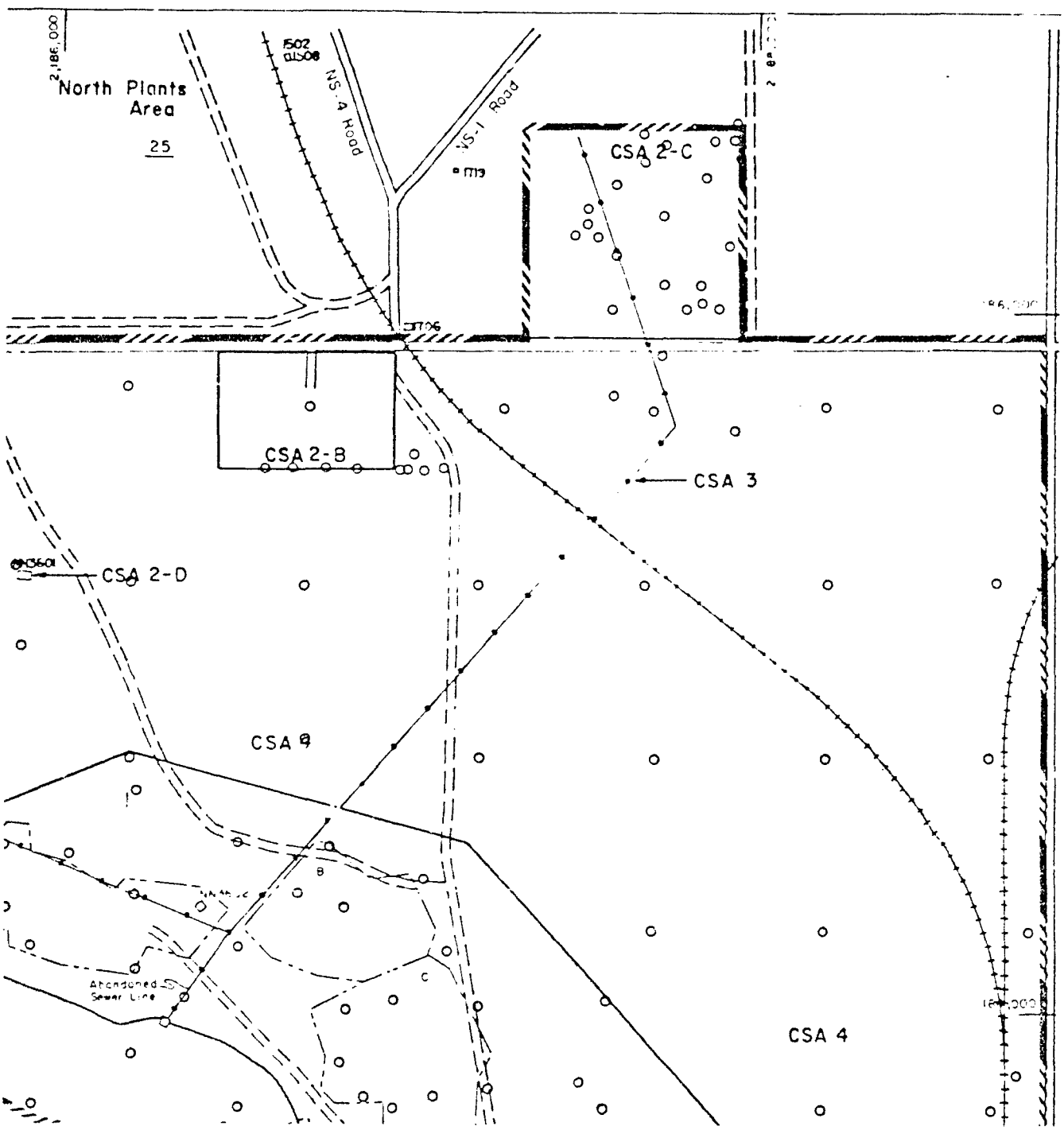
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

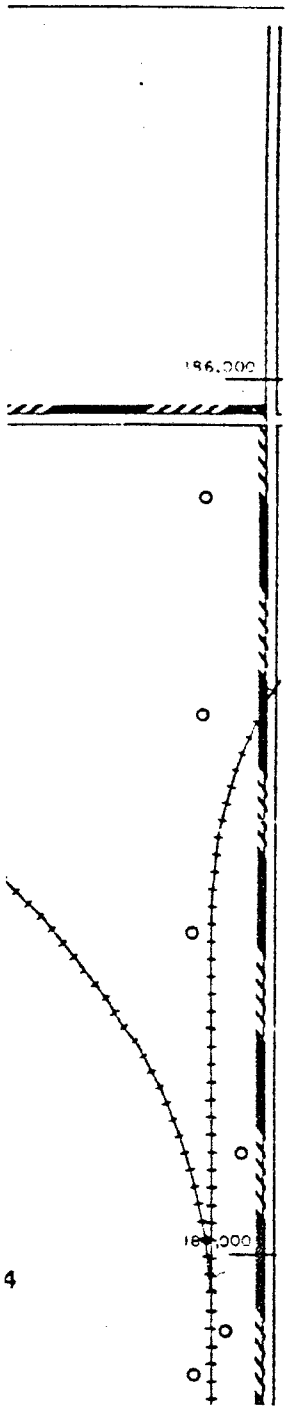
PLATE CSA 2.1-17

Volatile Aromatic Organic Compounds
in Soils in the > 20 ft. Interval

Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated


2,184,000
2,186,000
North F
186,000
NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C
184,000


2,186,000
North Plants Area
25
NS-A Road
NS-1 Road
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
Abandoned Sewer Line

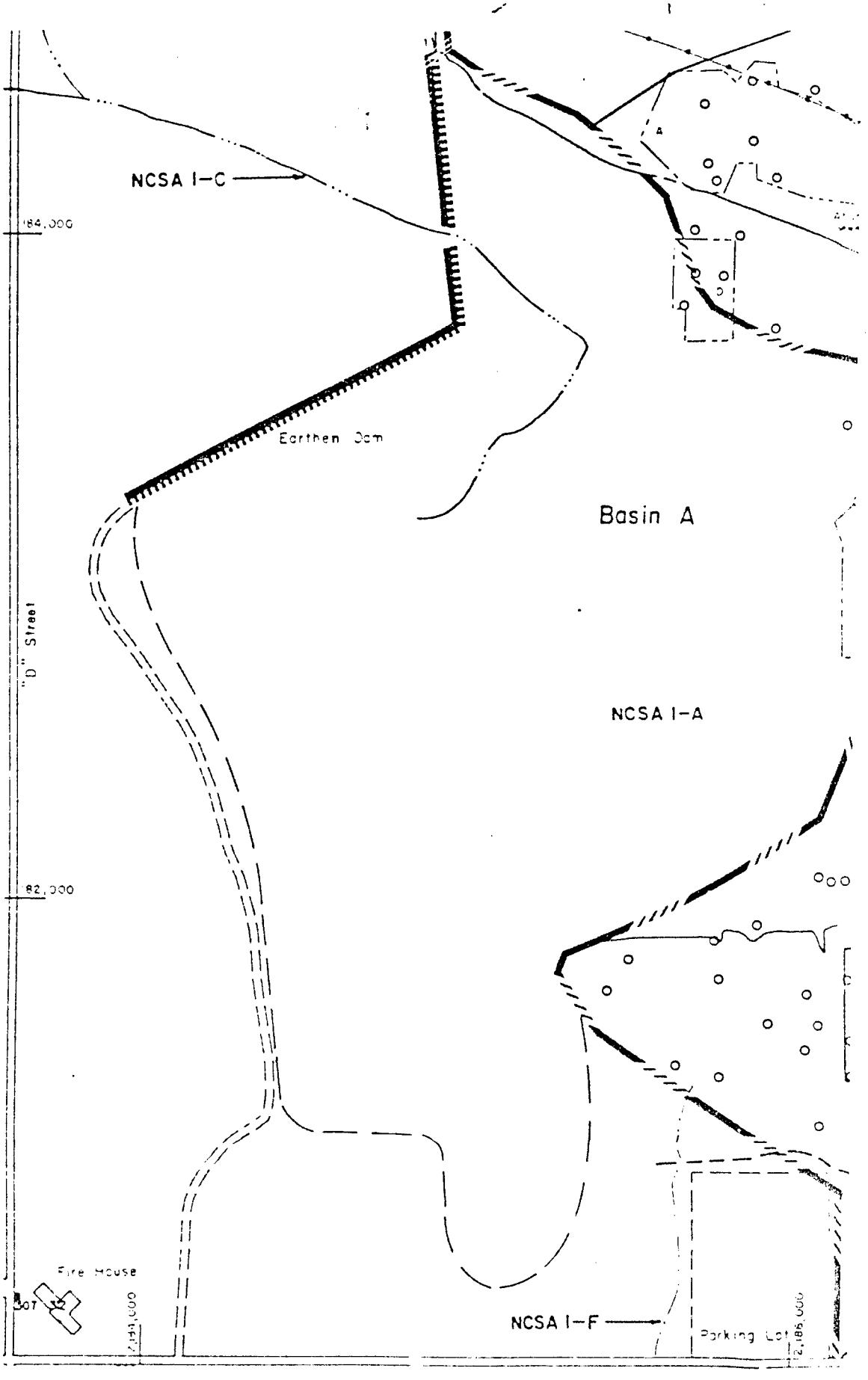


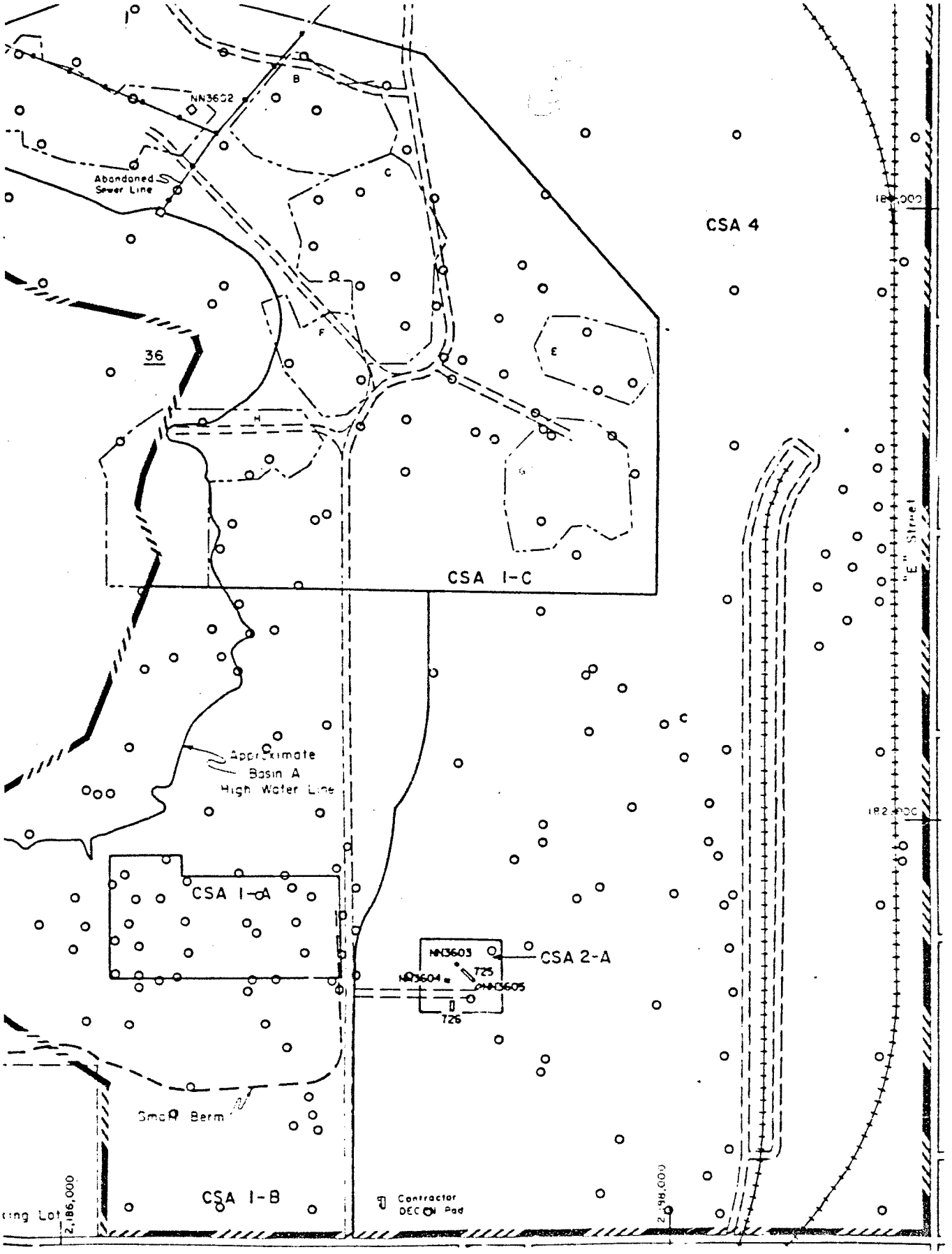
Legend

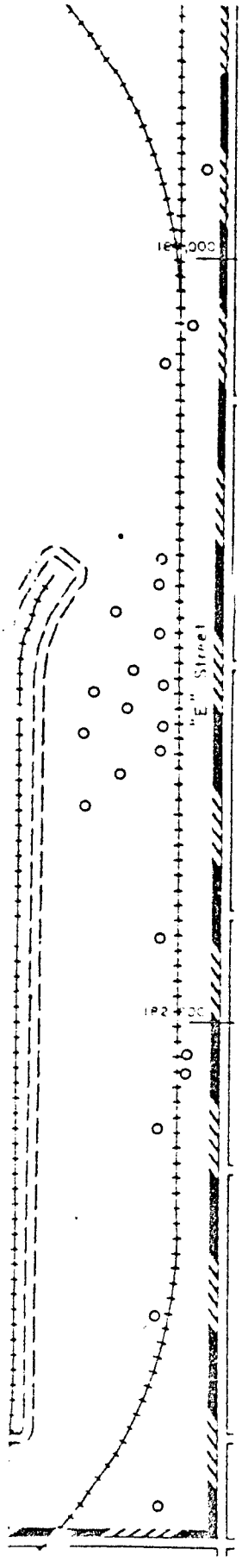
Improved road	Unimproved road
Stream or ditch	Shore line
	9 Section number
186,000 State plane grid	Structure
Railroad tracks	Former structure
Central Study Area boundary	Arsenal boundary
CSA 1-C Site boundary	Sanitary sewer
B Geophysical anamoly	Chemical sewer

ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

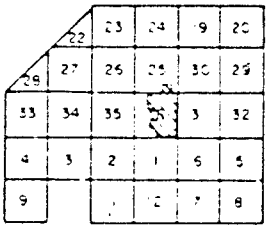
- o Below Certified Reporting Limit (BCRL)
- • 0.30 - 1.0
- ● 1.0 - 10
- ● 10 - 100
- ● >100


NCSA I-C
184,000
Earthen Dam
Basin A
"D" Street
NCSA I-A
82,000
Fire House
NCSA I-F
Parking Lot

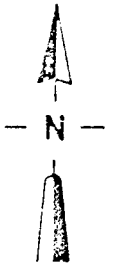

NN3602
Abandoned Sewer Line
B
C
F
H
E
36
CSA 4
CSA 1-C
"E" Street
Approximate Basin A High Water Line
CSA 1-A
NN3603
CSA 2-A
NN3604
725
NN3605
726
Small Berm
CSA 1-B
Contractor
2,186,000

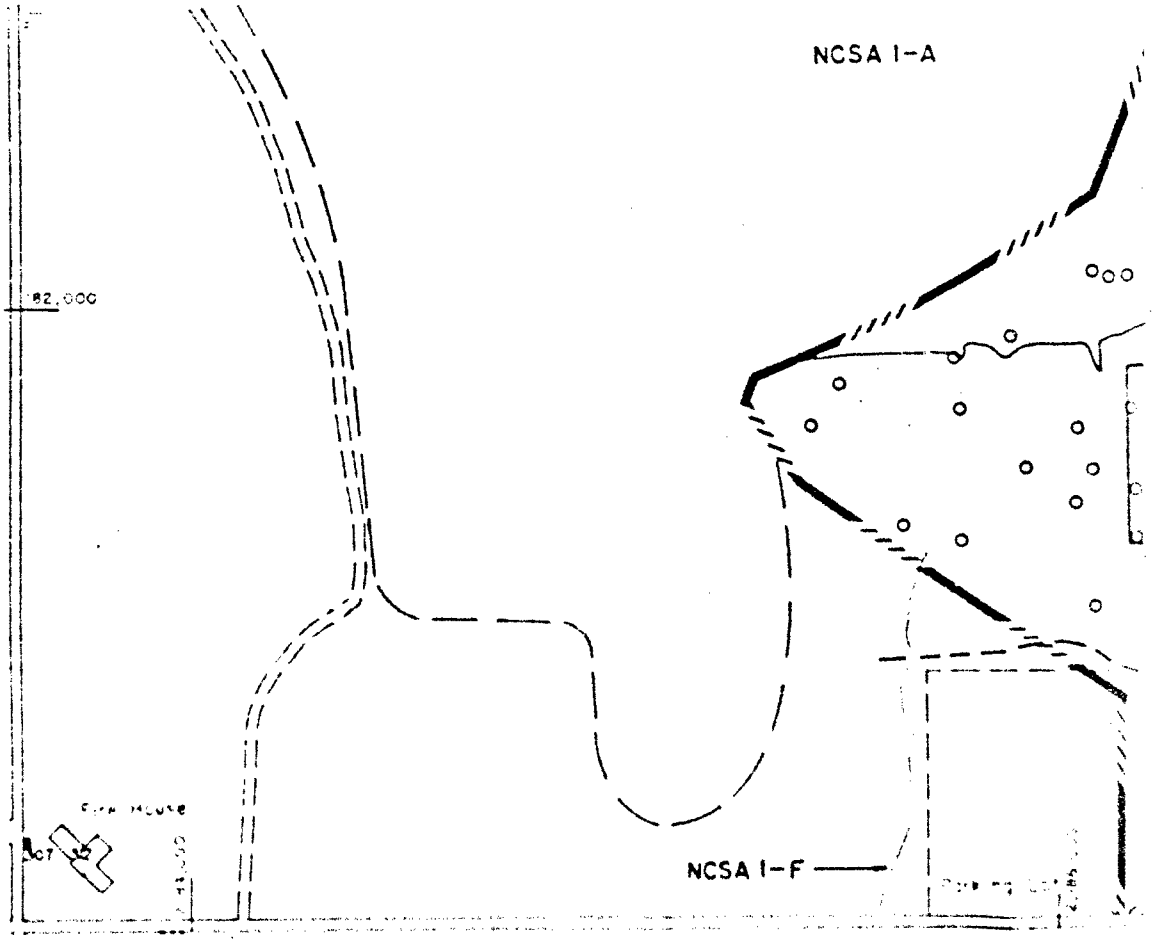


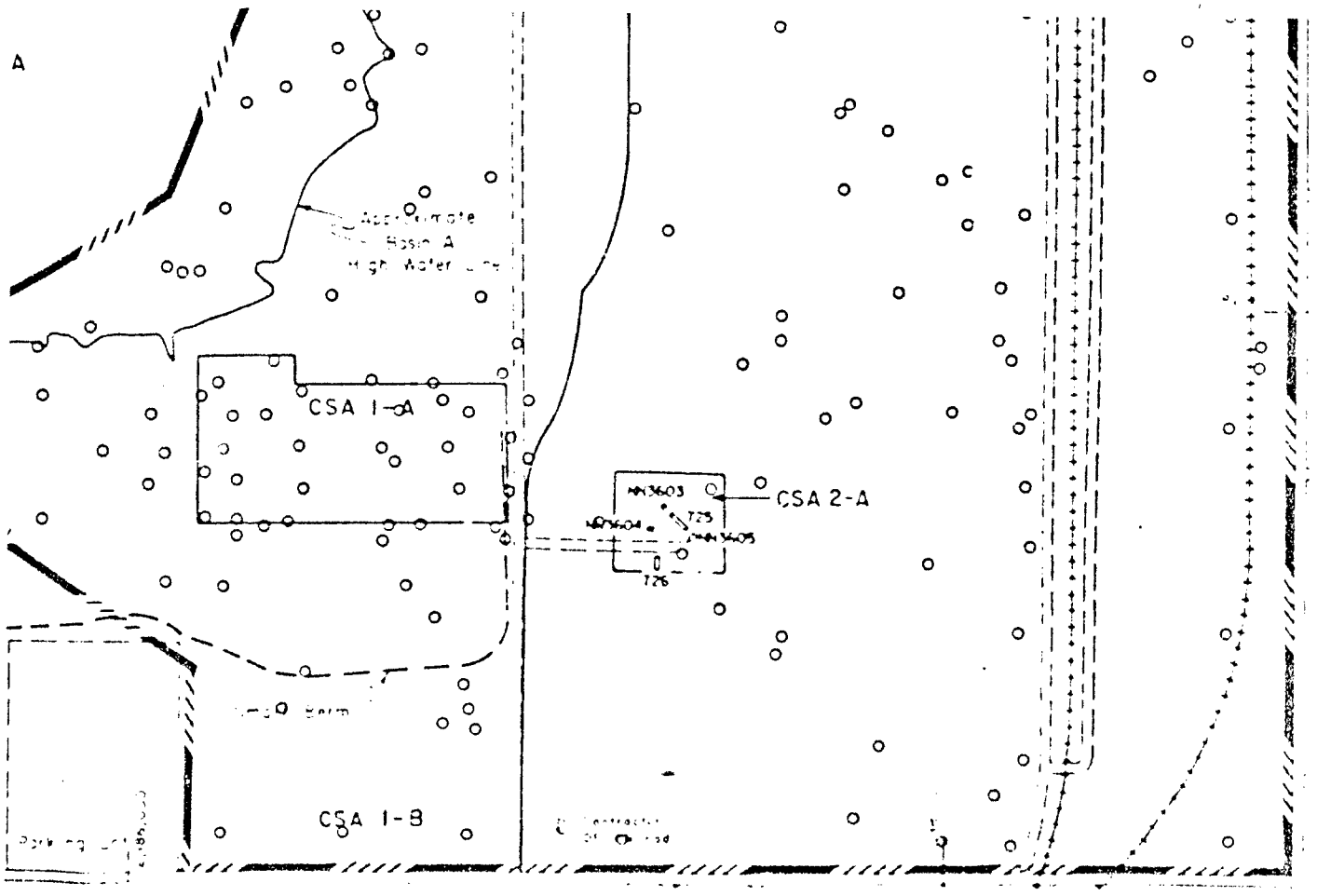
ROCKY MOUNTAIN ARSENAL
LOCATION

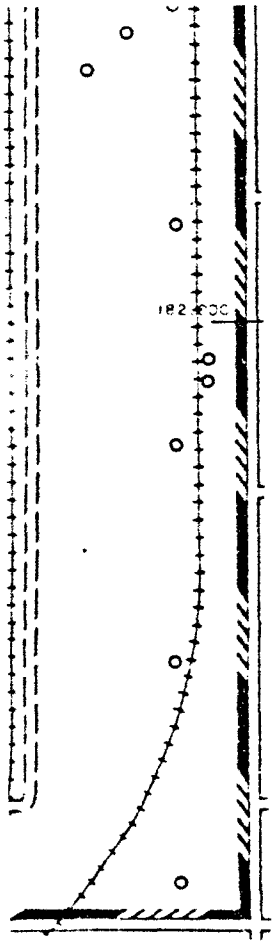


1" = 4 MILES

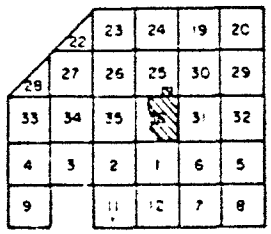



NCSA 1-A
82,000
NCSA 1-F

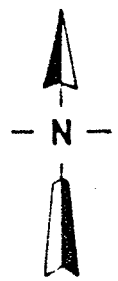

A
CSA 1-A
CSA 2-A
CSA 1-B

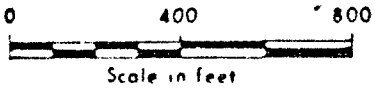


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES



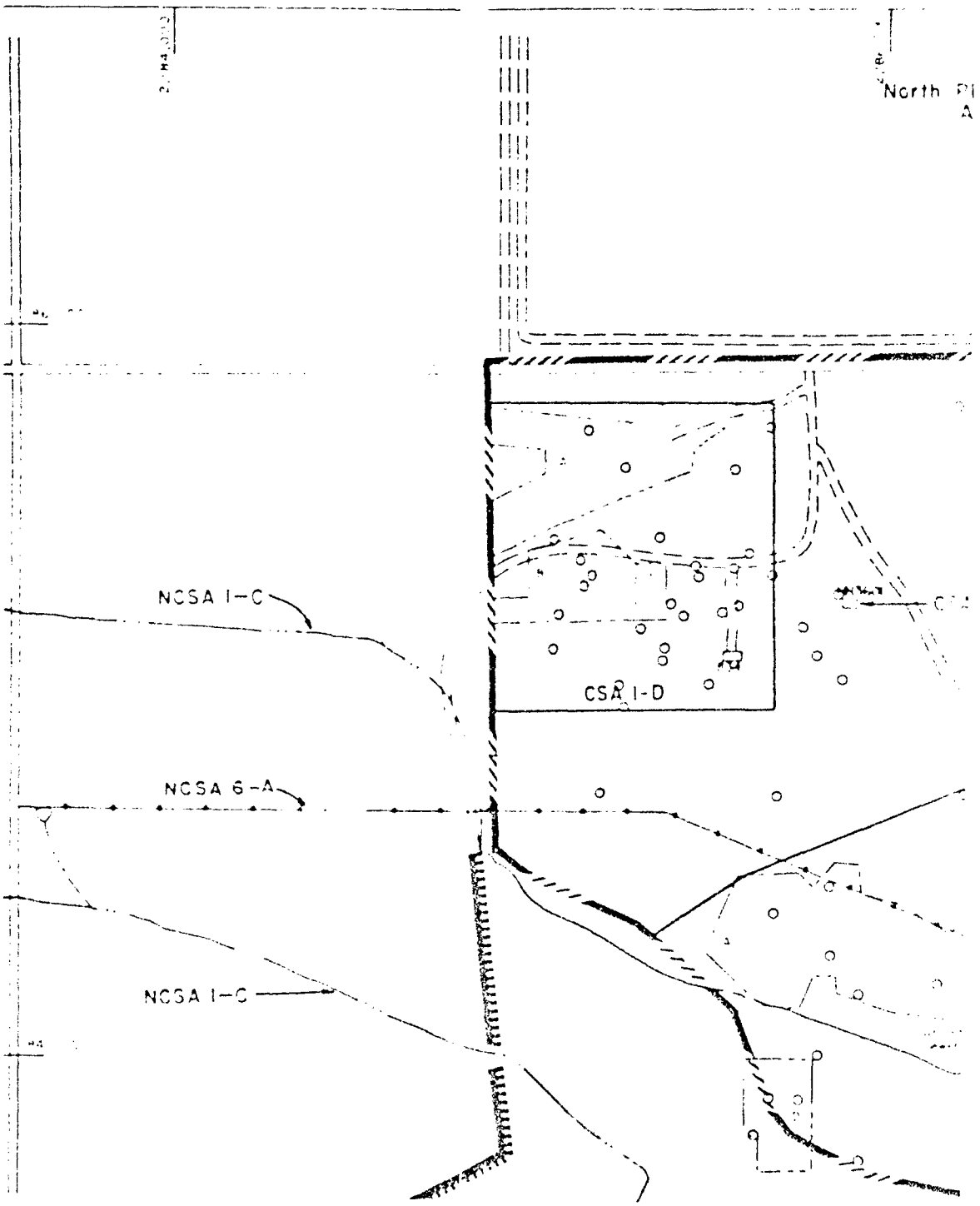


Prepared for:

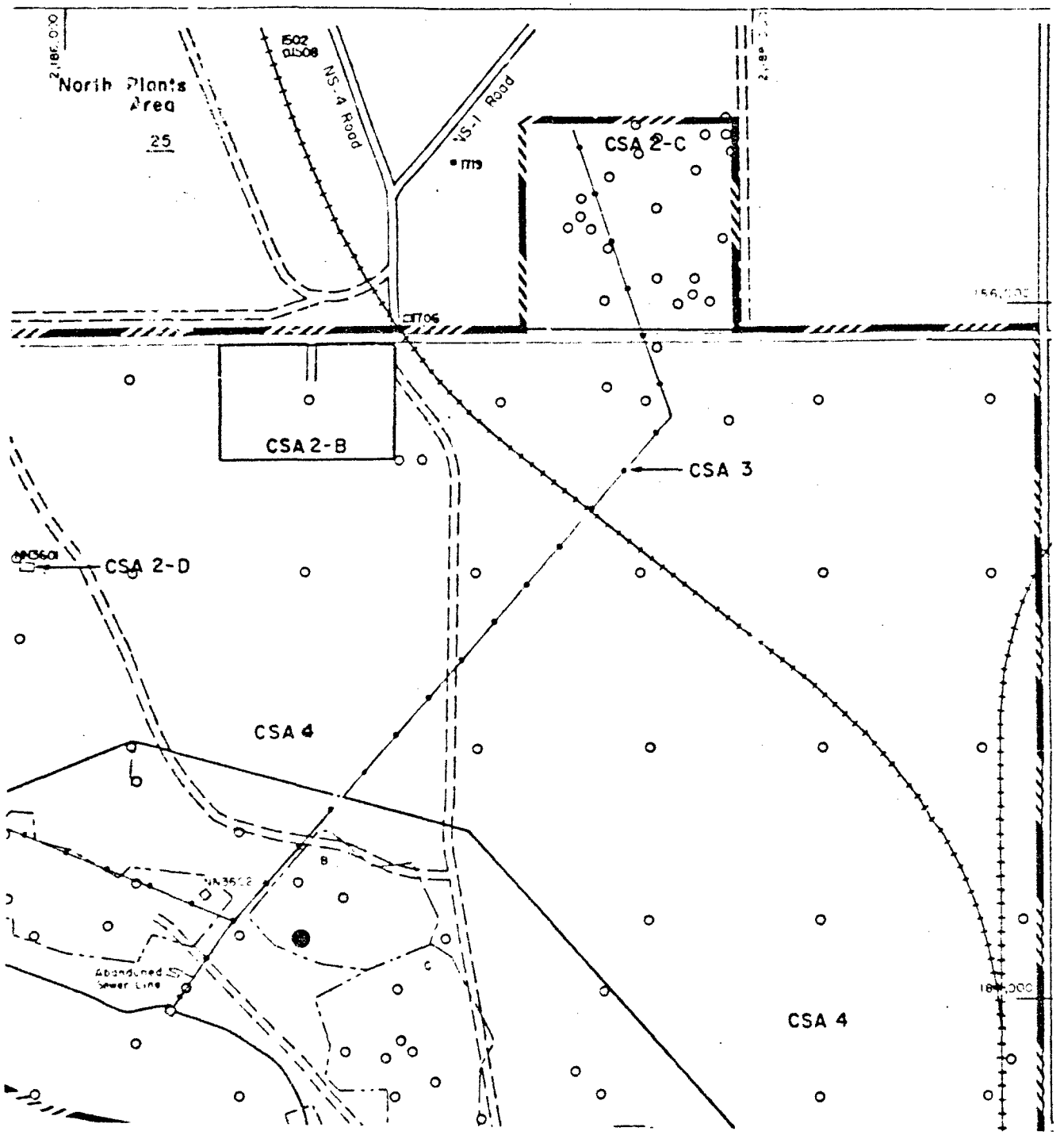
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

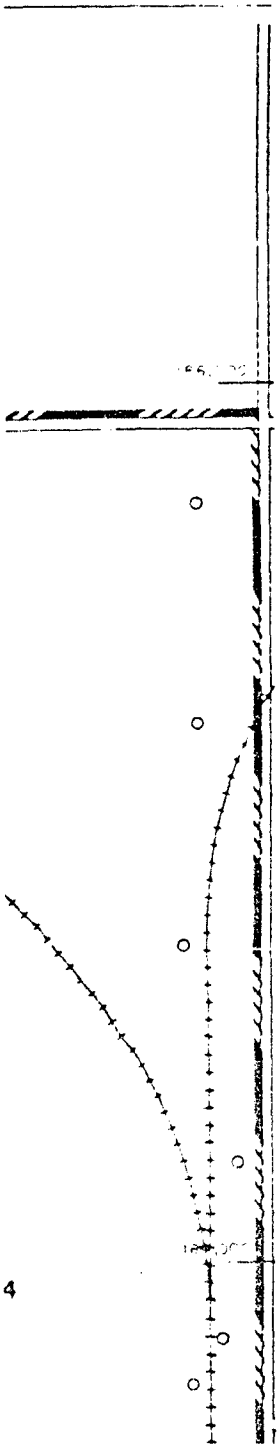
PLATE CSA 2.1-18
Organosulfur Compounds
Mustard Agent Related
in Soils in the 0-2 ft. Interval

Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated


North Pl
A
NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C

(2)


North Plants Area
25
NS-4 Road
NS-1 Road
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4
Abandoned Sewer Line

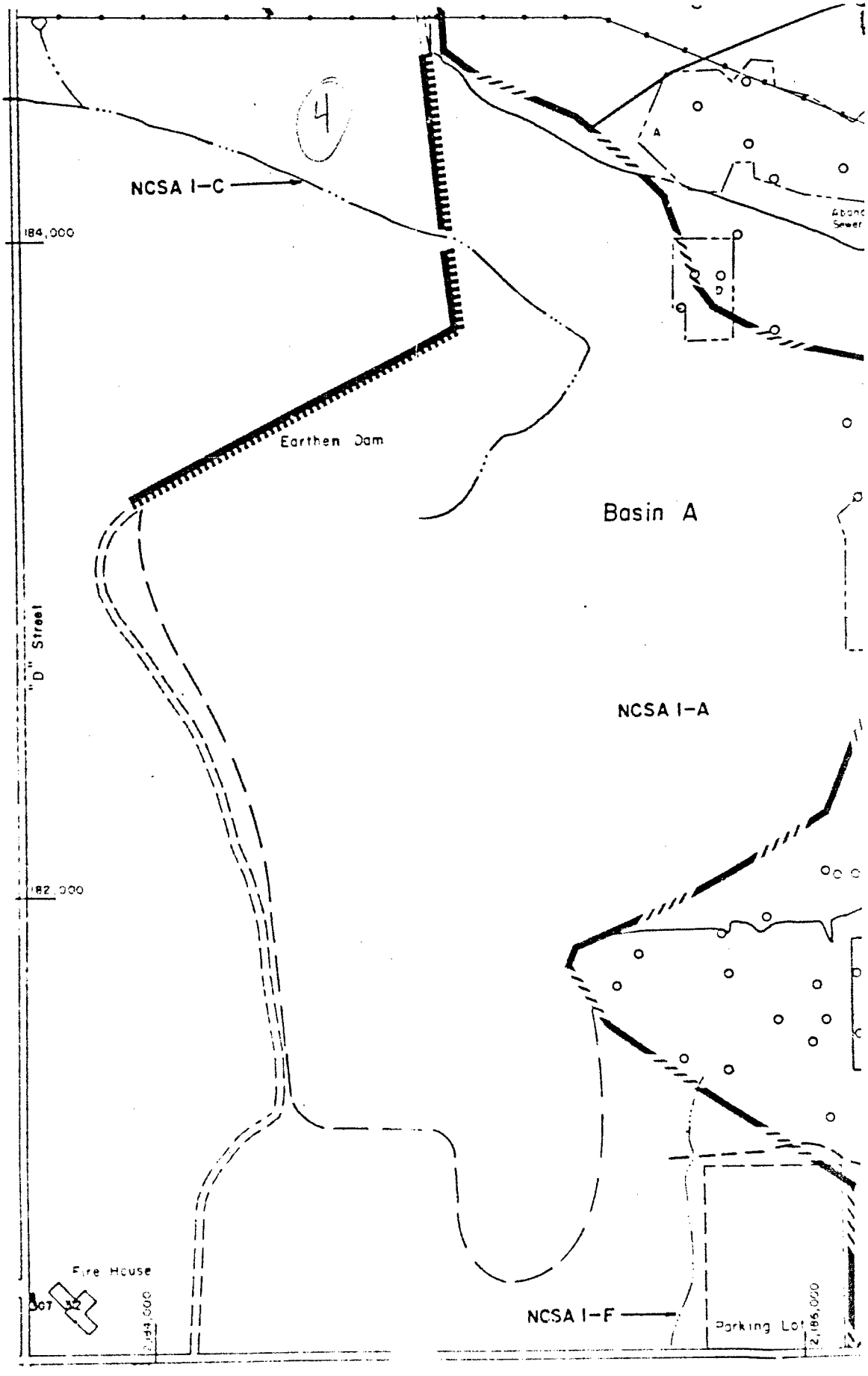


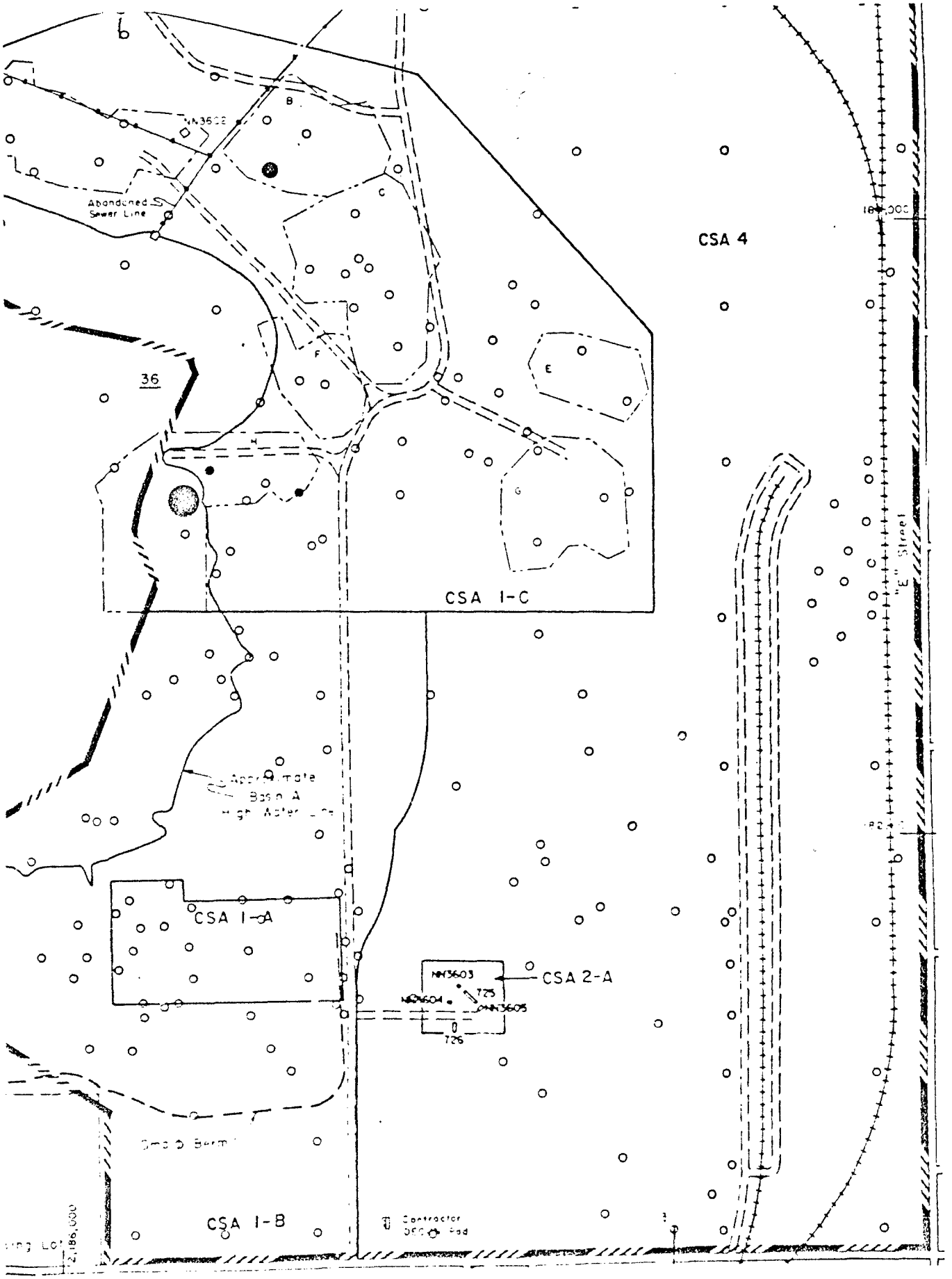
Legend

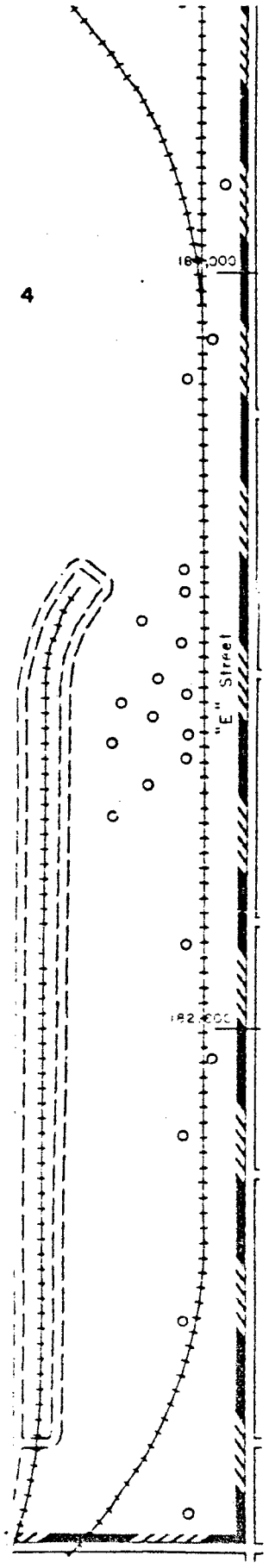
- Improved road
- Unimproved road
- Stream or ditch
- Shore line
- 9 — Section number
- 186,000 — State plane grid
- Structure
- Railroad tracks
- Former structure
- Central Study Area boundary
- Arsenal boundary
- CSA 1-C — Site boundary
- Sanitary sewer
- B — Geophysical anomaly
- Chemical sewer

ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

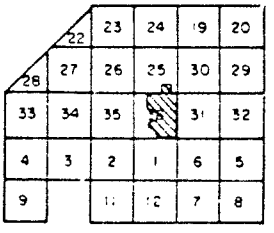
- o Below Certified Reporting Limit (BCRL)
- • 0.30 - 1.0
- 1.0 - 10
- 10 - 100
- >100


4
NCSA I-C
184,000
Earthen Dam
Basin A
"D" Street
NCSA I-A
182,000
Fire House
NCSA I-F
Parking Lot
2,186,000


CSA 4
CSA 1-C
CSA 1-A
CSA 1-B
CSA 2-A
36
Abandoned Sewer Line
"E" Street
Contractor Pad

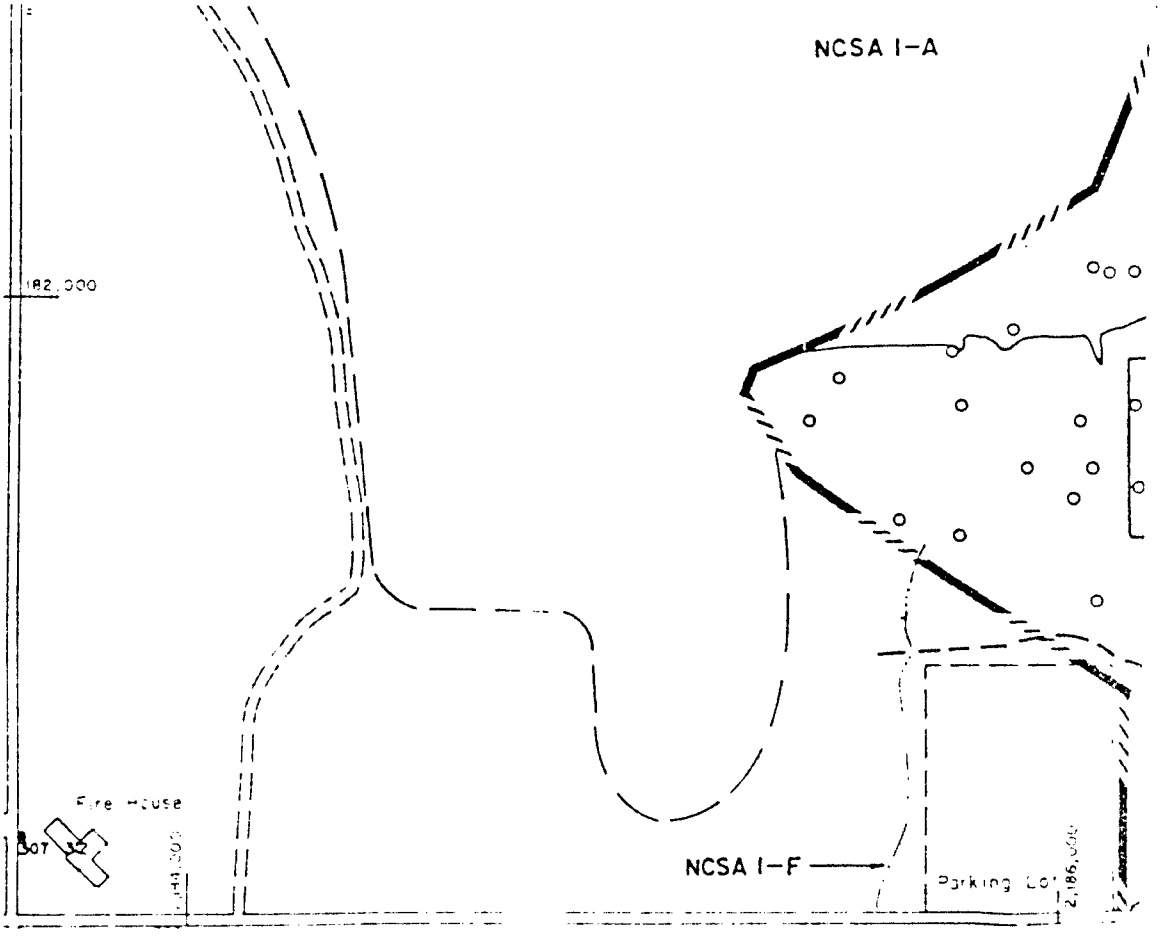


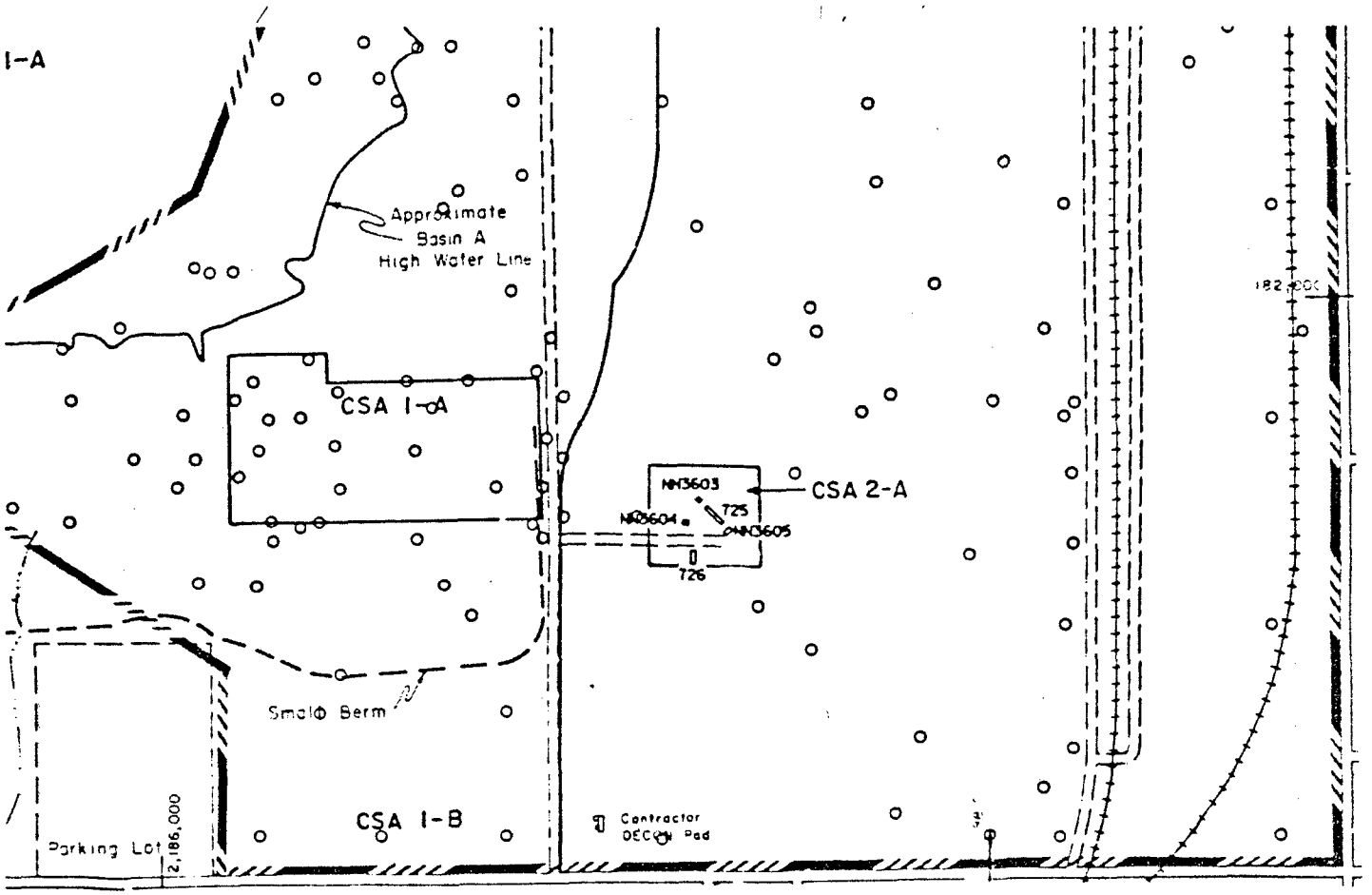
ROCKY MOUNTAIN ARSENAL
LOCATION

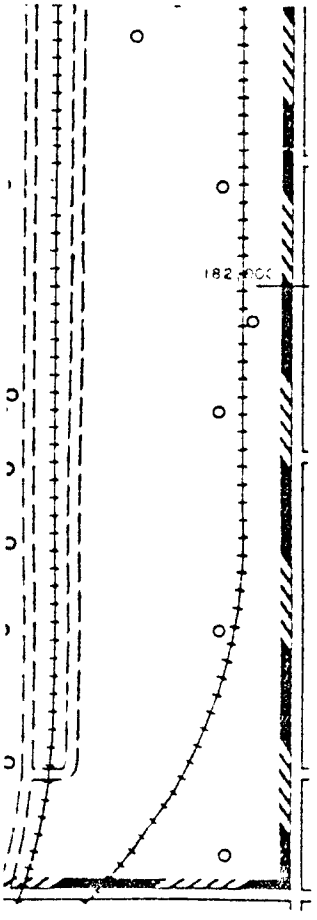


1" = 4 MILES

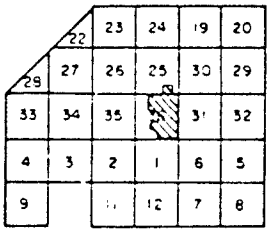



NCSA I-A
182,000
Fire House
NCSA I-F
Parking Lot

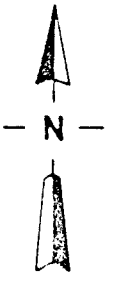

I-A
Approximate
Basin A
High Water Line
CSA I-A
CSA 2-A
NM3603
725
NM3604
NM3605
726
Small Berm
CSA I-B
Contractor
Pad
Parking Lot
2,186,000
182,000

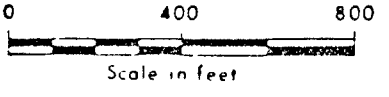


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





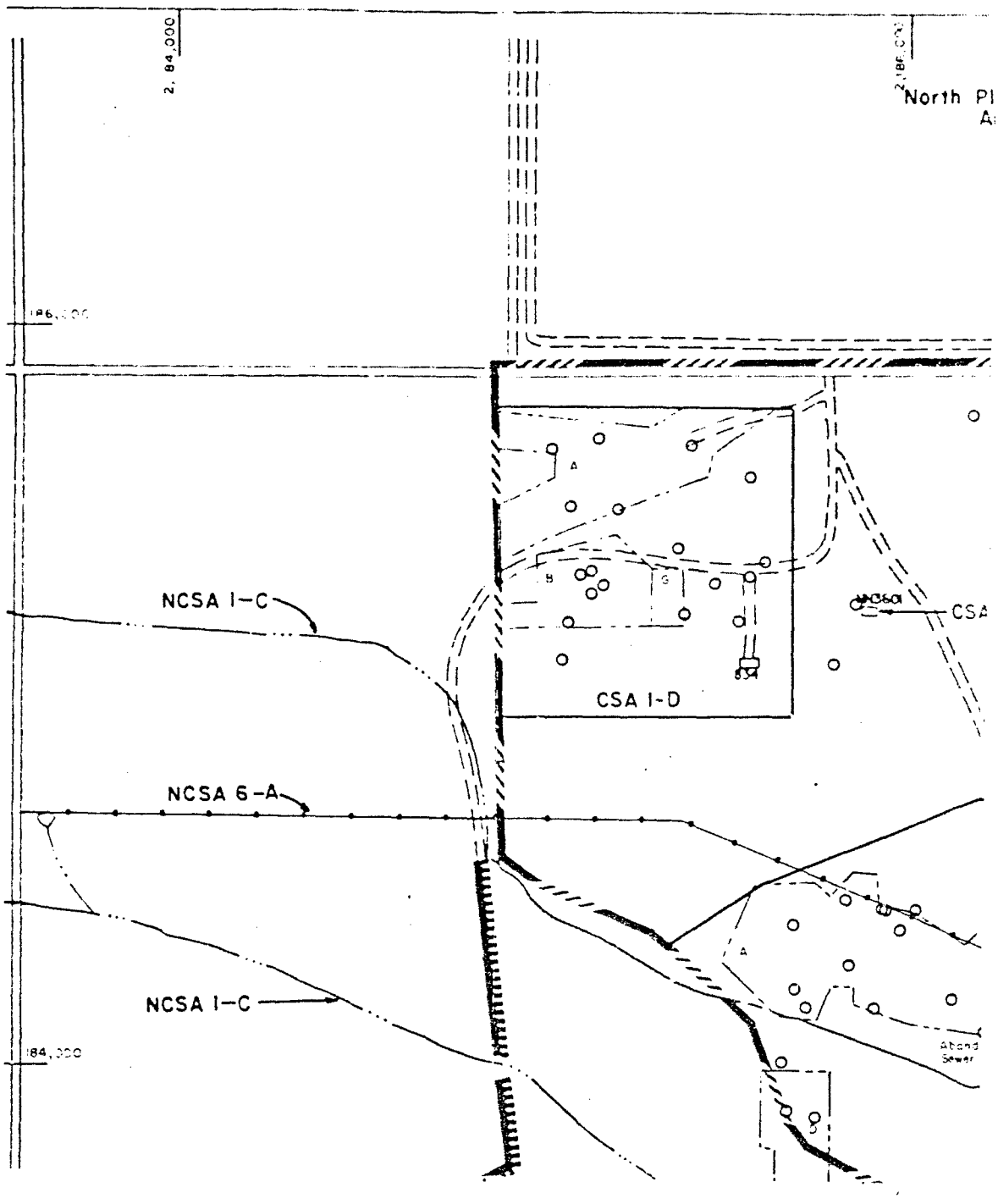
Scale in feet

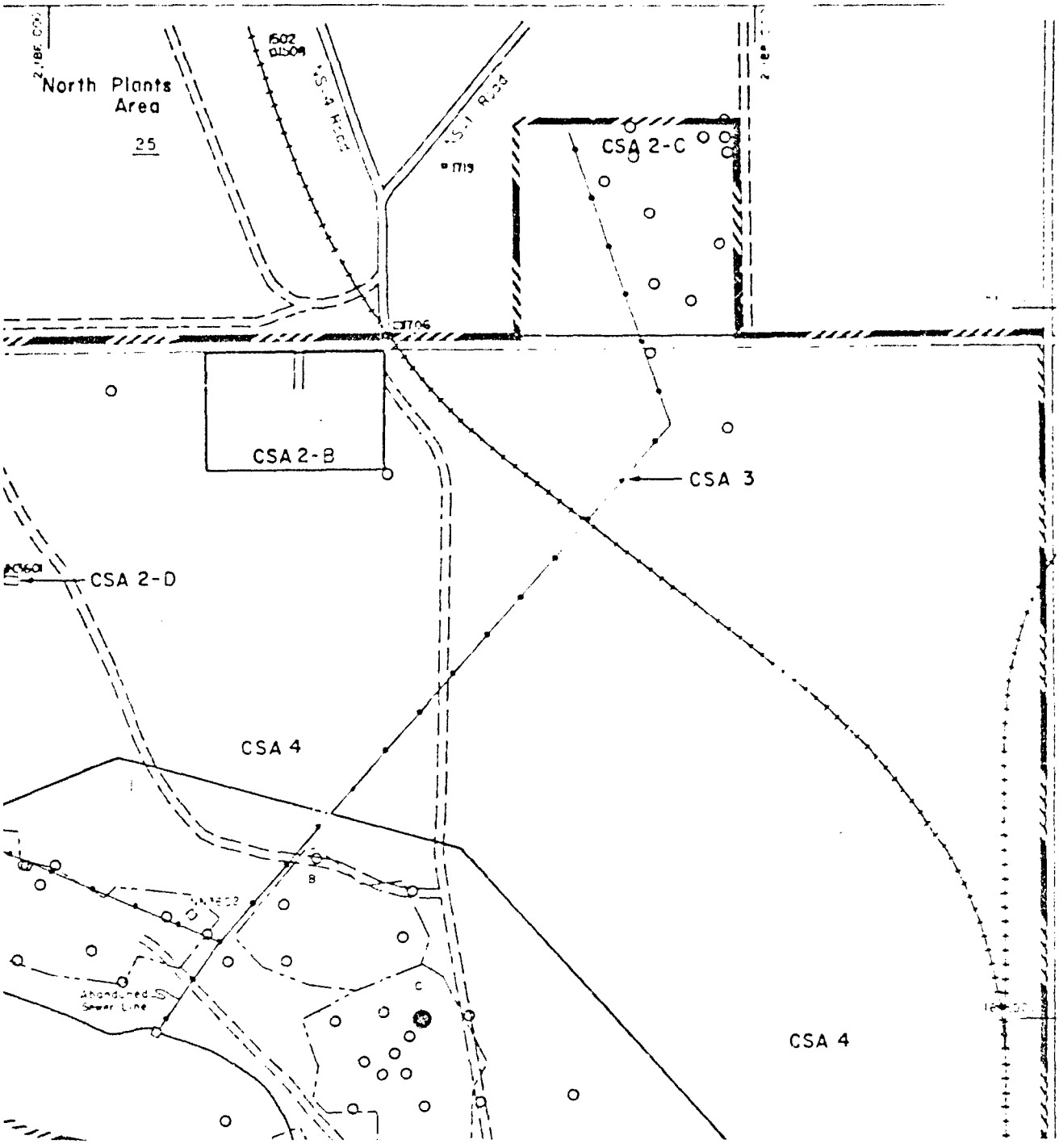
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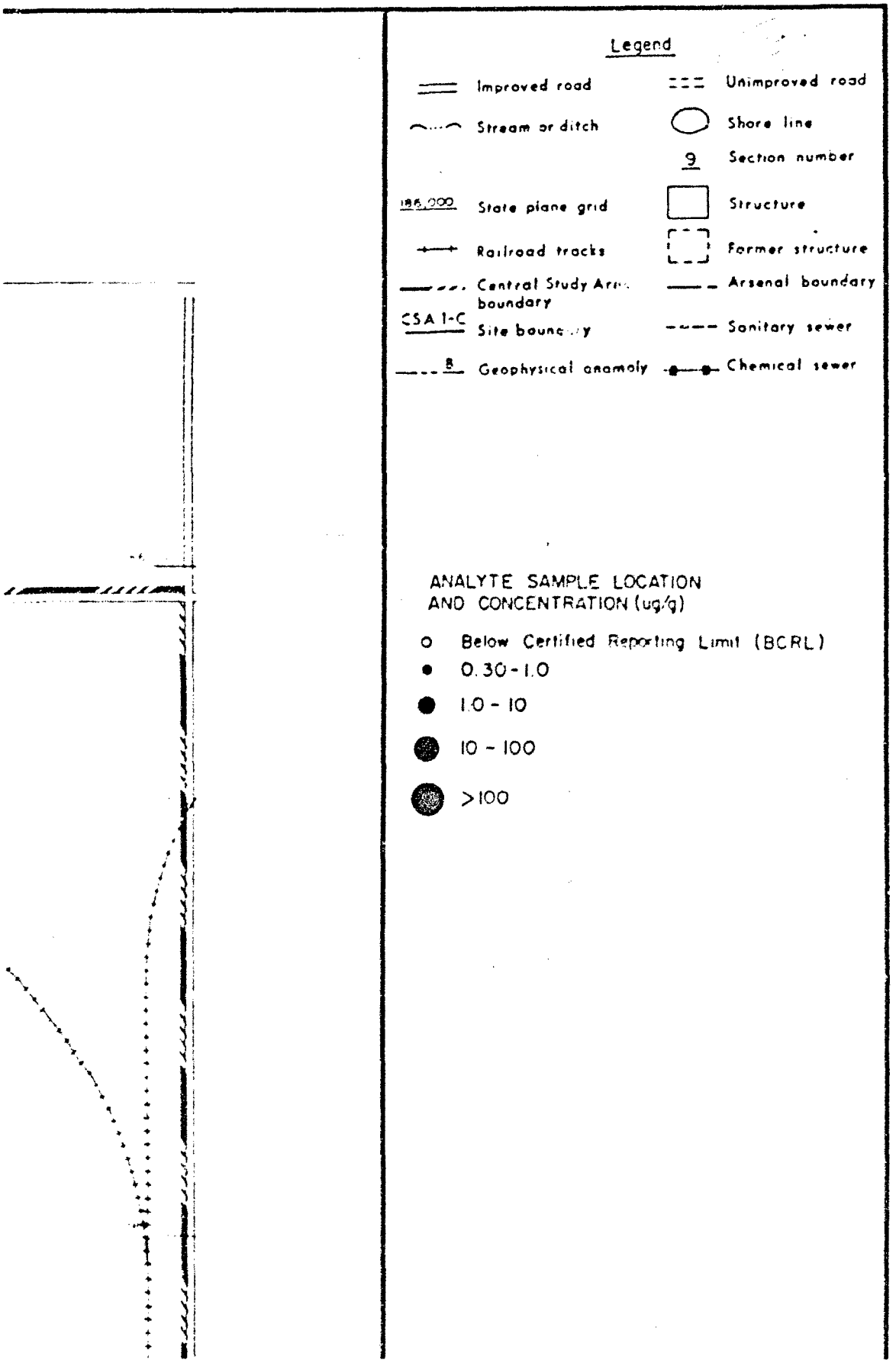
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

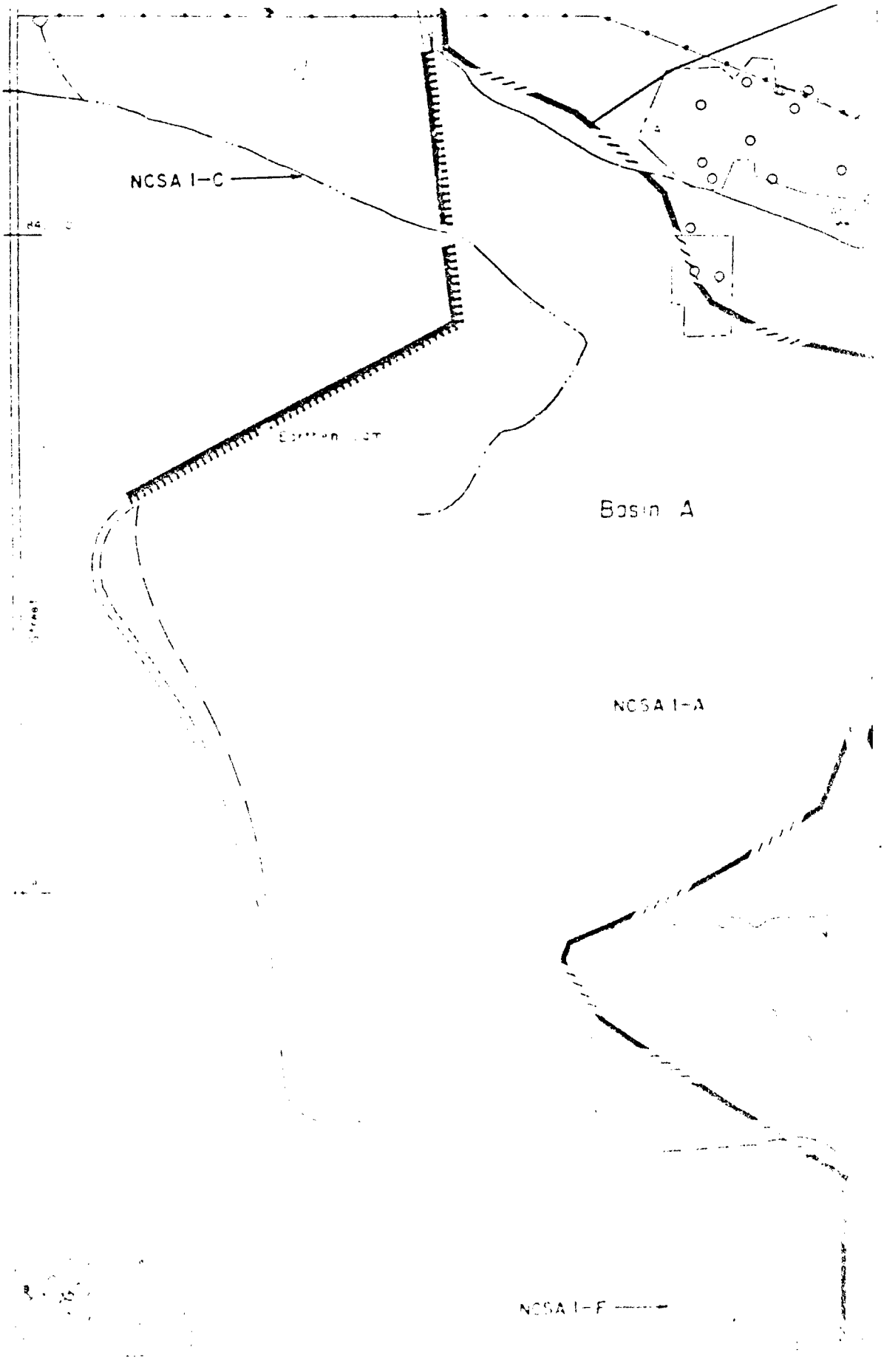
PLATE CSA 2.1-19
Organosulfur Compounds
Mustard Agent Related
in Soils in the 2-5 ft. Interval

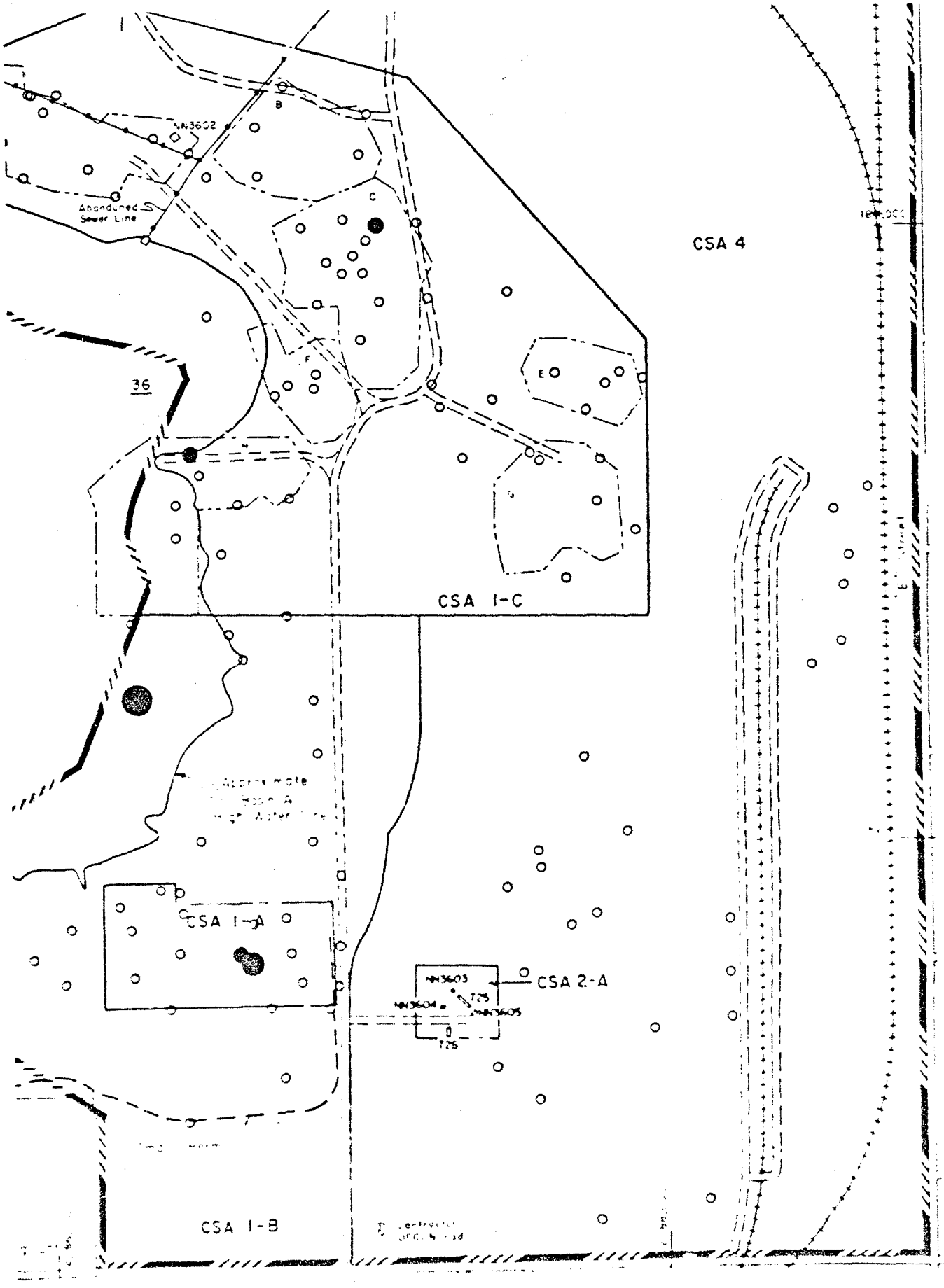
Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated

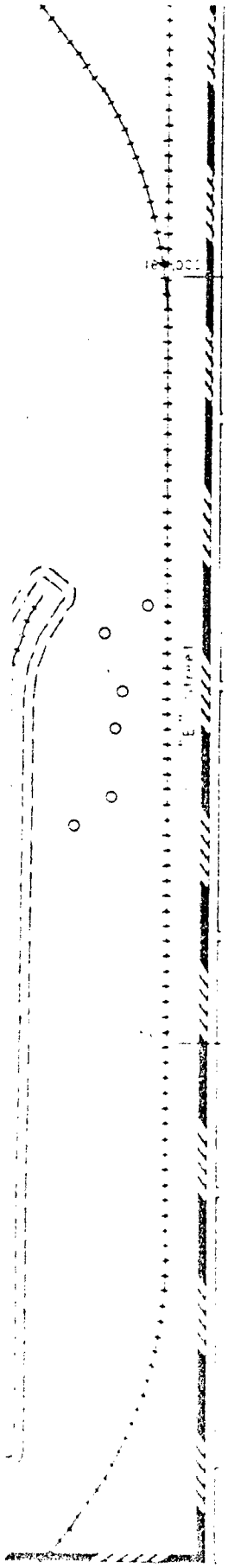

2, 84,000
North Pl
A
NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C
184,000


North Plants
Area
25
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4
Abandoned
Sewer Line

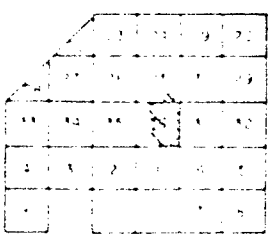

Legend
Improved road
Unimproved road
Stream or ditch
Shore line
9
Section number
186,000
State plane grid
Structure
Railroad tracks
Former structure
Central Study Area boundary
Arsenal boundary
CSA 1-C
Site boundary
Sanitary sewer
8
Geophysical anomaly
Chemical sewer
ANALYTE SAMPLE LOCATION
AND CONCENTRATION (ug/g)
Below Certified Reporting Limit (BCRL)
0.30 - 1.0
1.0 - 10
10 - 100
>100


NCSA I-C
Basin A
NCSA I-A
NCSA I-F


MW3602
Abandoned Sewer Line
CSA 4
36
CSA 1-C
CSA 1-A
MW3603
CSA 2-A
MW3604
MW3605
CSA 1-B

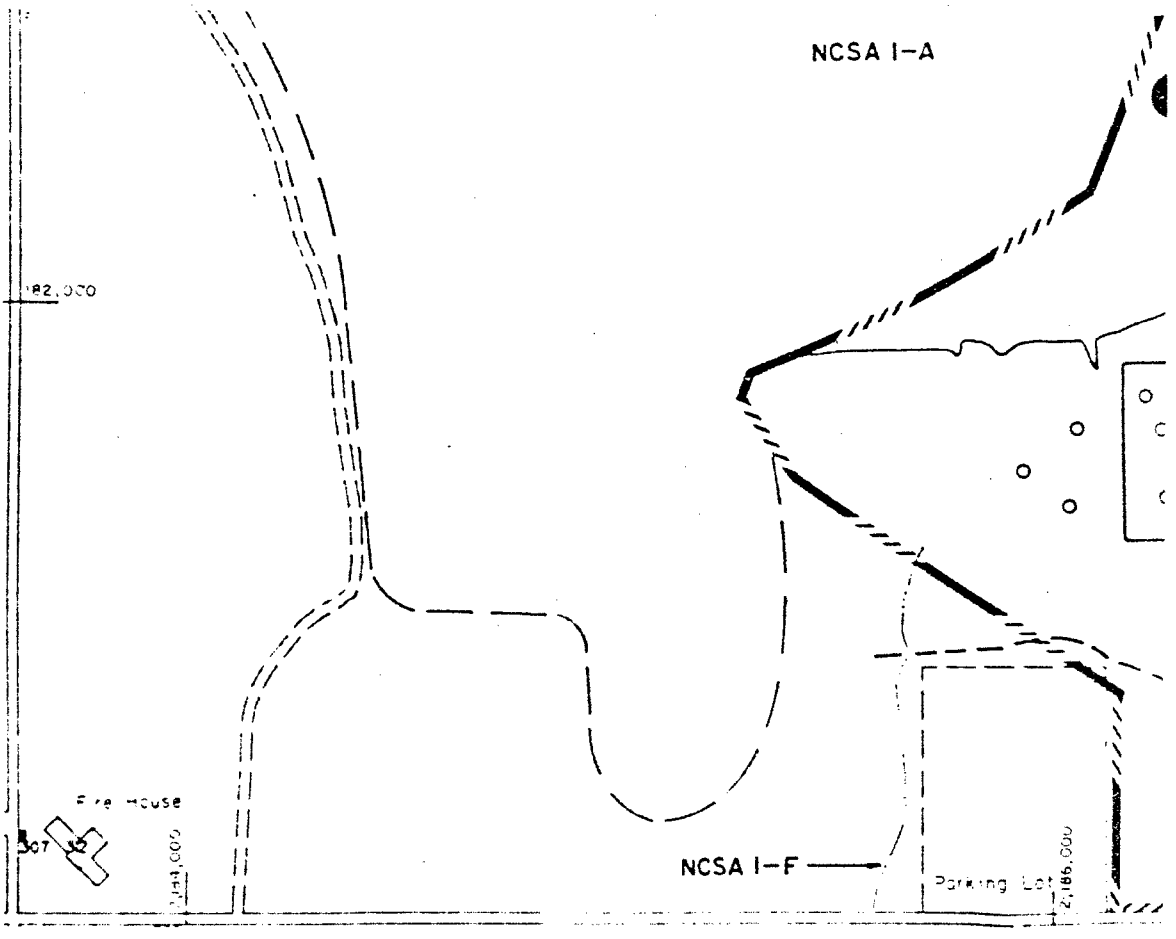


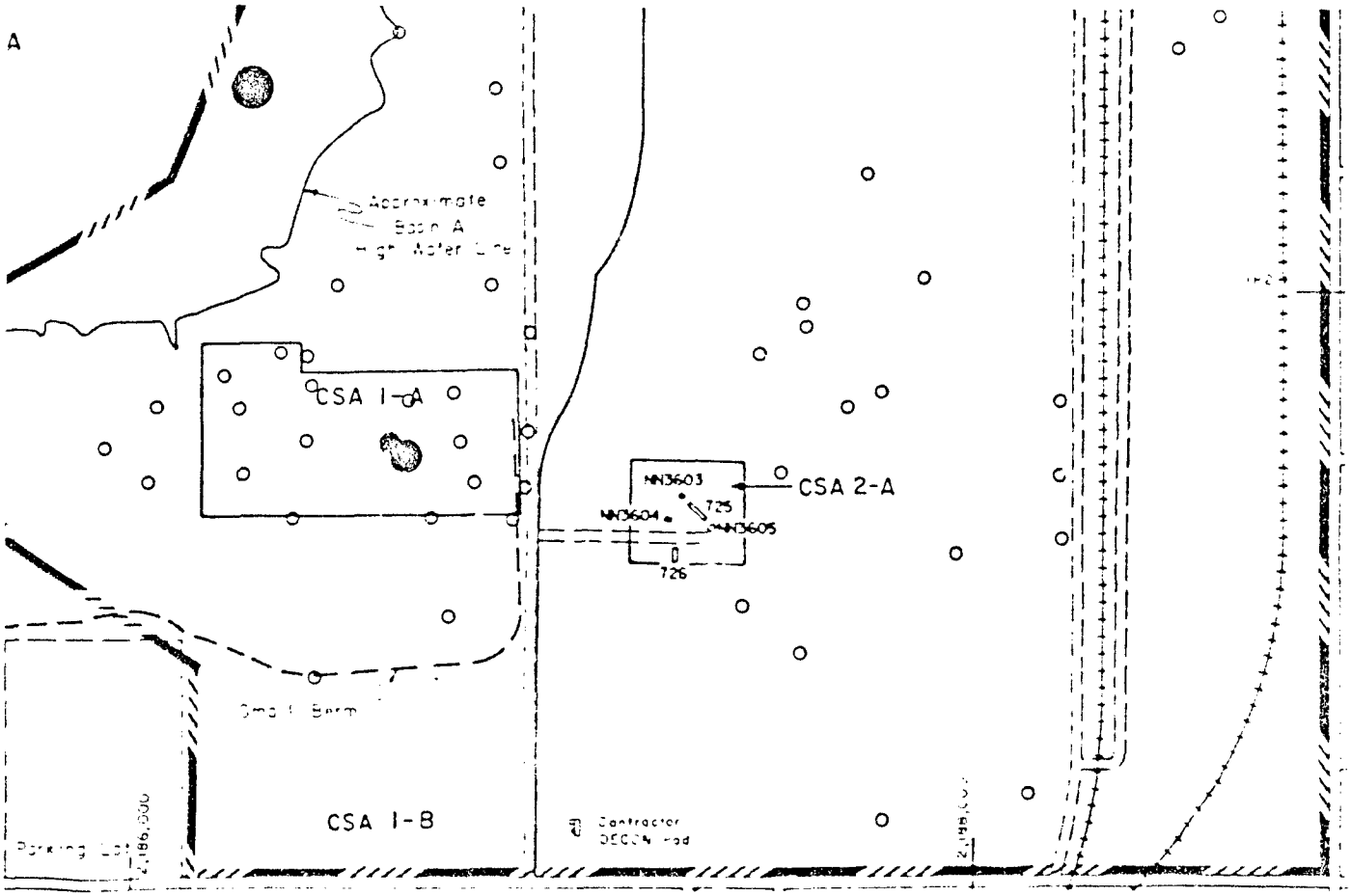
ROCKY MOUNTAIN ARSENAL
LOCATION

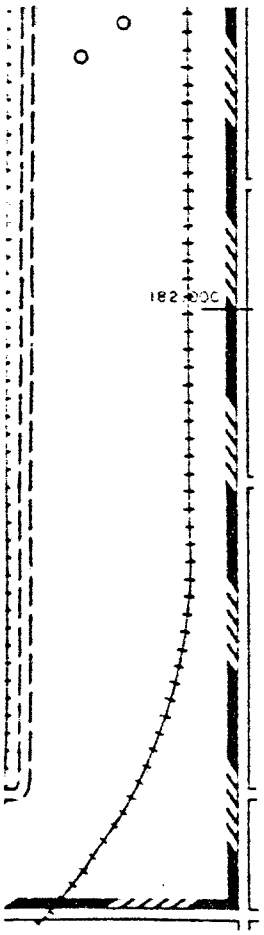


1" = 4 MILES

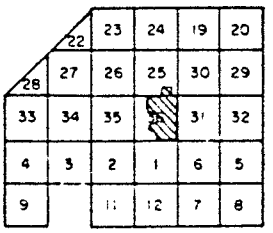



NCSA I-A
182,000
Fire House
307
NCSA I-F
Parking Lot
2,186,000

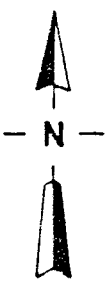

A
Approximate
Basin A
High Water Line
CSA 1-A
CSA 2-A
MW3603
MW3604
MW3605
725
726
Small Berm
CSA 1-B
Parking Lot
Contractor
DECON Pad

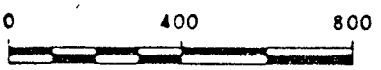


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





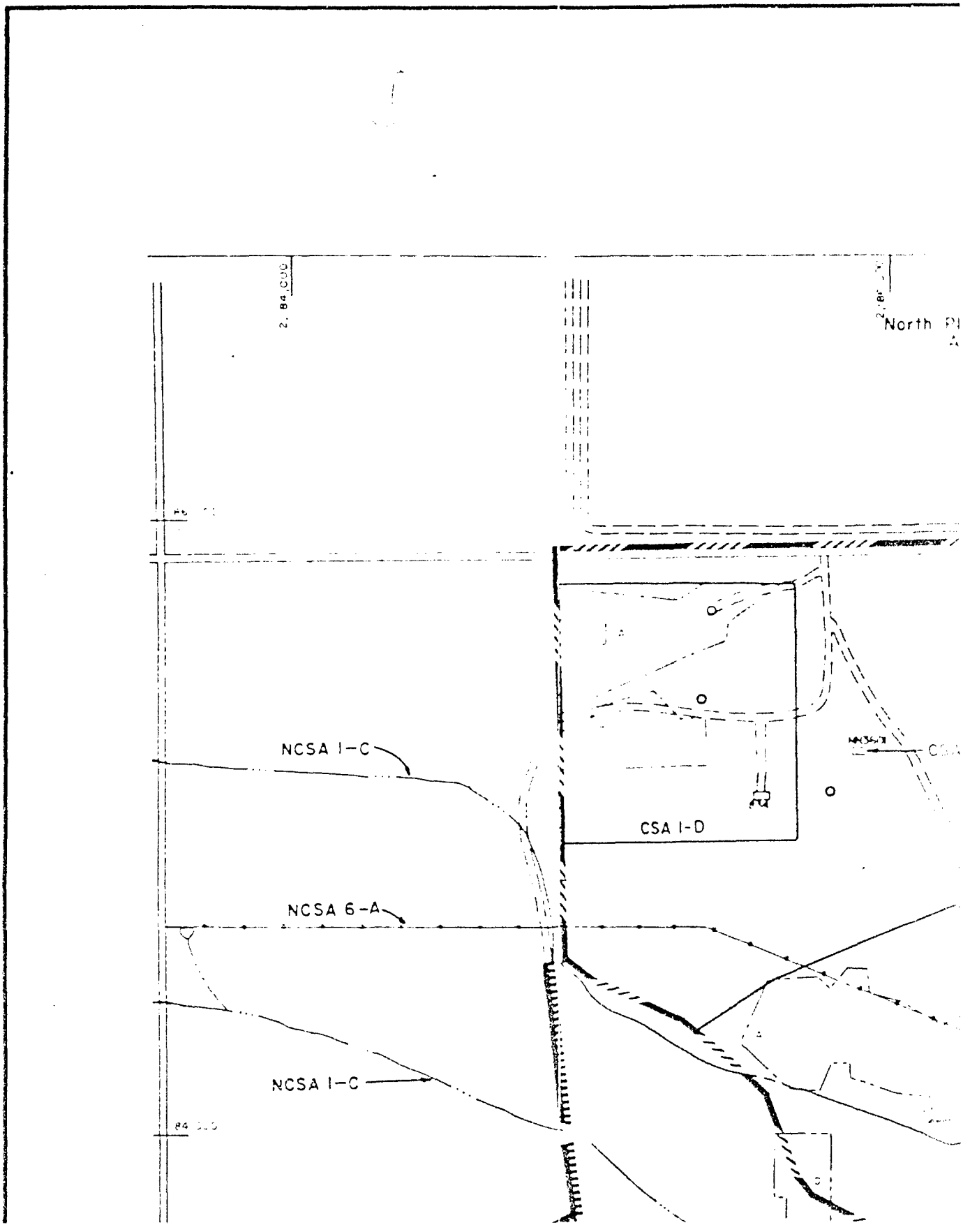
Scale in feet

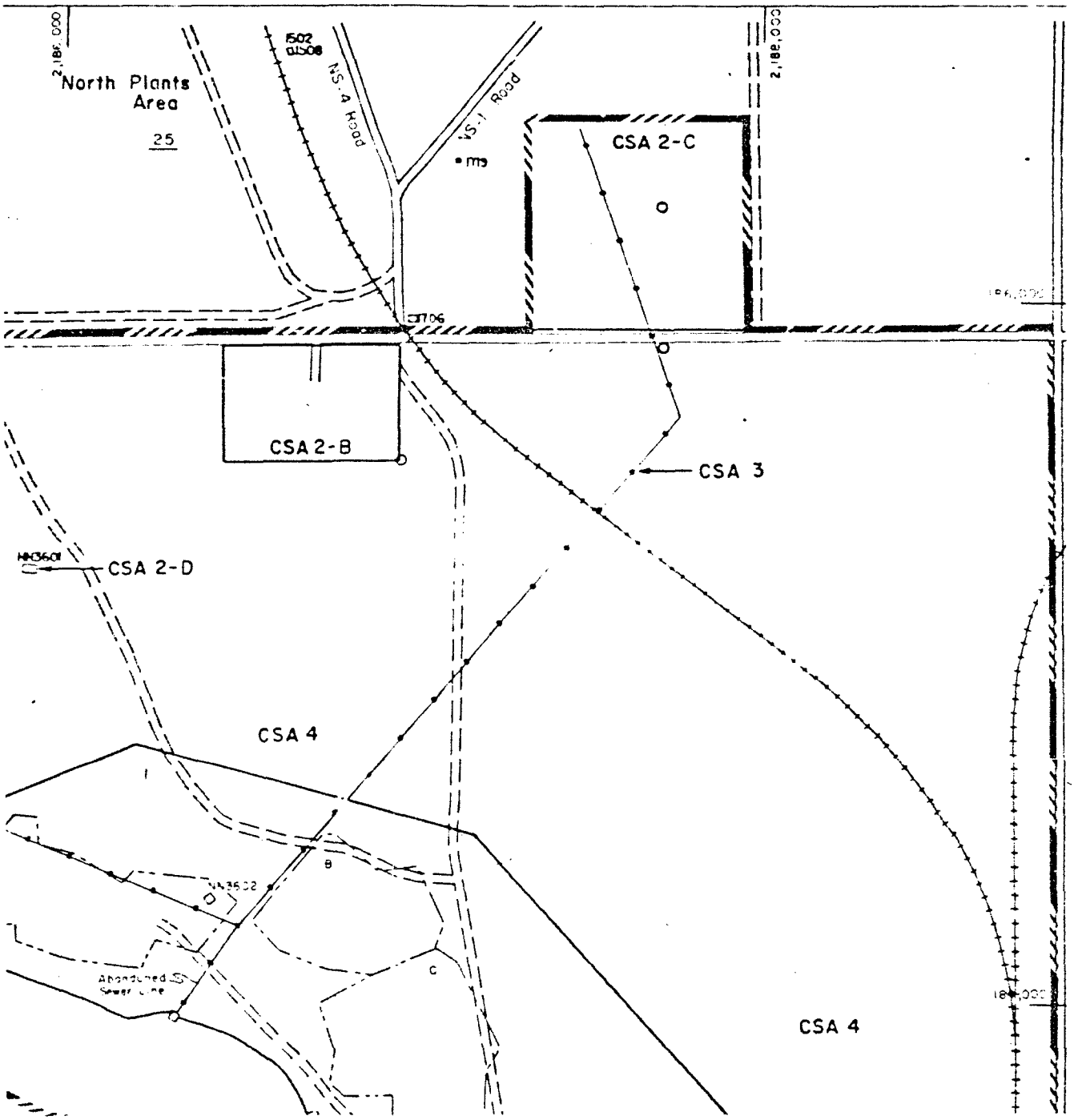
Prepared for:

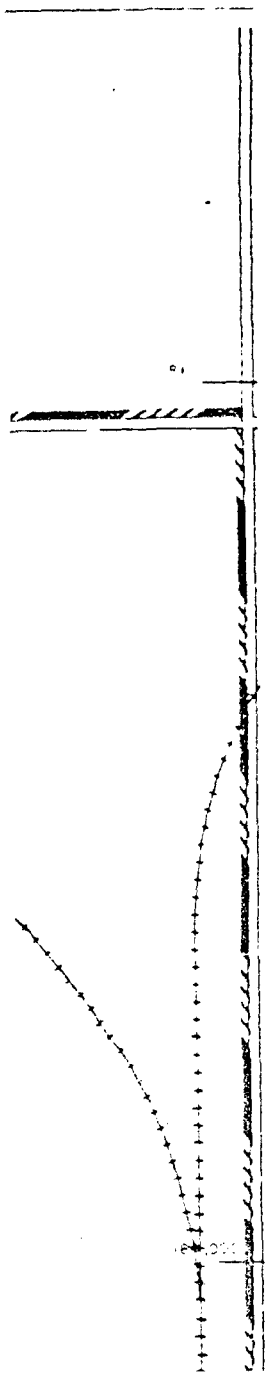
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-20
Organosulfur Compounds
Mustard Agent Related
in Soils in the 5-20 ft. Interval

Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated


NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C


North Plants Area
25
2,185,000
2,188,000
1502
0508
N.S. 4 Road
N.S. 1 Road
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4
Abandoned Sewer Line

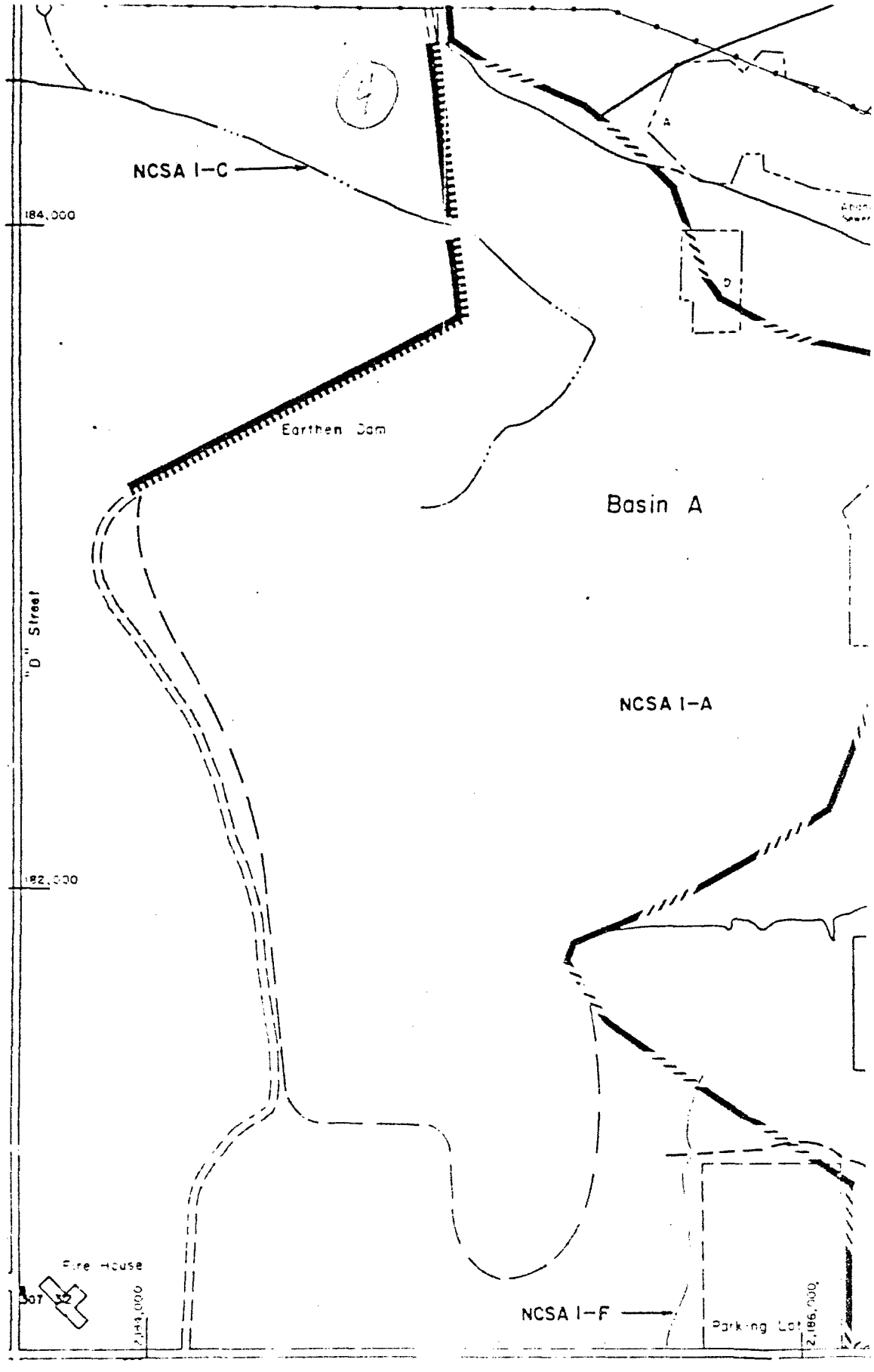


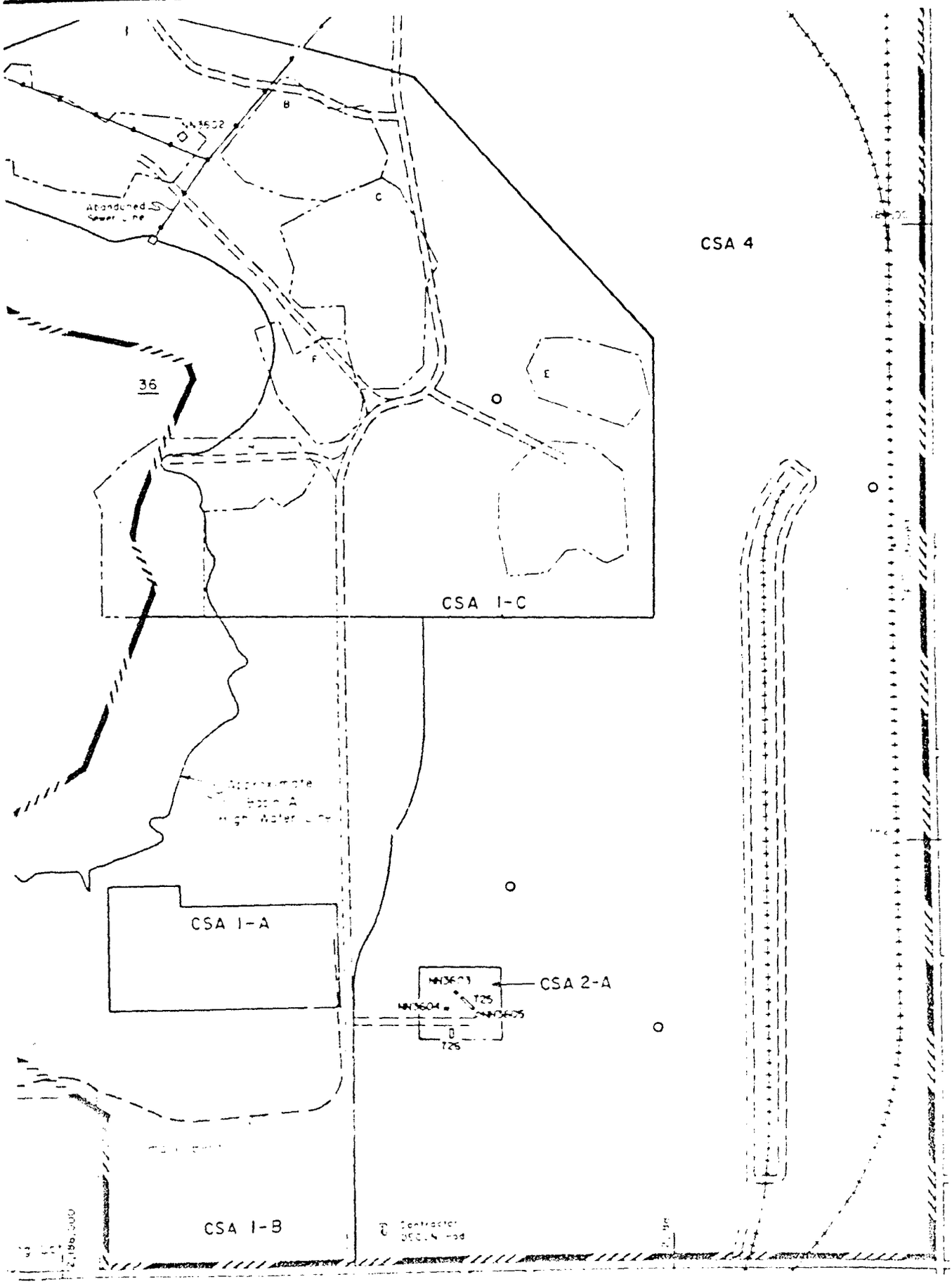
Legend

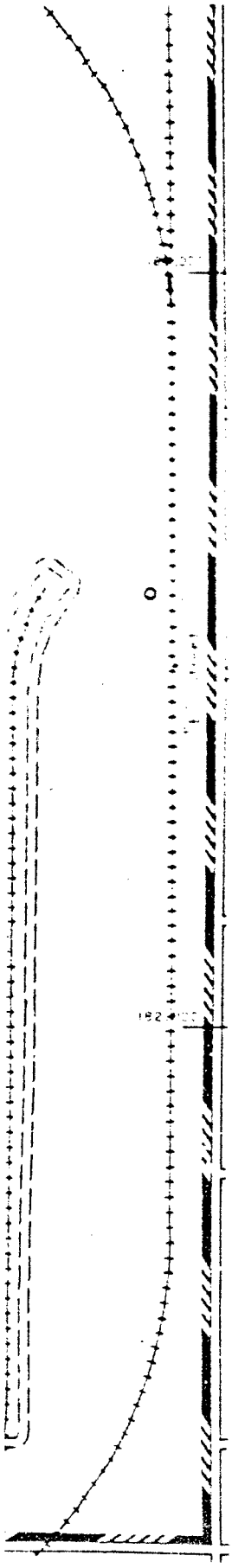
- Improved road
- Unimproved road
- Stream or ditch
- Shore line
- 9 Section number
- 186,000 State plane grid
- Structure
- Railroad tracks
- Former structure
- Central Study Area boundary
- Arsenal boundary
- CSA 1-C Site boundary
- Sanitary sewer
- B Geophysical anomaly
- Chemical sewer

ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

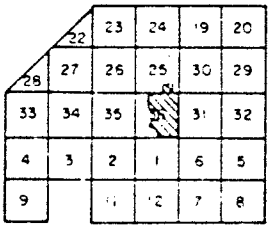
- o Below Certified Reporting Limit (BCRL)
- ● 0.30 - 1.0
- ● 1.0 - 10
- ● 10 - 100
- ● >100


NCSA I-C
184,000
Earthen Dam
Basin A
"D" Street
NCSA I-A
182,000
Fire House
NCSA I-F
Parking Lot
2,186,000

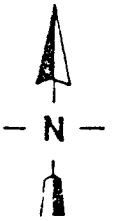

CSA 4
CSA 1-C
CSA 1-A
CSA 1-B
CSA 2-A
36
B
C
E
F
Abandoned Sewer Line

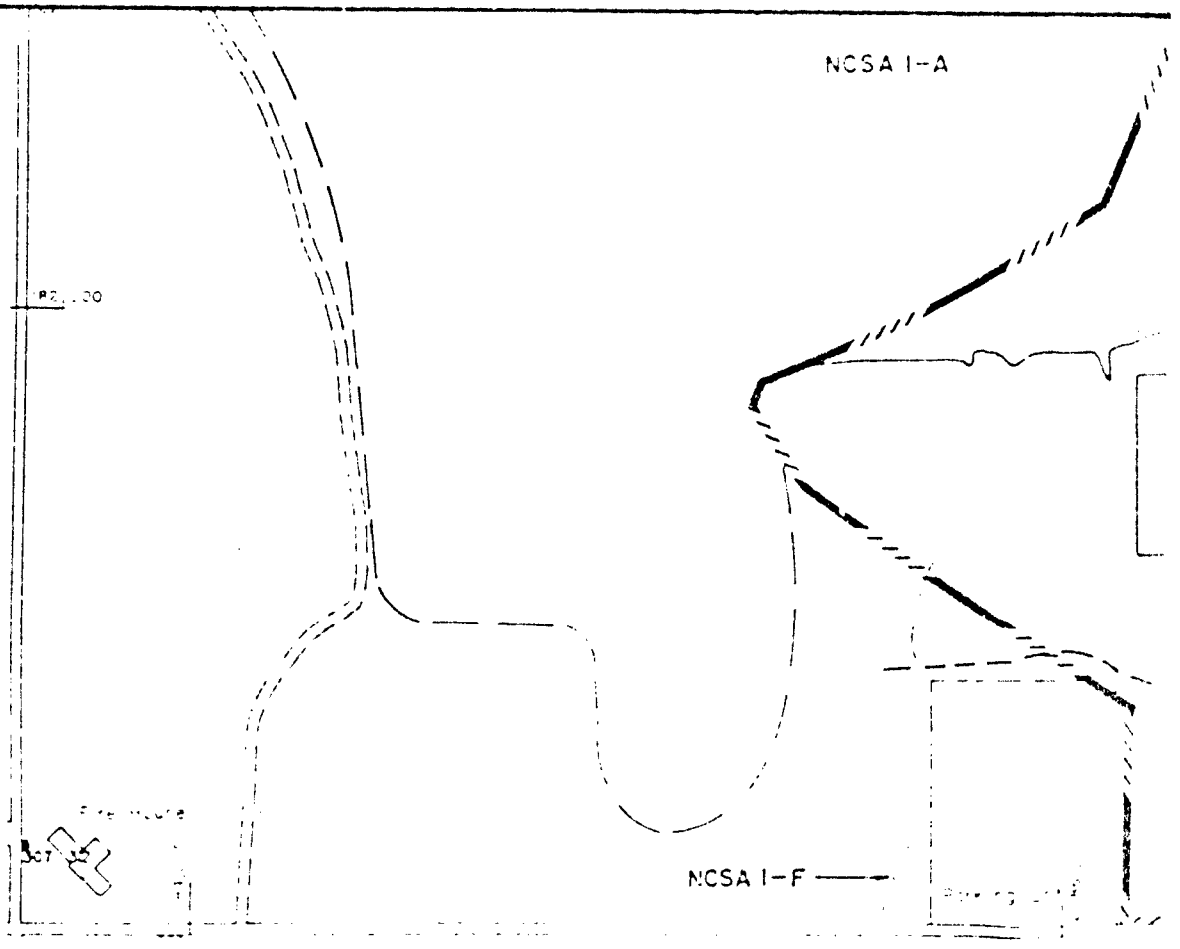


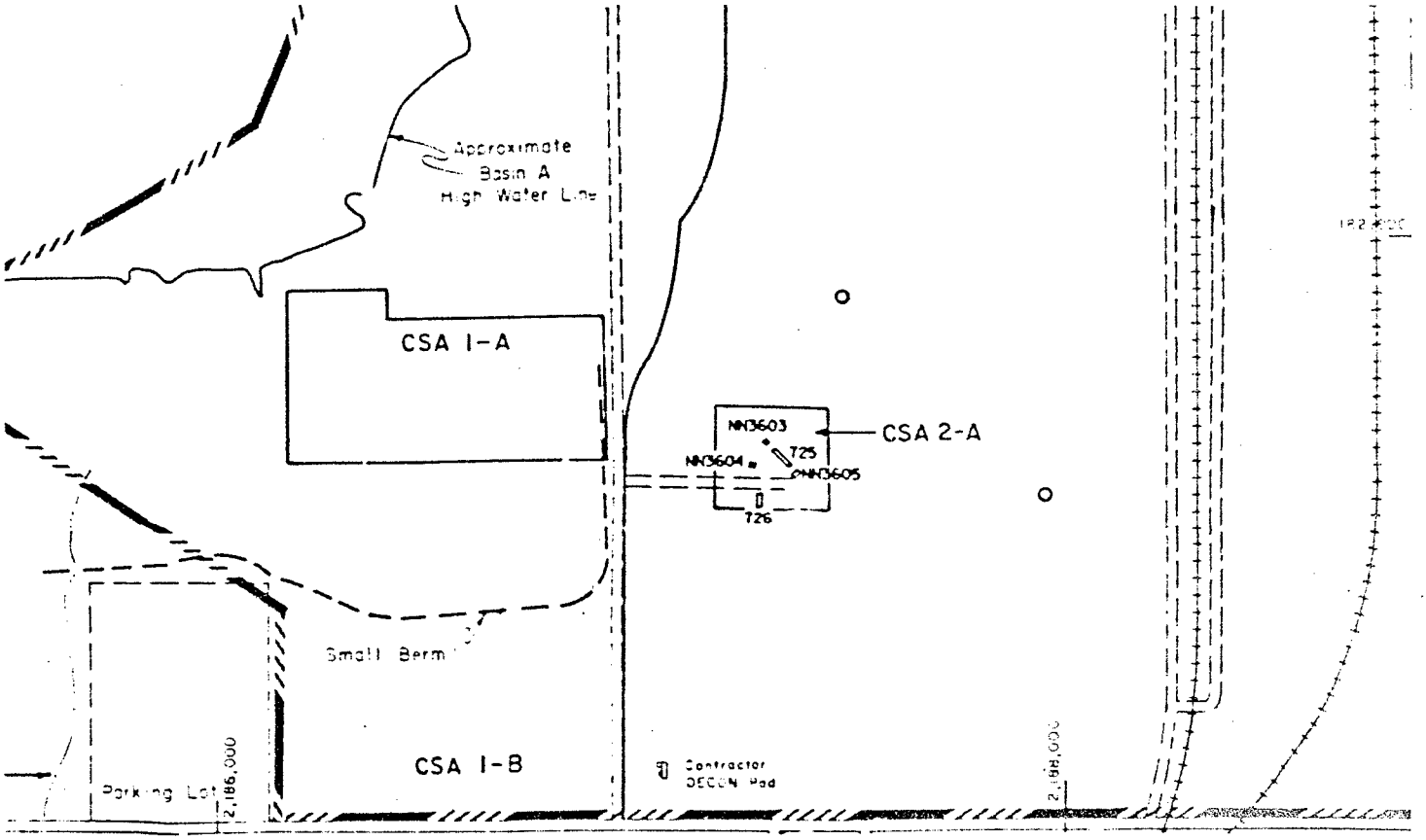
ROCKY MOUNTAIN ARSENAL
LOCATION

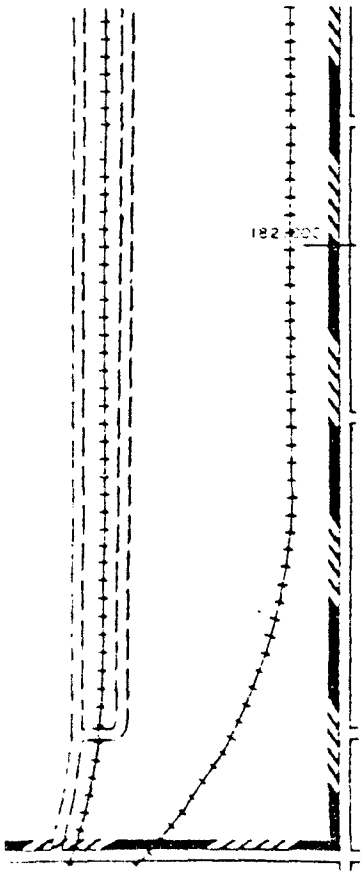


1" = 4 MILES

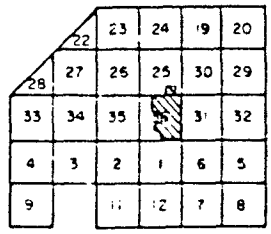



NCSA I-A
NCSA I-F

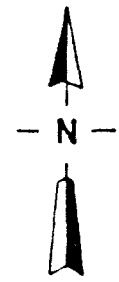

Approximate
Basin A
High Water Line
CSA 1-A
CSA 2-A
NN3603
725
NN3604
NN3605
726
Small Berm
CSA 1-B
Contractor
DECON Pad
Parking Lot
2,186,000
2,186,000

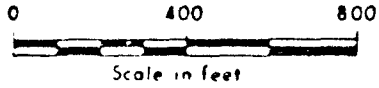


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





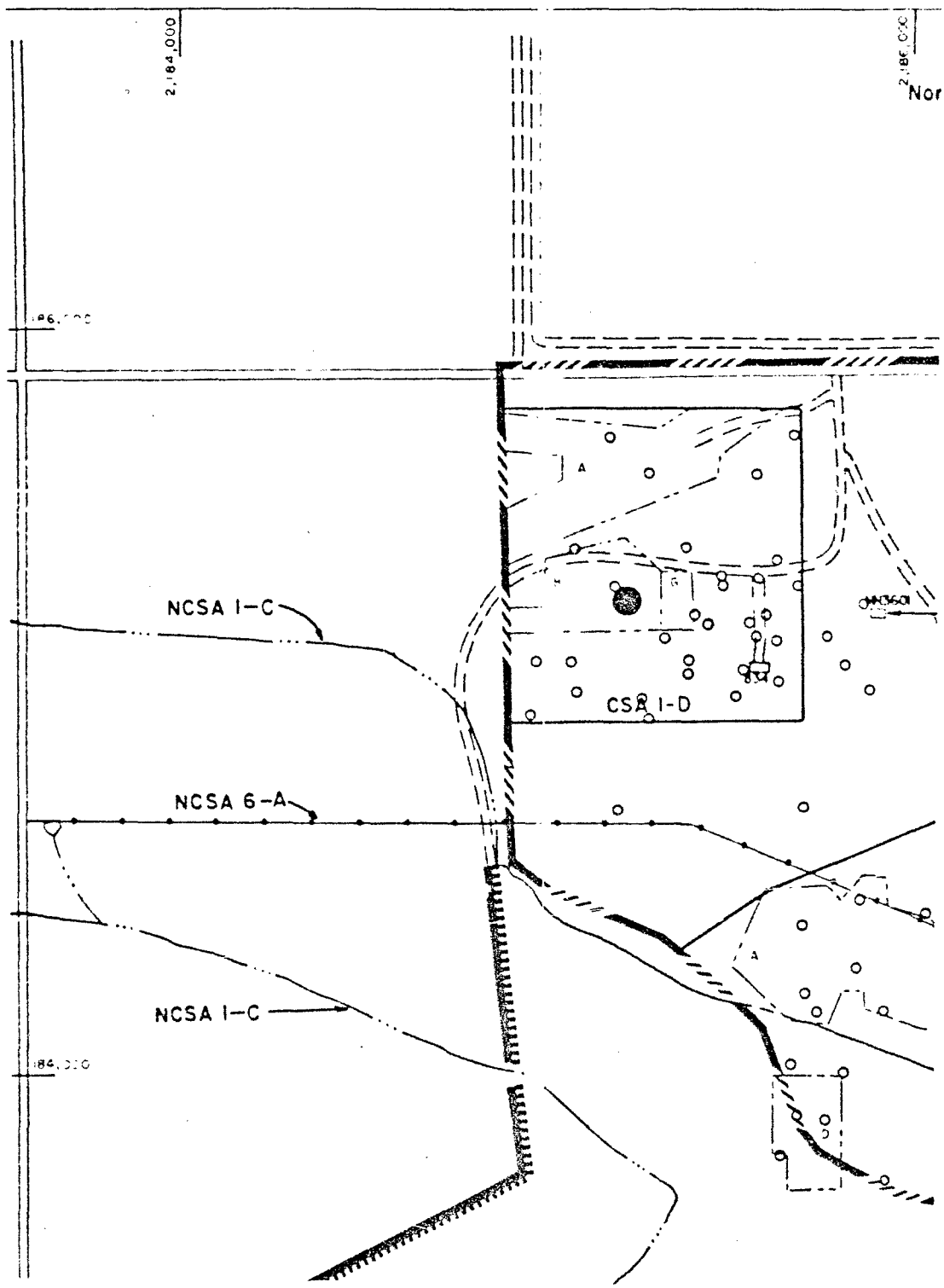
Prepared for:

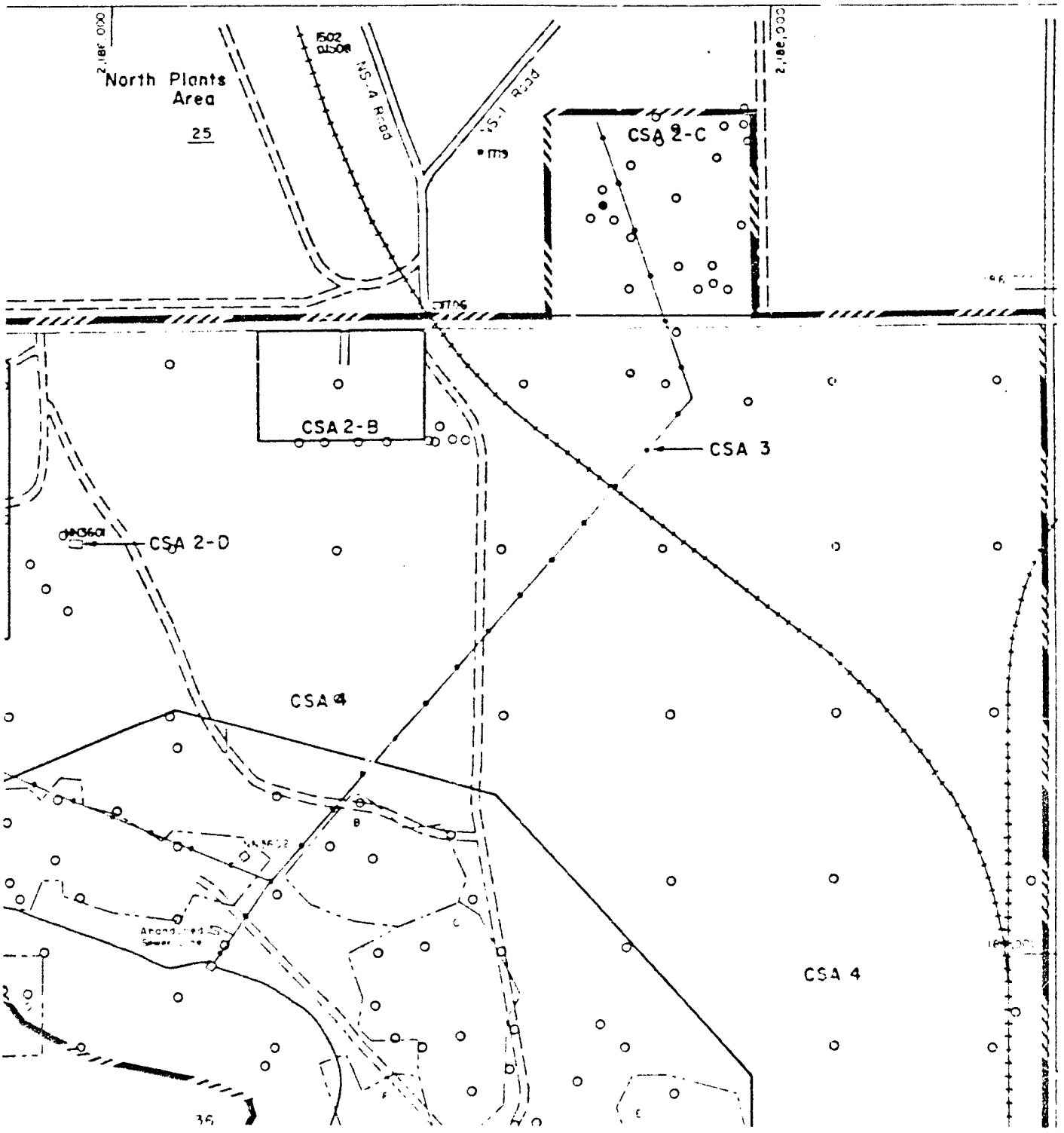
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

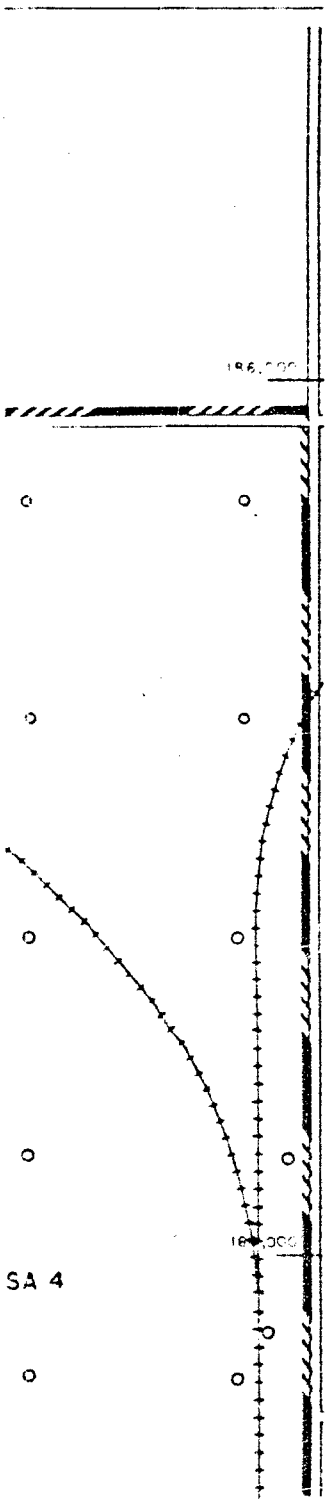
PLATE CSA 2.1-21
Organosulfer Compounds
Mustard Agent Related
in Soils in the > 20 ft. Interval

Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated

(1)




North Plants Area
25
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4

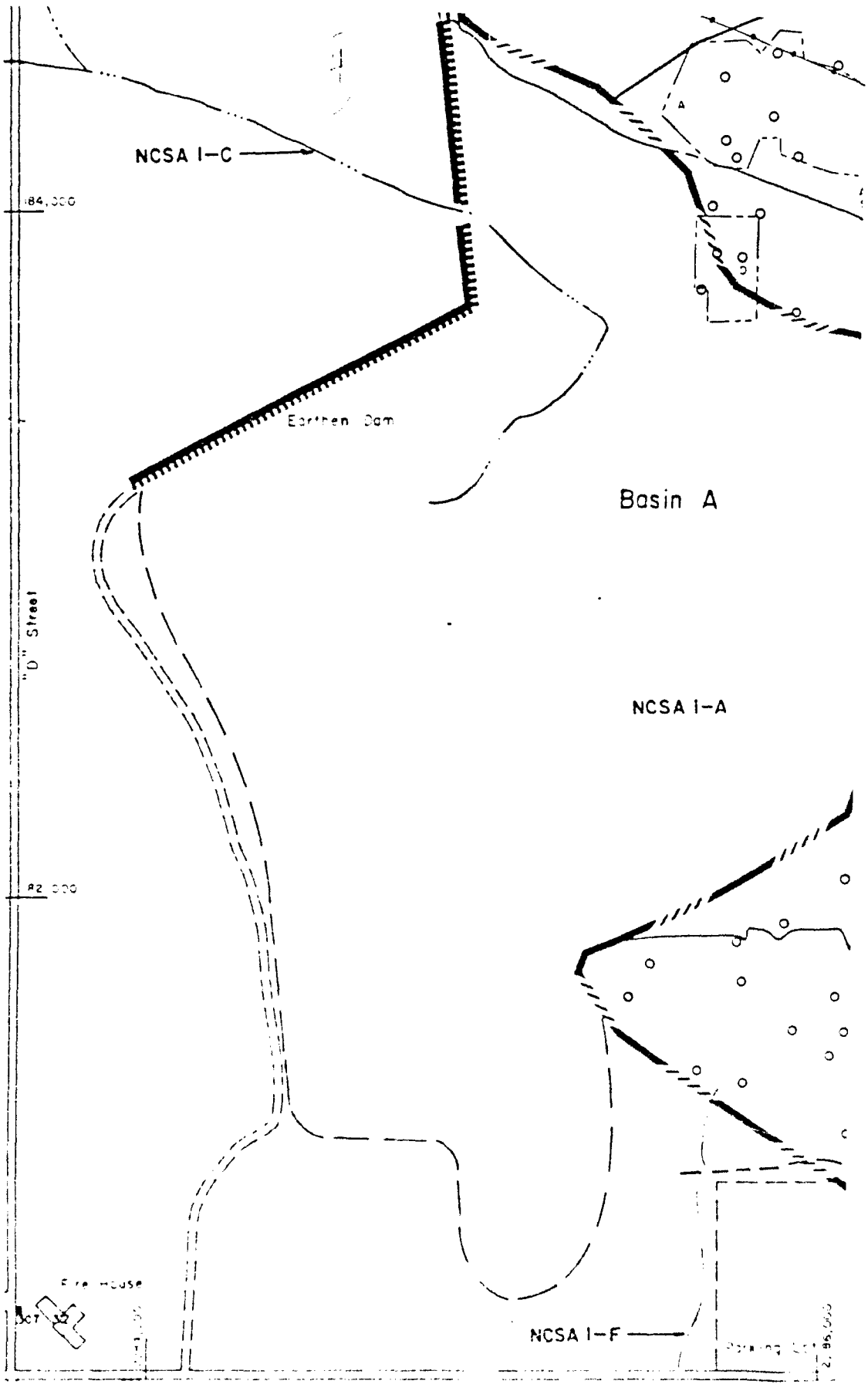


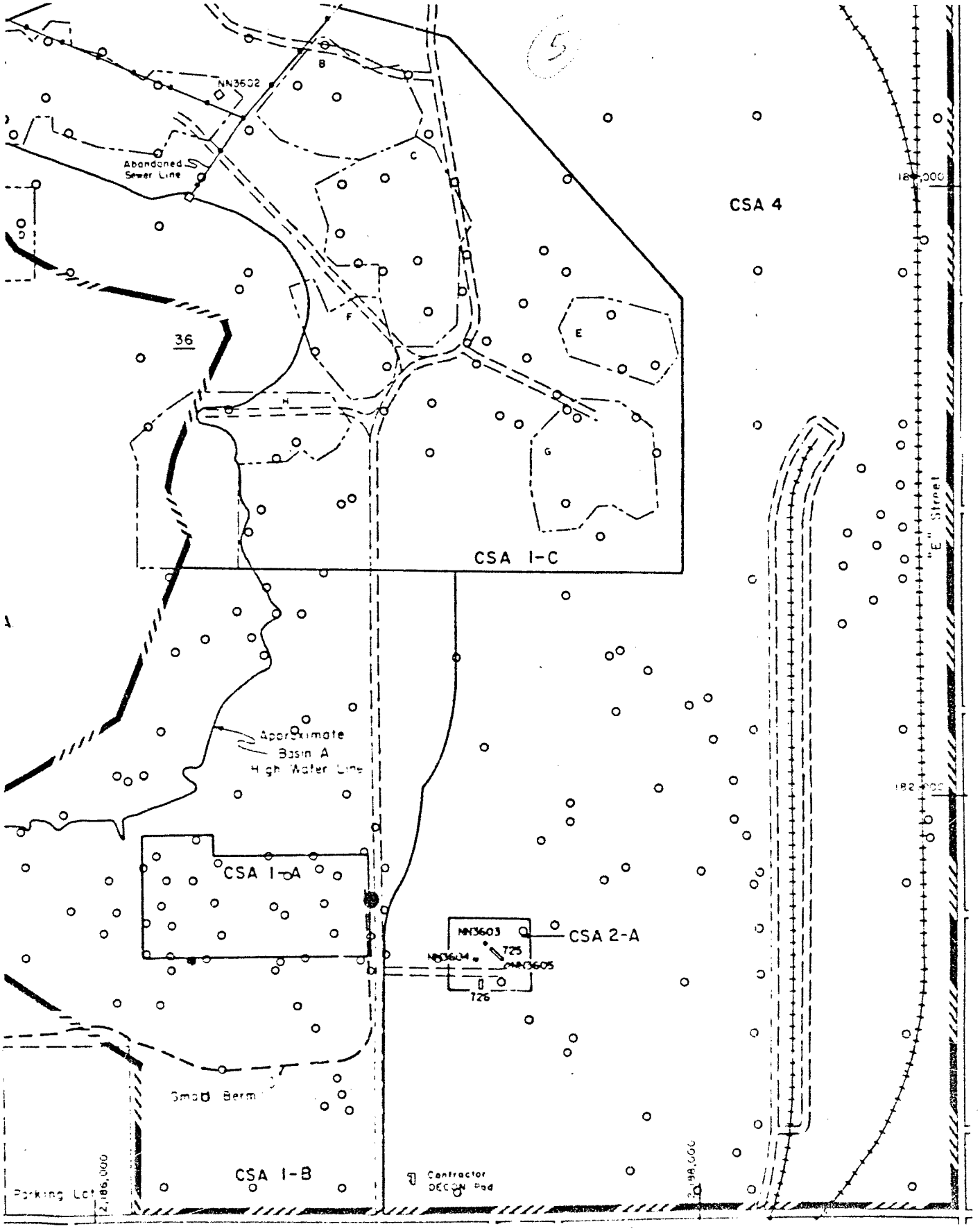
Legend

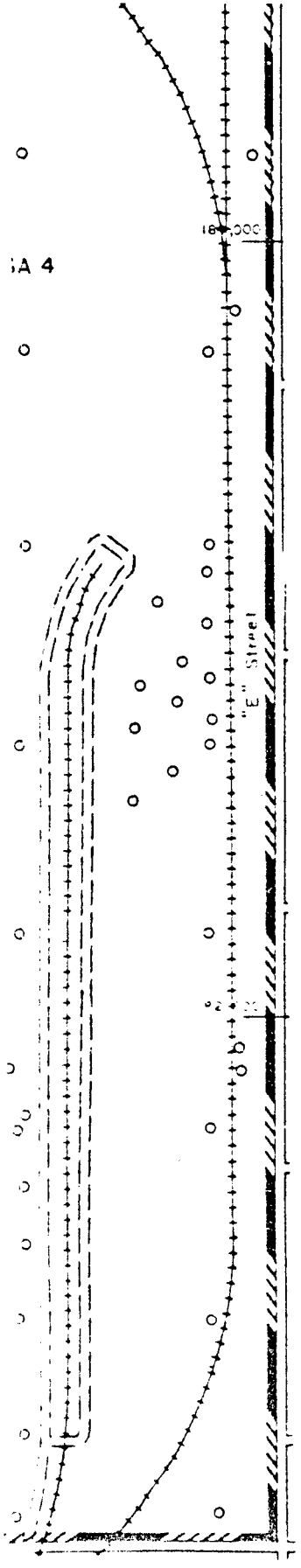
- Improved road
- Unimproved road
- Stream or ditch
- Shore line
- 9 Section number
- 185,000 State plane grid
- Structure
- Railroad tracks
- Former structure
- Central Study Area boundary
- Arsenal boundary
- CSA 1-C Site boundary
- Sanitary sewer
- B Geophysical anomoly
- Chemical sewer

ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

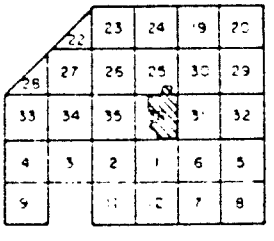
- o Below Certified Reporting Limit (BCRL)
- ● 0.30 - 1.0
- ● 1.0 - 10
- ● 10 - 100
- ● >100


NCSA I-C
184,000
Earthen Dam
Basin A
"D" Street
NCSA I-A
182,000
Fire House
NCSA I-F

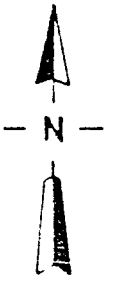

NN3602
B
C
Abandoned Sewer Line
CSA 4
36
F
E
G
CSA 1-C
"E" Street
Approximate Basin A High Water Line
CSA 1-A
NN3603
CSA 2-A
725
NN3604
NN3605
726
Small Berm
CSA 1-B
Contractor DECON Pad
Parking Lot
2,186,000
2,188,000
182,000

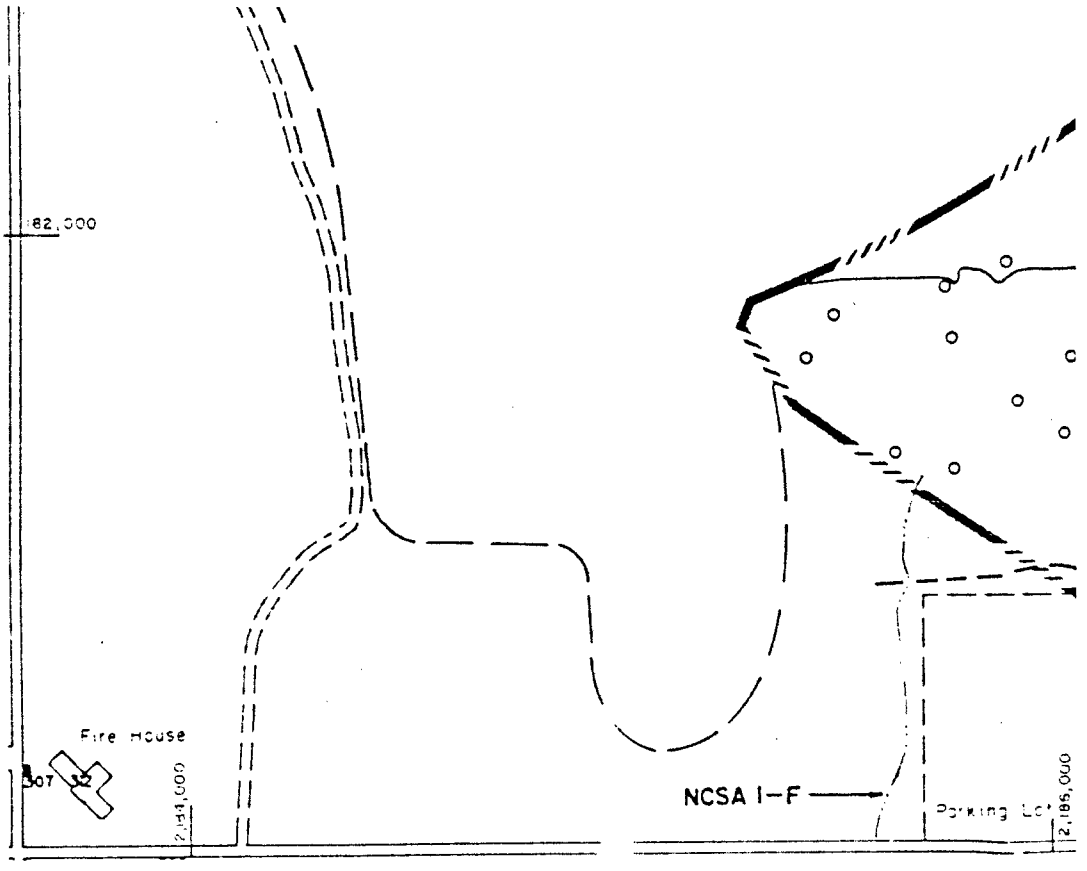


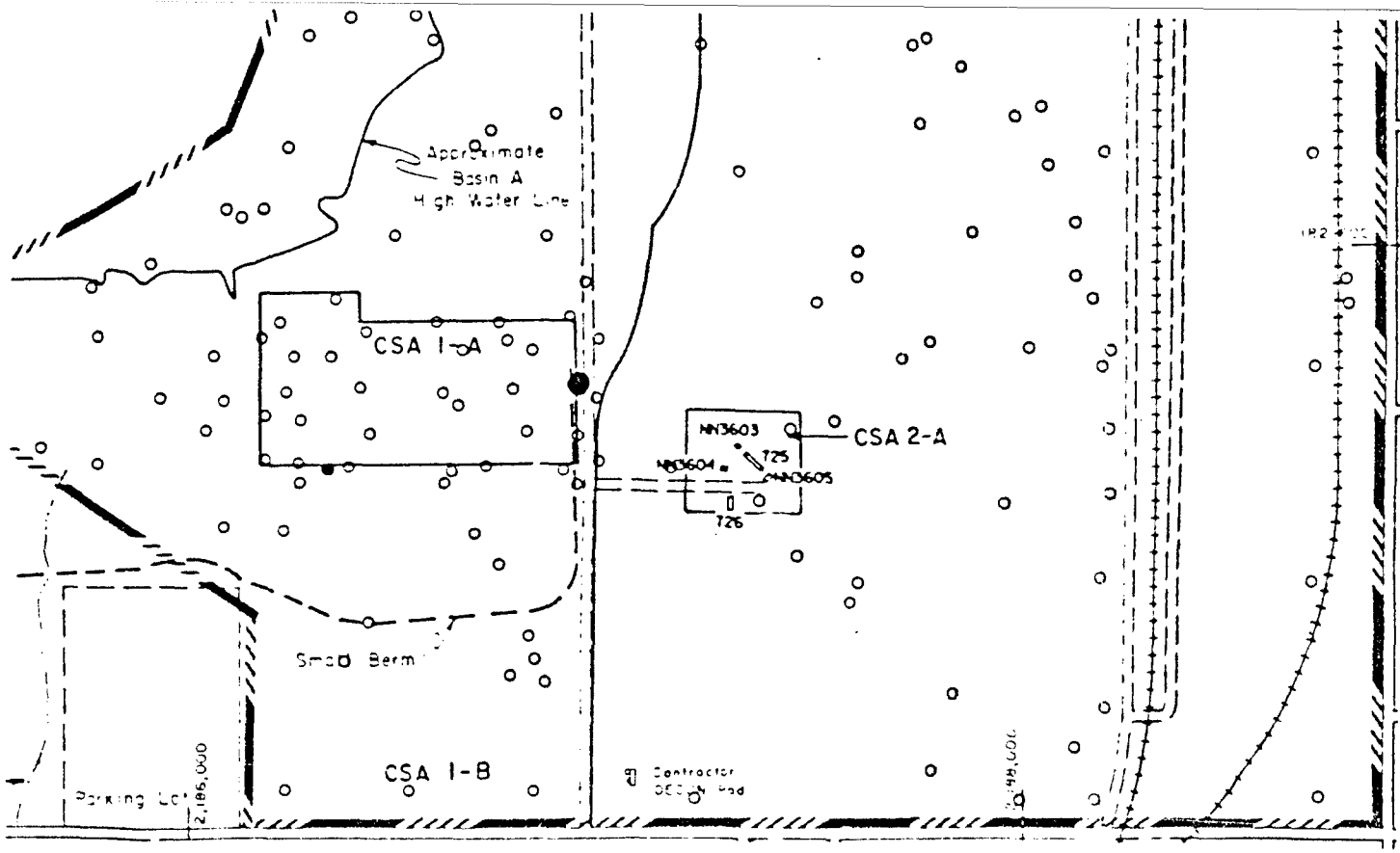
ROCKY MOUNTAIN ARSENAL
LOCATION

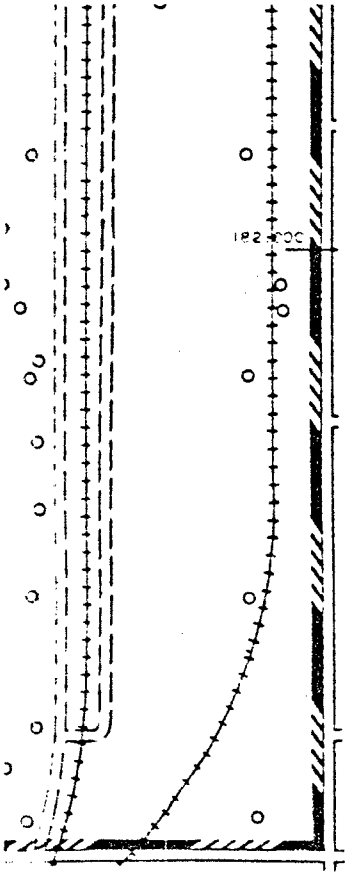


1" = 4 MILES

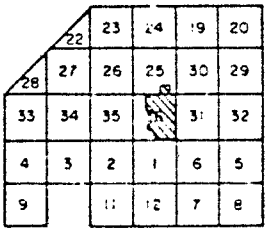



182,000
Fire House
307
32
2,184,000
NCSA I-F
Parking Lot
2,186,000

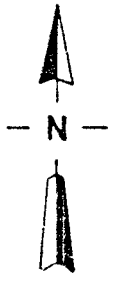

Approximate
Basin A
High Water Line
CSA 1-A
CSA 2-A
MW3603
725
MW3604
MW3605
726
Small Berm
CSA 1-B
Parking Lot
2,186,000
Contractor
2,198,000

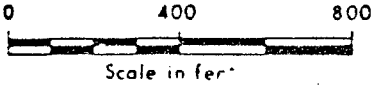


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





Scale in fee

Prepared for:

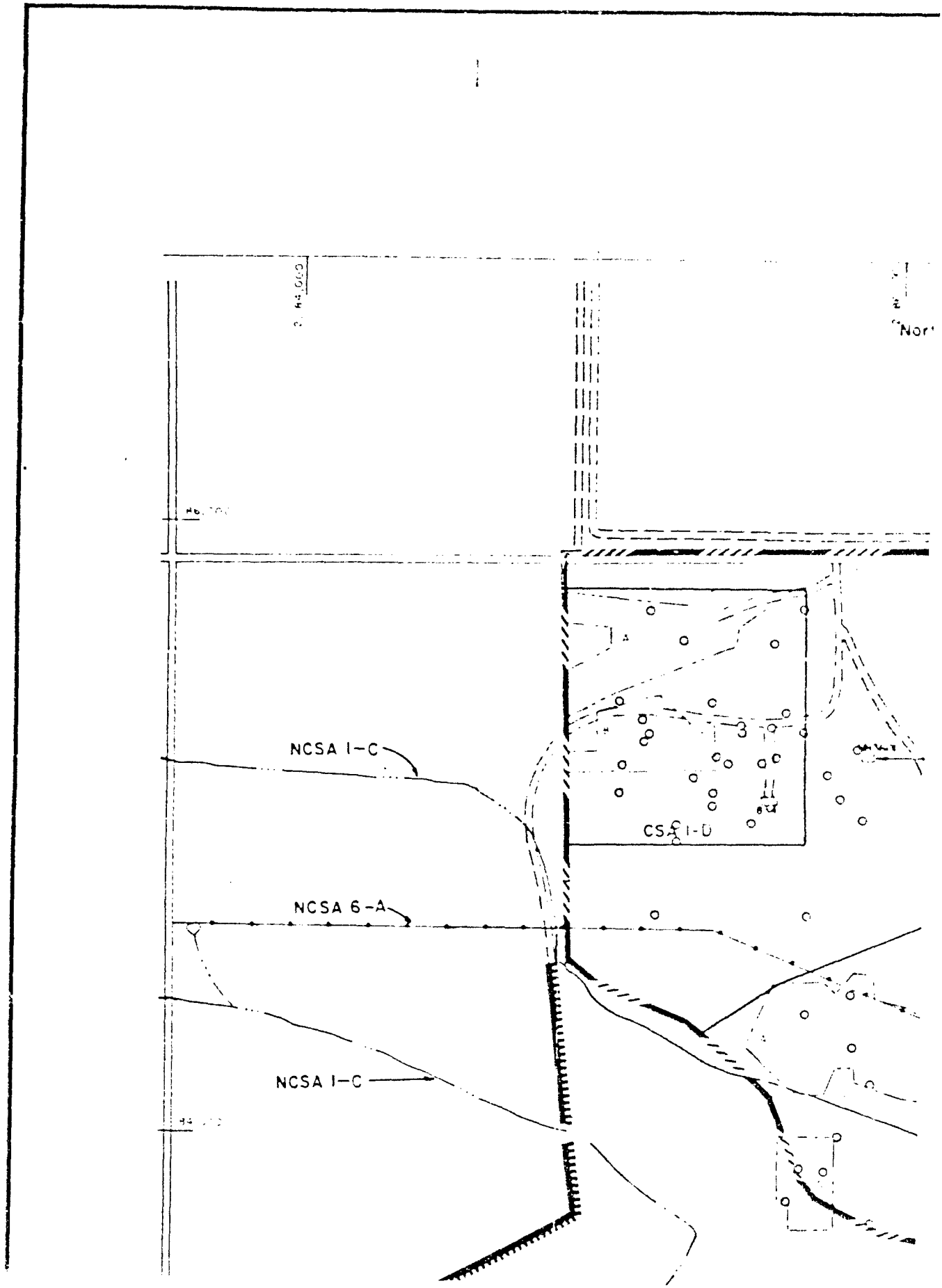
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

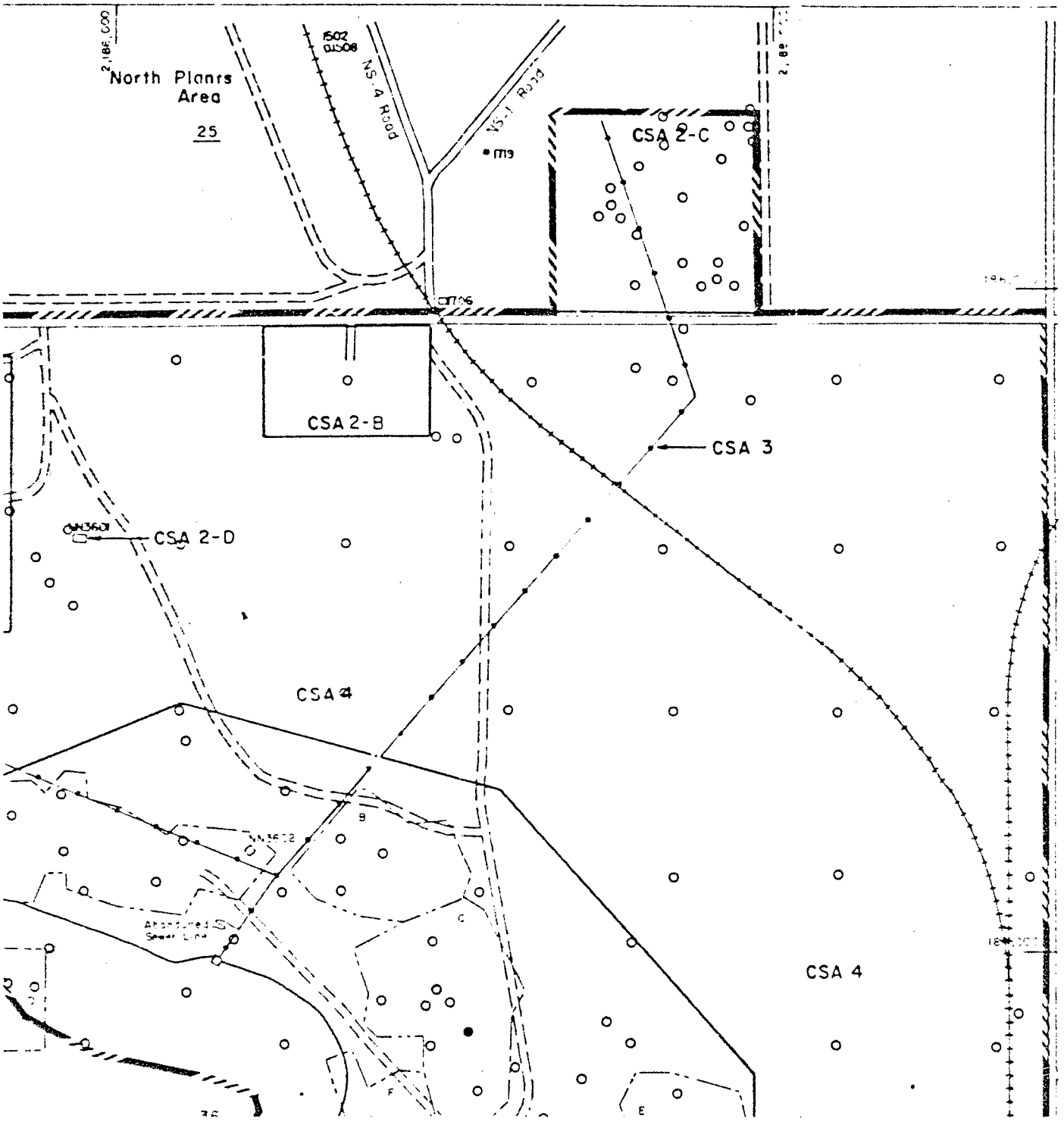
PLATE CSA 2.1-22

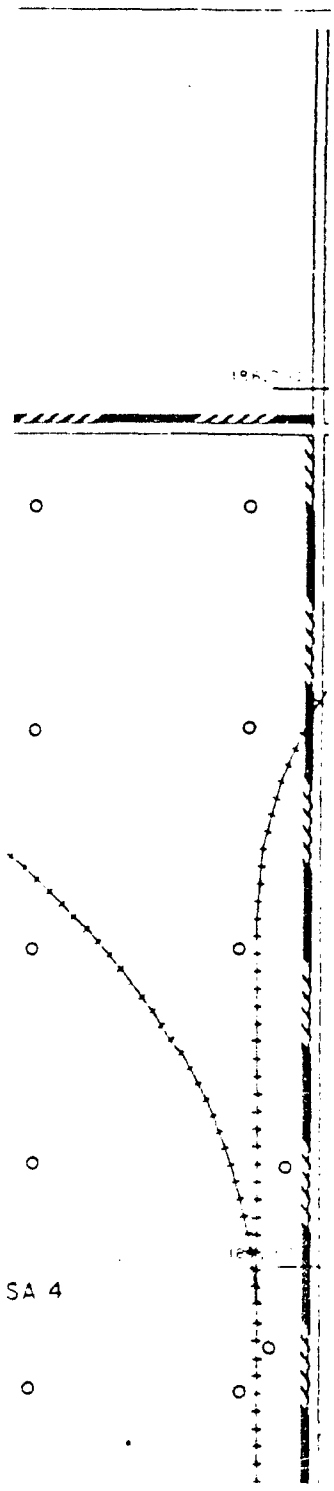
Organosulfur Compounds Herbicide Related in Soils in the 0-2 ft. Interval

Rocky Mountain Arsenal

Prepared by: Ebasco Services Incorporated


NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C


North Planrs Area
25
NS-4 Road
NS-1 Road
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4
CSA 4

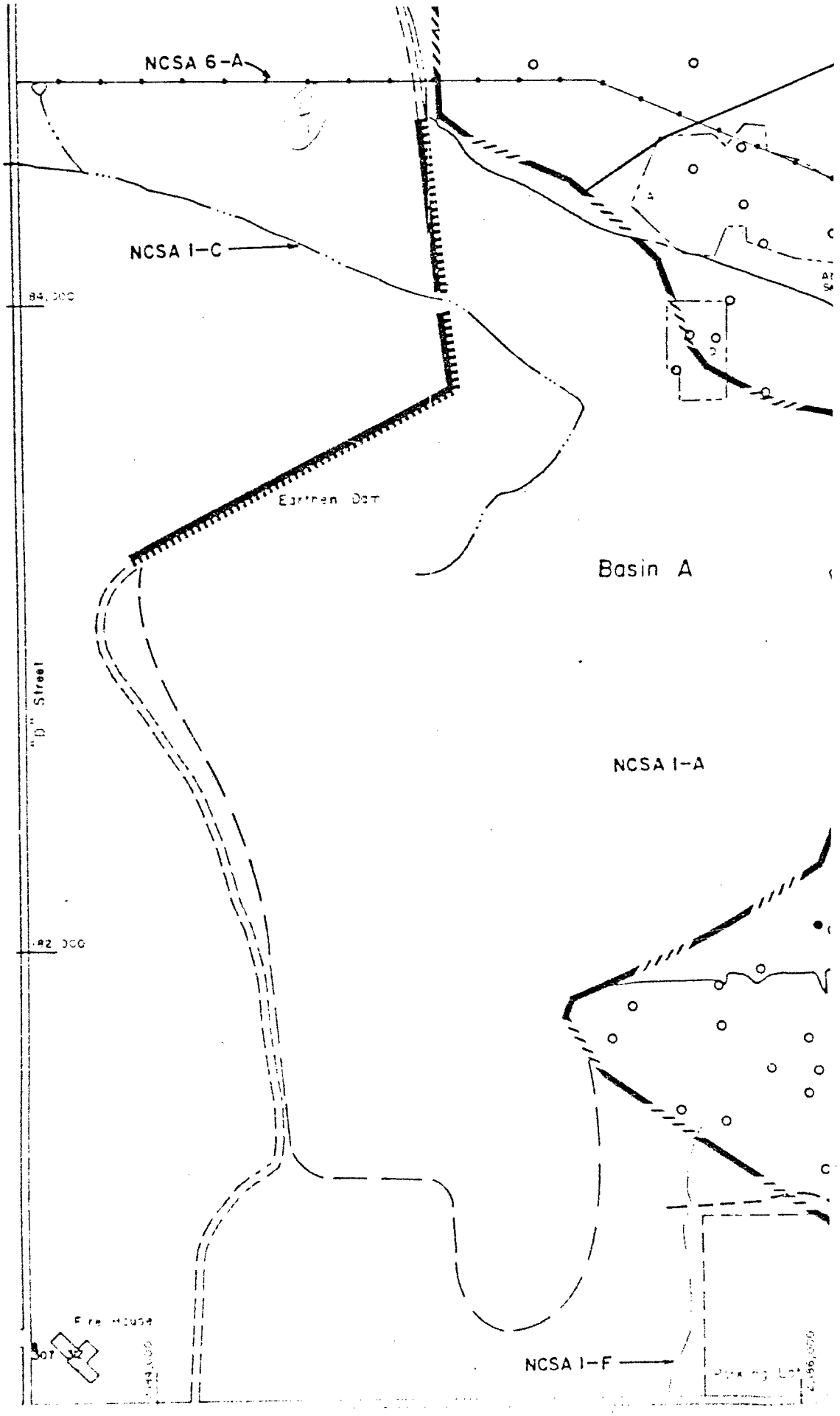


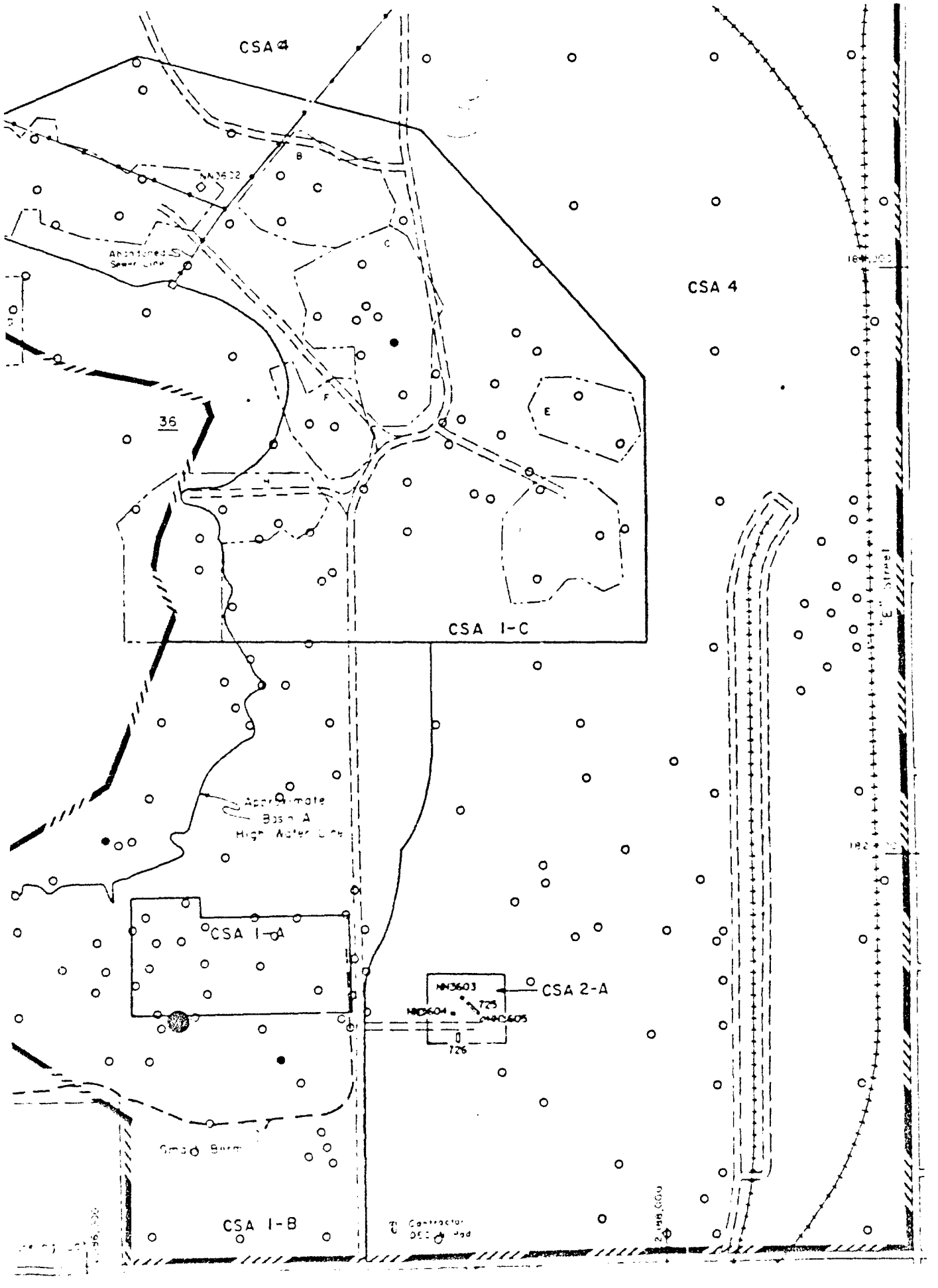
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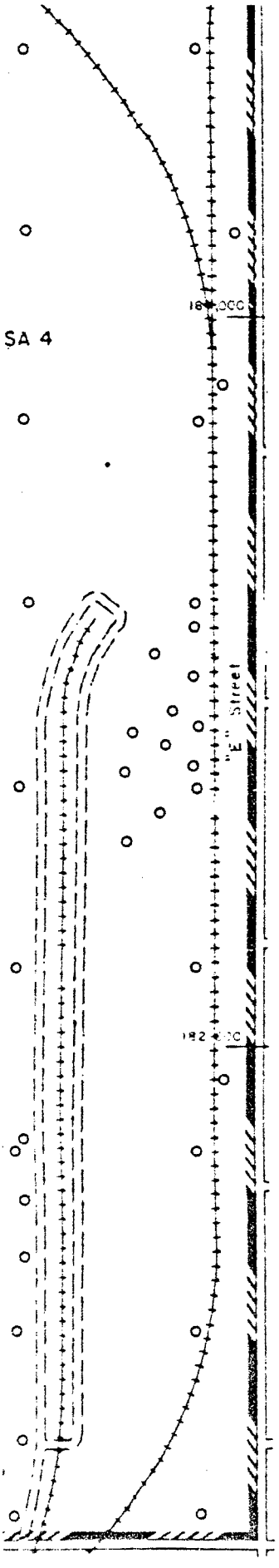
- Improved road
- Unimproved road
- Stream or ditch
- Shore line
- 9 Section number
- 186,000 State plane grid
- Structure
- Railroad tracks
- Former structure
- Central Study Area boundary
- Arsenal boundary
- CSA 1-C Site boundary
- Sanitary sewer
- B Geophysical anomaly
- Chemical sewer

ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

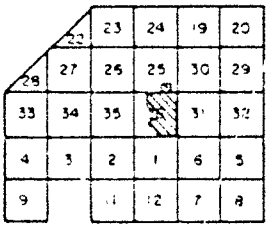
- o Below Certified Reporting Limit (BCRL)
- • 0.30 - 1.0
- ● 1.0 - 10
- ● 10 - 100
- ● >100


NCSA 6-A
NCSA 1-C
Earthen Dam
Basin A
"D" Street
NCSA 1-A
NCSA 1-F
Fire House


CSA 4
CSA 4
36
CSA 1-C
Approximate
Basin A
CSA 1-A
CSA 2-A
MW3603
MW3604
MW3605
725
726
CSA 1-B
Contractor
Pad

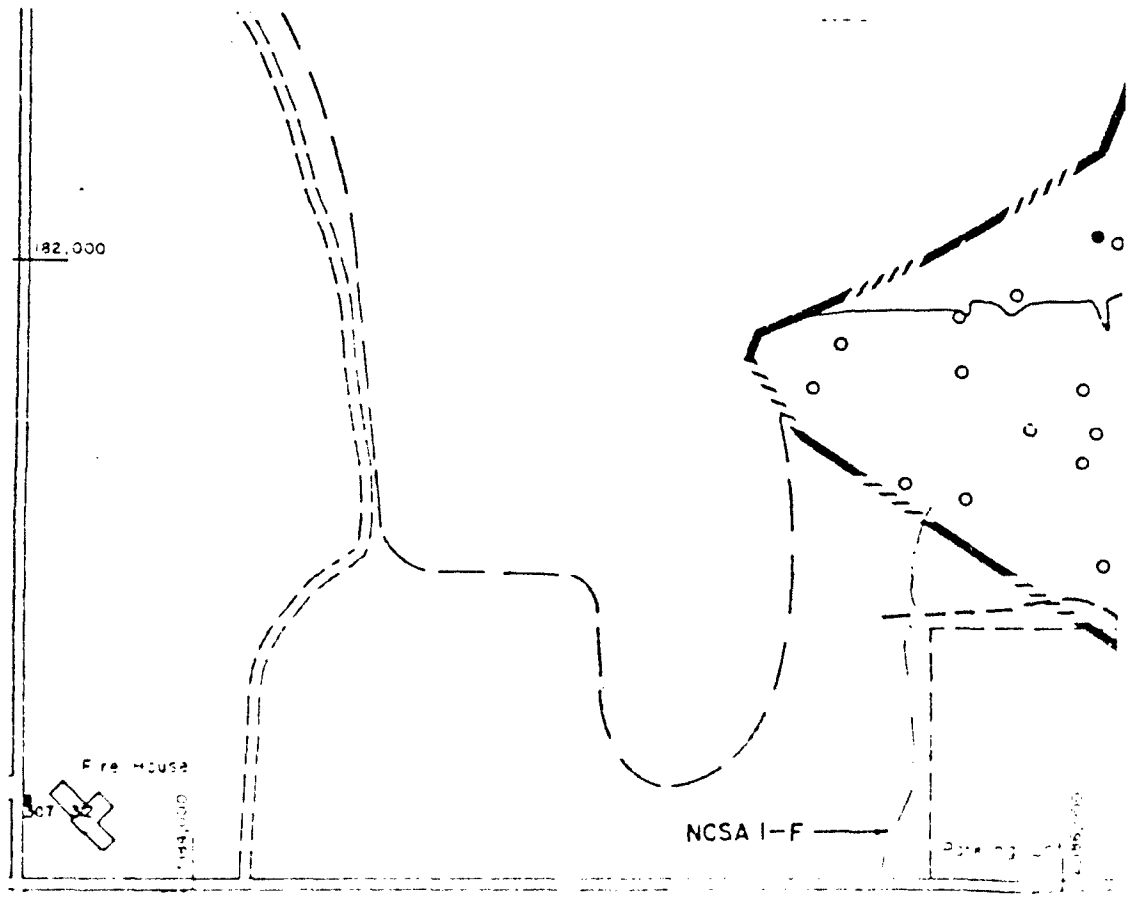


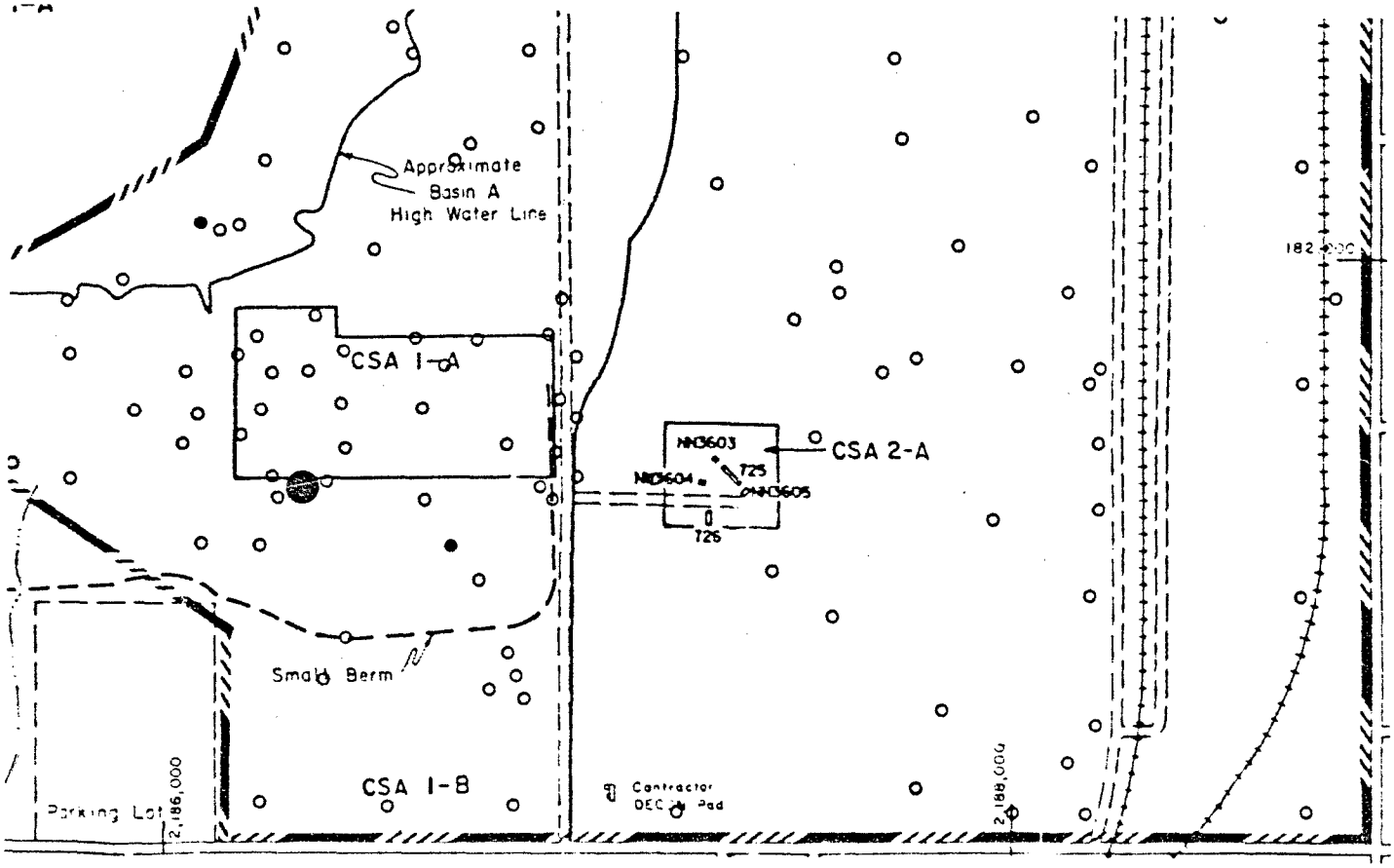
ROCKY MOUNTAIN ARSENAL
LOCATION

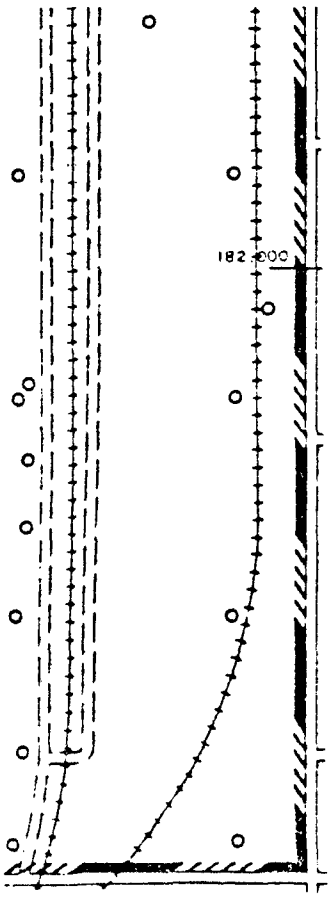


1" = 4 MILES

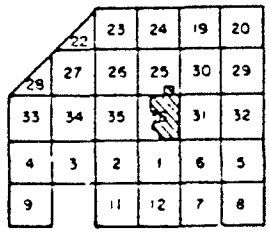



182,000
Fire House
NCSA I-F

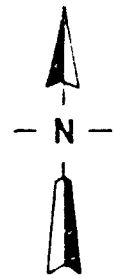

Approximate
Basin A
High Water Line
CSA 1-A
CSA 2-A
NHC603
NHC604
NHC605
725
726
Small Berm
CSA 1-B
Parking Lot
Contractor
DEC Pad
2,186,000
2,188,000
182,000



ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





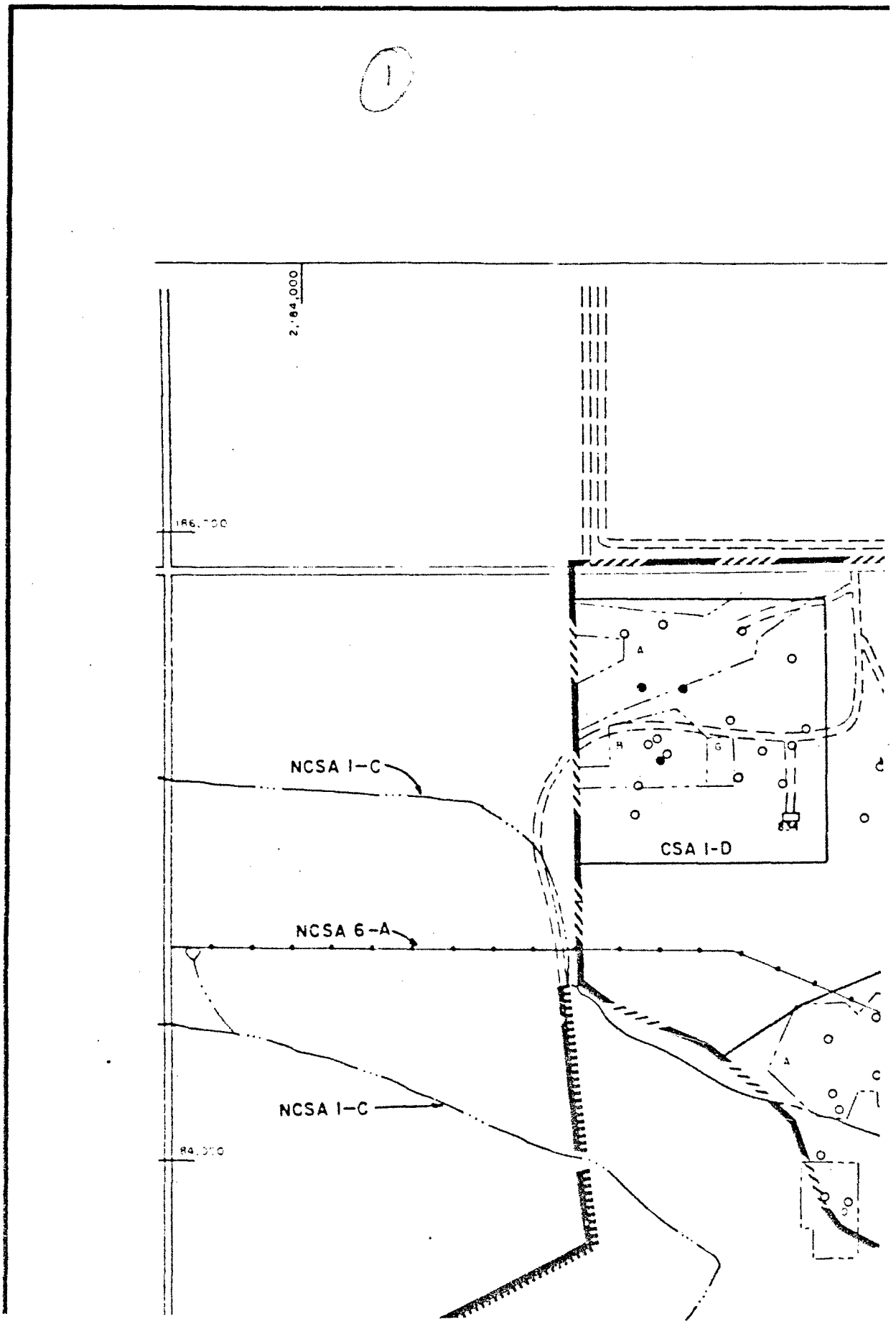
Prepared for:

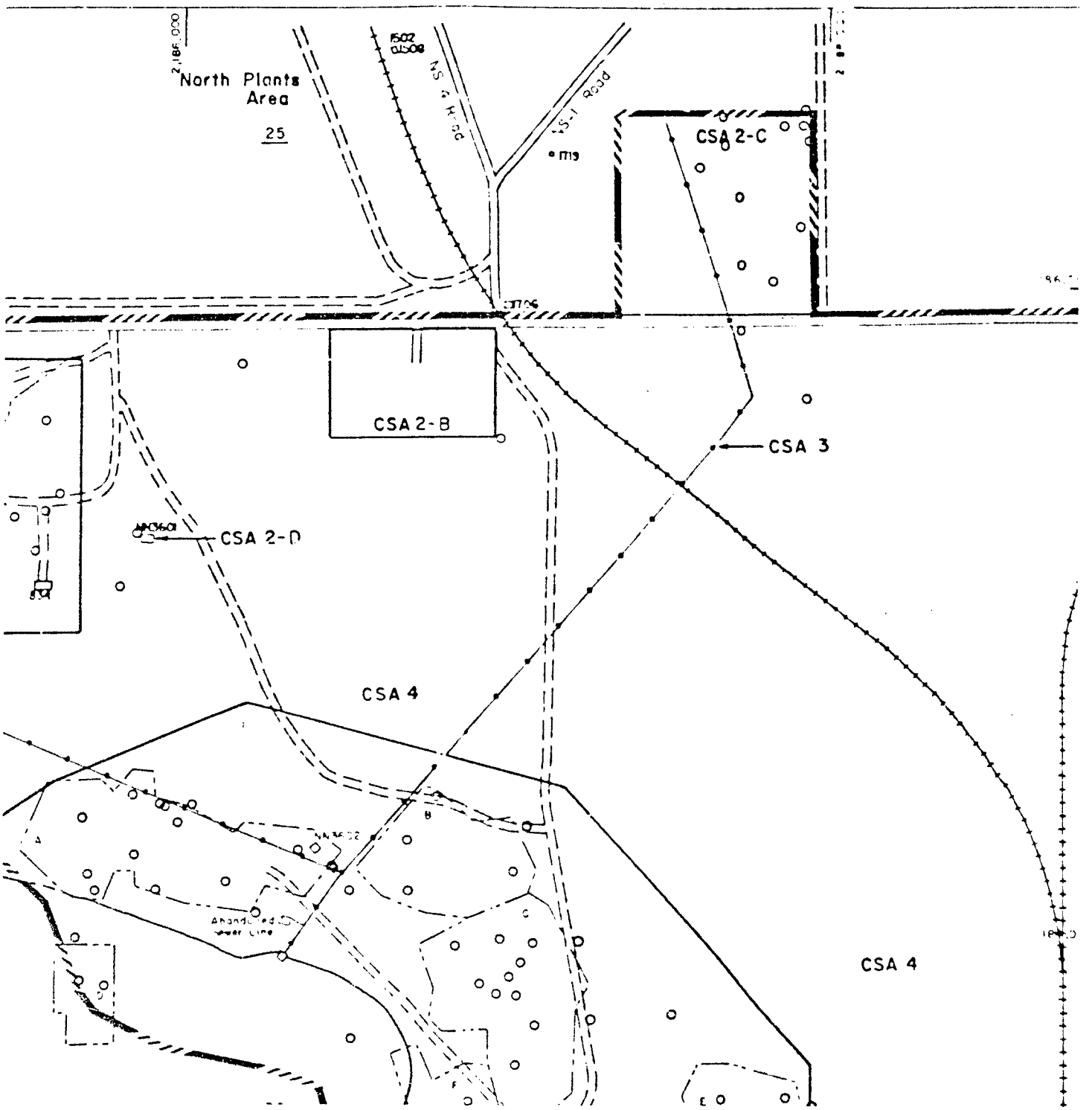
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-23

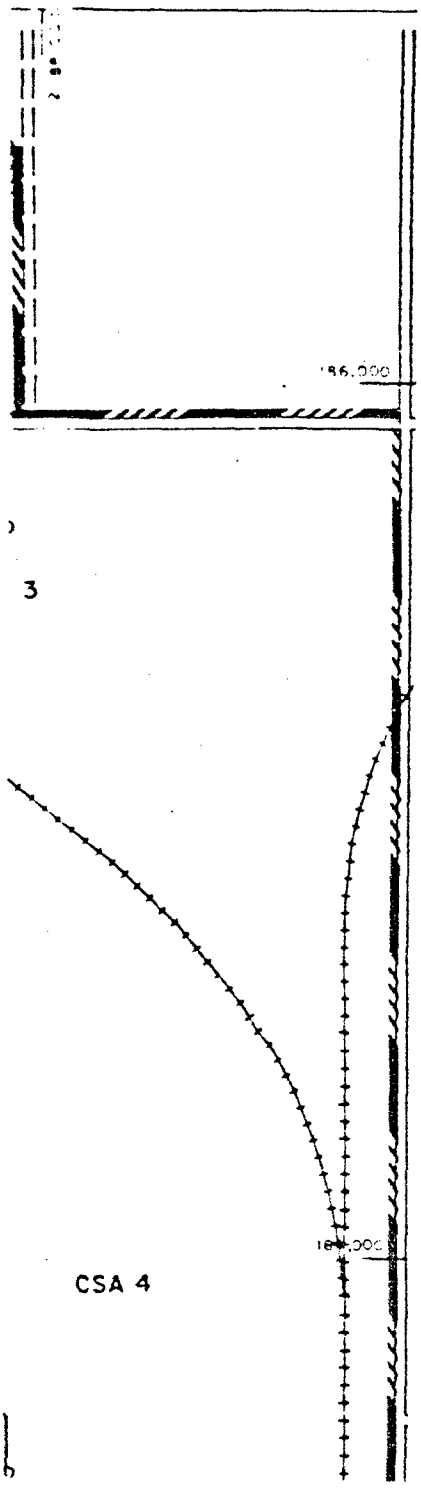
Organosulfur Compounds Herbicide Related in Soils in the 2 - 5 ft. Interval

Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated


2,184,000
186,700
NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C
184,000



NCSA I-A

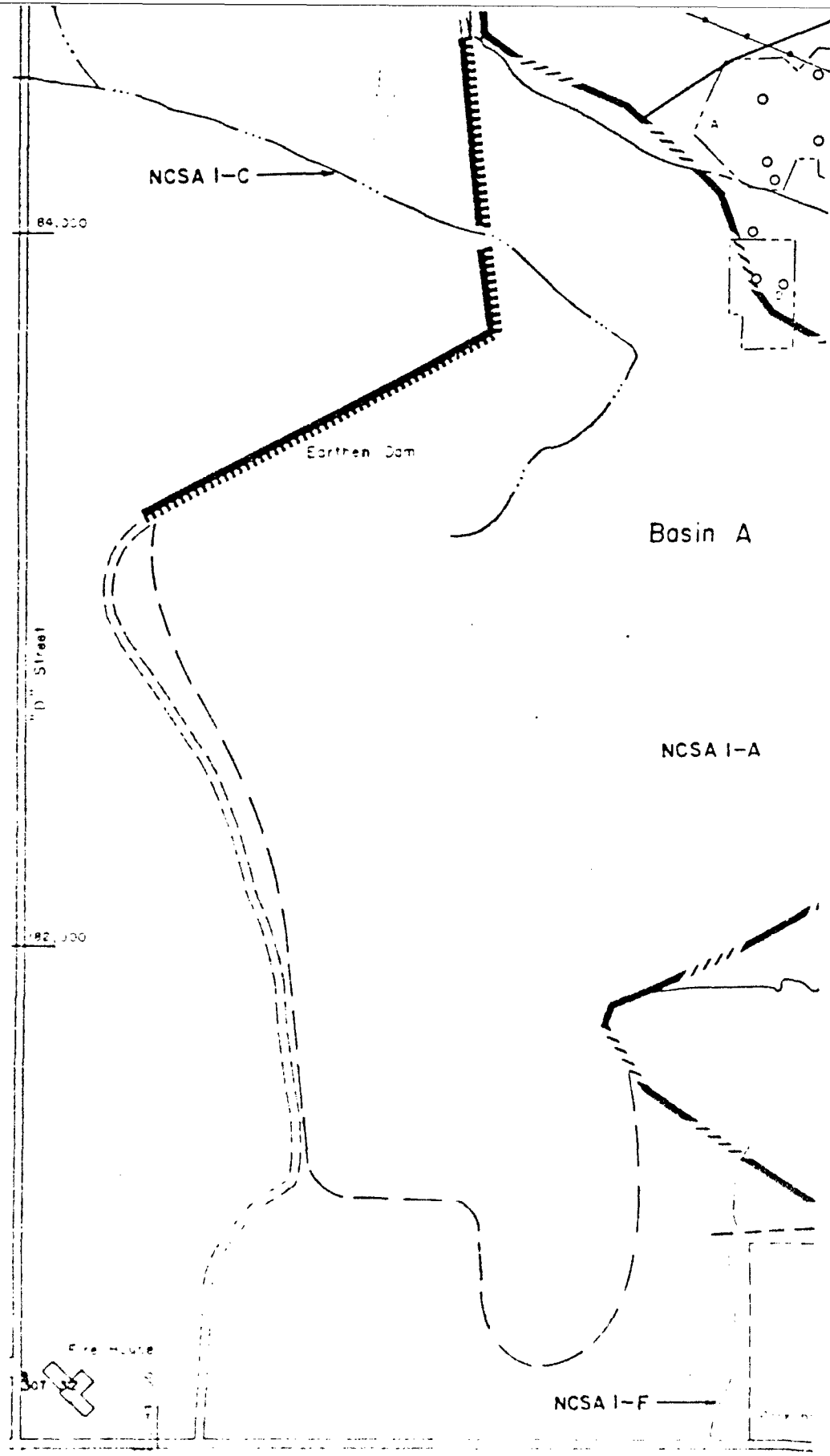


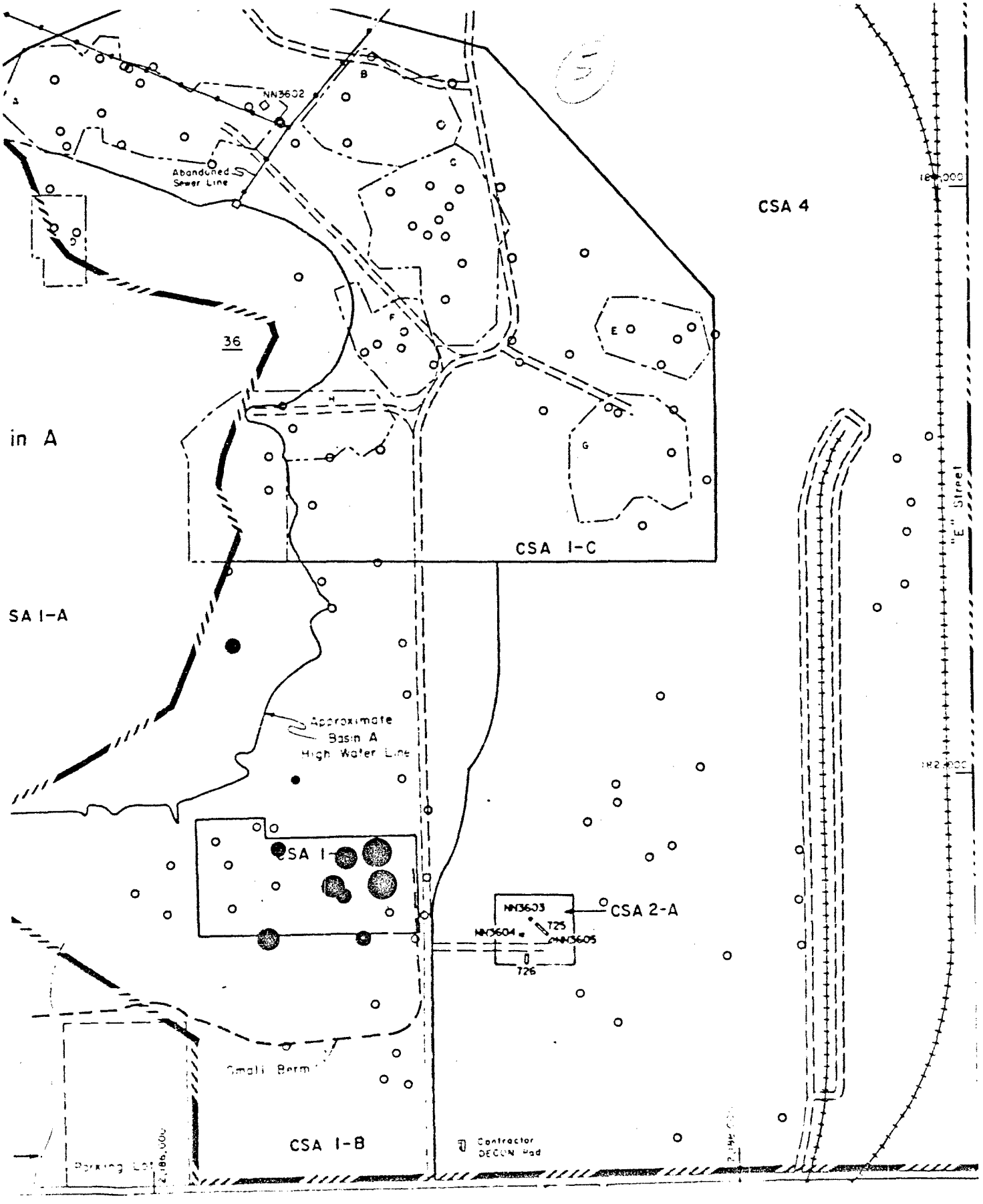
Legend

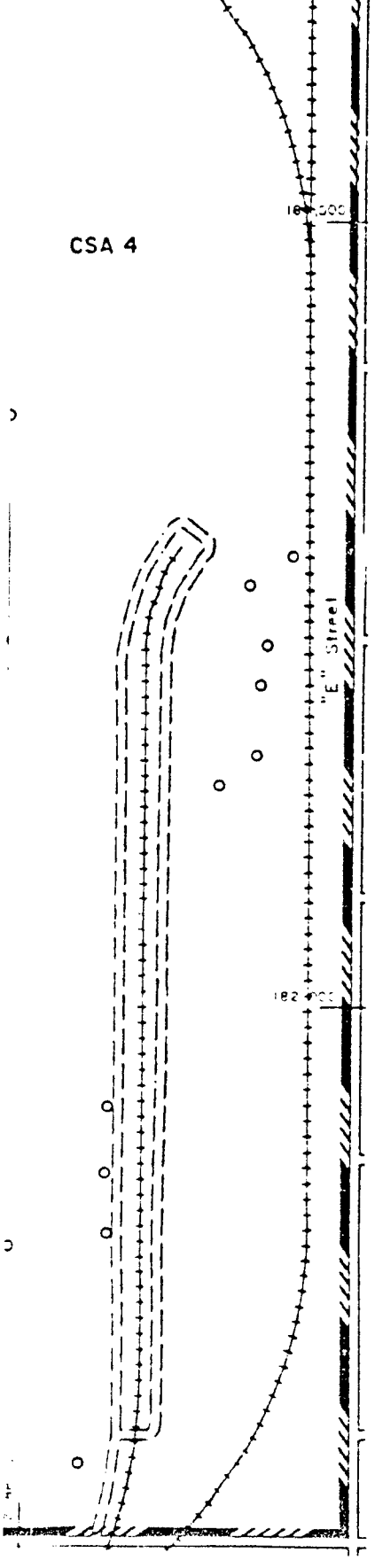
Improved road	Unimproved road
Stream or ditch	Shore line
	9 Section number
186,000 State plane grid	Structure
Railroad tracks	Former structure
Central Study Area boundary	Arsenal boundary
CSA 1-C Site boundary	Sanitary sewer
8 Geophysical anomoly	Chemical sewer

ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

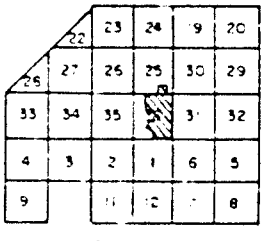
- o Below Certified Reporting Limit (BCRL)
- • 0.30 - 1.0
- ● 1.0 - 10
- ● 10 - 100
- ● >100


NCSA I-C
84,000
Earthen Dam
Basin A
"D" Street
NCSA I-A
82,000
Fire House
NCSA I-F

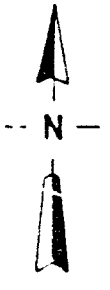

NN3602
Abandoned Sewer Line
CSA 4
36
in A
CSA I-C
SA I-A
Approximate Basin A High Water Line
CSA I-
NN3603
CSA 2-A
NN3604
725
NN3605
726
Small Berm
CSA I-B
Contractor DECON Pad
"E" Street

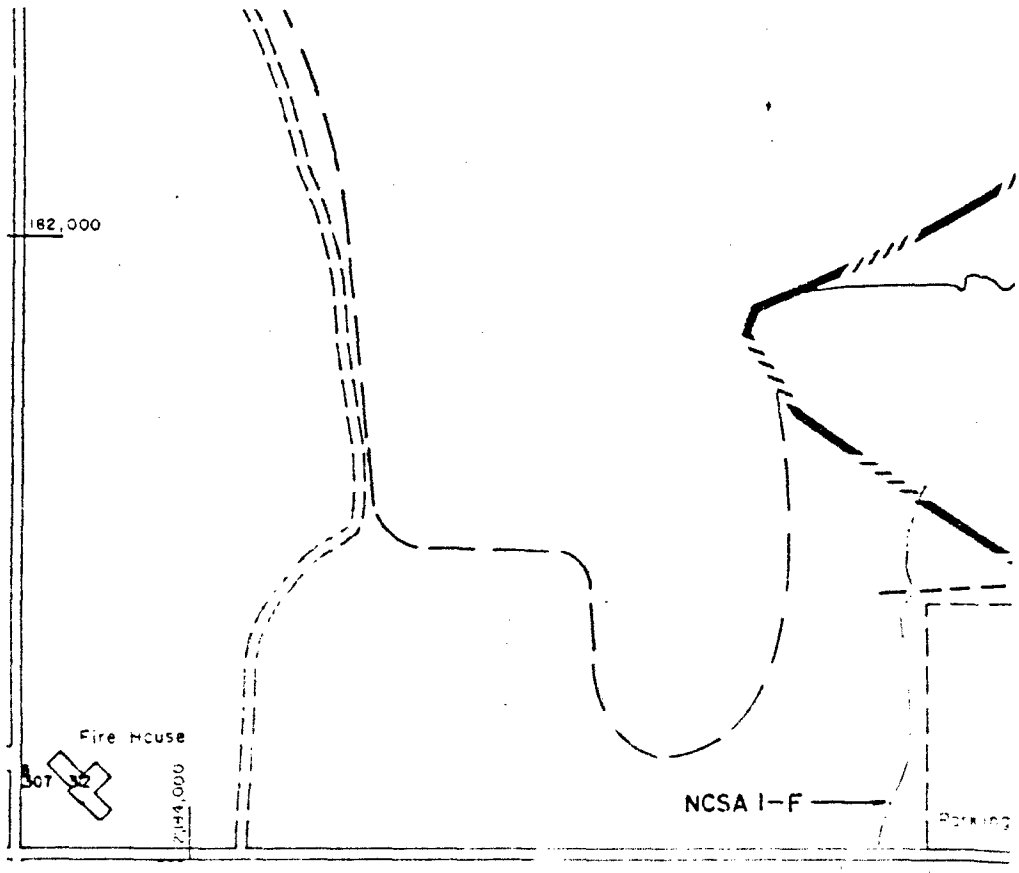


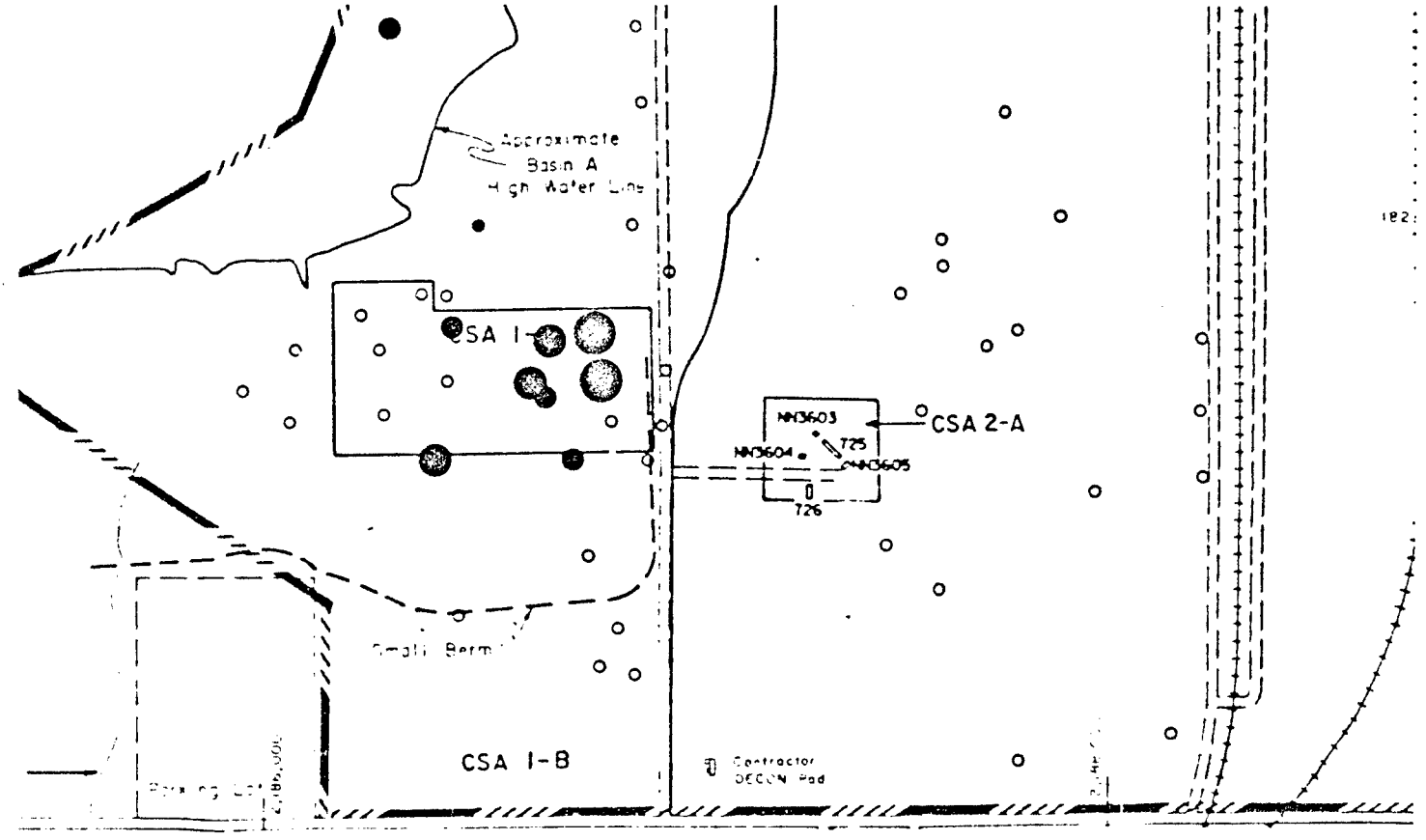
ROCKY MOUNTAIN ARSENAL
LOCATION

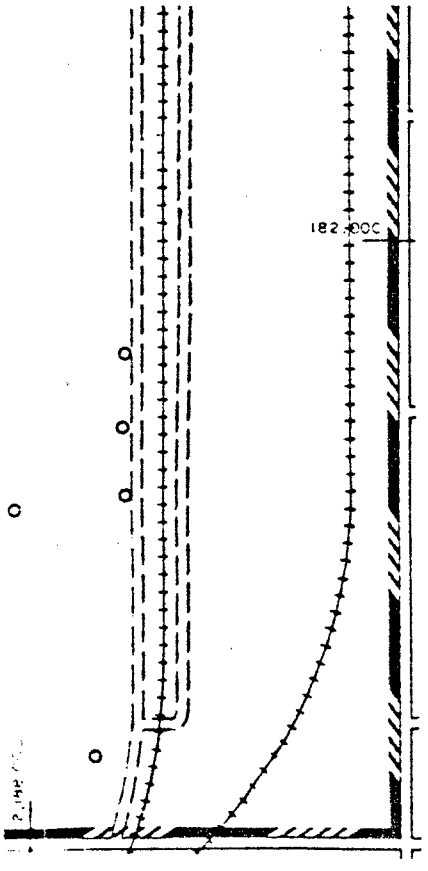


1" = 4 MILES

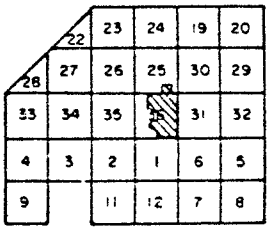



182,000
Fire House
307
32
NCSA I-F


Approximate
Basin A
High Water Line
CSA 1
CSA 2-A
MW3603
MW3604
MW3605
725
726
Small Berm
CSA 1-B
Contractor
DECON Pad

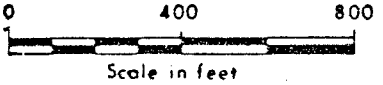


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





Scale in feet

Prepared for:

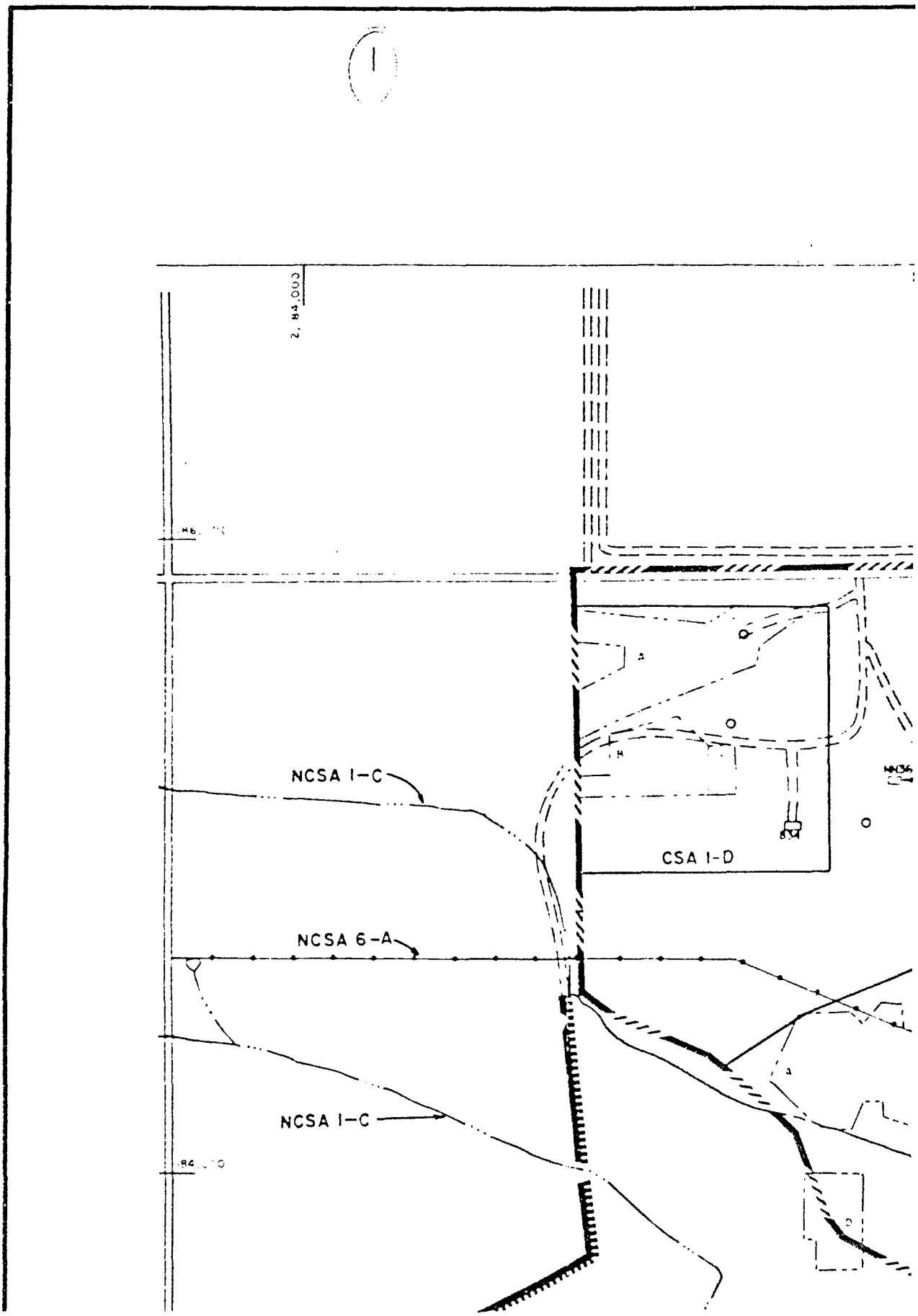
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

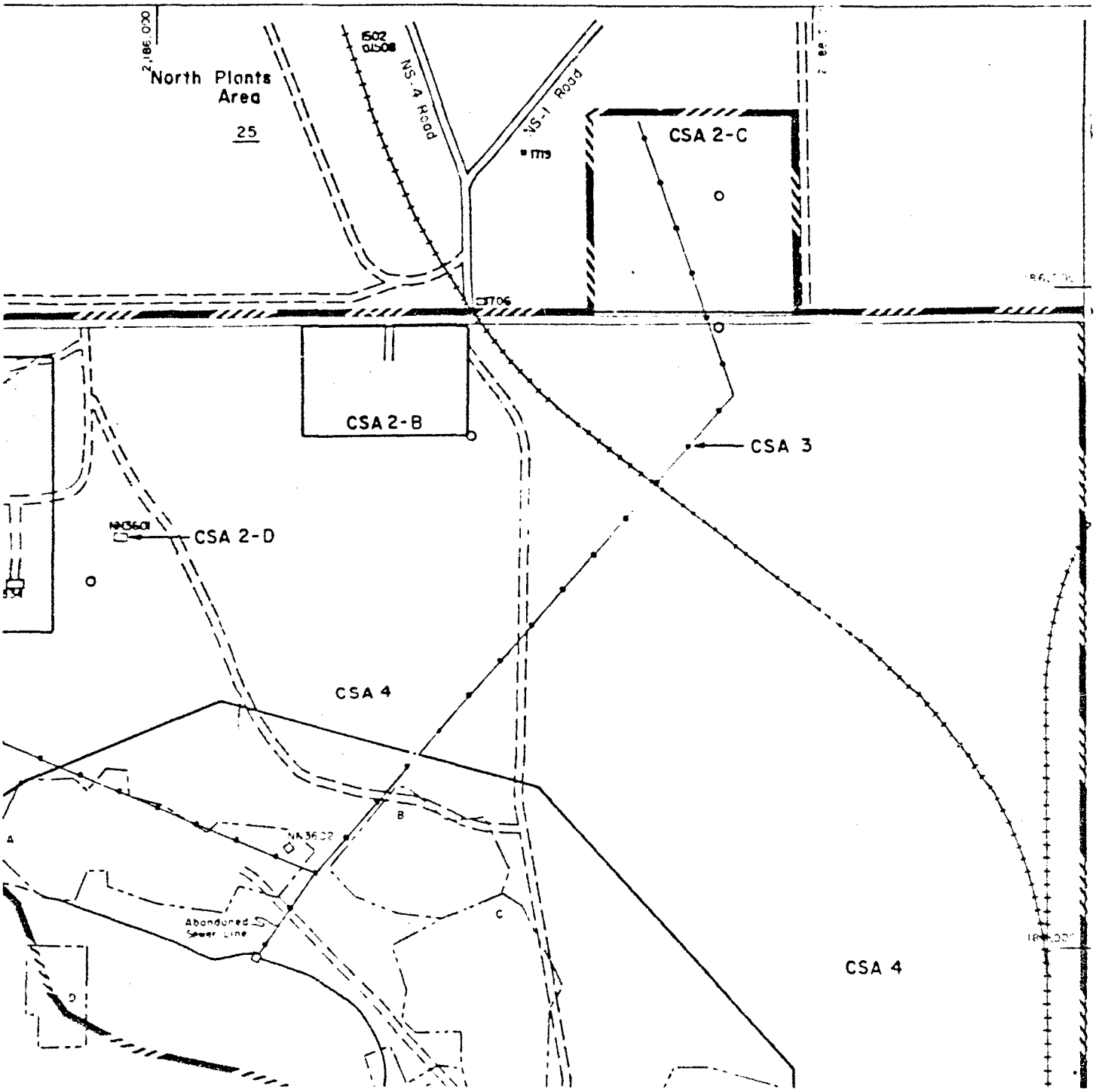
PLATE CSA 2.1-24

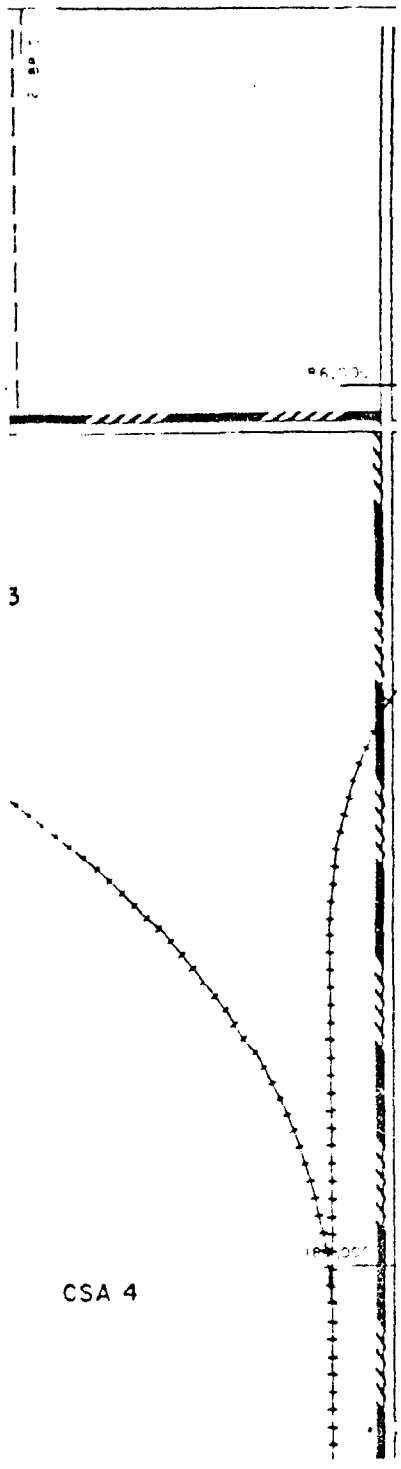
Organosulfur Compounds Herbicide Related in Soils in the 5-20 ft. Interval

Rocky Mountain Arsenal

Prepared by: Ebasco Services Incorporated


NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C


North Plants Area
25
NS-4 Road
NS-1 Road
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4
Abandoned Sewer Line

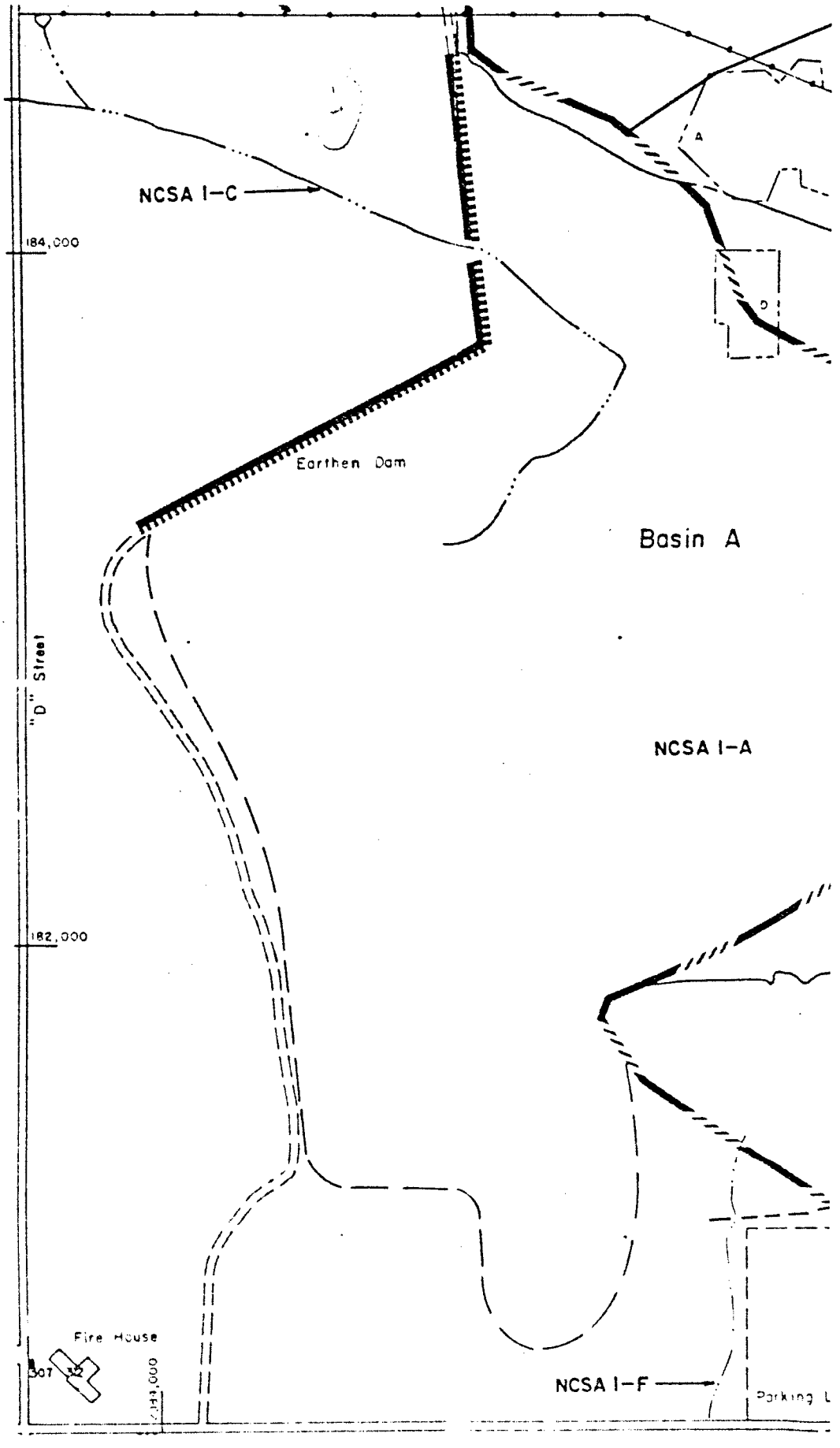


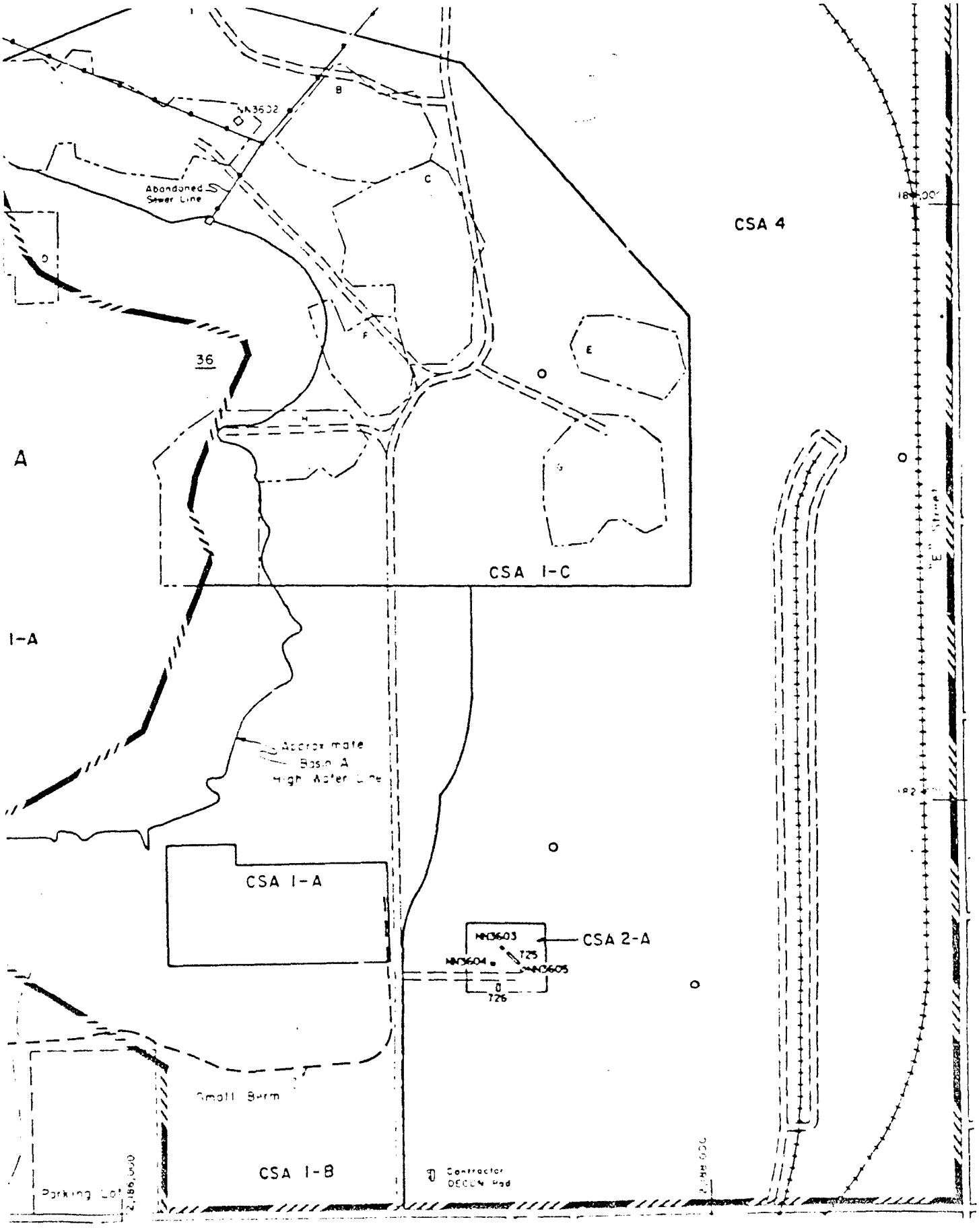
Legend

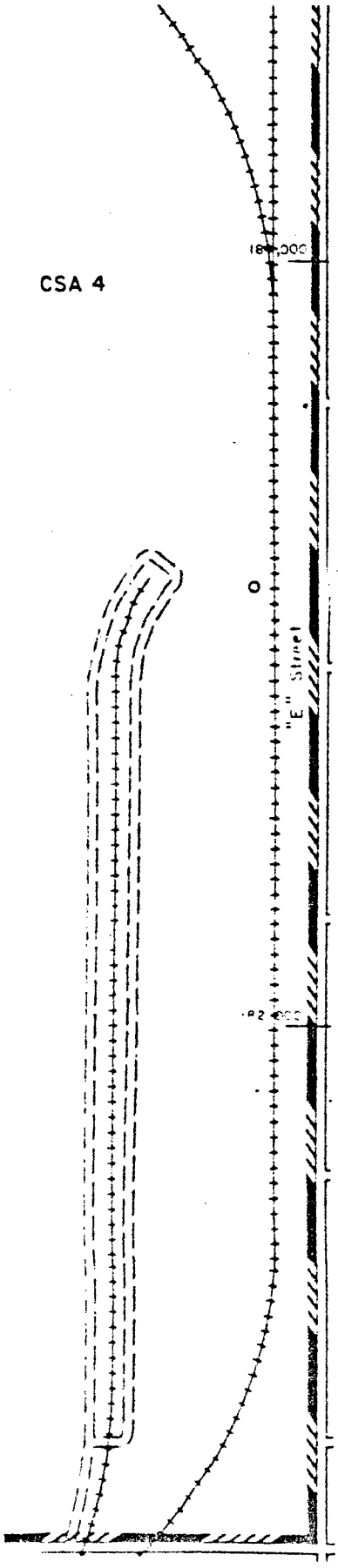
- Improved road
- Unimproved road
- Stream or ditch
- Shore line
- 9 Section number
- 186,000 State plane grid
- Structure
- Railroad tracks
- Former structure
- Central Study Area boundary
- Arsenal boundary
- CSA 1-C Site boundary
- Sanitary sewer
- 8 Geophysical anomoly
- Chemical sewer

ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

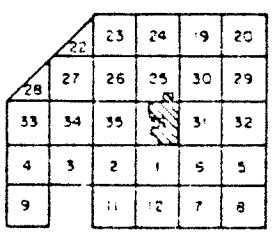
- o Below Certified Reporting Limit (BCRL)
- ● 0.30 - 1.0
- ● 1.0 - 10
- ● 10 - 100
- ● >100


NCSA I-C
184,000
Earthen Dam
Basin A
"D" Street
NCSA I-A
182,000
Fire House
307
NCSA I-F
Parking L

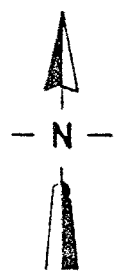

MW3602
B
C
Abandoned Sewer Line
D
36
A
F
E
CSA 4
CSA I-C
I-A
Approximate Basin A High Water Line
CSA I-A
MW3603
725
CSA 2-A
MW3604
MW3605
726
Small Berm
CSA I-B
Contractor Decon Pad
Parking Lot
2,186,000

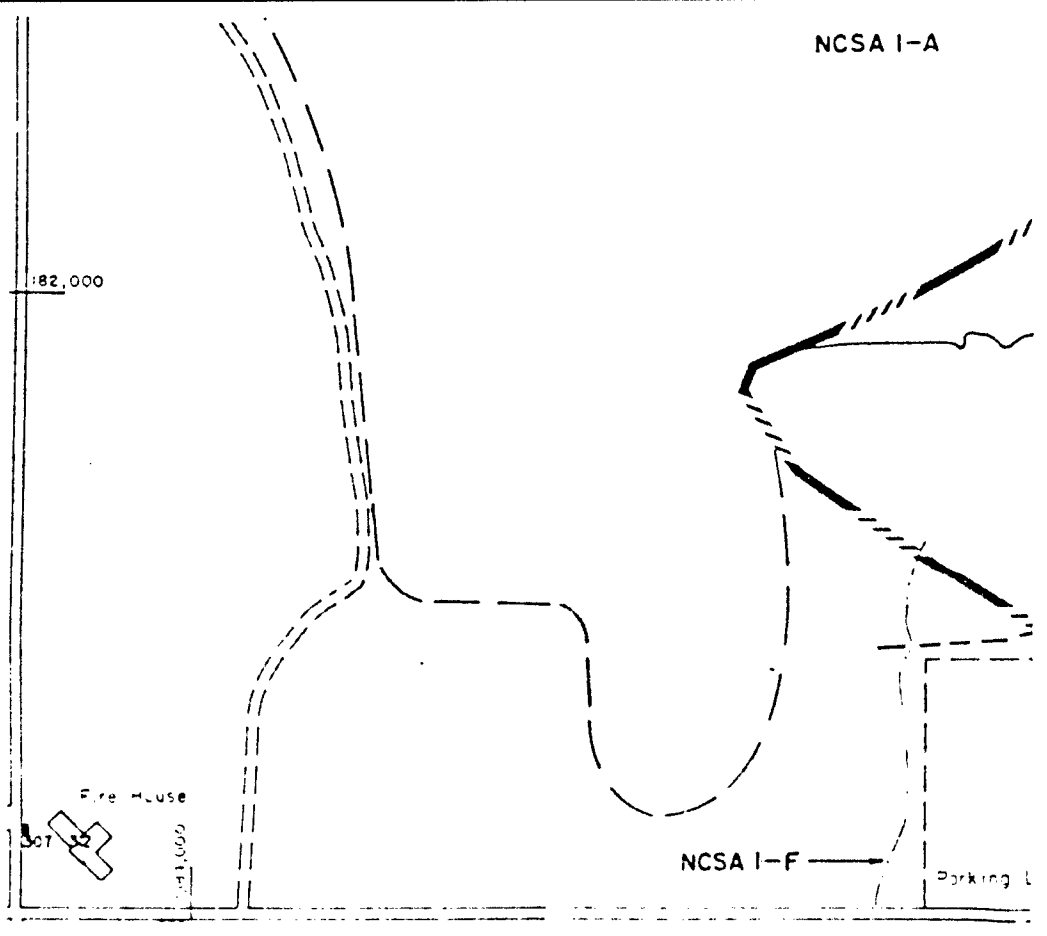


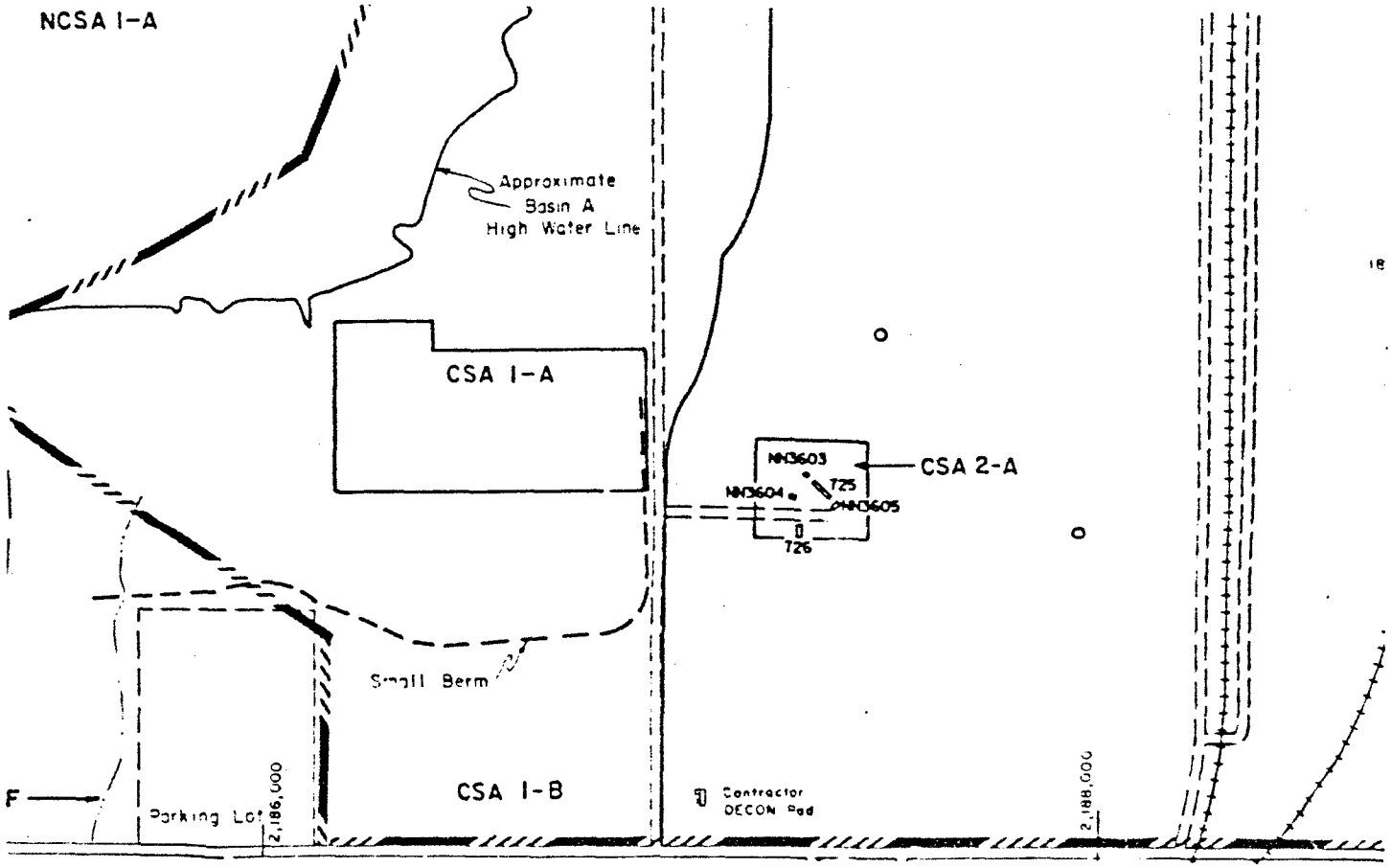
ROCKY MOUNTAIN ARSENAL
LOCATION

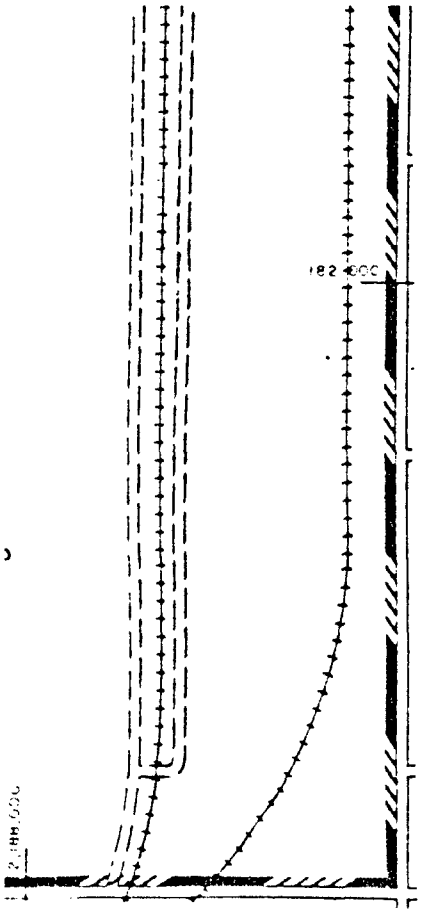


1" = 4 MILES

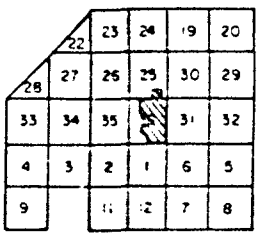



NCSA I-A
182,000
Fire House
307
32
NCSA I-F
Parking L

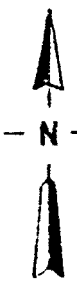

NCSA 1-A
Approximate
Basin A
High Water Line
CSA 1-A
NW3603
CSA 2-A
725
NW3604
NW3605
726
Small Berm
CSA 1-B
Parking Lot
2,186,000
Contractor
DECON Pad
2,188,000
F

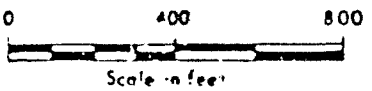


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





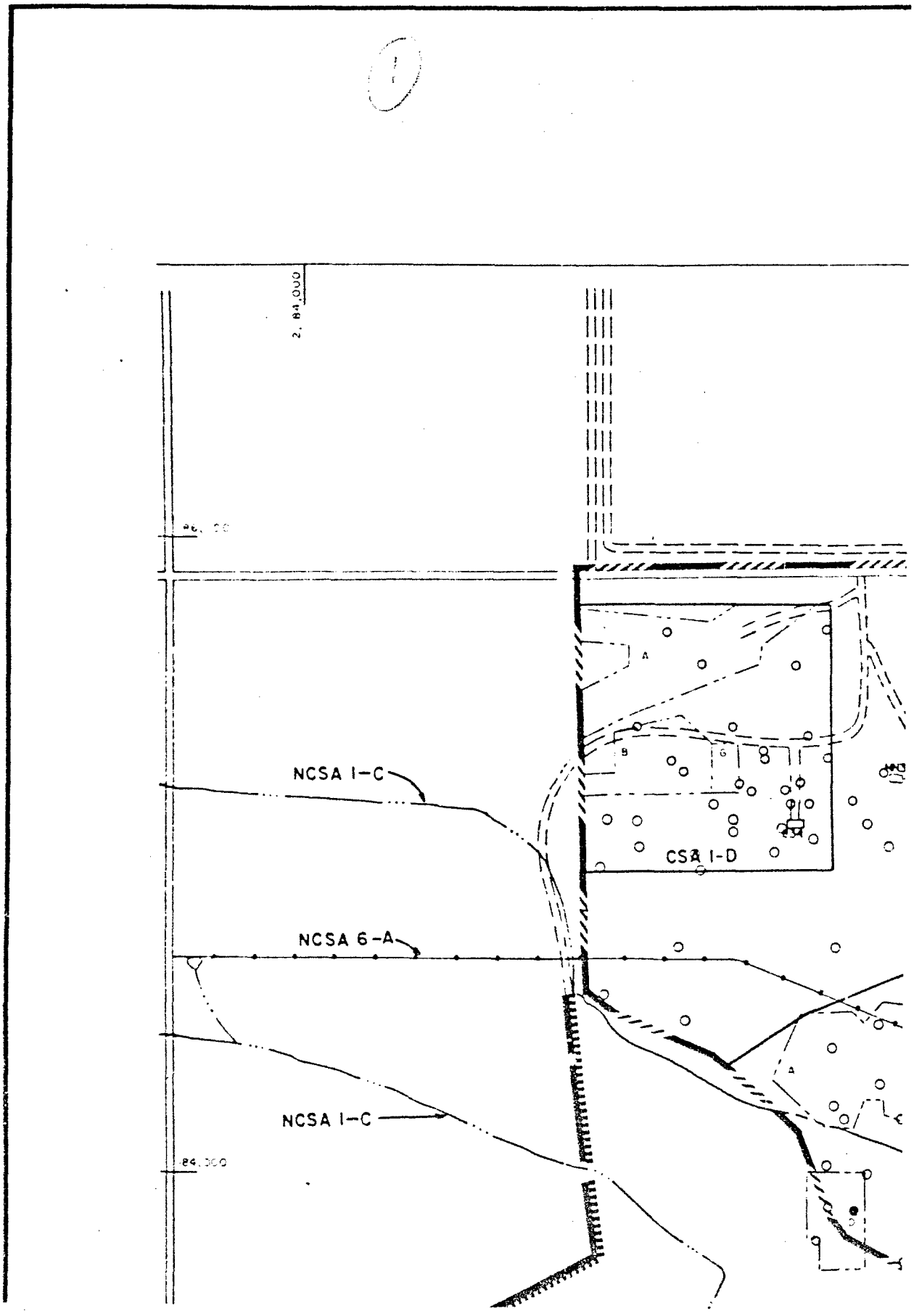
Prepared for:

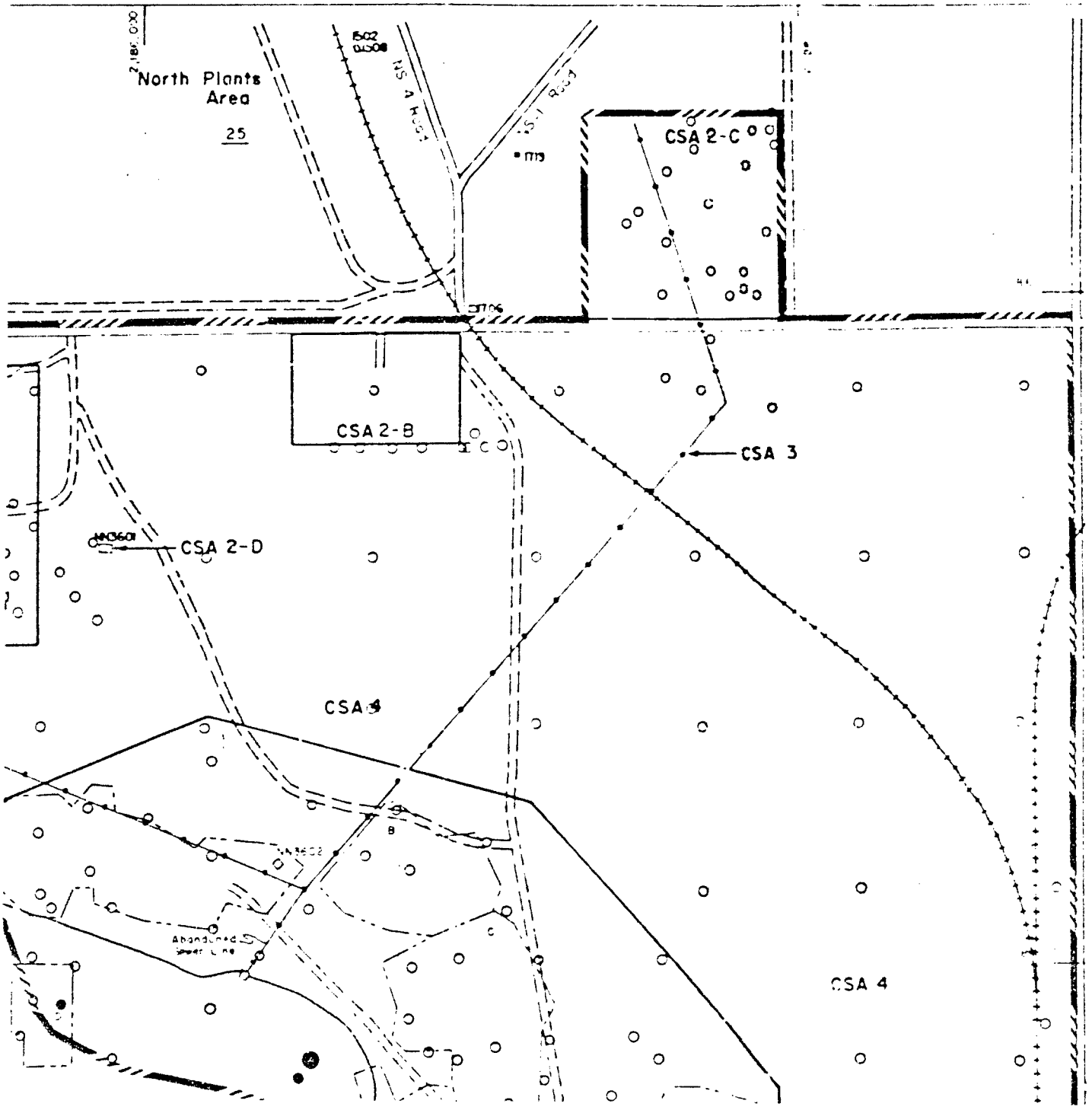
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-25

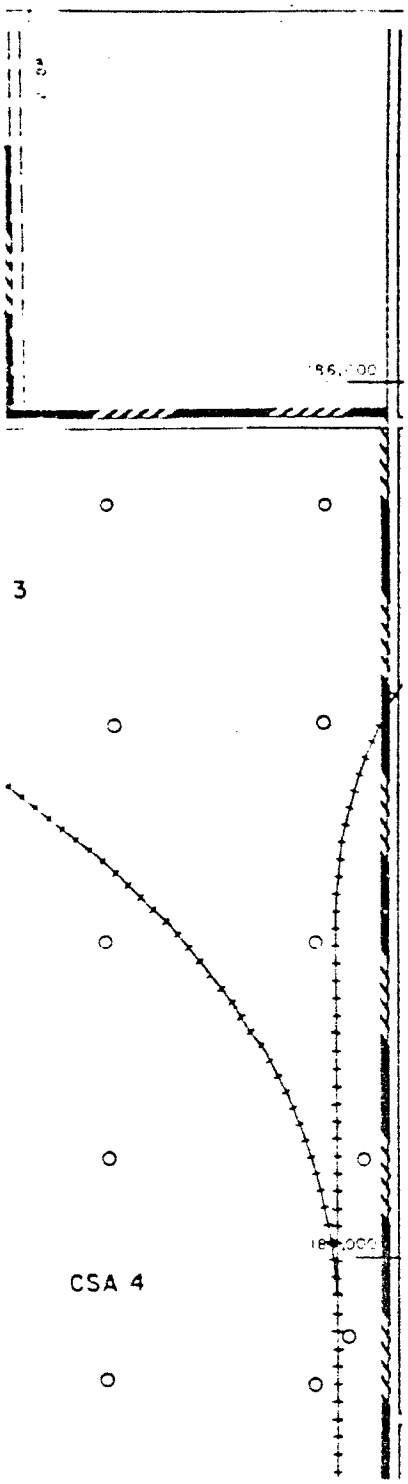
Organosulfur Compounds Herbicide Related in Soils in the >20ft Interval

Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated


NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C



NOSA 1-A

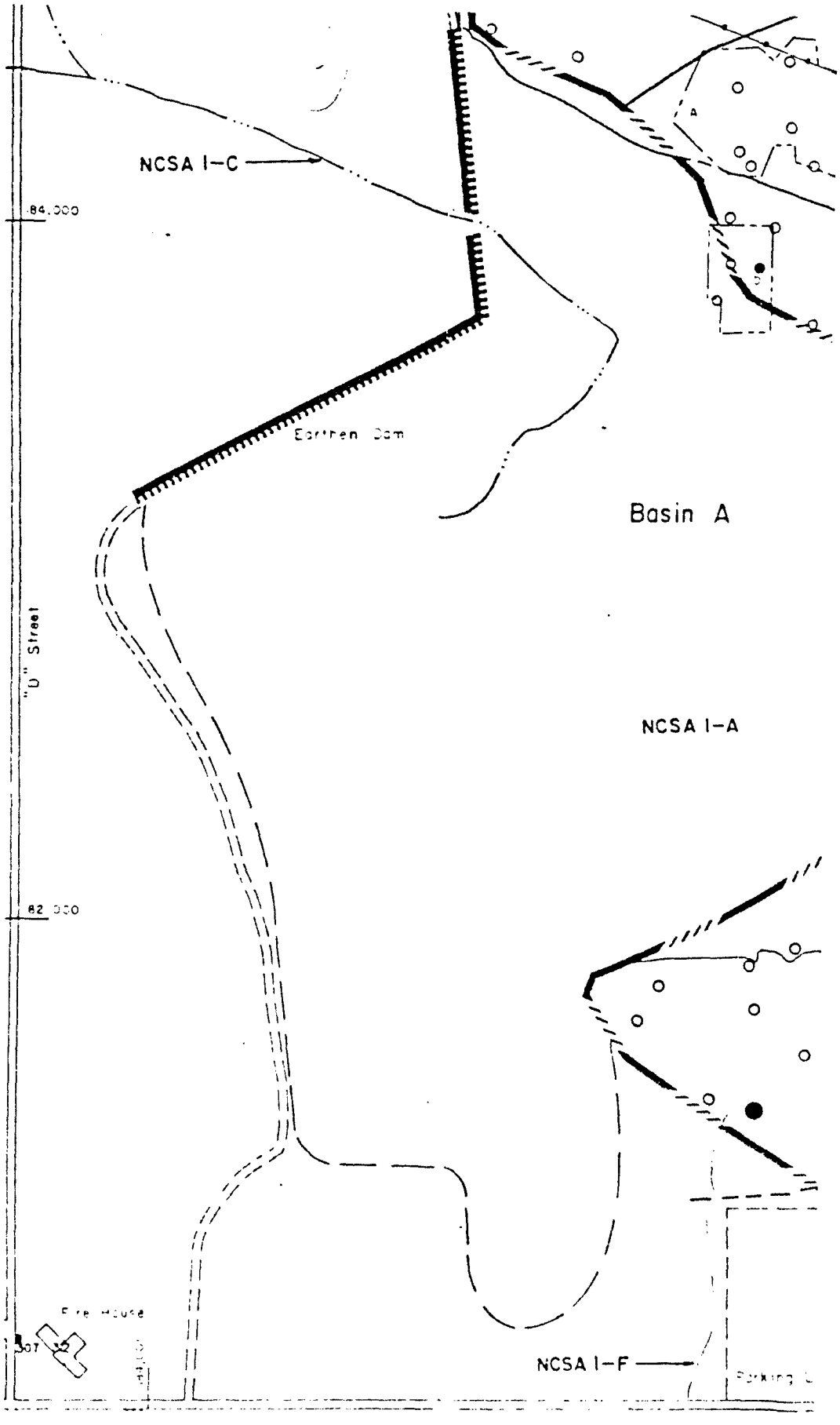


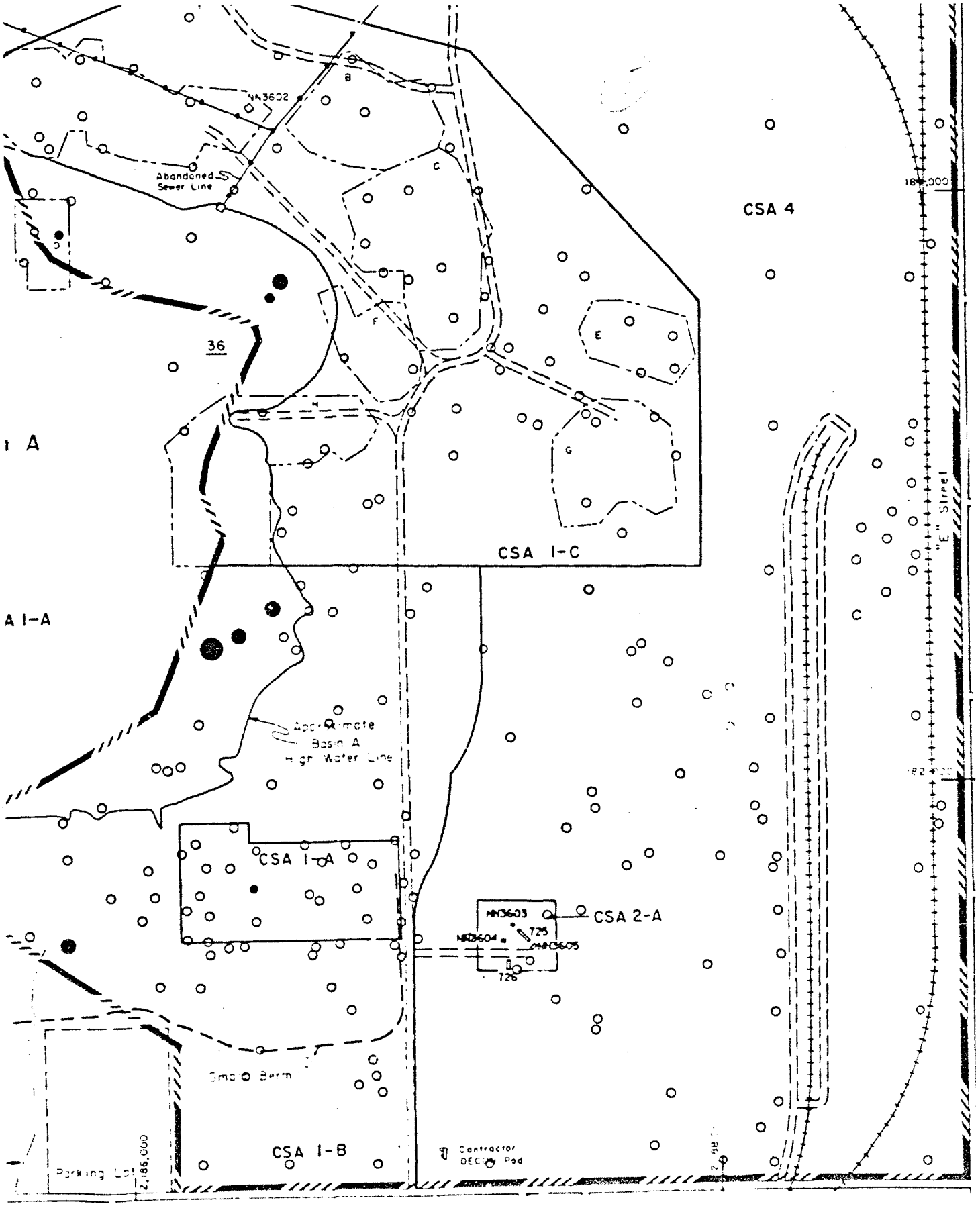
Legend

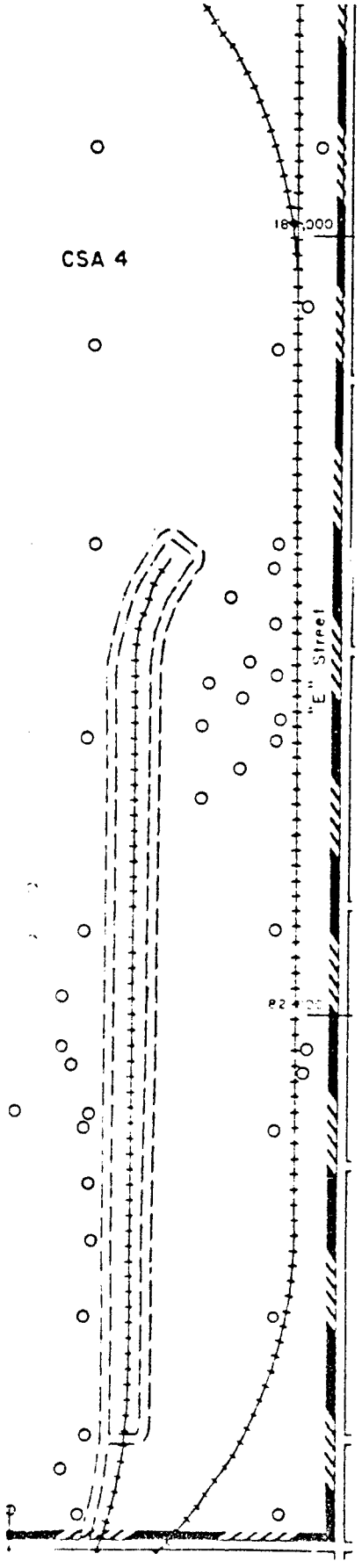
- Improved road
- Unimproved road
- Stream or ditch
- Shore line
- 9 Section number
- 186,000 State plane grid
- Structure
- Railroad tracks
- Former structure
- Central Study Area boundary
- Arsenal boundary
- CSA 1-C Site boundary
- Sanitary sewer
- 8 Geophysical anamoly
- Chemical sewer

ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

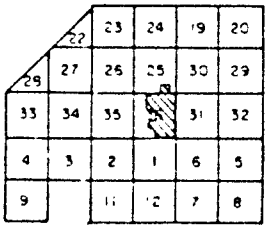
- o Below Certified Reporting Limit (BCRL)
- • 0.050 - 1.0
- ● 1.0 - 10
- ● 10 - 100
- ● >100


NCSA I-C
84,000
Earthen Dam
Basin A
"D" Street
NCSA I-A
82,000
Fire House
NCSA I-F

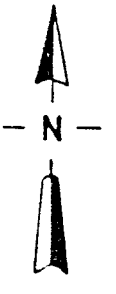

MW3602
Abandoned Sewer Line
B
C
D
E
F
G
H
36
CSA 4
CSA 1-C
CSA 1-A
CSA 1-B
CSA 2-A
MW3603
MW3604
MW3605
725
726
Approximate Basin A High Water Line
Berm
Parking Lot
2,186,000
Contractor
"E" Street

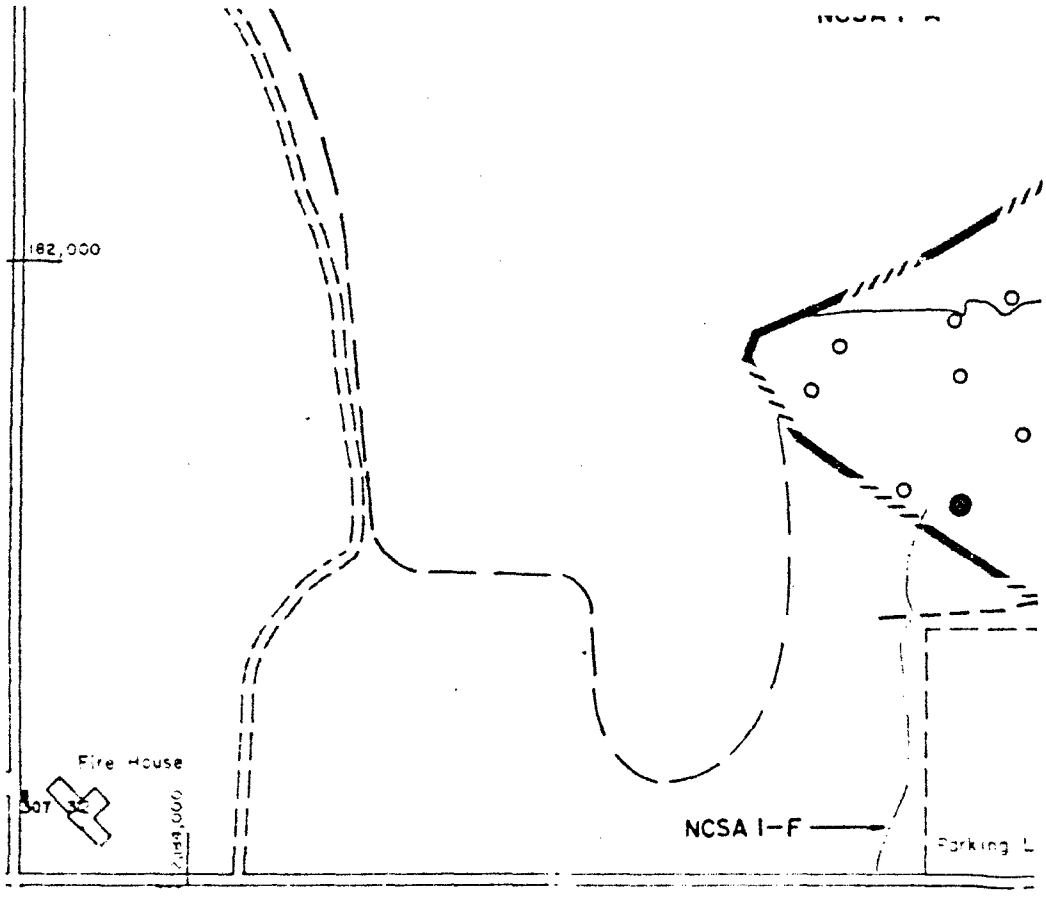


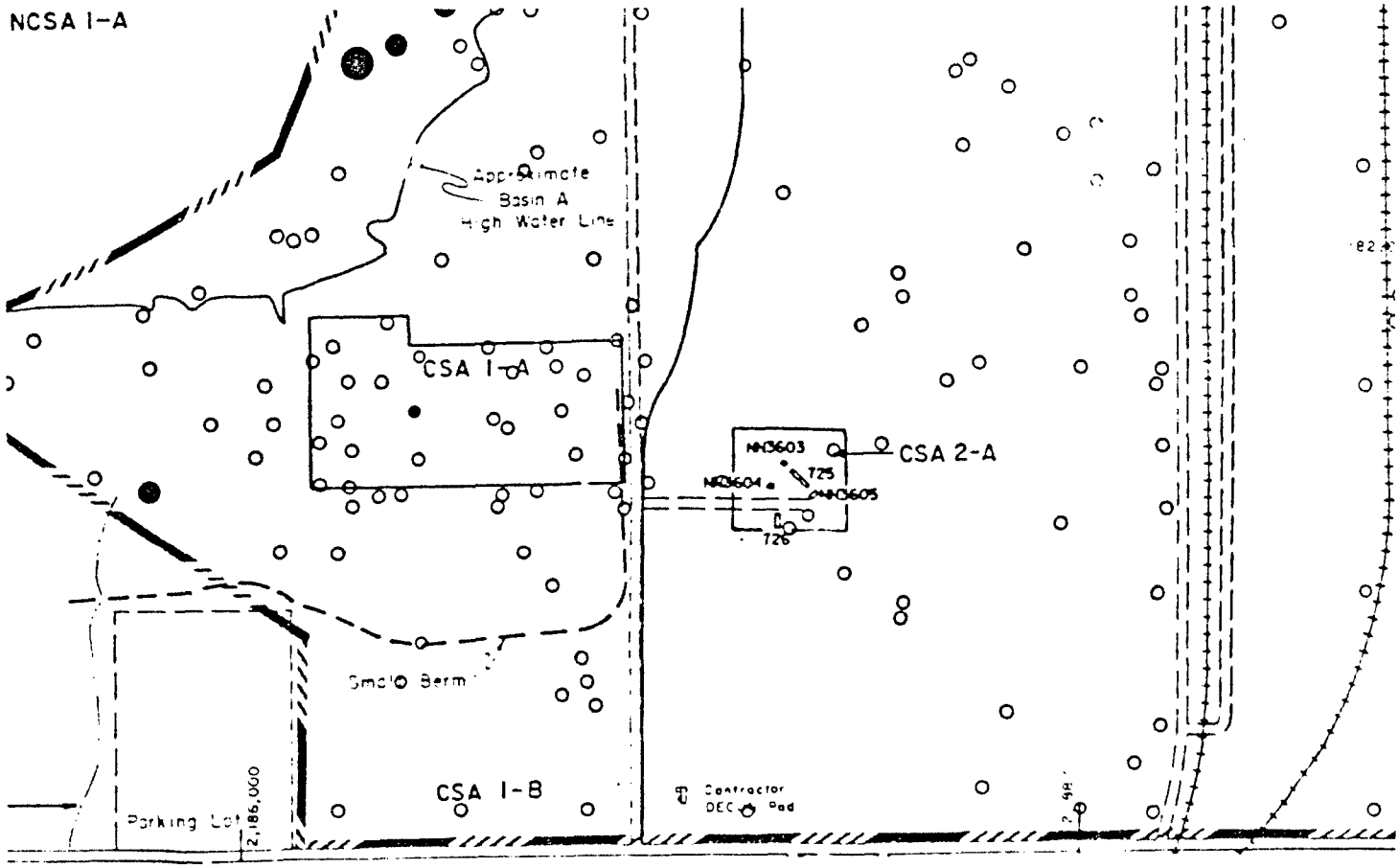
ROCKY MOUNTAIN ARSENAL
LOCATION

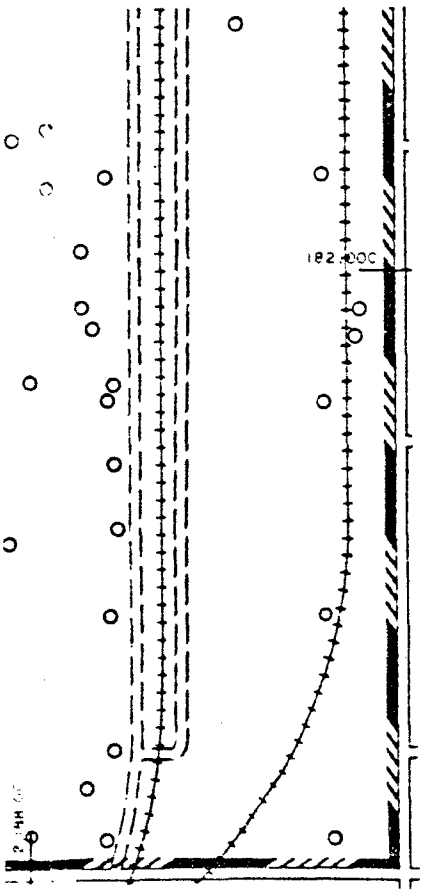


1" = 4 MILES

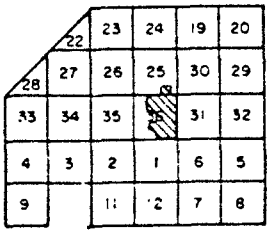



182,000
Fire House
NCSA I-F


NCSA 1-A
Approximate
Basin A
High Water Line
CSA 1-A
MW3603
725
MW3604
MW3605
726
CSA 2-A
Small Berm
CSA 1-B
Contractor
DEC Pad
Parking Lot
2,186,000



ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





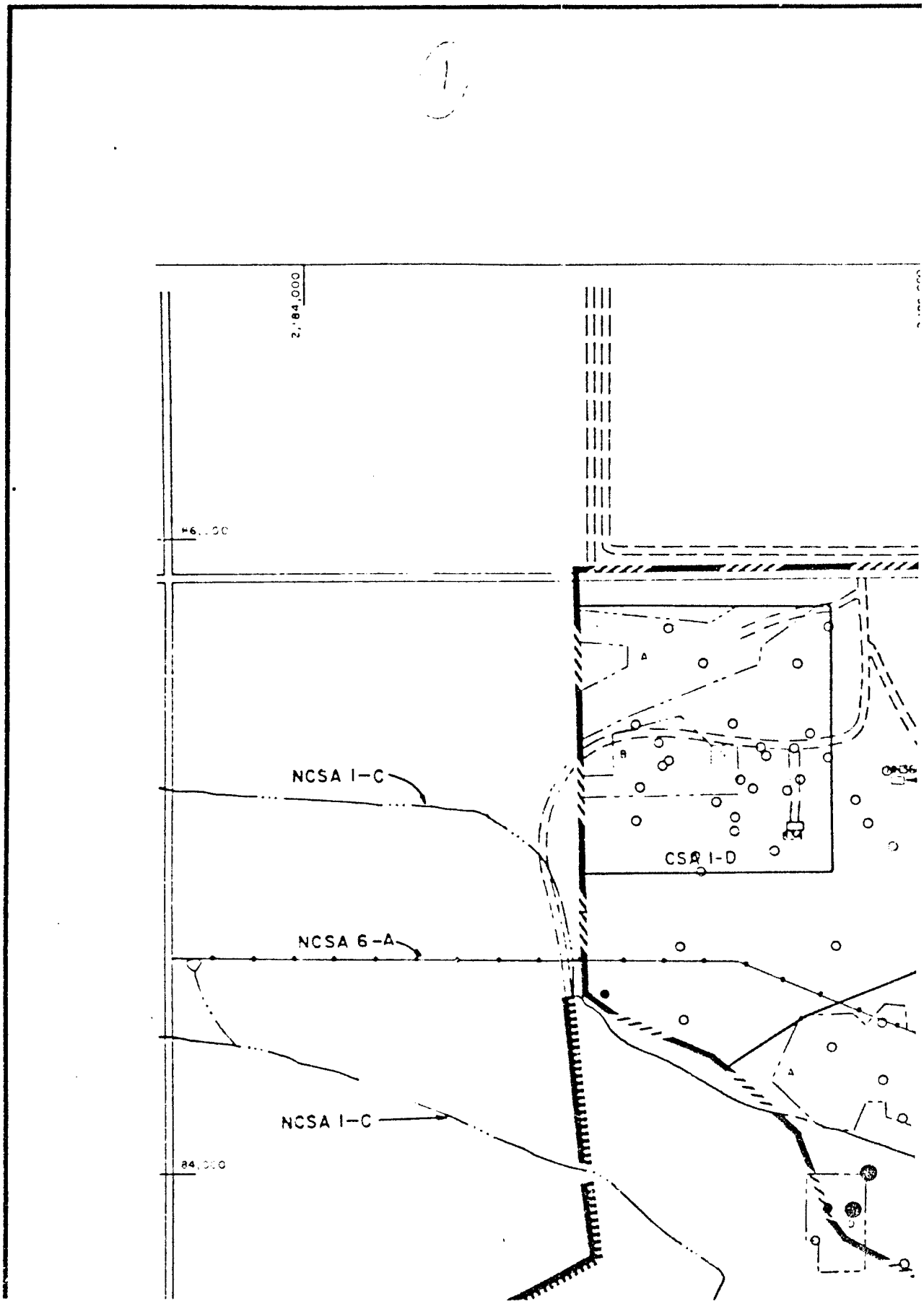
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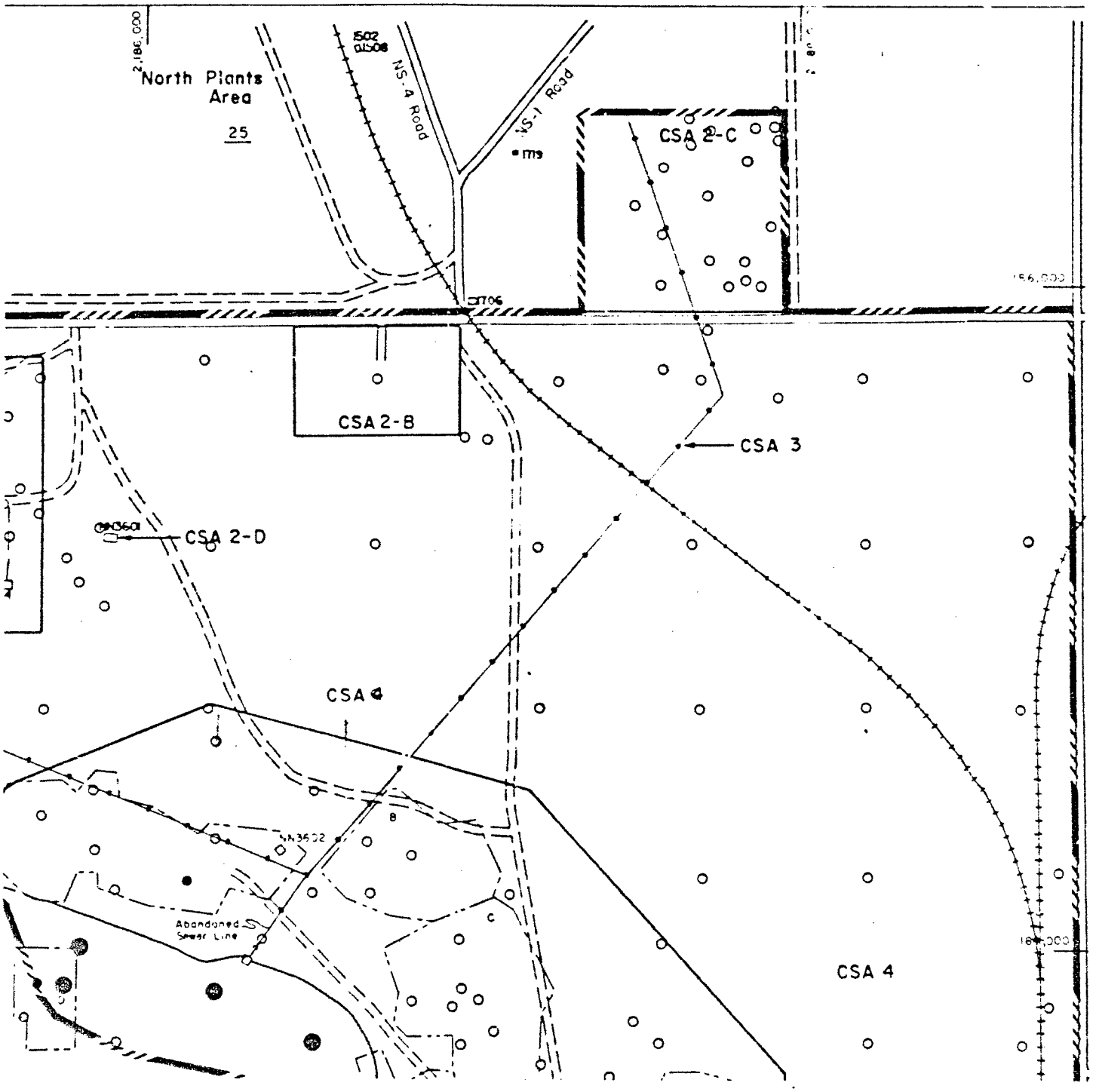
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

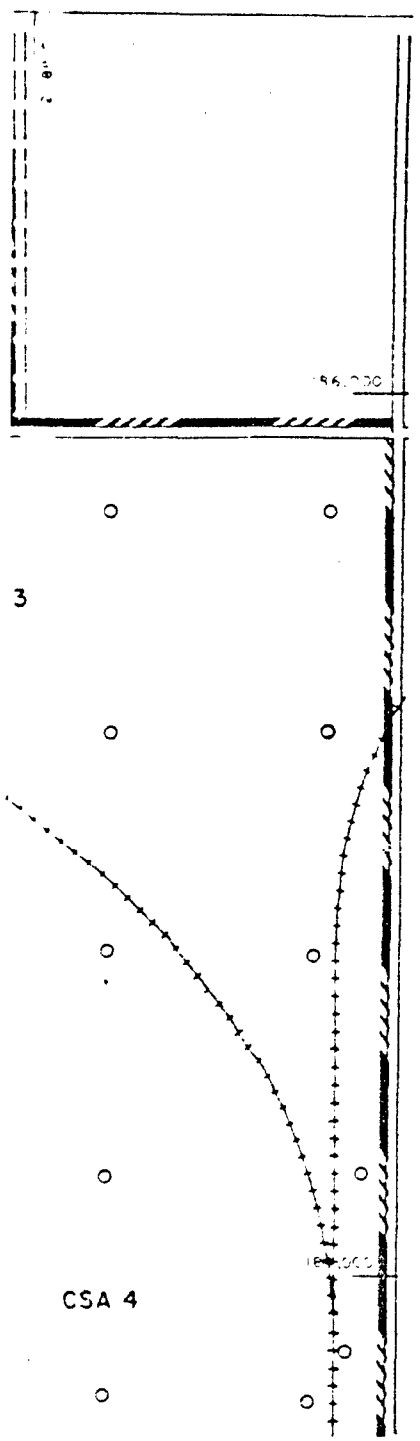
PLATE CSA 2.1-26

Organophosphorous Compounds
GB-Agent Related in Soils in the 0-2 ft. Interval

Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated


2,184,000
NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C
84,000


North Plants Area
25
NS-4 Road
NS-1 Road
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
Abandoned Sewer Line
CSA 4

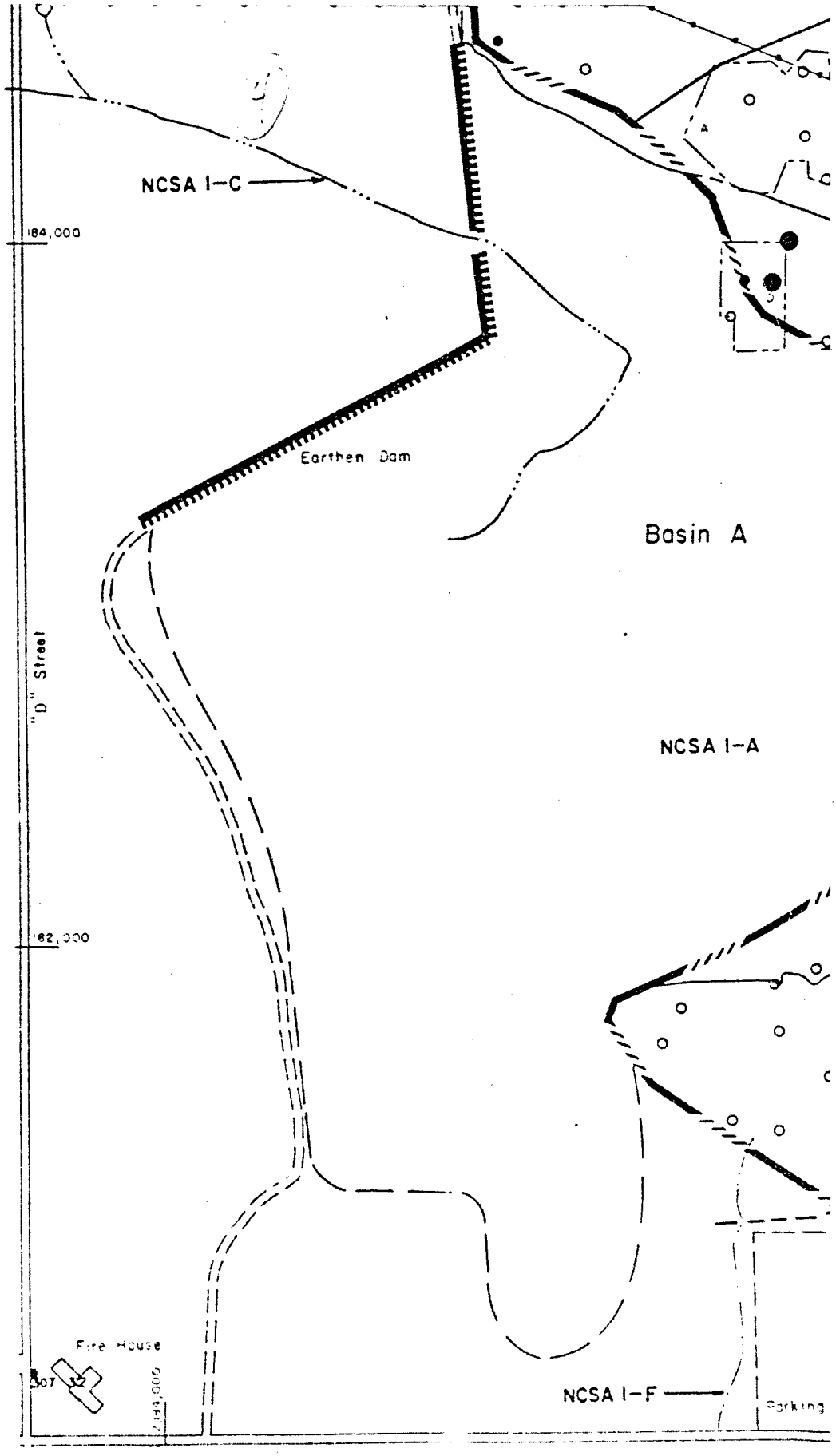


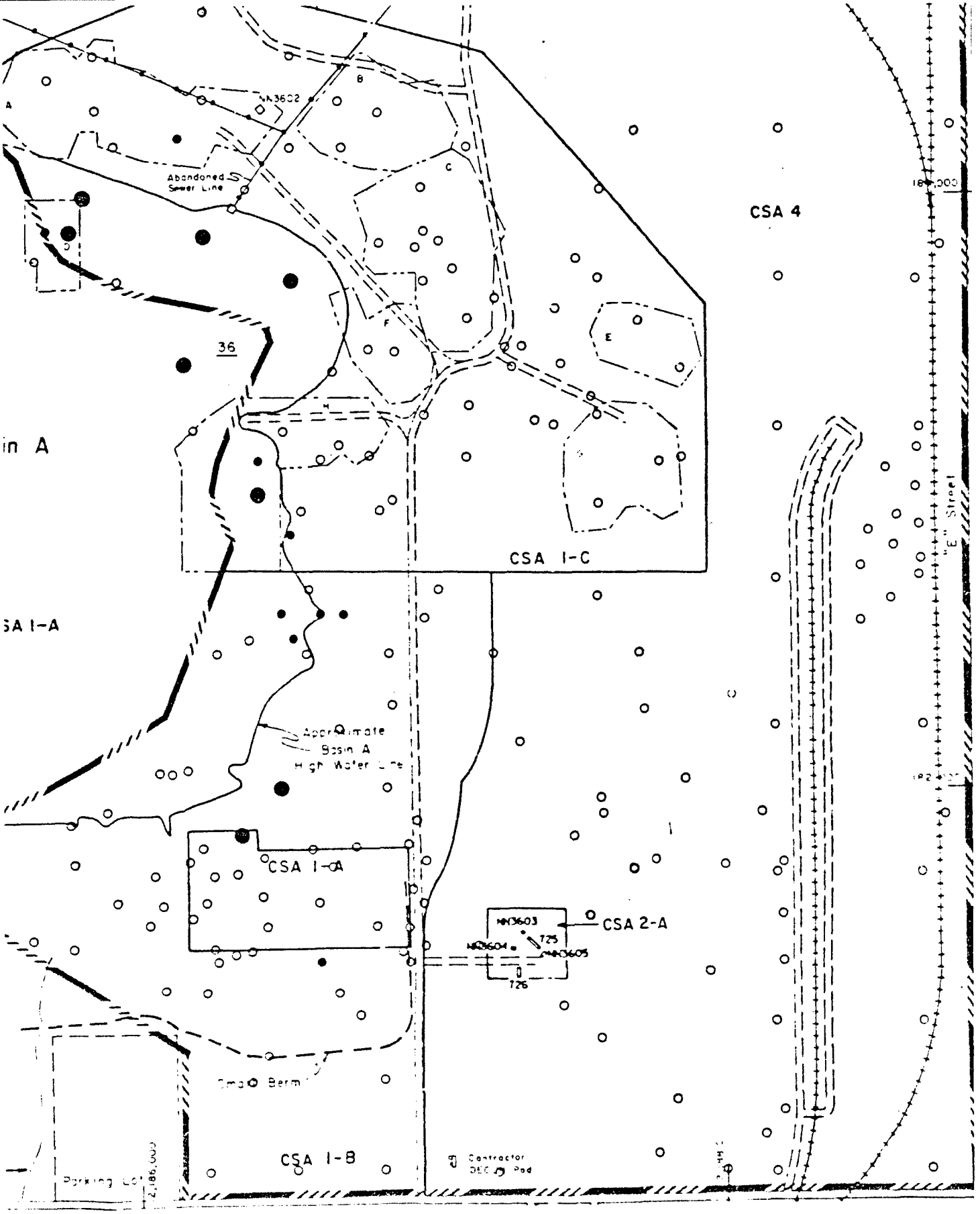
Legend

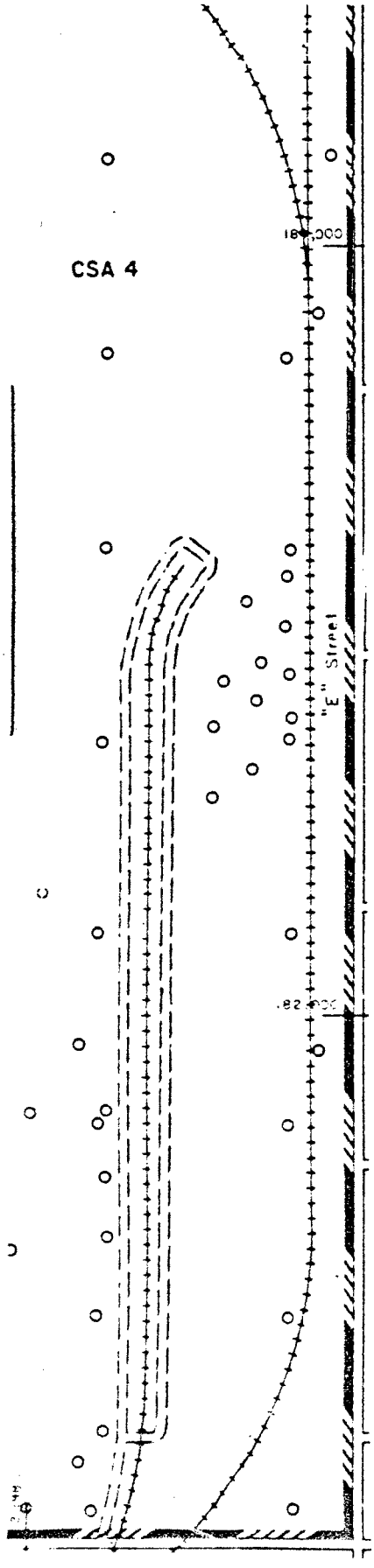
- Improved road
- Unimproved road
- Stream or ditch
- Shore line
- 9 Section number
- 186,000 State plane grid
- Structure
- Railroad tracks
- Former structure
- Central Study Area boundary
- Arsenal boundary
- CSA 1-C Site boundary
- Sanitary sewer
- B Geophysical anomaly
- Chemical sewer

ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

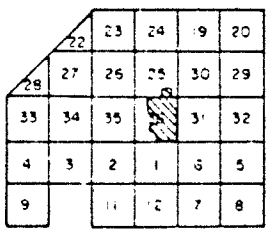
- o Below Certified Reporting Limit (BCRL)
- • 0.050 - 1.0
- ● 1.0 - 10
- ● 10 - 100
- ● >100


NCSA I-C
184,000
Earthen Dam
Basin A
"D" Street
NCSA I-A
182,000
Fire House
307
32
NCSA I-F
Parking

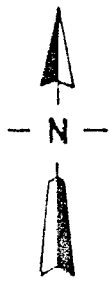

MW3602
Abandoned Sewer Line
CSA 4
36
CSA 1-C
CSA 1-A
Approximate Basin A High Water Line
CSA 1-A
MW3603
725
CSA 2-A
MW3604
MW3605
726
Small Berm
CSA 1-B
Contractor
Pad
Parking Lot
"E" Street

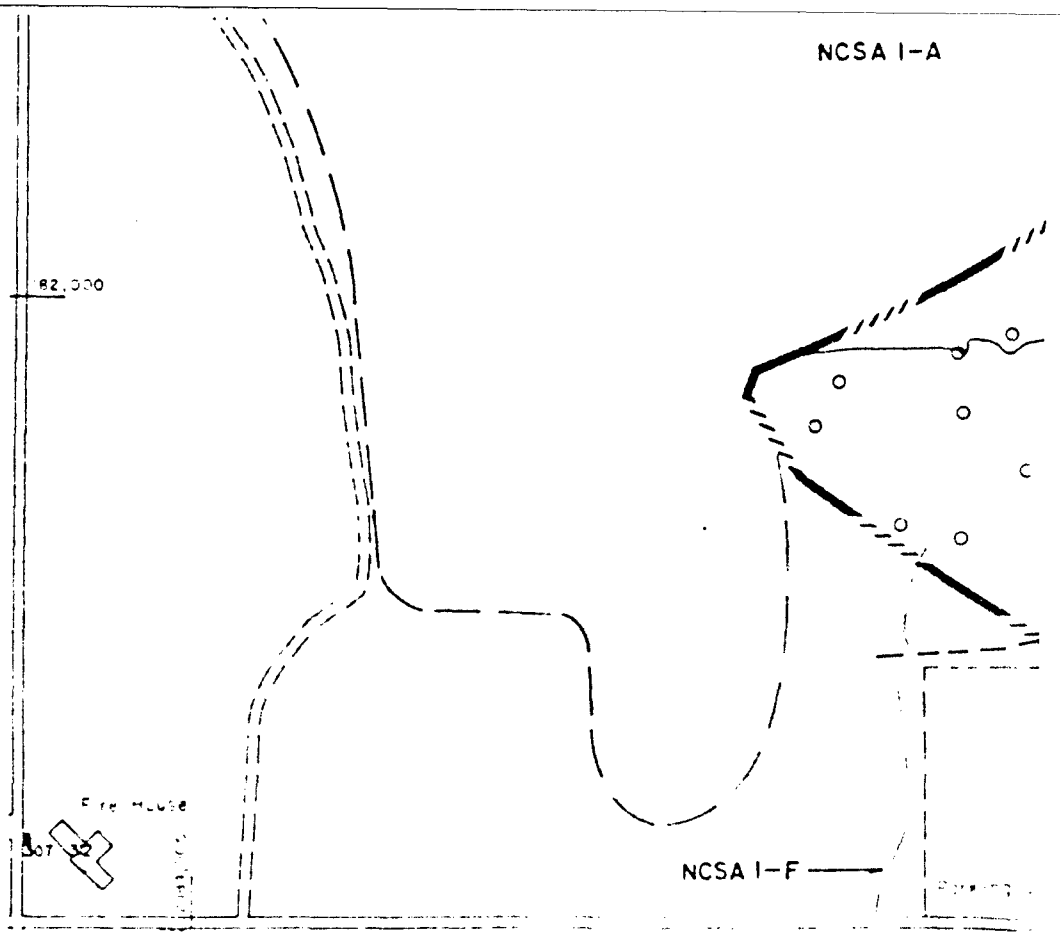


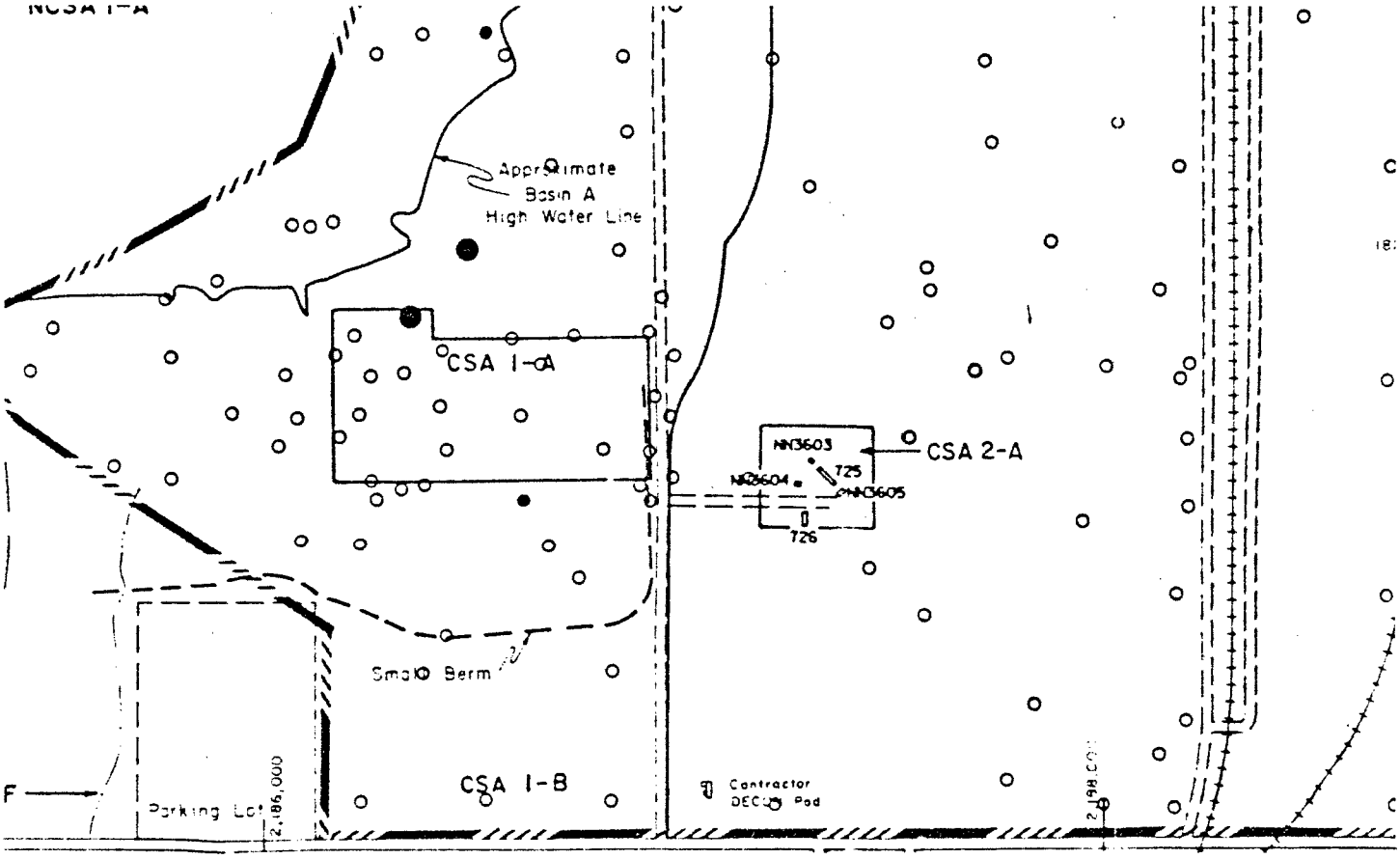
ROCKY MOUNTAIN ARSENAL
LOCATION

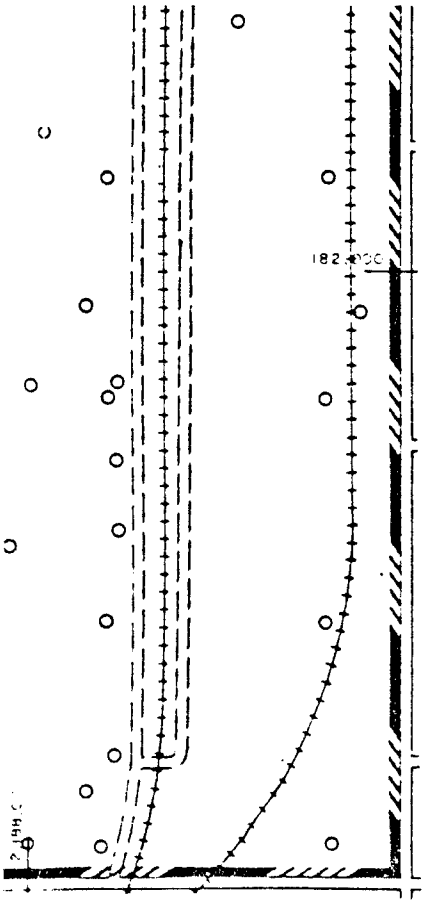


1" = 4 MILES

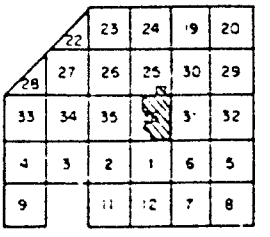



NCSA I-A
82,000
NCSA I-F


CSA 1-A
Approximate
Basin A
High Water Line
CSA 1-A
NN3603
725
NN3604
NN3605
726
CSA 2-A
Small Berm
CSA 1-B
Parking Lot
2,186,000
Contractor
Pad
2,198,000

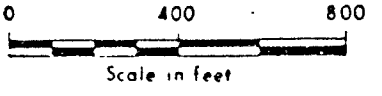


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





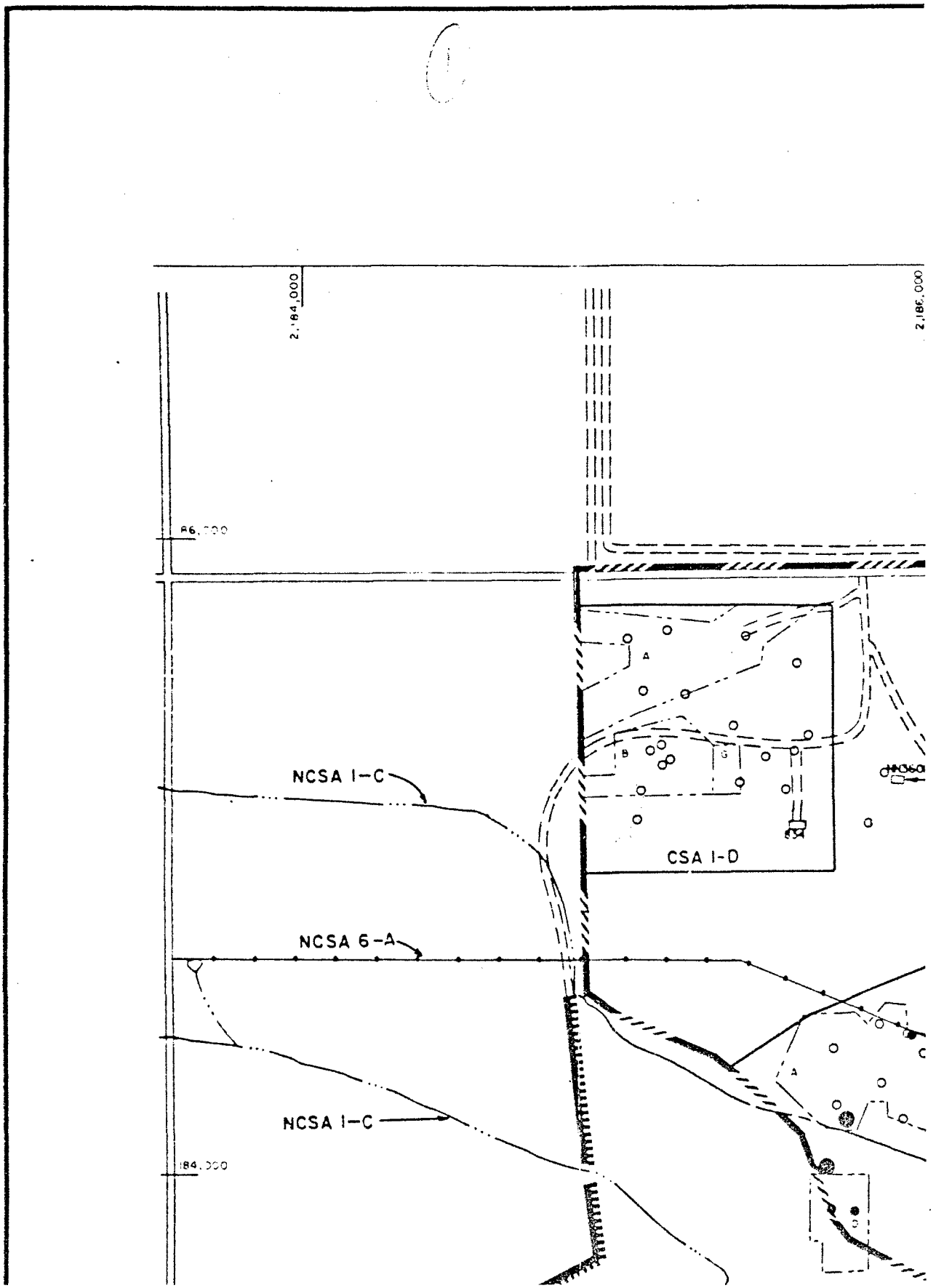
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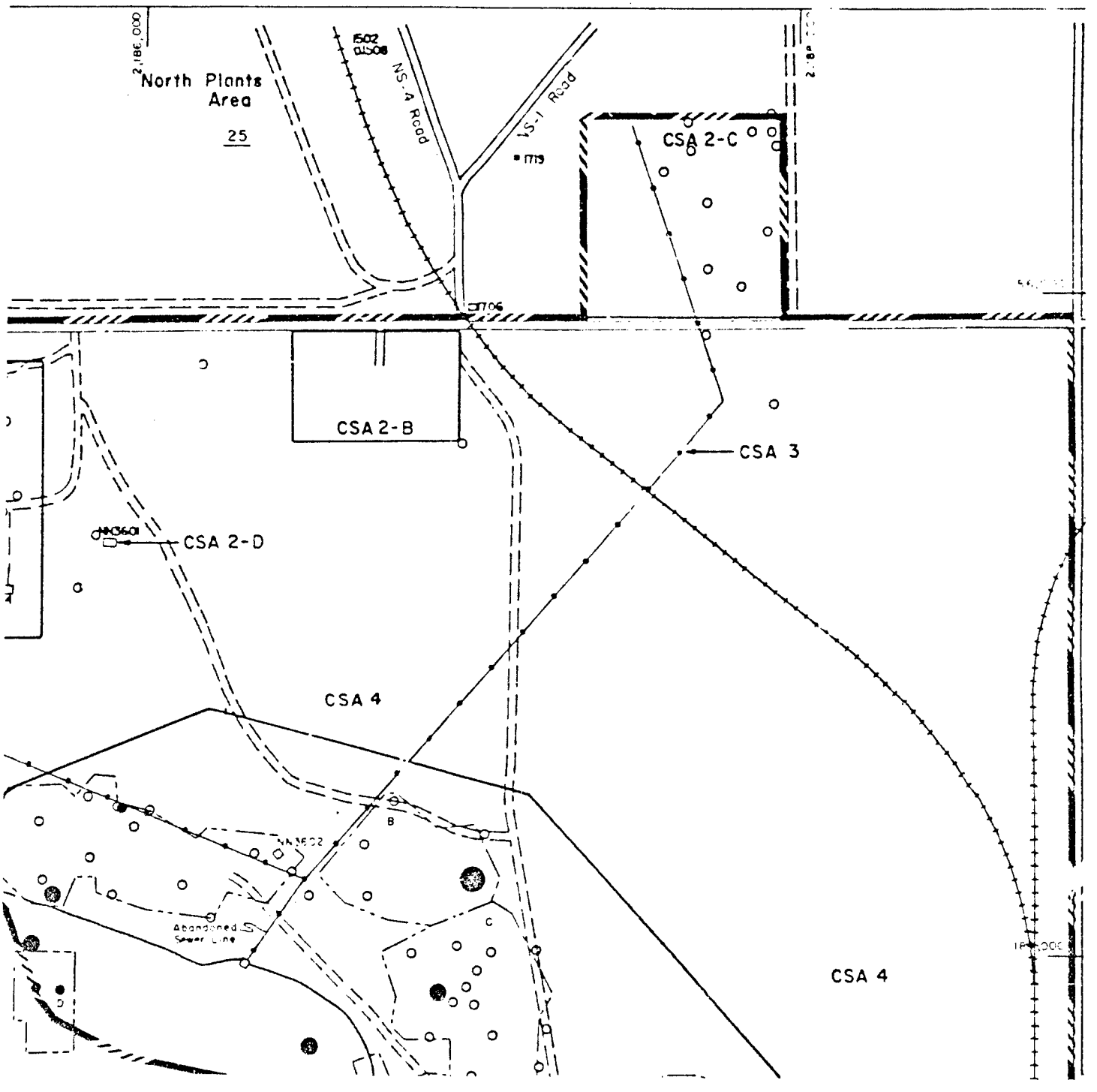
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

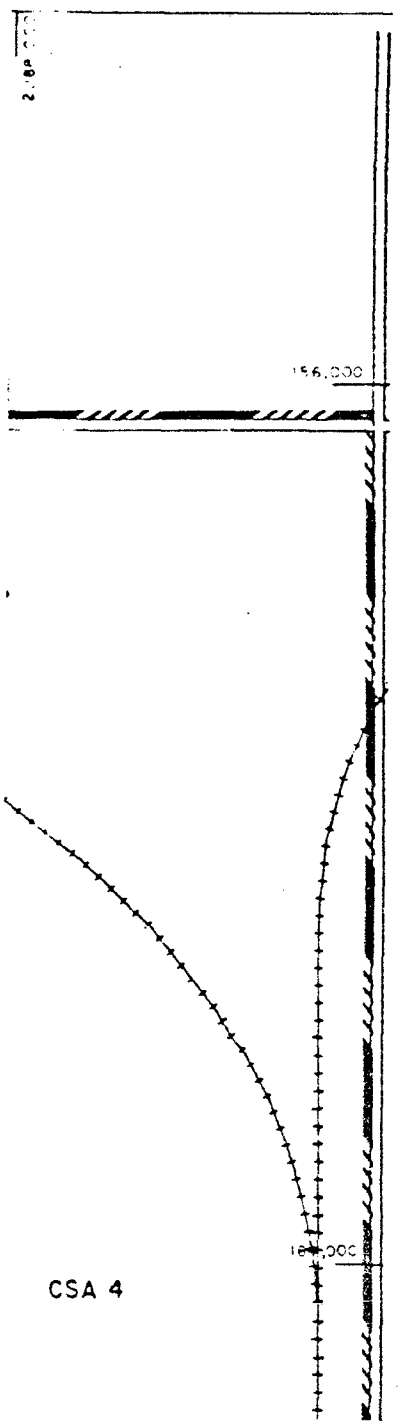
PLATE CSA 2.1-27

Organophosphorous Compounds
GB-Agent Related in Soils in the 2-5 ft Interval

Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated


2,184,000
2,186,000
186,000
NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C
184,000


North Plants Area
25
NS-4 Road
NS-1 Road
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4
Abandoned Sewer Line

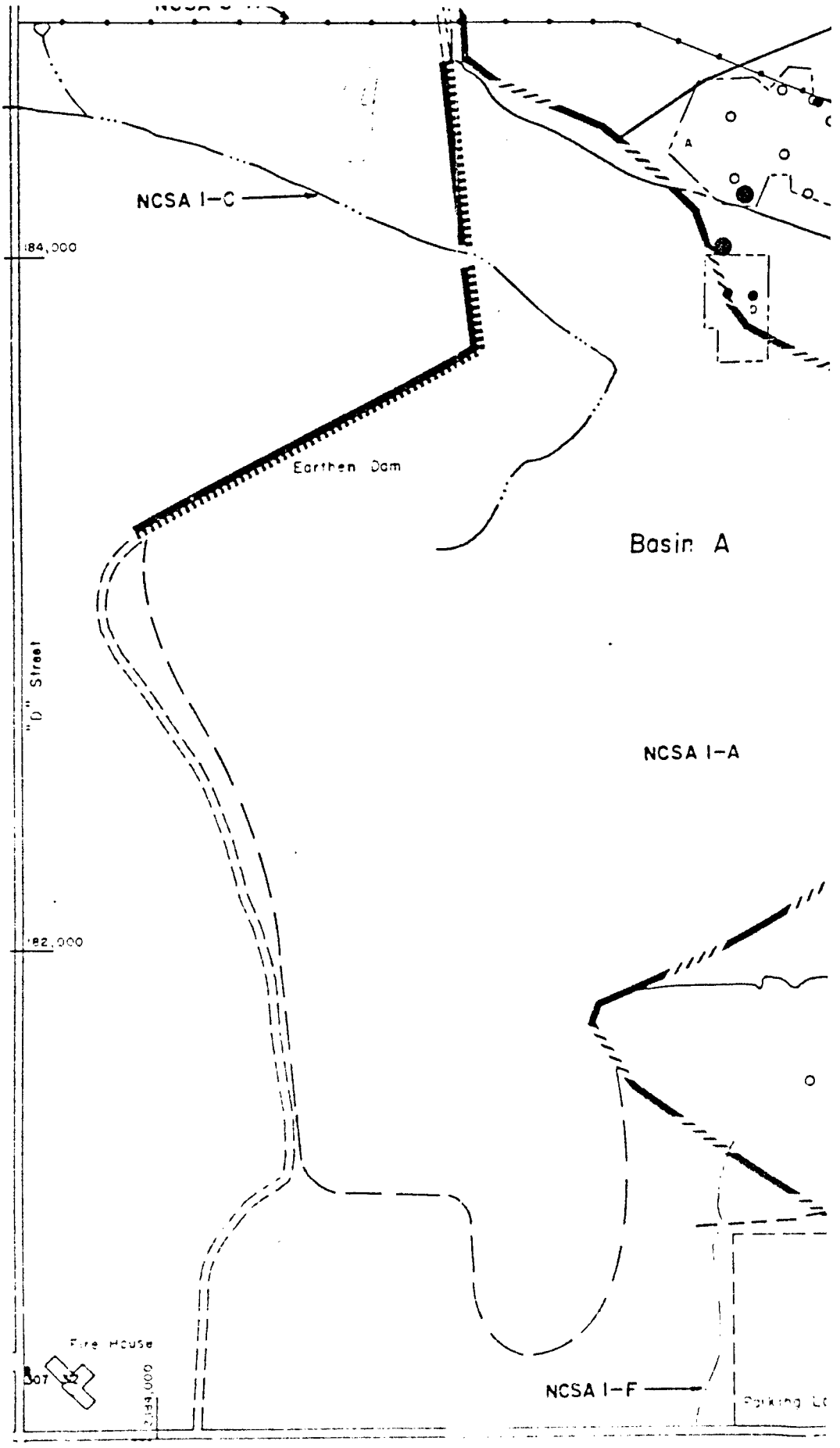


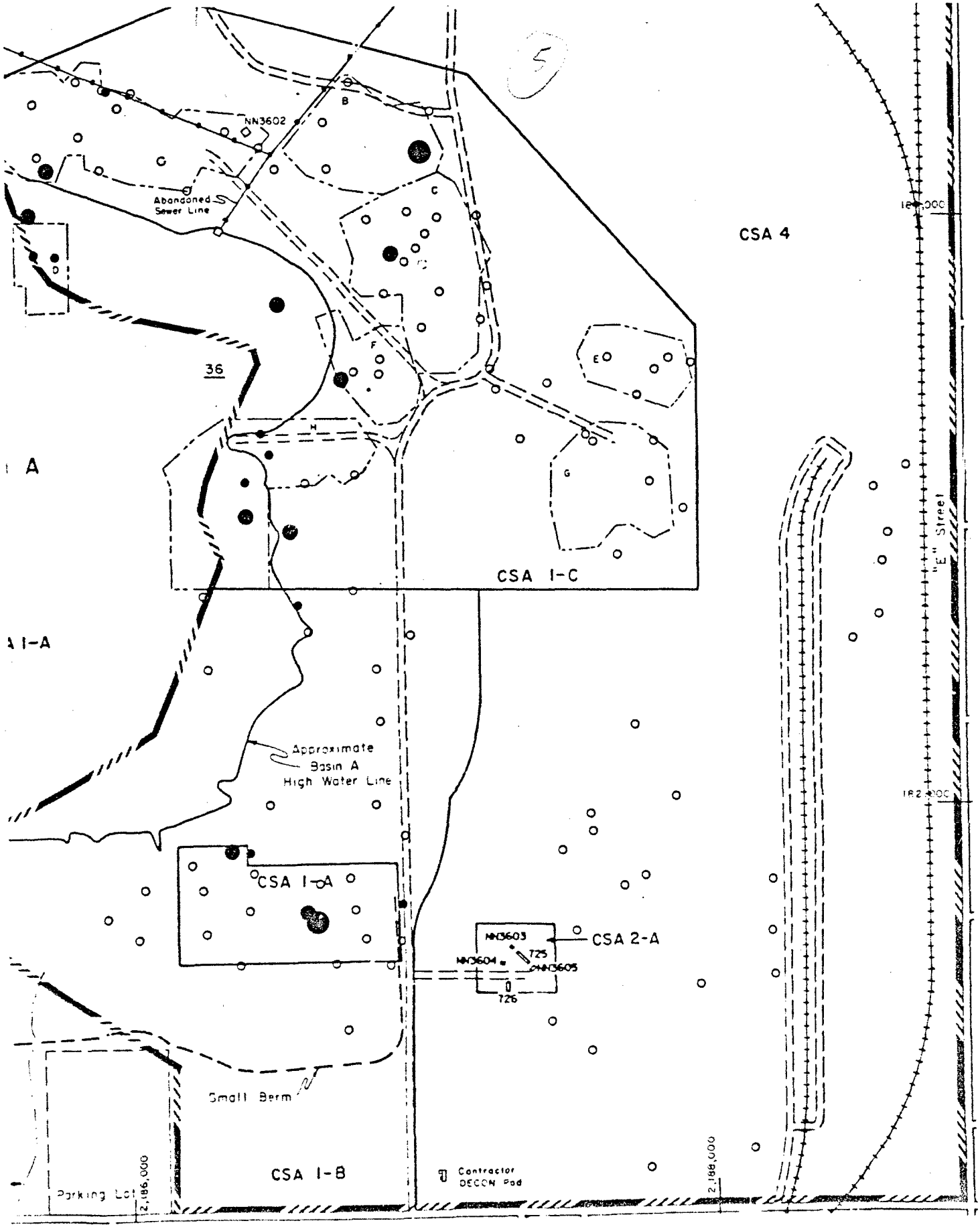
Legend

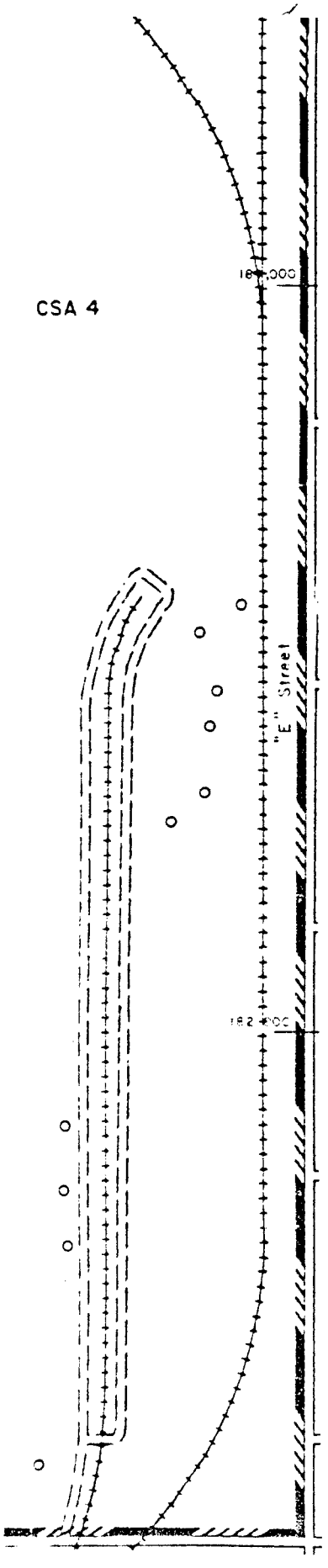
Improved road	Unimproved road
Stream or ditch	Shore line
	9 Section number
184,000 State plane grid	Structure
Railroad tracks	Former structure
Central Study Area boundary	Arsenal boundary
CSA 1-C Site boundary	Sanitary sewer
B Geophysical anomoly	Chemical sewer

ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

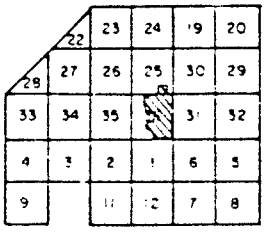
- o Below Certified Reporting Limit (BCRL)
- • 0.050 - 1.0
- ● 1.0 - 10
- ● 10 - 100
- ● >100


NCSA I-C
184,000
Earthen Dam
Basin A
"D" Street
NCSA I-A
182,000
Fire House
NCSA I-F
Parking Lo

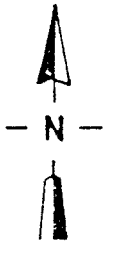

5
NN3602
B
C
G
Abandoned Sewer Line
D
F
E
36
H
G
CSA 4
CSA 1-C
A
1-A
Approximate Basin A High Water Line
CSA 1-A
NN3603
CSA 2-A
NN3604
725
NN3605
726
Small Berm
CSA 1-B
Parking Lot
2,186,000
Contractor DECON Pad
"E" Street

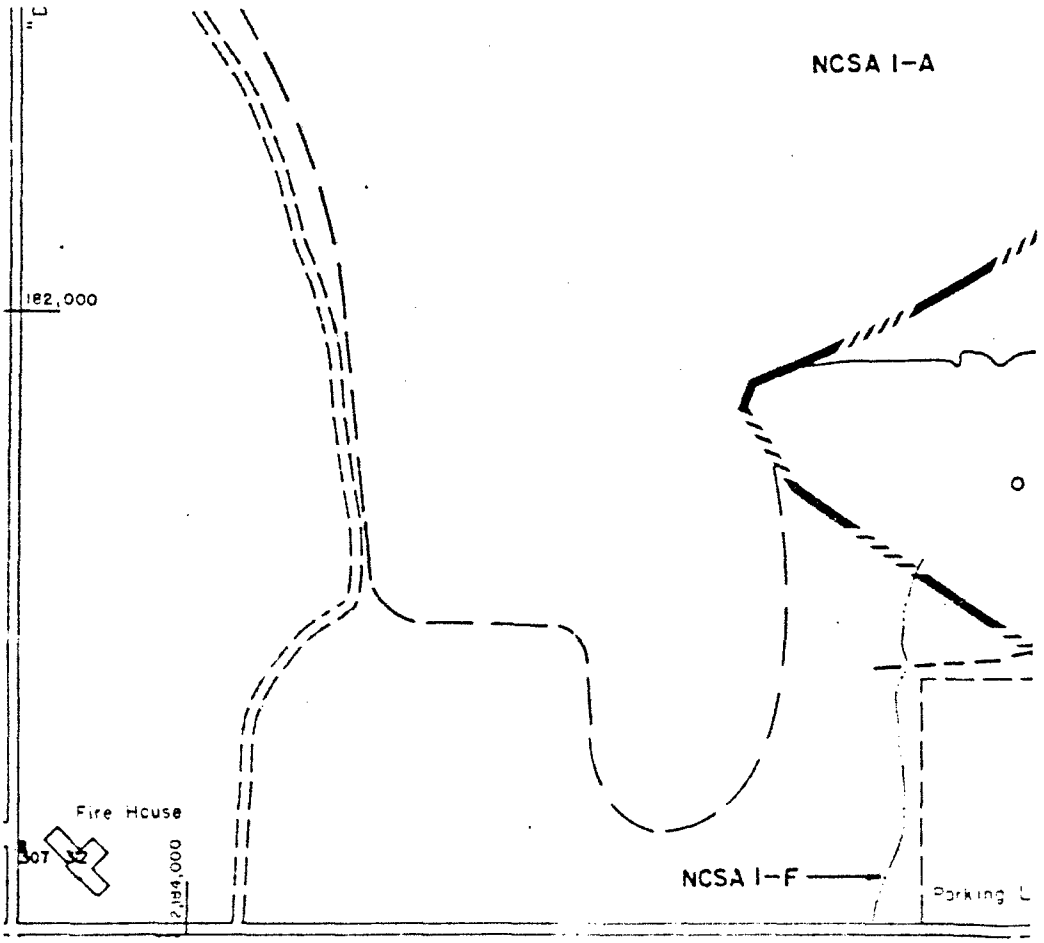


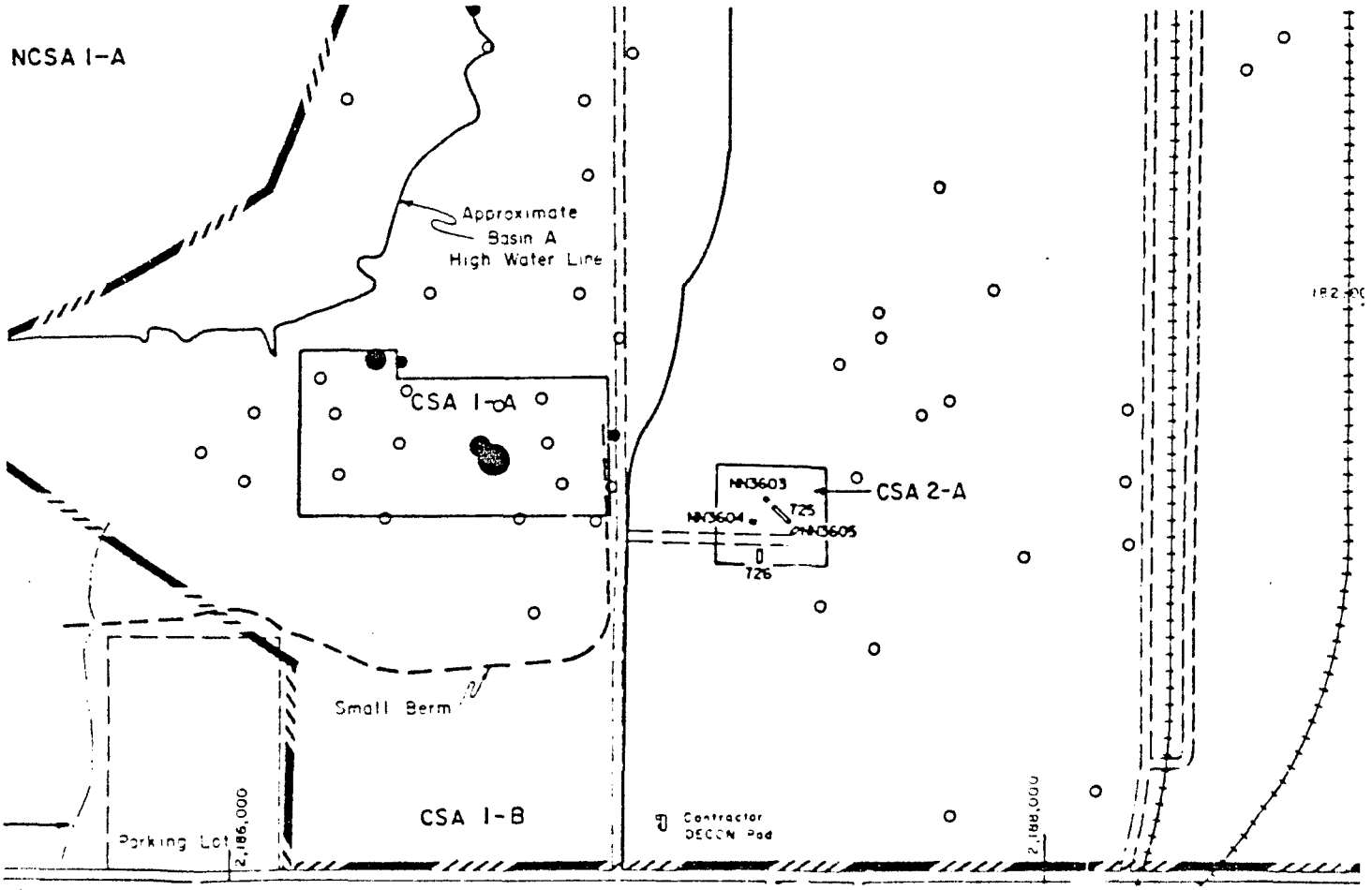
ROCKY MOUNTAIN ARSENAL
LOCATION



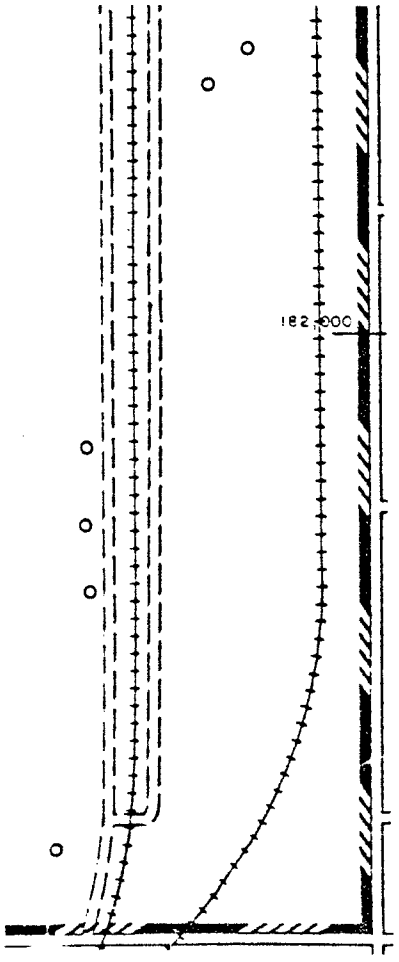
1" = 4 MILES



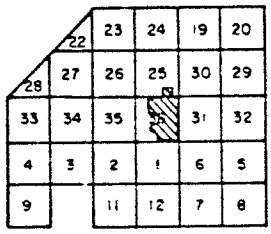

NCSA I-A
182,000
Fire House
307
2,194,000
NCSA I-F
Parking L


NCSA 1-A
Approximate
Basin A
High Water Line
CSA 1-A
CSA 2-A
NN3603
725
NN3604
NN3605
726
Small Berm
CSA 1-B
Parking Lot
Contractor
DECON Pad
2,186,000
2,188,000

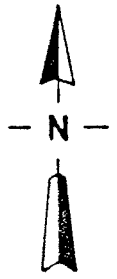
NCSA 6-A

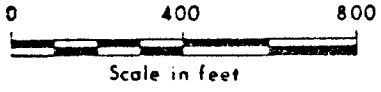


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES



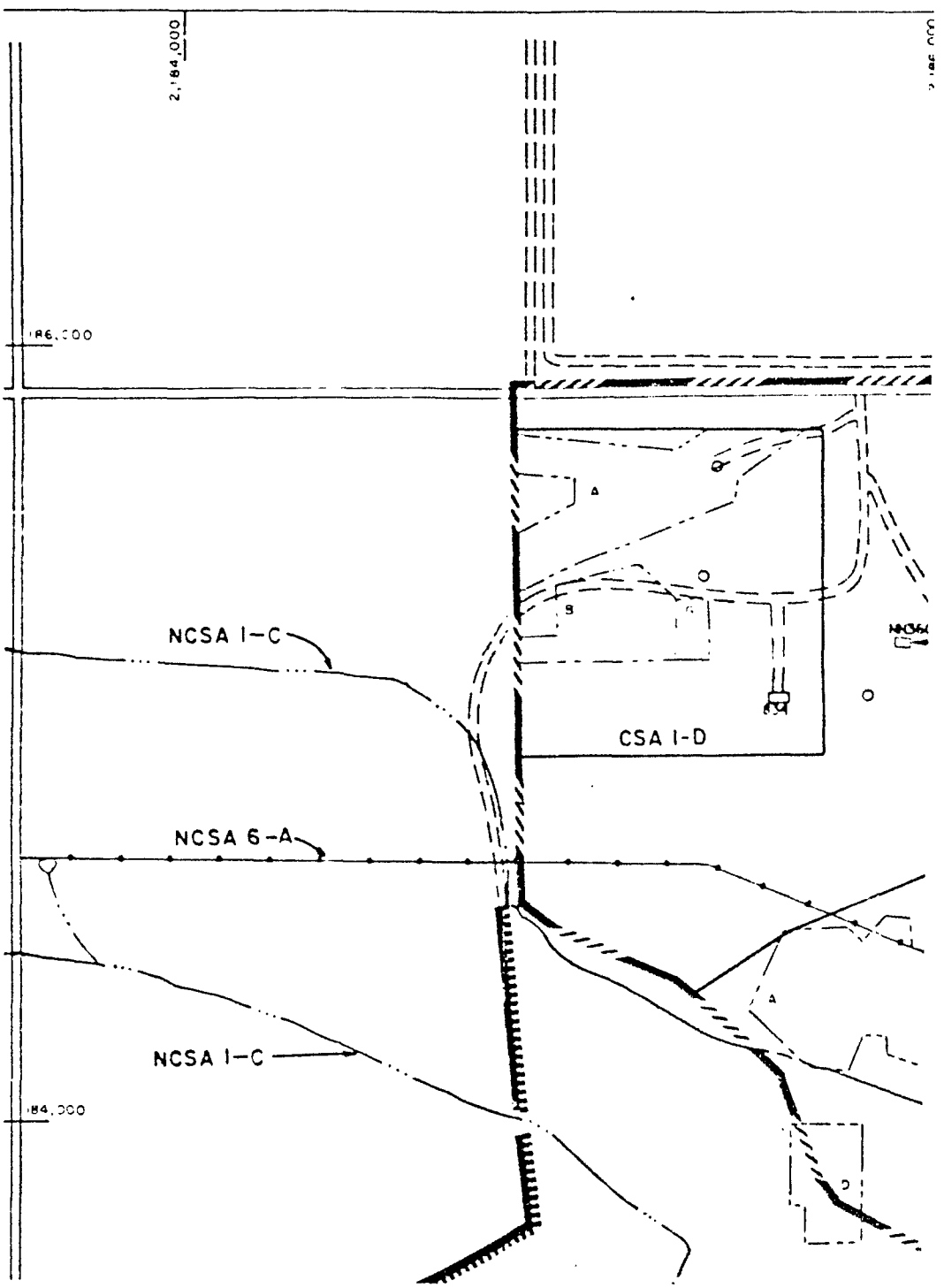


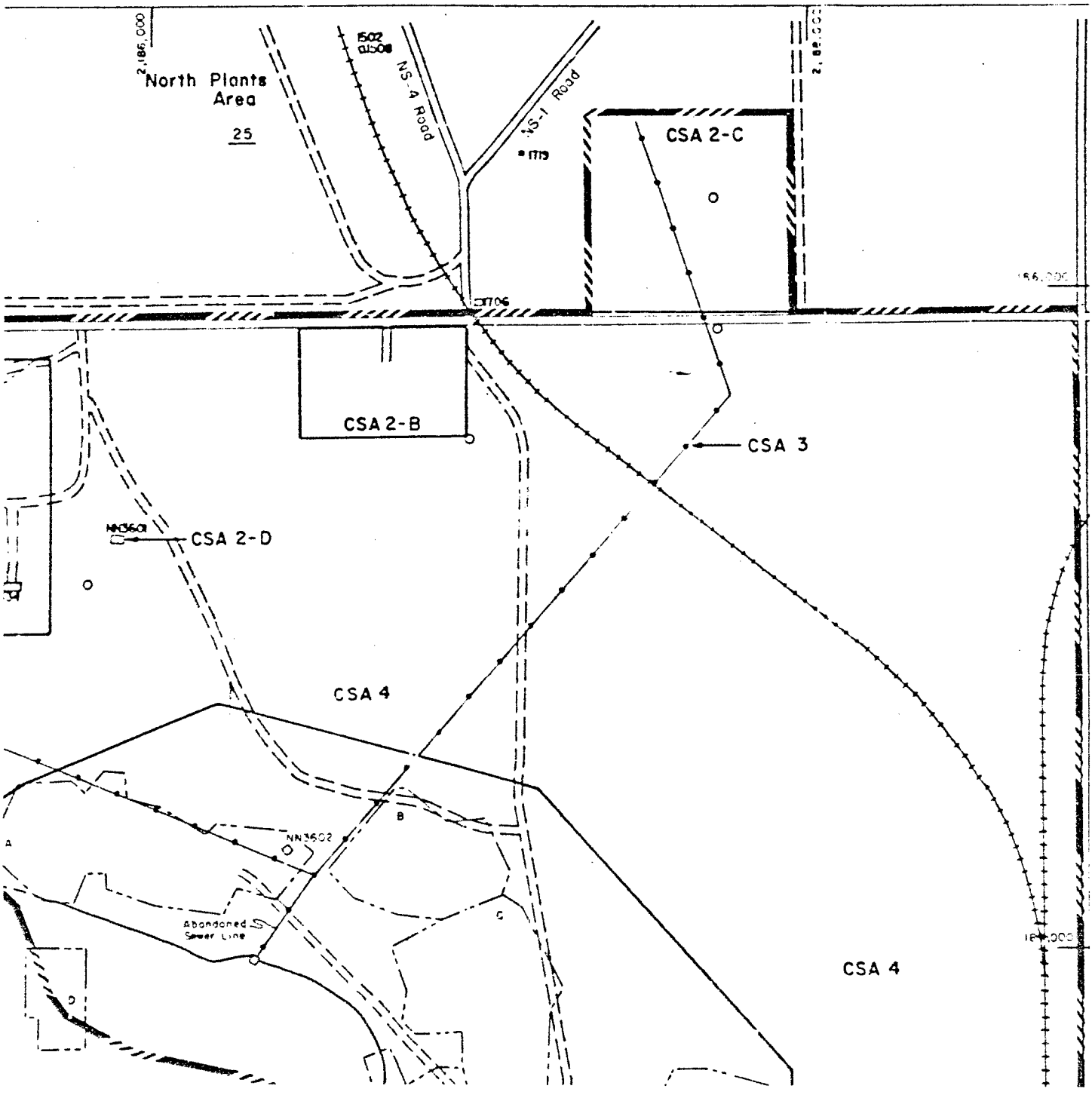
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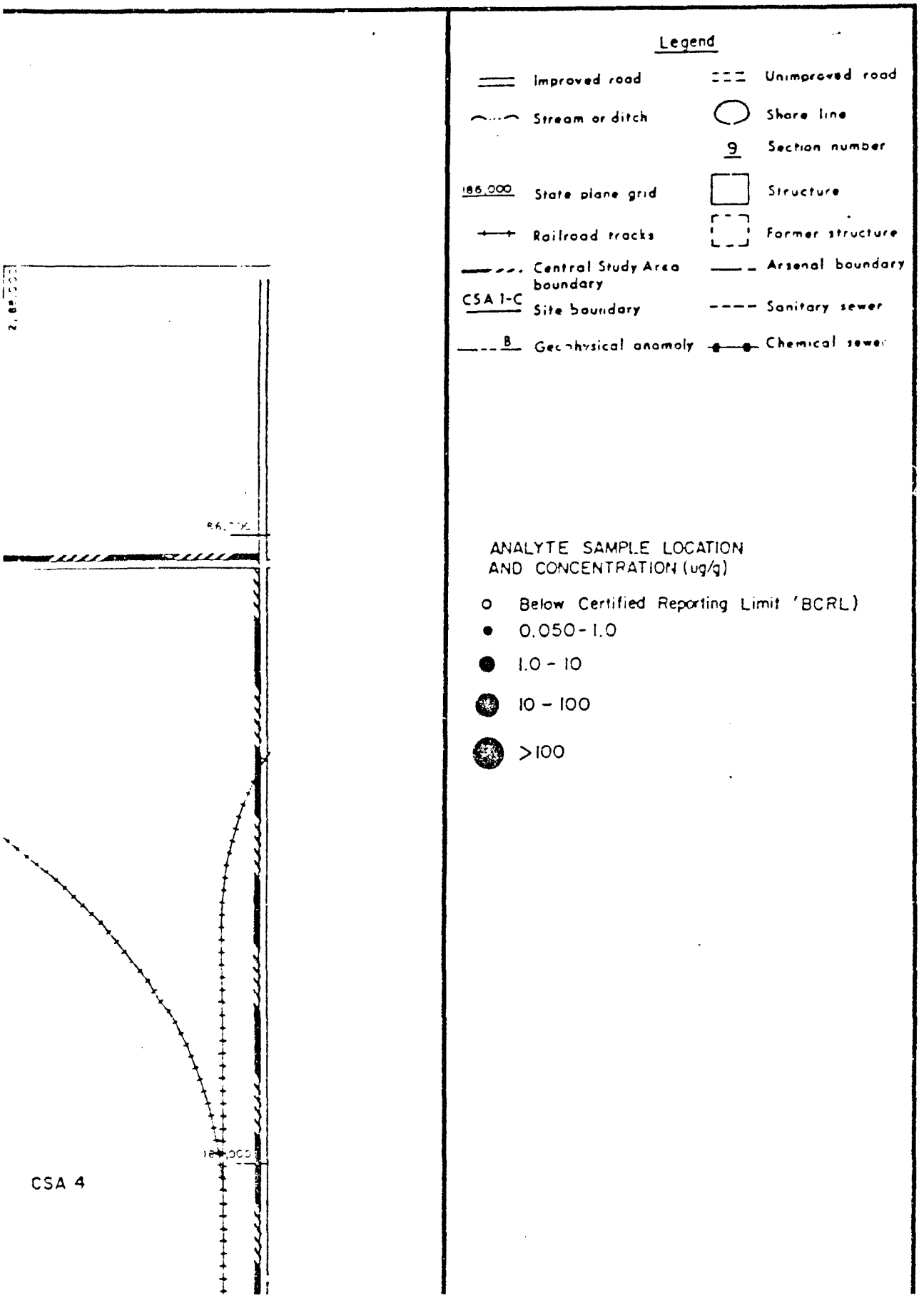
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

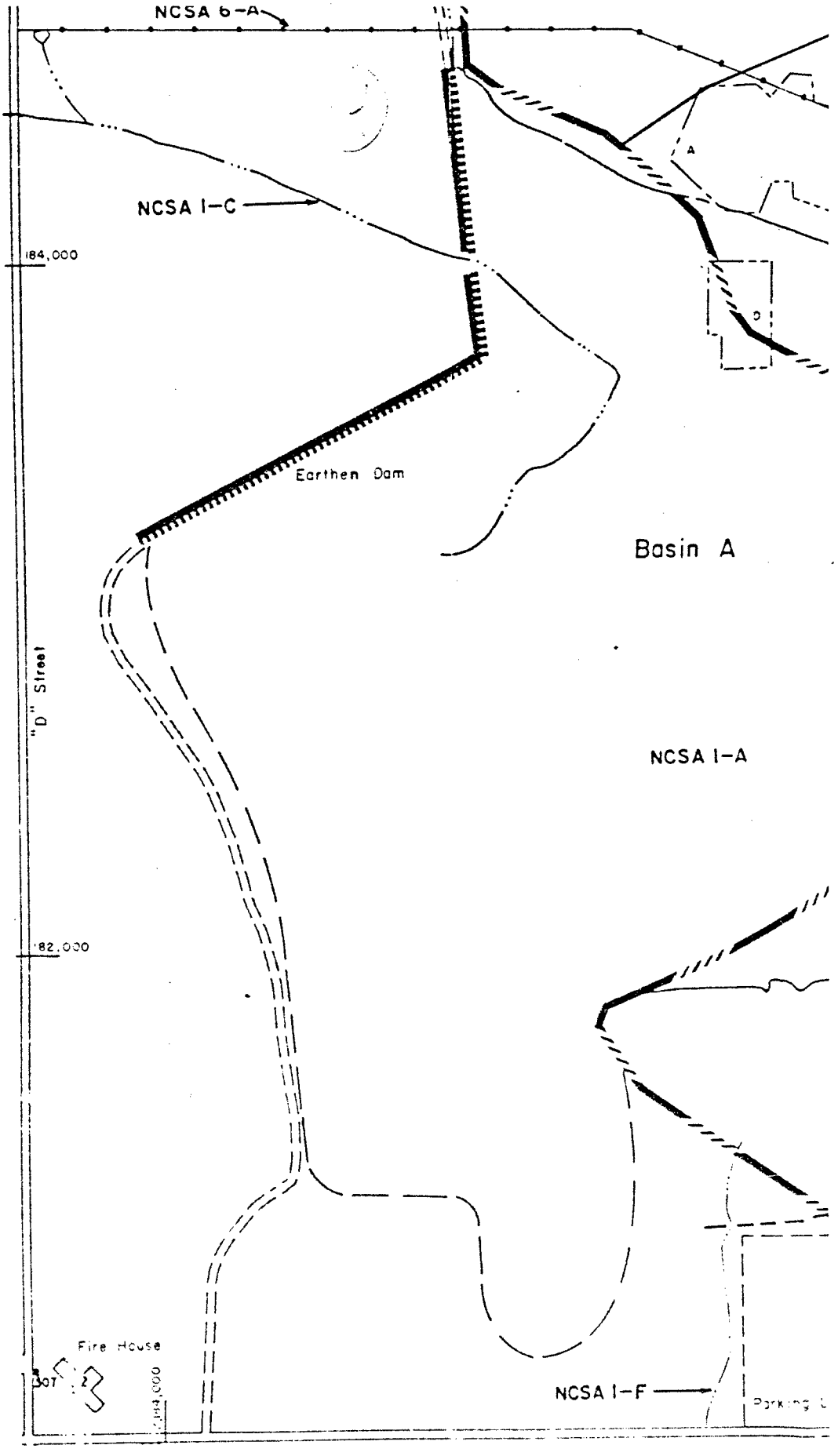
PLATE CSA 2.1-28
Organophosphorous Compounds
GB-Agent Related
in Soils in the 5-20 ft. Interval

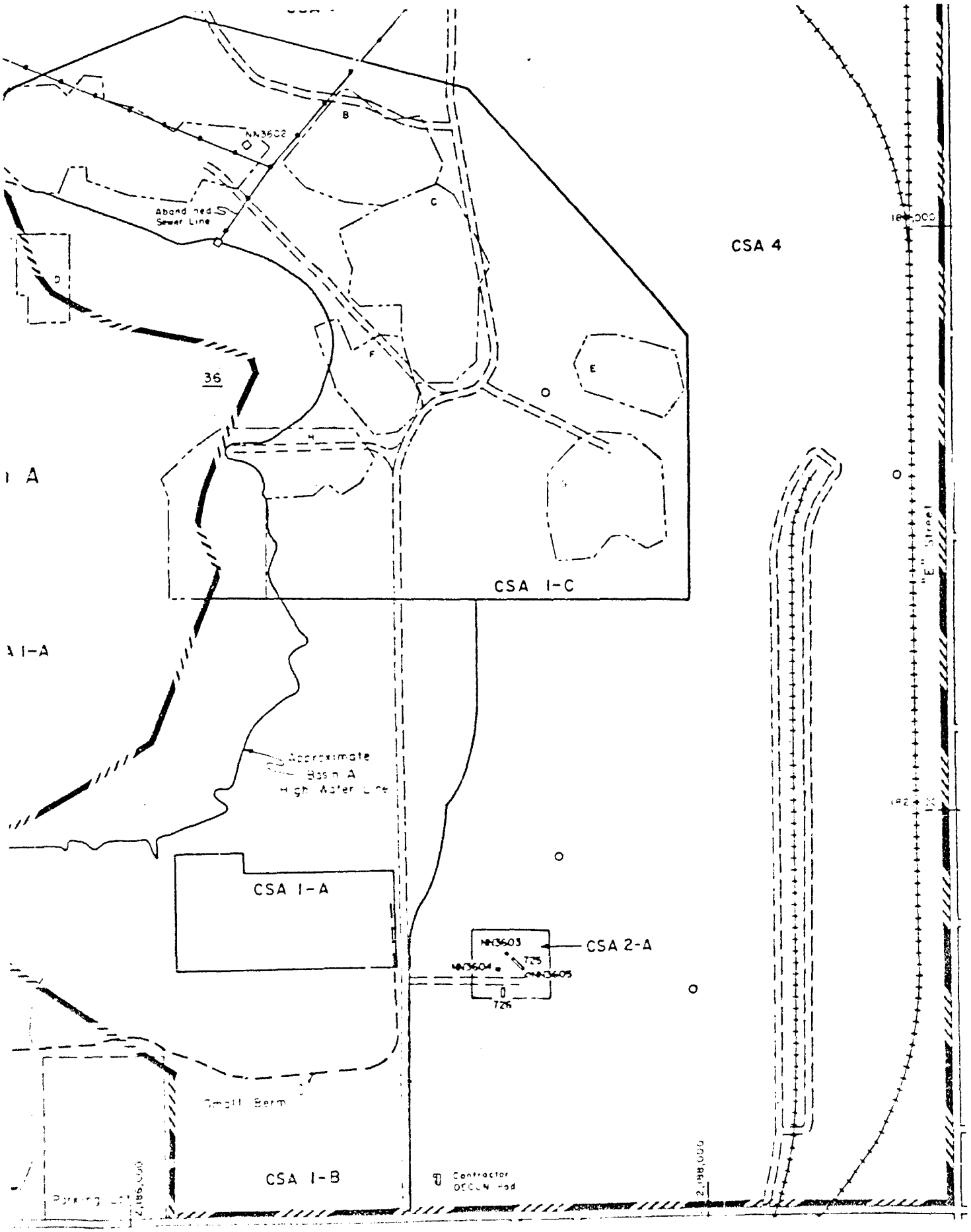
Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated

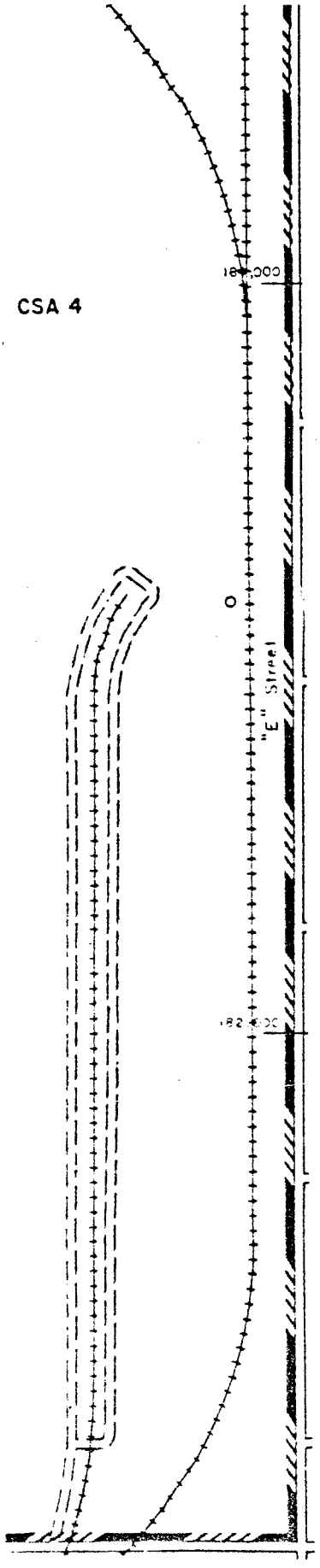

2,184,000
186,000
184,000
NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C


North Plants Area
25
NS-4 Road
NS-1 Road
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4
NN3602
Abandoned Sewer Line
A
B
C

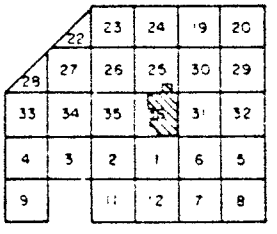

Legend
Improved road
Unimproved road
Stream or ditch
Shore line
9
Section number
186,000
State plane grid
Structure
Railroad tracks
Former structure
Central Study Area boundary
Arsenal boundary
CSA 1-C
Site boundary
Sanitary sewer
B
Geophysical anomoly
Chemical sewer
ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)
Below Certified Reporting Limit 'BCRL)
0.050 - 1.0
1.0 - 10
10 - 100
>100
CSA 4


NCSA 6-A
NCSA 1-C
184,000
Earthen Dam
Basin A
"D" Street
NCSA 1-A
182,000
Fire House
NCSA 1-F

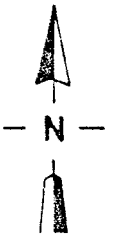

CSA 4
CSA I-C
CSA I-A
CSA 2-A
CSA I-B
Abandoned Sewer Line
Approximate Basin A High Water Line
Small Berm
Contractor
"E" Street
36
B
C
D
E
F

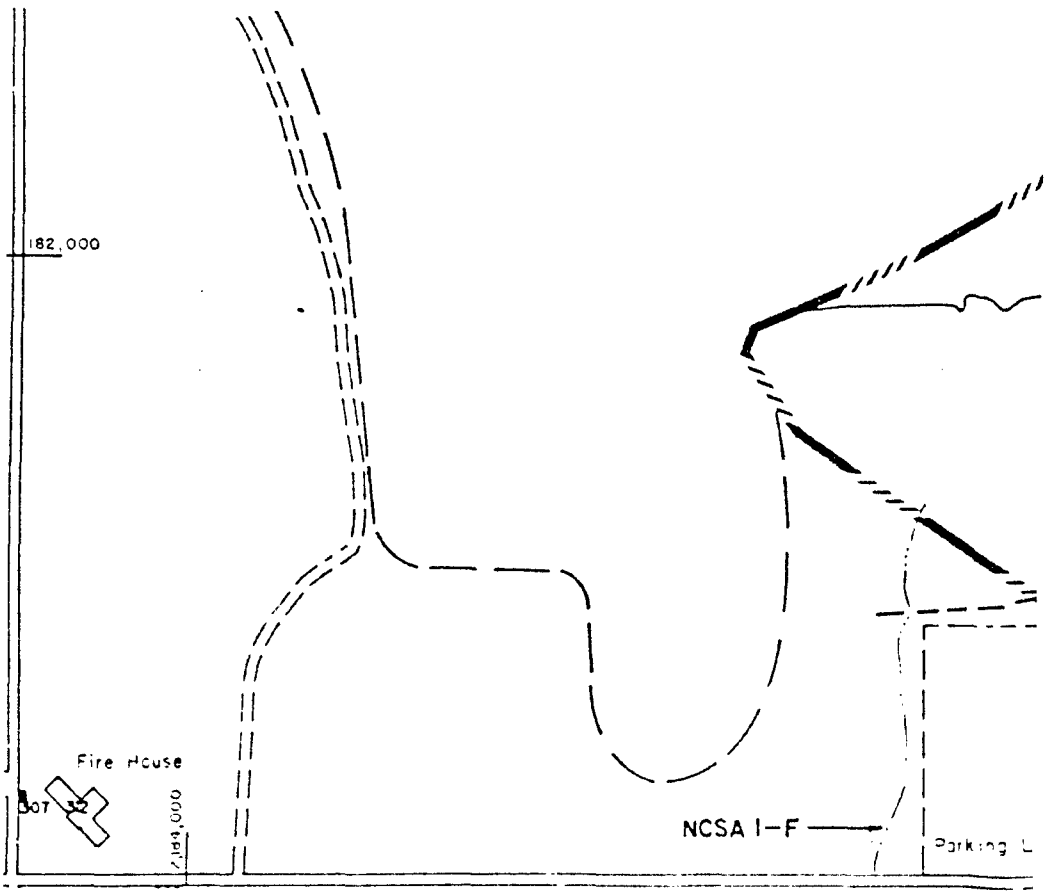


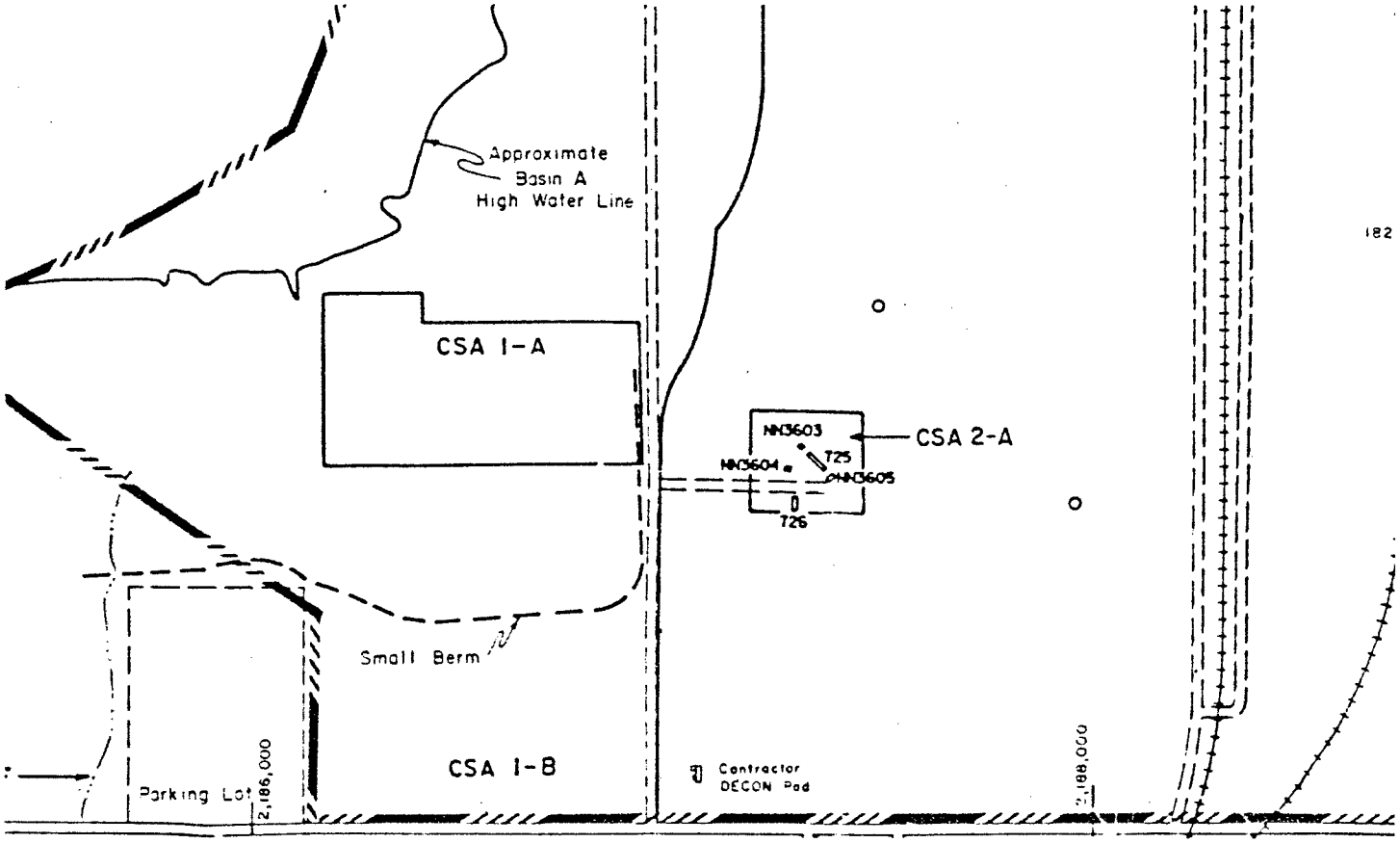
ROCKY MOUNTAIN ARSENAL
LOCATION

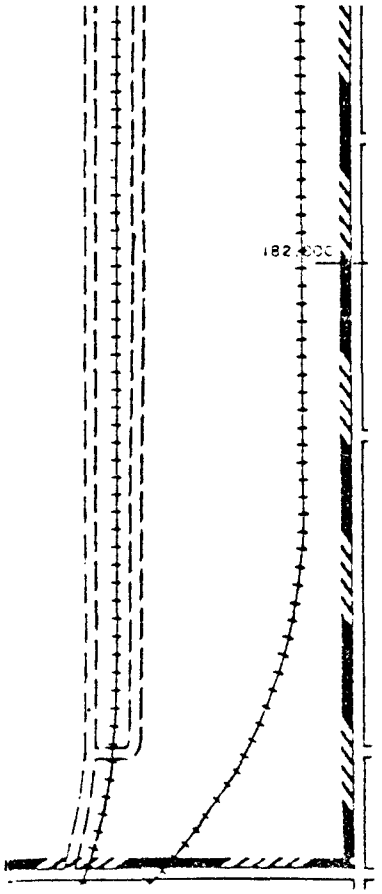


1" = 4 MILES

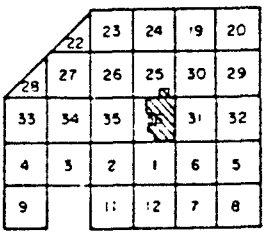



182,000
Fire House
307
32
NCSA I-F
Parking L

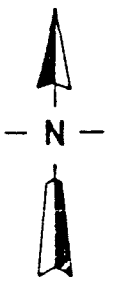

Approximate
Basin A
High Water Line
CSA 1-A
MW3603
CSA 2-A
725
MW3604
MW3605
726
Small Berm
CSA 1-B
Parking Lot
2,186,000
Contractor
DECON Pad
2,188,000

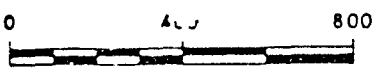


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





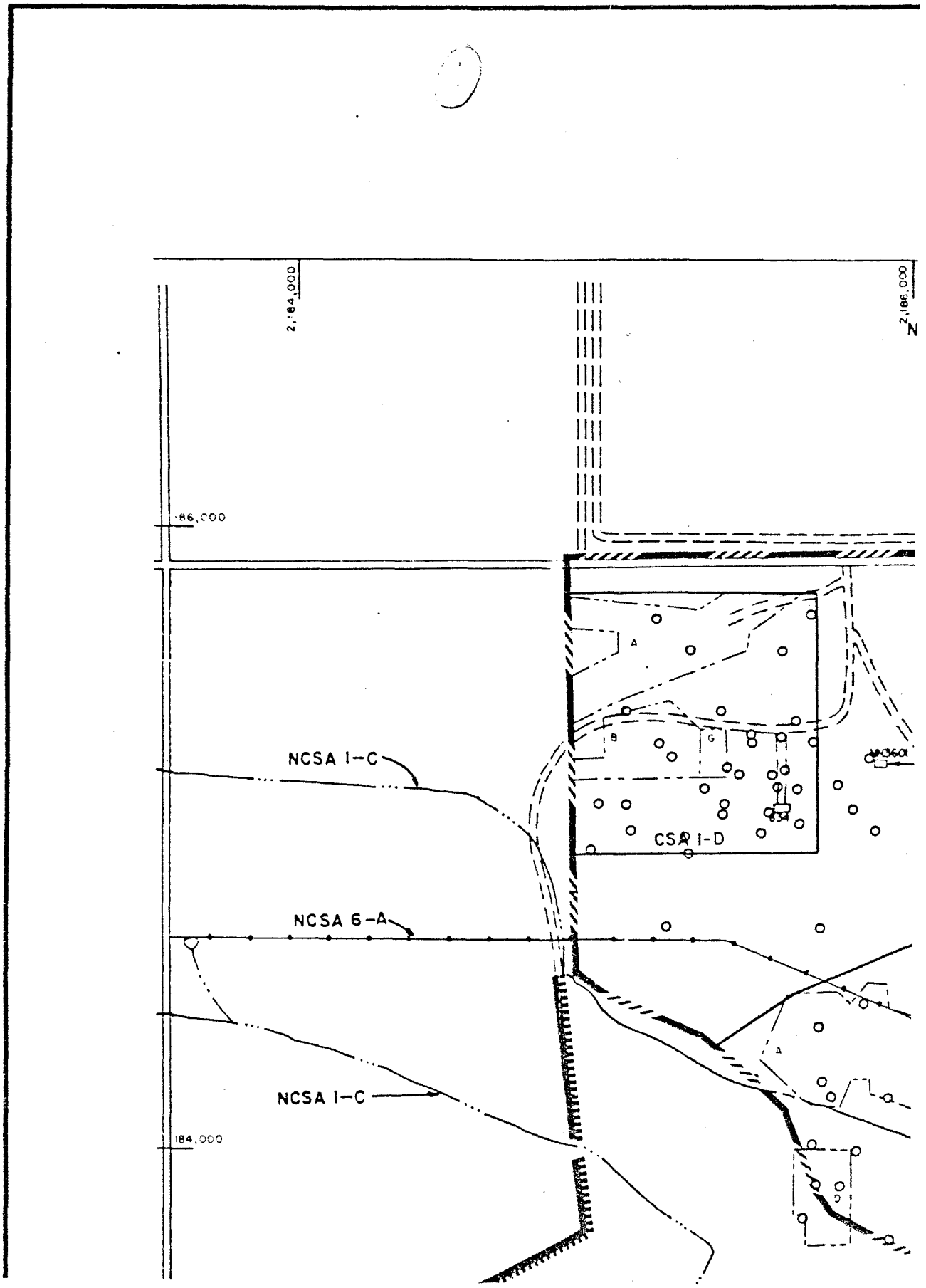
Scale in feet

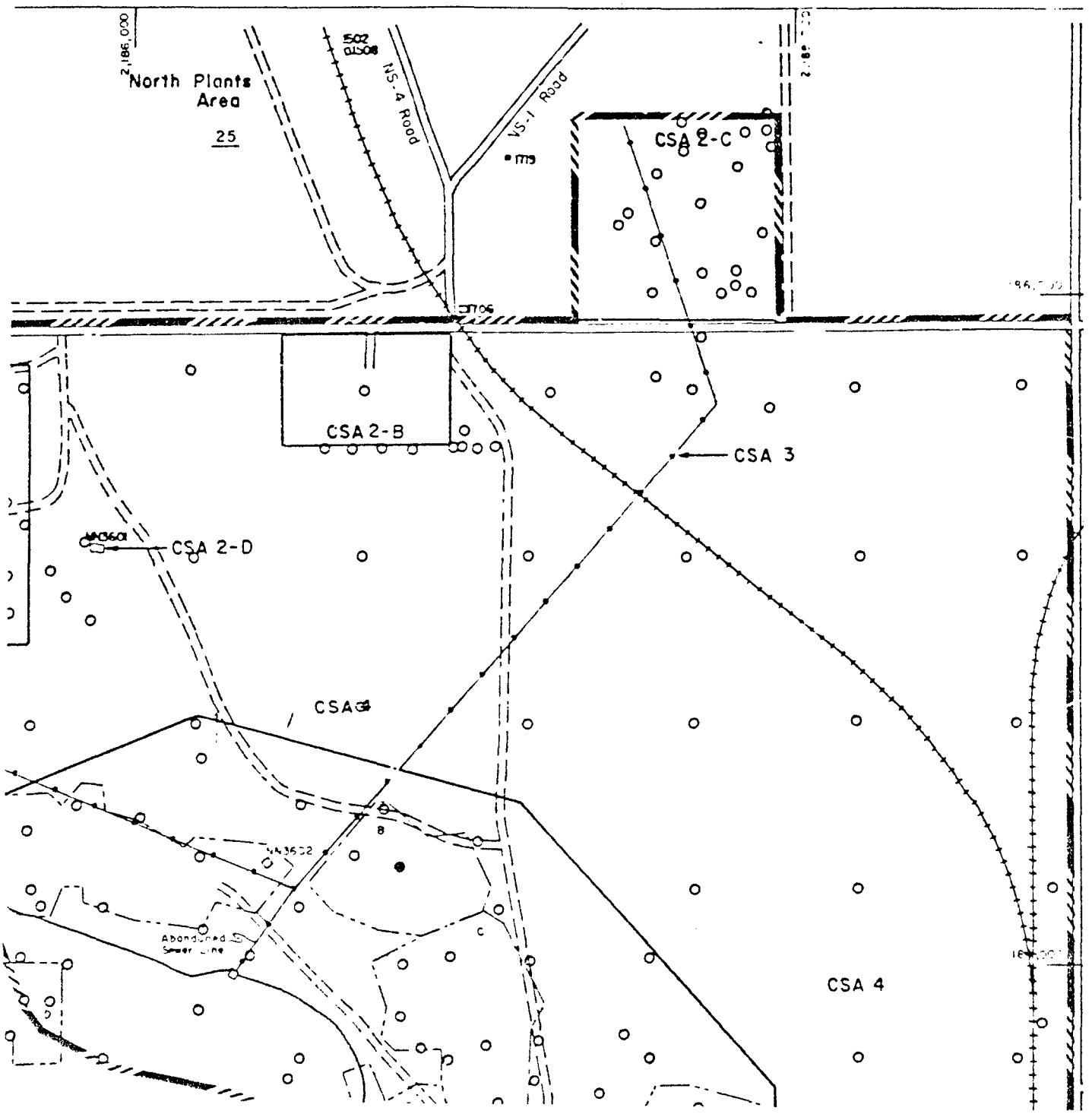
Prepared for:

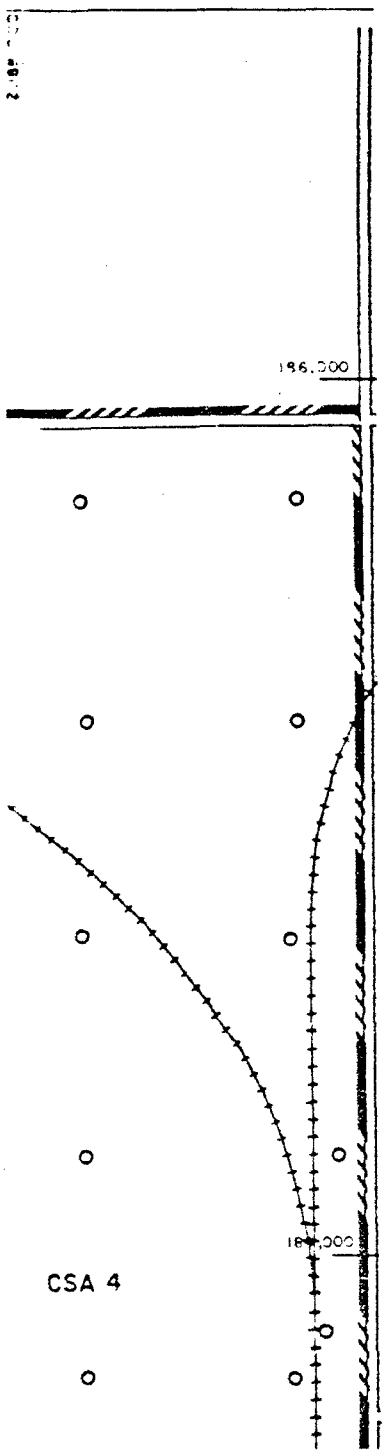
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-29
Organophosphorous Compounds
GB-Agent Related
in Soils in the >20 ft. Interval

Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated


2,184,000
2,186,000
186,000
184,000
NCSA 1-C
NCSA 6-A
NCSA 1-C
CSA 1-D
A
B
G


2,186,000
North Plants Area
25
NS-4 Road
VS-1 Road
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
Abandoned Sewer Line

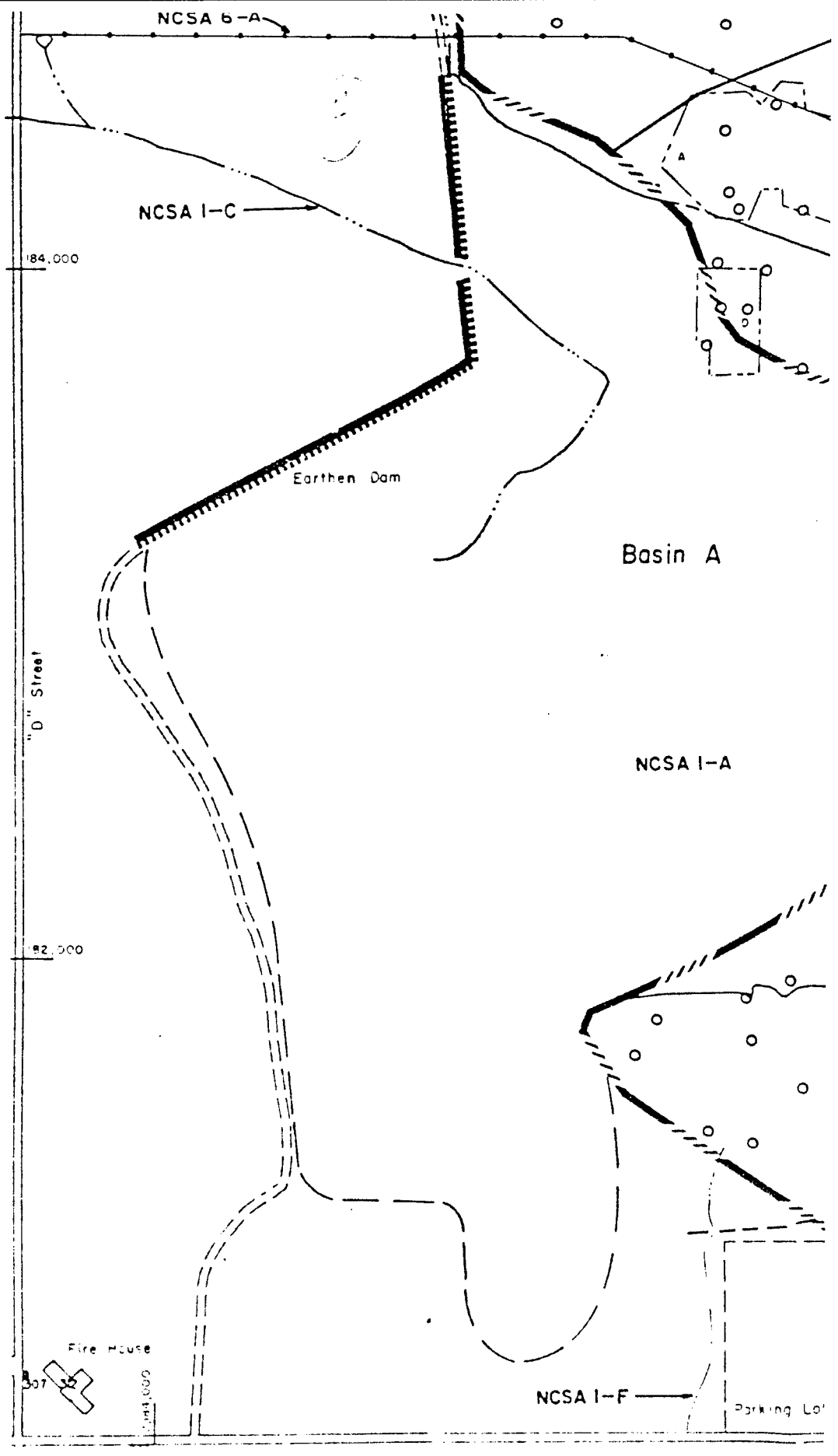


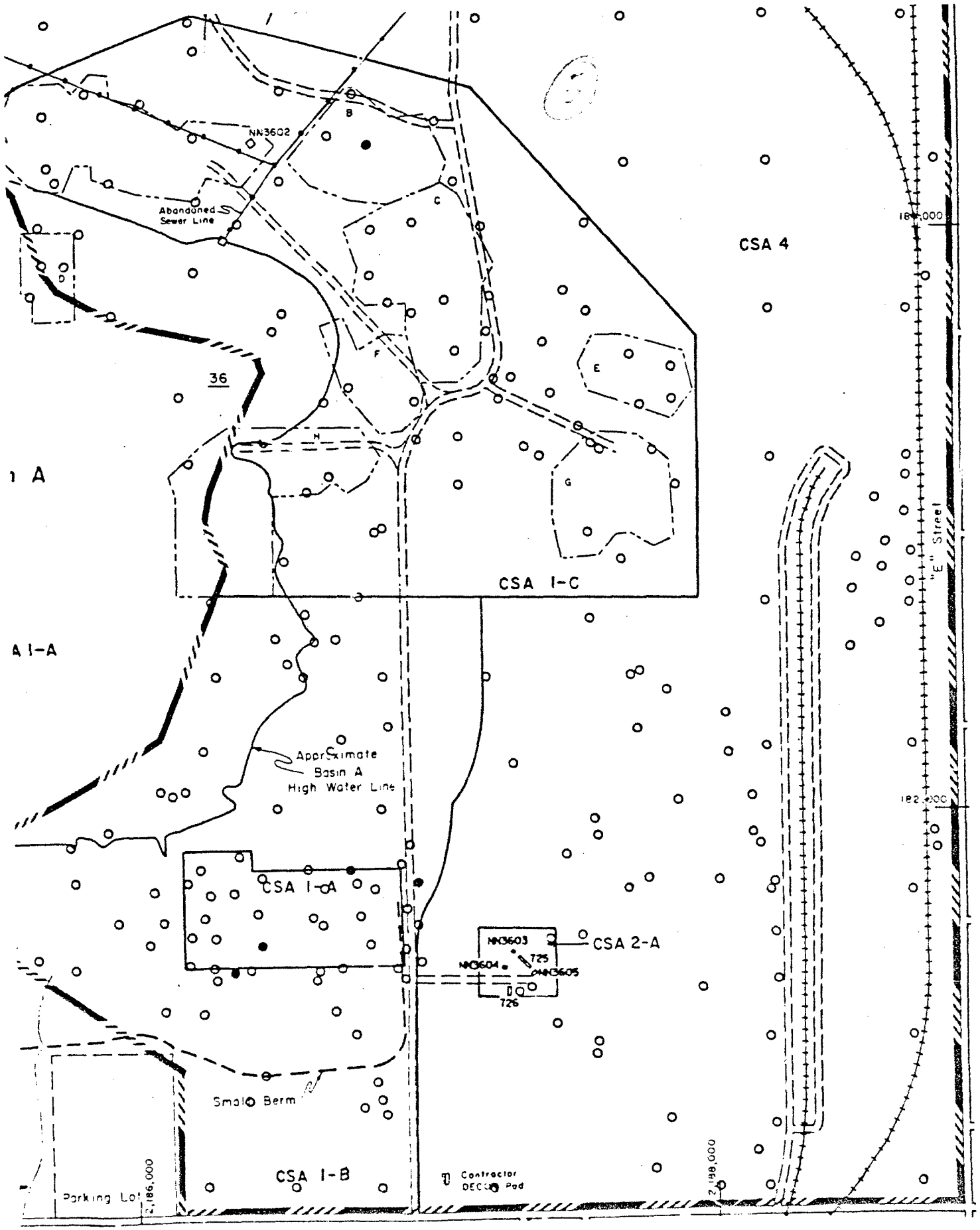
Legend

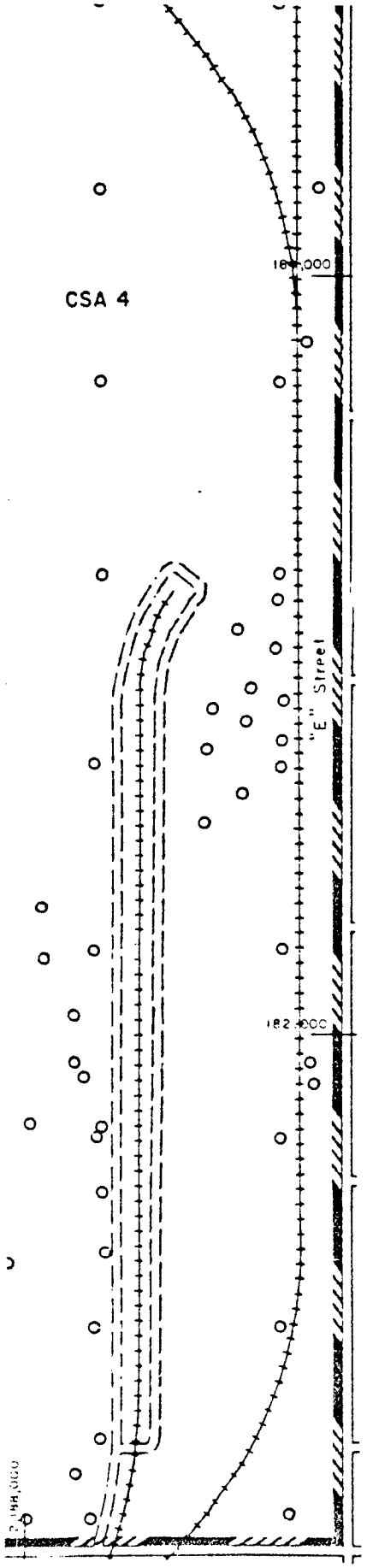
- Improved road
- Unimproved road
- Stream or ditch
- Shore line
- 9 Section number
- 186,000 State plane grid
- Structure
- Railroad tracks
- Former structure
- Central Study Area boundary
- Arsenal boundary
- CSA 1-C Site boundary
- Sanitary sewer
- B Geophysical anomoly
- Chemical sewer

ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

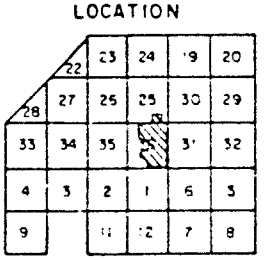
- o Below Certified Reporting Limit (BCRL)
- ● 0.0050 - LO
- ● 1.0 - 10
- ● 10 - 100
- ● >100


NCSA 6-A
NCSA 1-C
184,000
Earthen Dam
Basin A
"D" Street
NCSA 1-A
182,000
Fire House
NCSA 1-F
Parking Lo

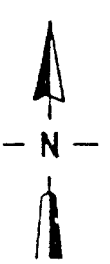

NN3602
Abandoned Sewer Line
B
C
F
E
H
G
36
CSA 4
CSA 1-C
1 A
A 1-A
"E" Street
Approximate Basin A High Water Line
CSA 1-A
NN3603
CSA 2-A
725
NN3604
NN3605
726
Small Berm
CSA 1-B
Contractor
Parking Lot
2,186,000
2,188,000

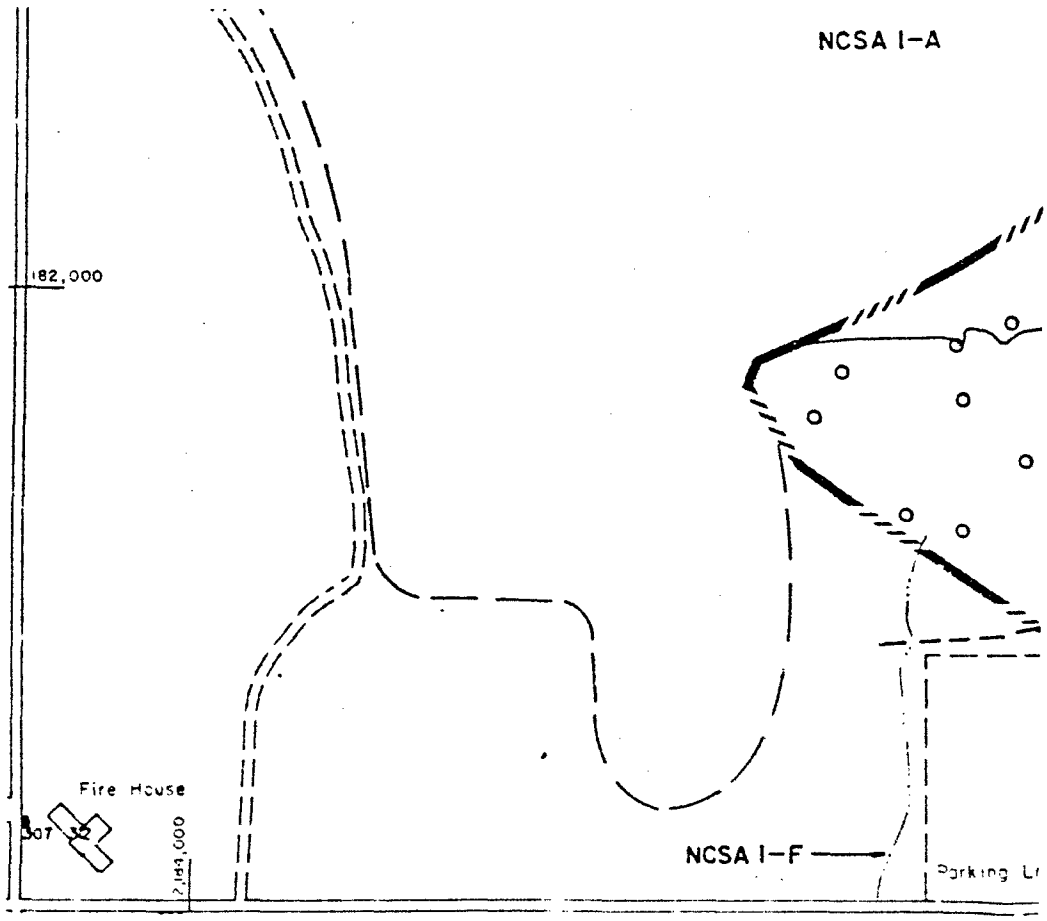


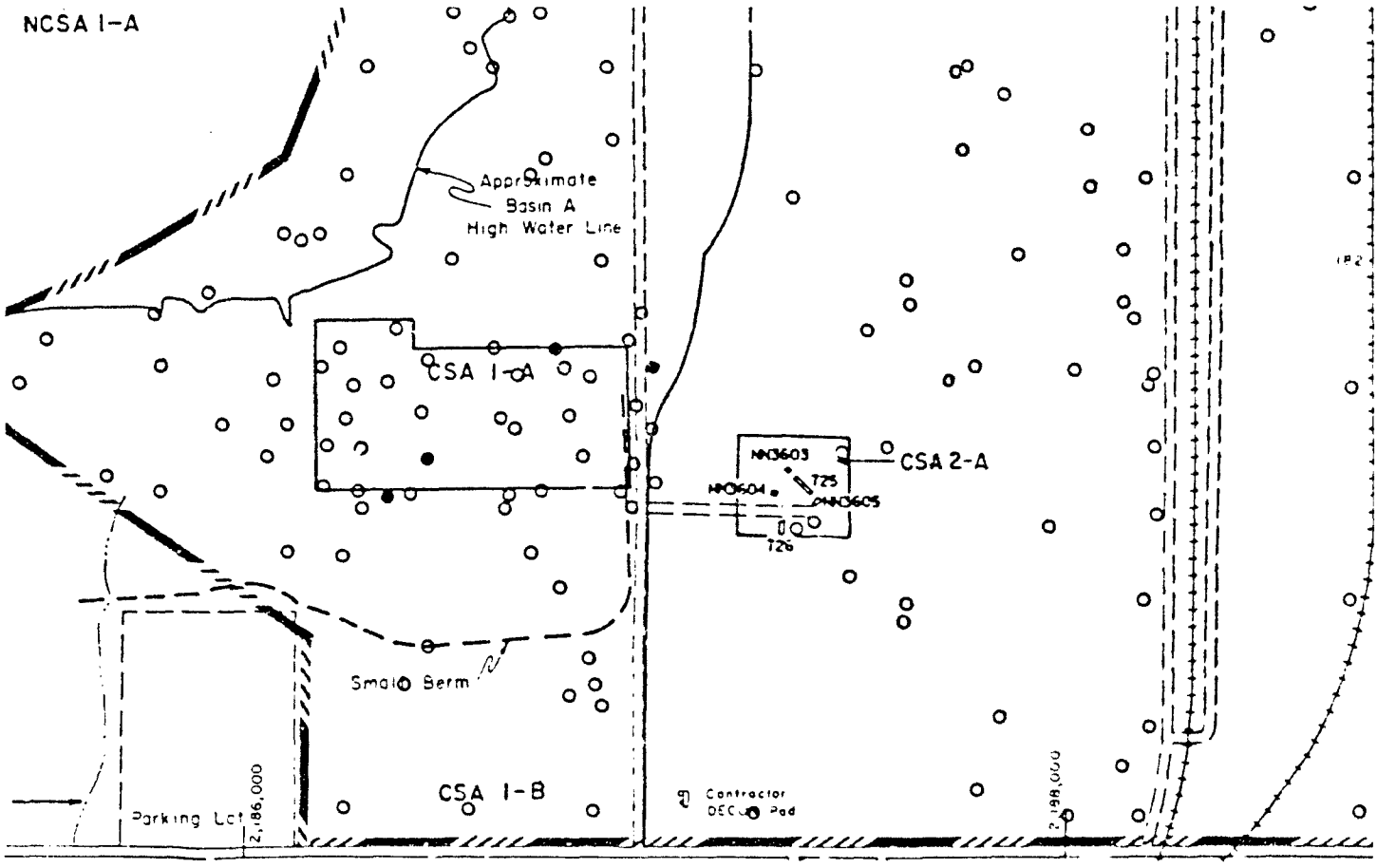
ROCKY MOUNTAIN ARSENAL
LOCATION

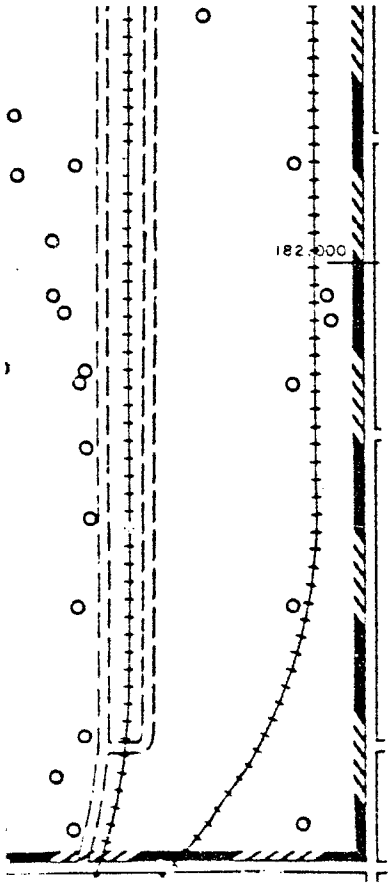


1" = 4 MILES

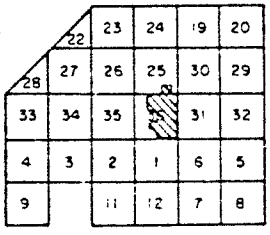



NCSA I-A
182,000
Fire House
307
NCSA I-F
Parking Lr

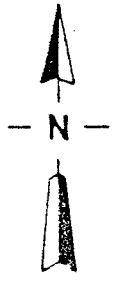

NCSA 1-A
Approximate
Basin A
High Water Line
CSA 1-A
CSA 2-A
NHC603
NHC604
NHC605
T25
T26
Small Berm
CSA 1-B
Parking Lot
Contractor
2,186,000
2,198,000

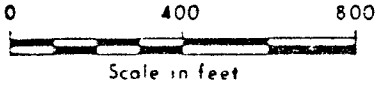


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





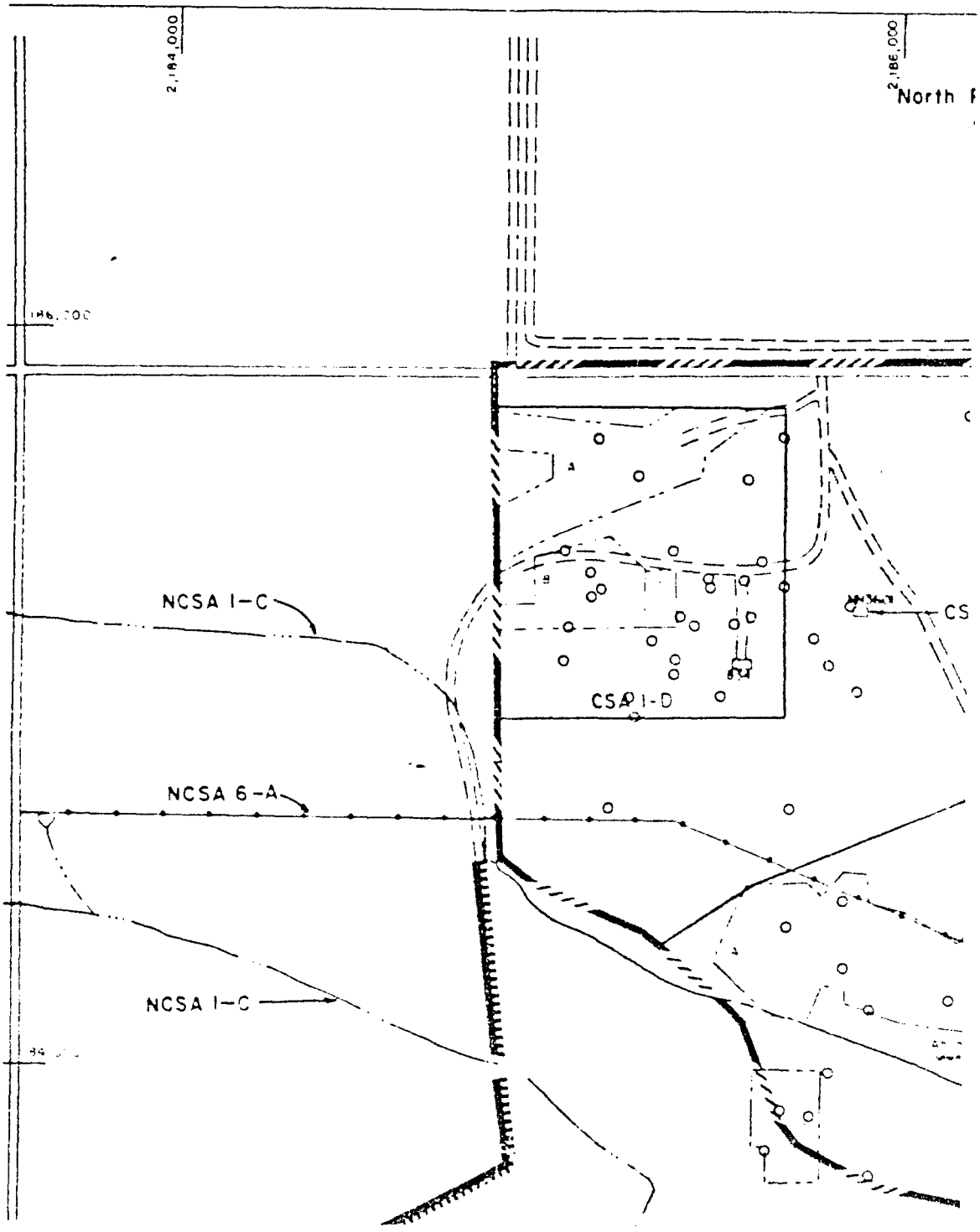
Prepared for:

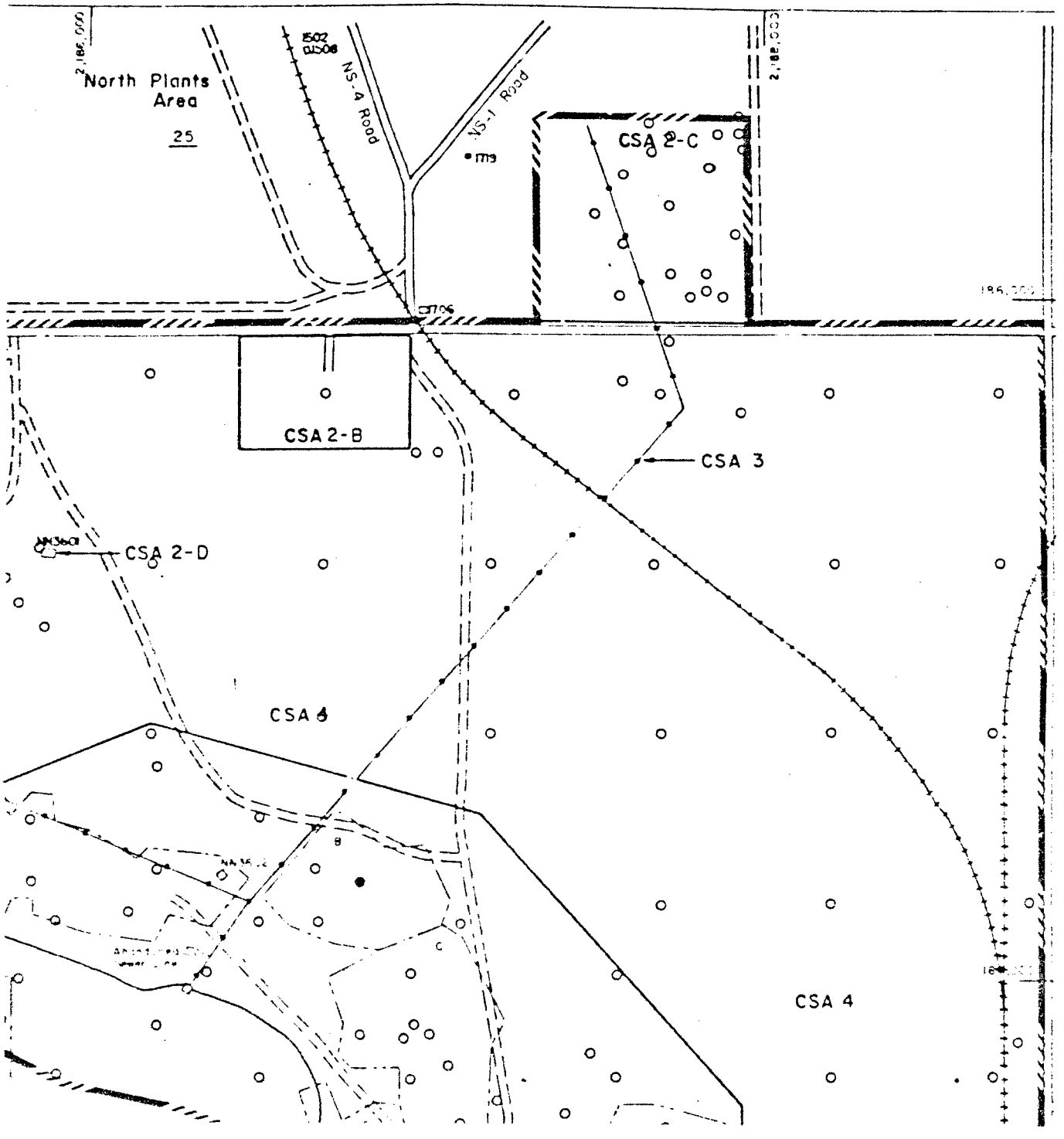
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

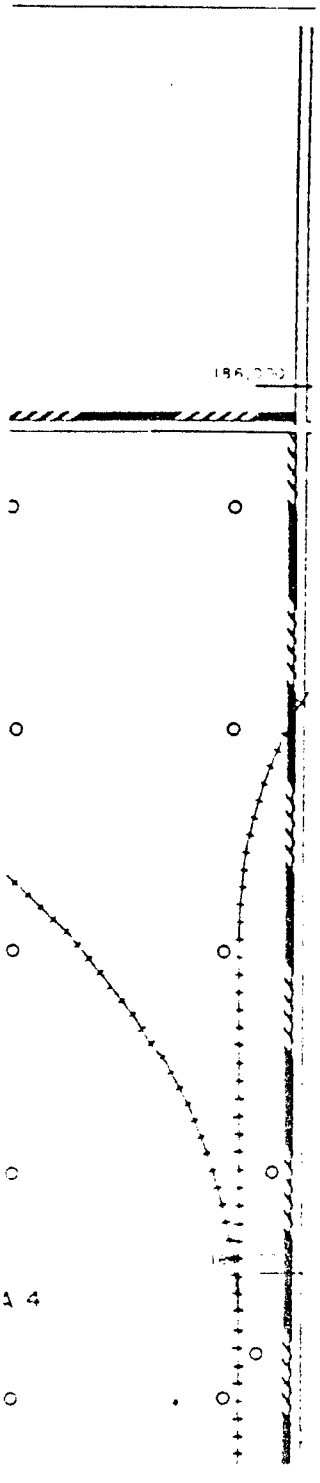
PLATE CSA 2.1-30

Dibromochloropropane
in Soils in the 0-2 ft. Interval

Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated


2,184,000
2,186,000
North
NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C


North Plants
Area
25
NS-4 Road
NS-1 Road
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4

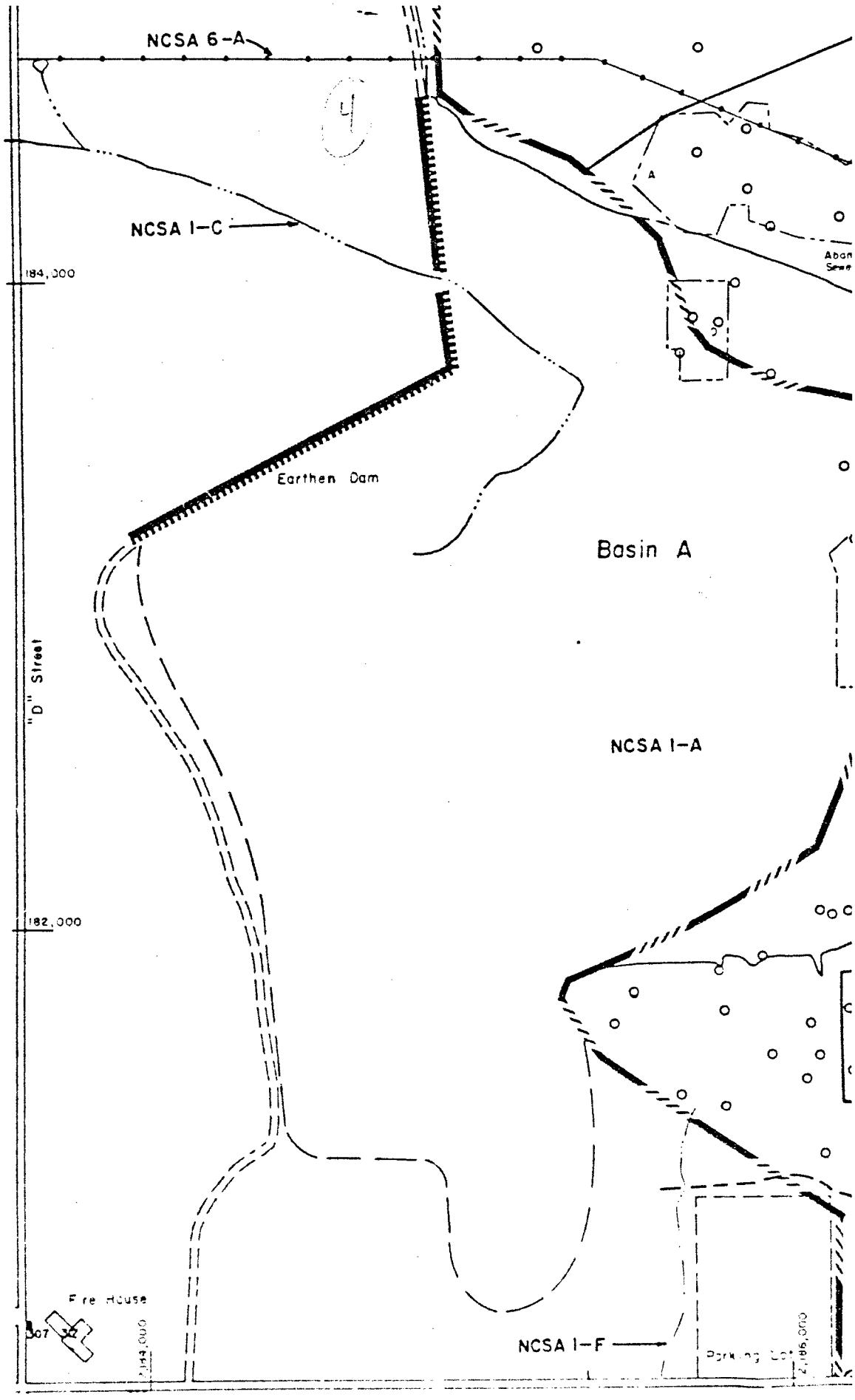


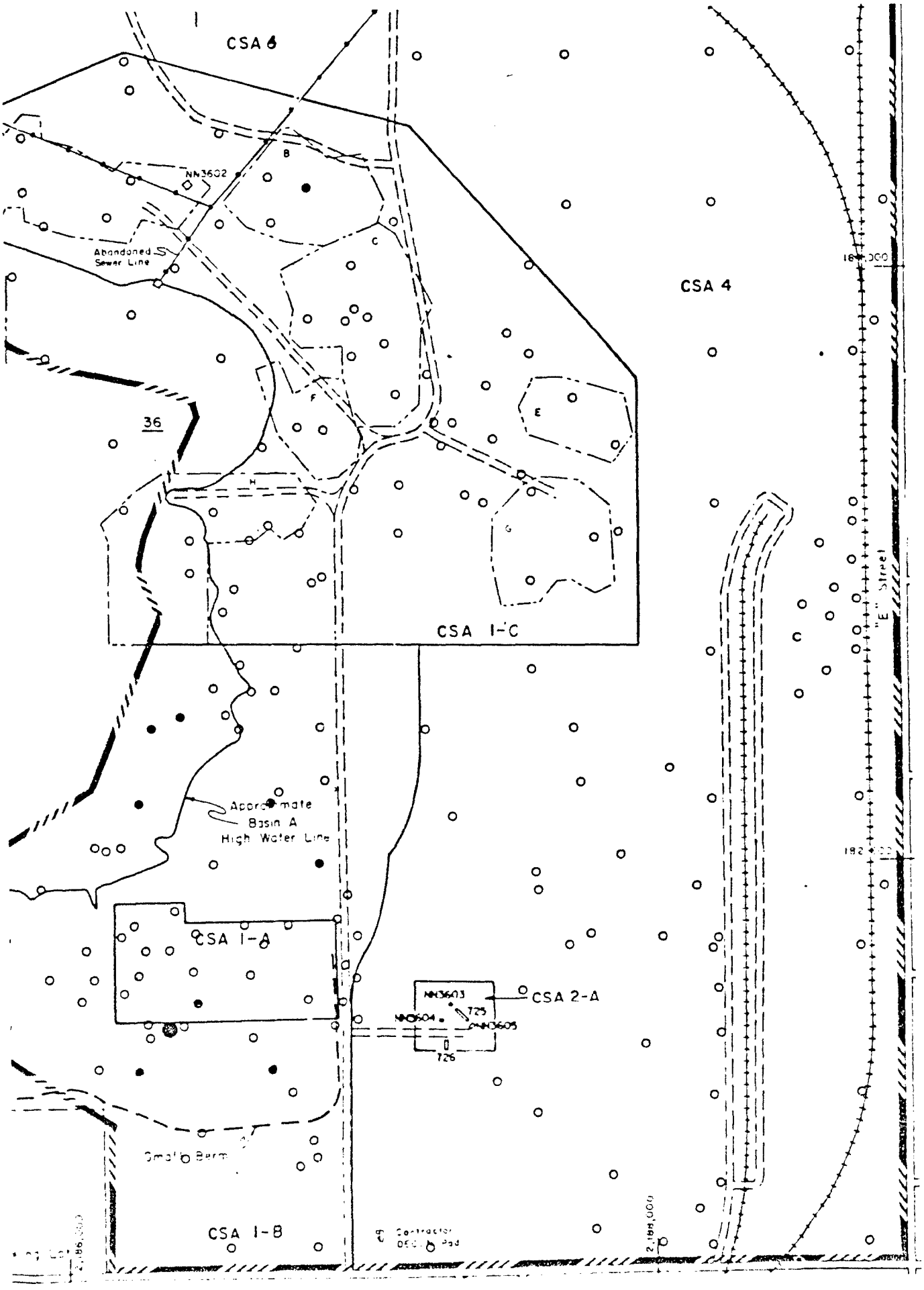
Legend

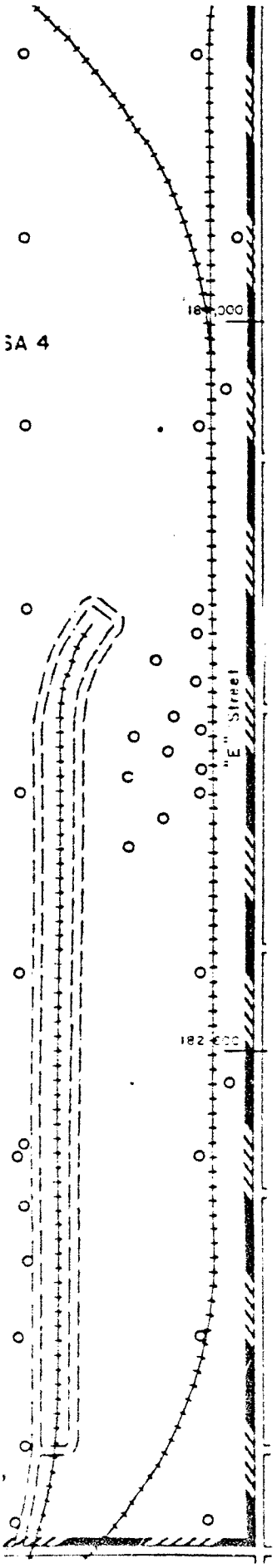
Improved road	Unimproved road
Stream or ditch	Shore line
	9 Section number
186,000 State plane grid	Structure
Railroad tracks	Former structure
Central Study Area boundary	Arsenal boundary
CSA 1-C Site boundary	Sanitary sewer
8 Geophysical anomoly	Chemical sewer

ANALYTE SAMPLE LOCATION
AND CONCENTRATION (ug/g)

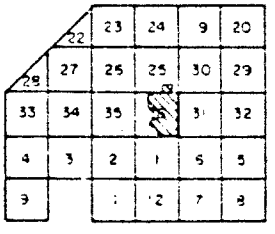
- o Below Certified Reporting Limit (BCRL)
- • 0.0050 - 1.0
- ● 1.0 - 10
- ● 10 - 100
- ● >100


NCSA 6-A
NCSA 1-C
184,300
Earthen Dam
Basin A
"D" Street
NCSA 1-A
182,000
Fire House
NCSA 1-F
2,186,000


CSA 6
CSA 4
CSA 1-C
CSA 1-A
CSA 1-B
CSA 2-A
NM3602
NM3603
NM3604
NM3605
725
726
B
C
E
F
36
Abandoned Sewer Line
Approximate Basin A High Water Line
Small Berm
"E" Street

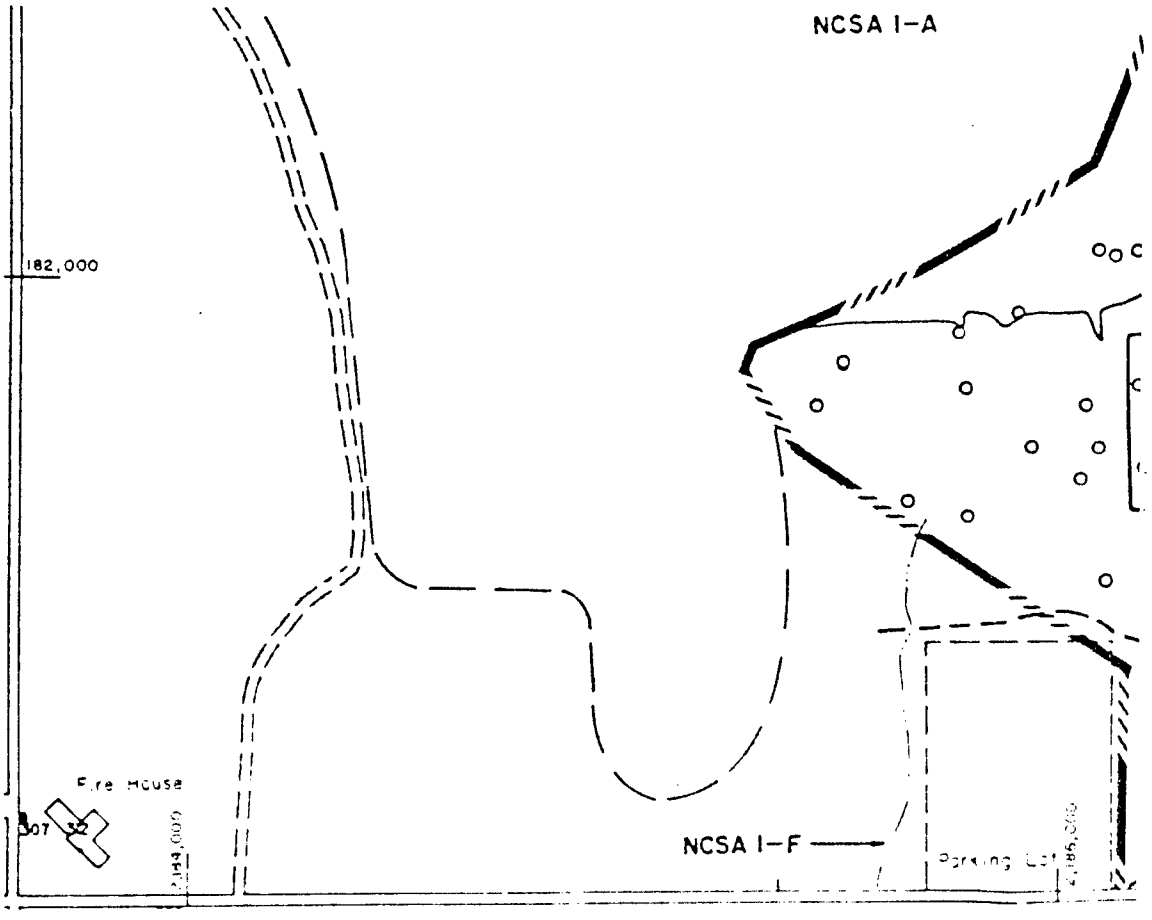


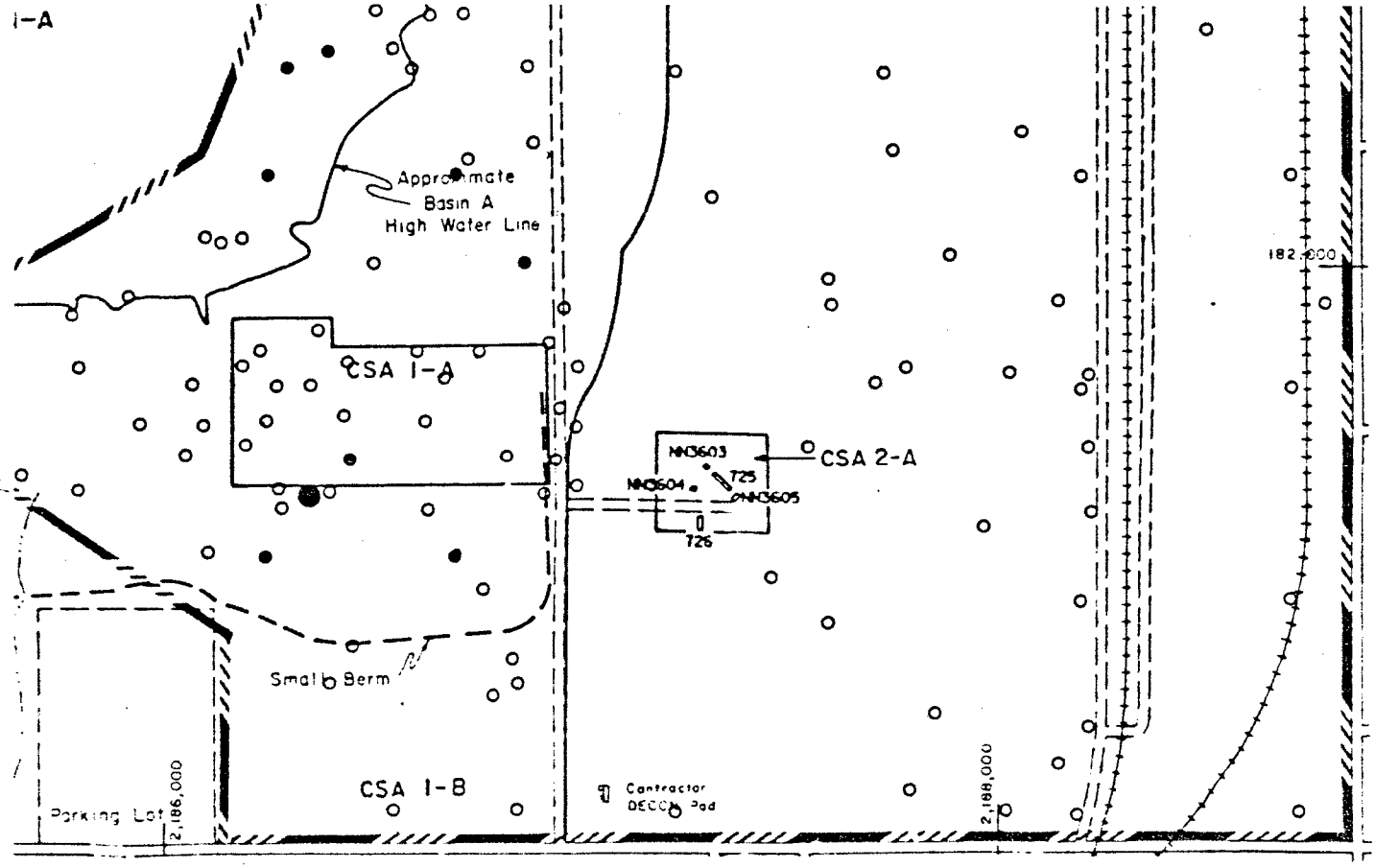
ROCKY MOUNTAIN ARSENAL
LOCATION

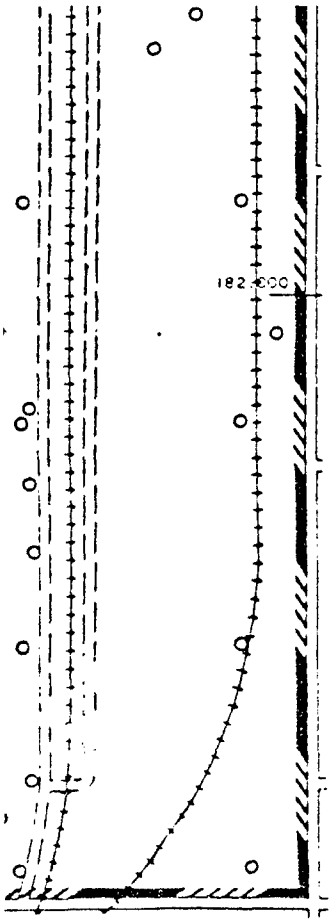


1" = 4 MILES

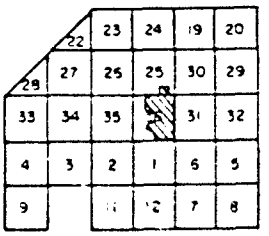



NCSA I-A
182,000
Fire House
NCSA I-F

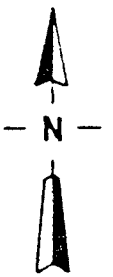

I-A
Approximate
Basin A
High Water Line
CSA 1-A
CSA 2-A
NM3603
NM3604
NM3605
725
726
Small Berm
CSA 1-B
Parking Lot
Contractor
DECON Pad
2,186,000
2,188,000
182,000

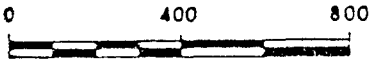


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





Scale in feet

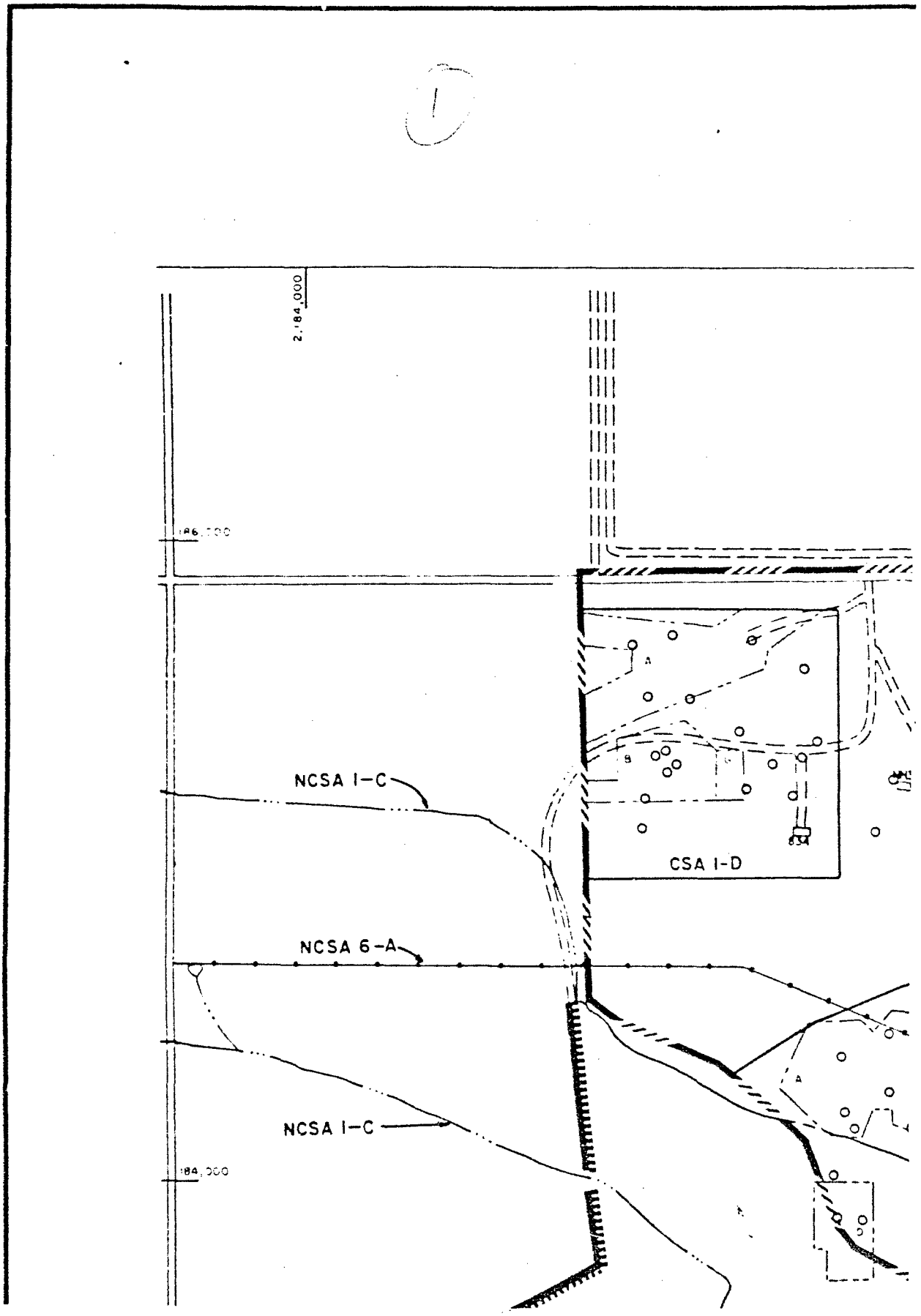
Prepared for:

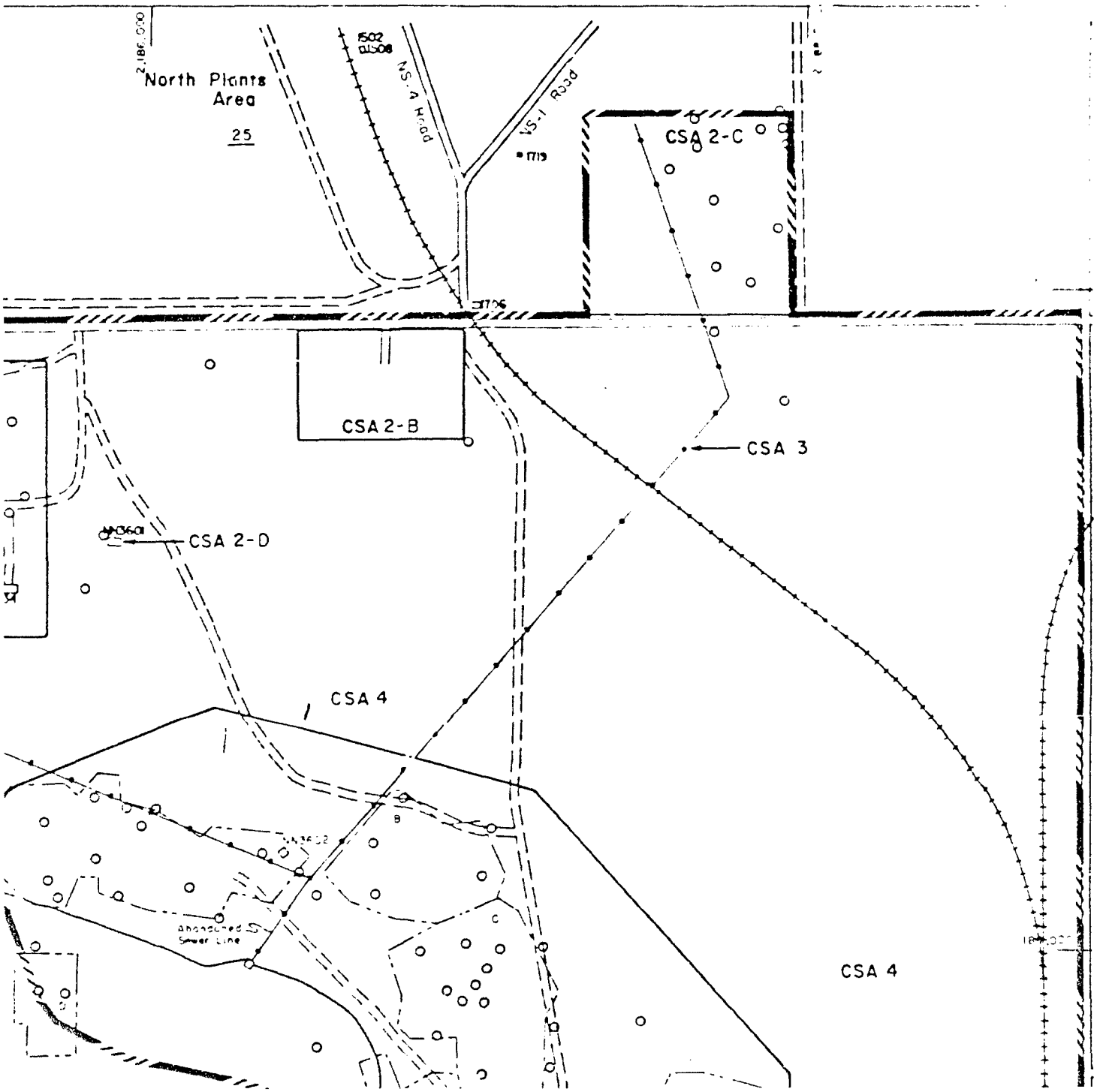
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

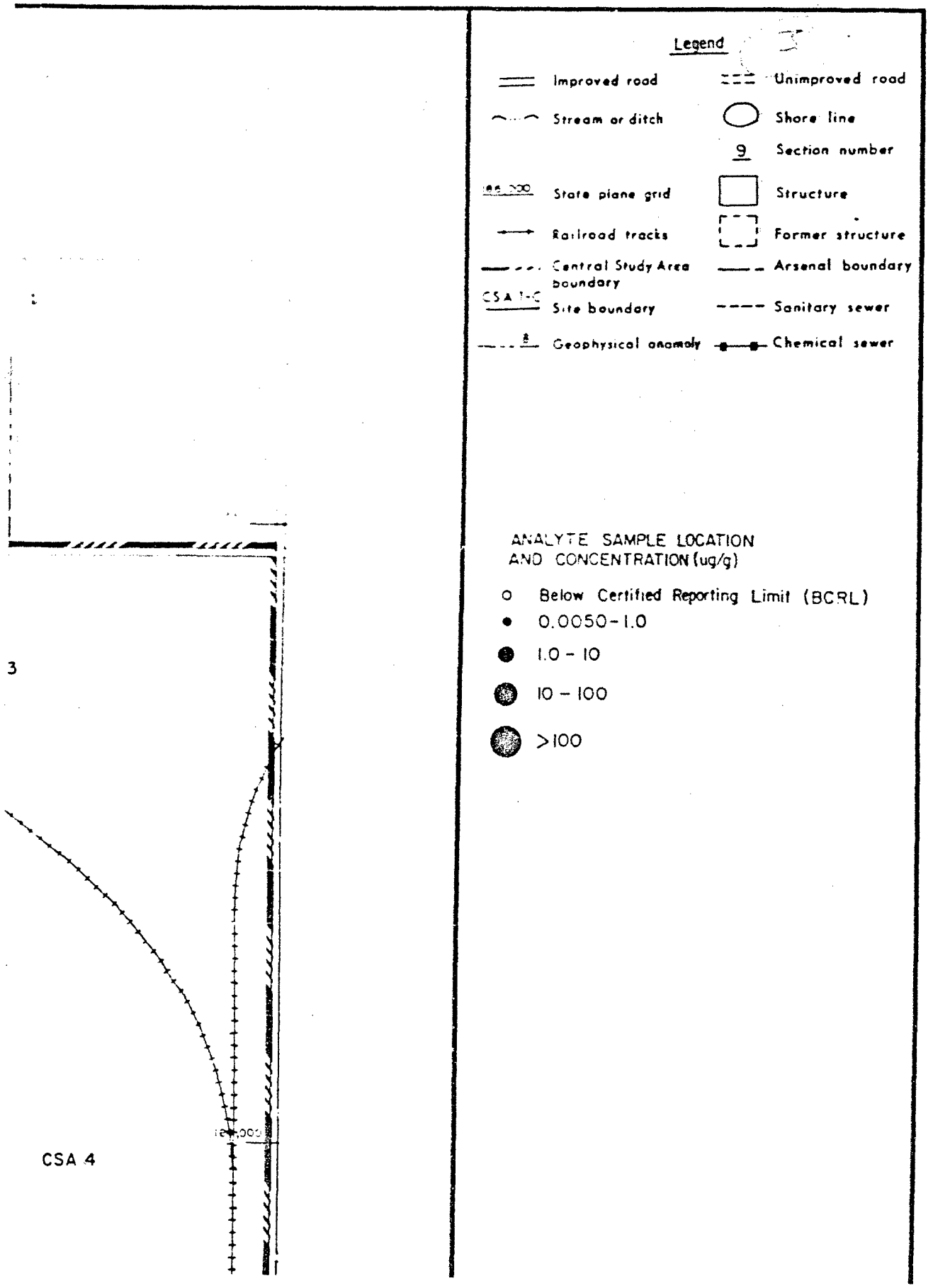
PLATE CSA 2.1-31

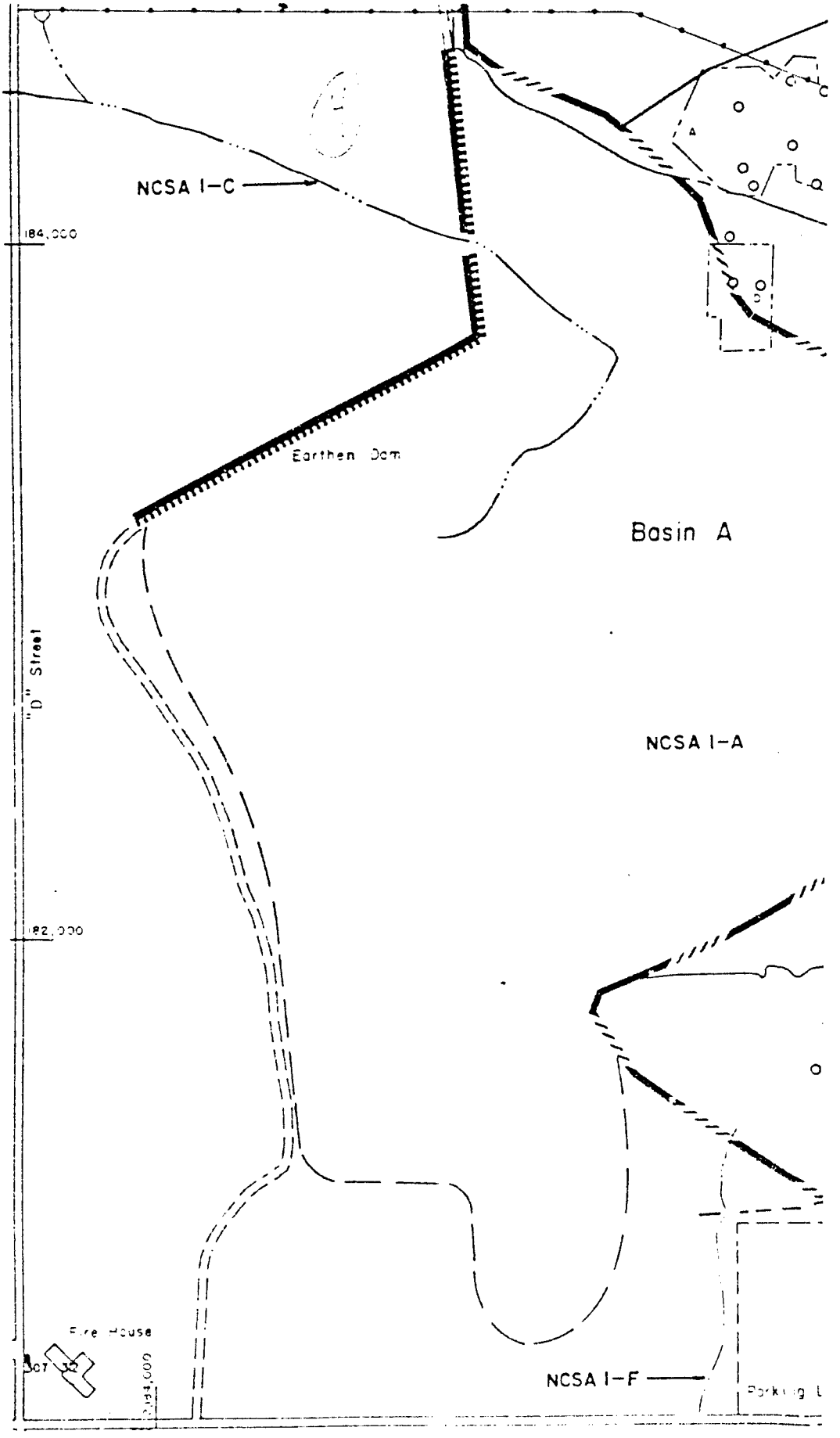
Dibromochloropropane
in Soils in the 2 - 5 ft. Interval

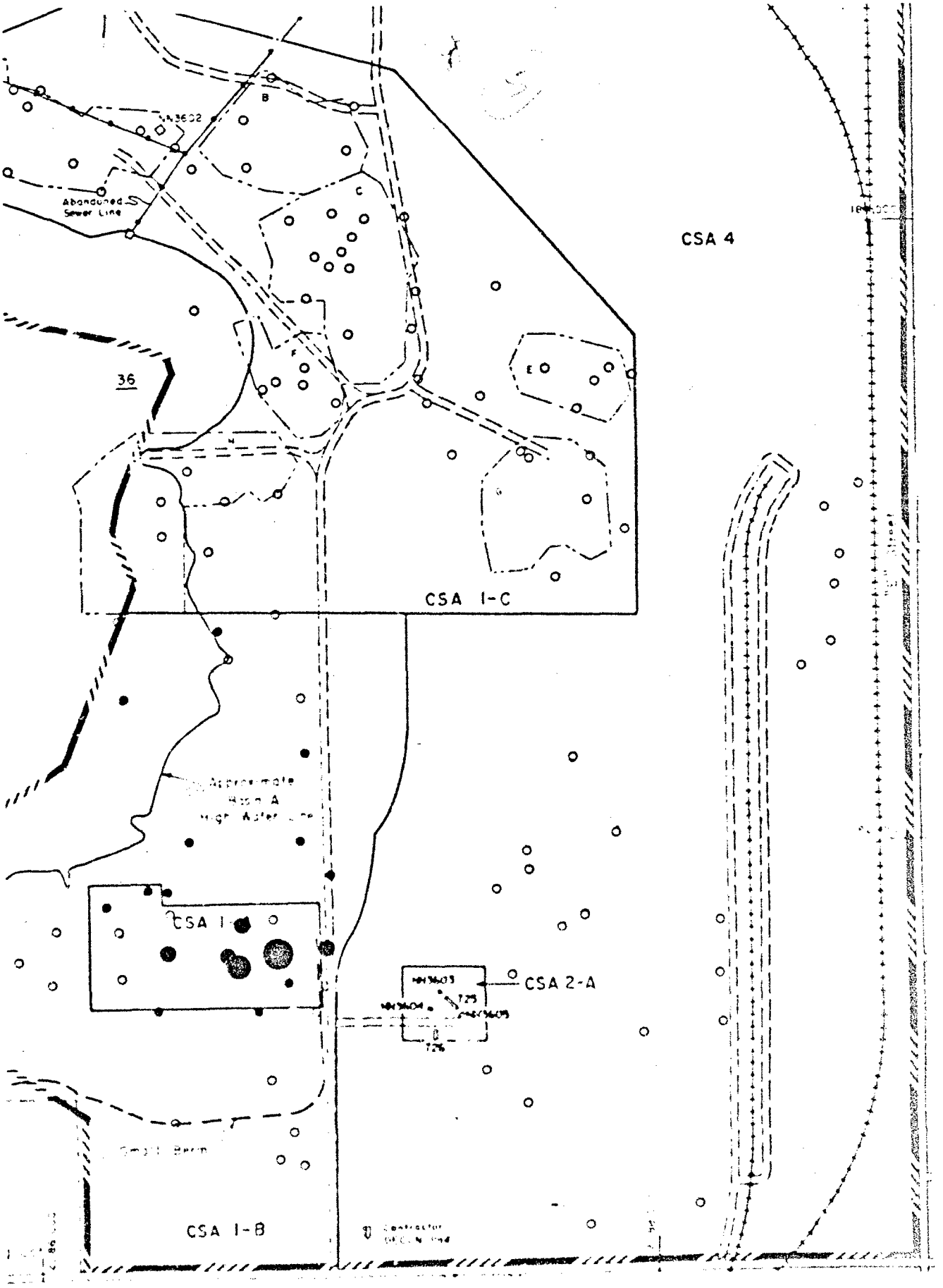
Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated

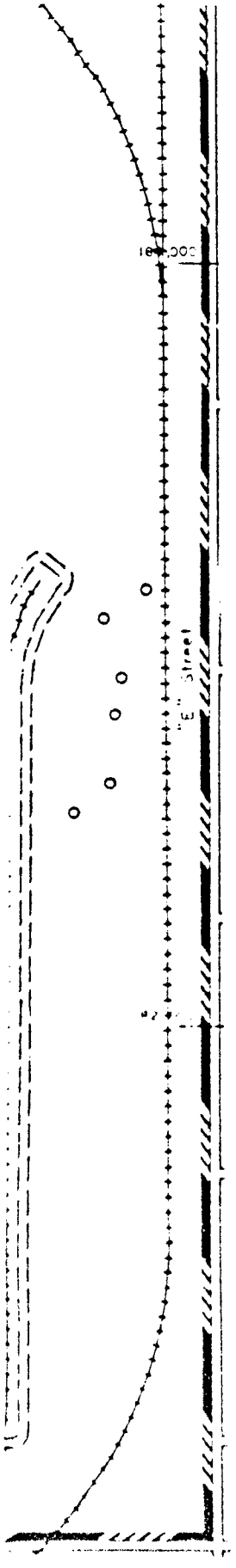

2,184,000
186,000
184,000
NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C


North Plants Area
25
NS-4 Road
NS-1 Road
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4
Abandoned Sewer Line

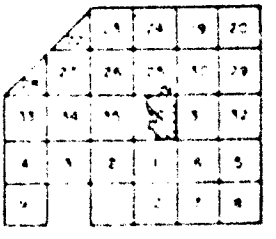

Legend
Improved road
Unimproved road
Stream or ditch
Shore line
9 Section number
State plane grid
Structure
Railroad tracks
Former structure
Central Study Area boundary
Arsenal boundary
CSA 1-C Site boundary
Sanitary sewer
Geophysical anomaly
Chemical sewer
ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)
Below Certified Reporting Limit (BCRL)
0.0050 - 1.0
1.0 - 10
10 - 100
>100
3
CSA 4


NCSA I-C
184,000
Earthen Dam
Basin A
"D" Street
NCSA I-A
182,000
Fire House
NCSA I-F

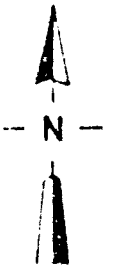

CSA 4
CSA 1-C
CSA 1-B
CSA 1
CSA 2-A
Abandoned Sewer Line
36

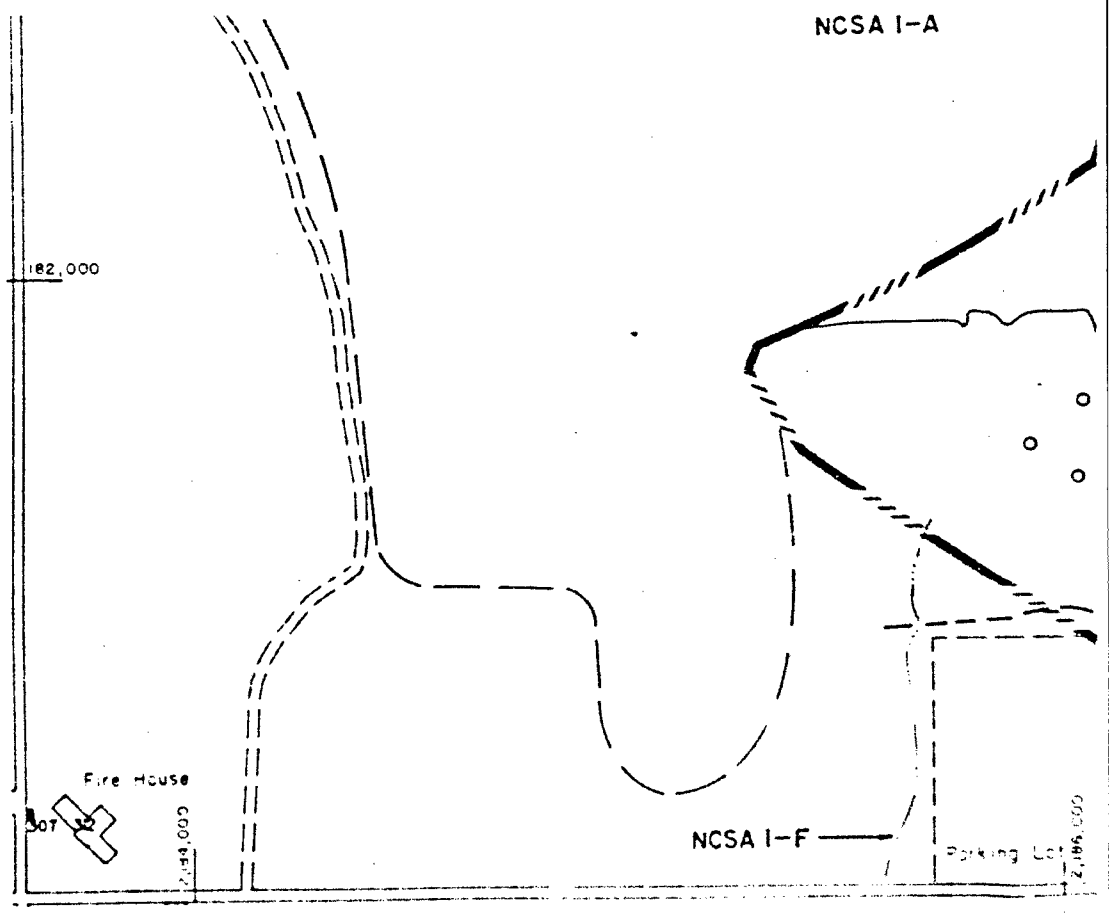


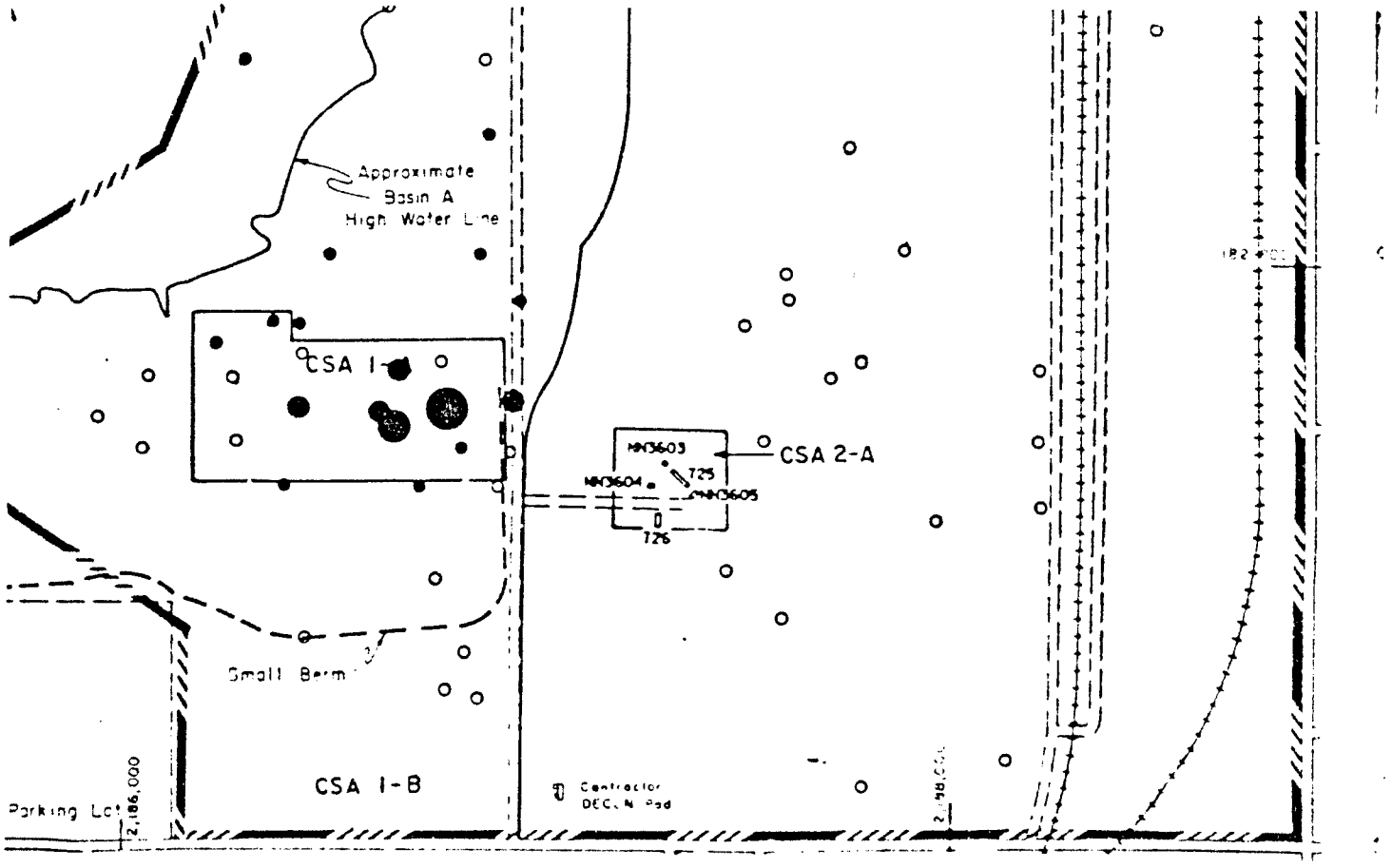
ROCKY MOUNTAIN ARSENAL
LOCATION

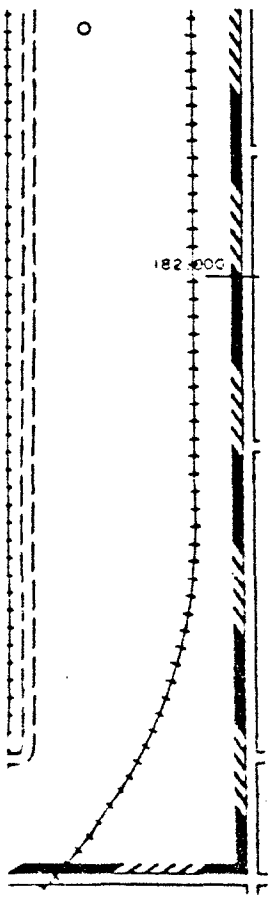


1" = 4 MILES

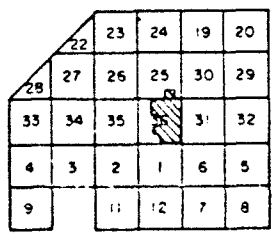



NCSA I-A
182,000
Fire House
307
NCSA I-F
Parking Lot

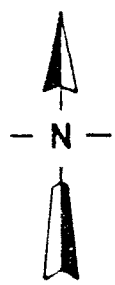

Approximate
Basin A
High Water Line
CSA 1
CSA 2-A
HN3603
HN3604
HN3605
725
726
Small Berm
CSA 1-B
Parking Lot
2,186,000
Contractor
DEC N Pad

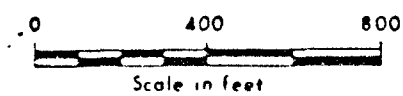


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





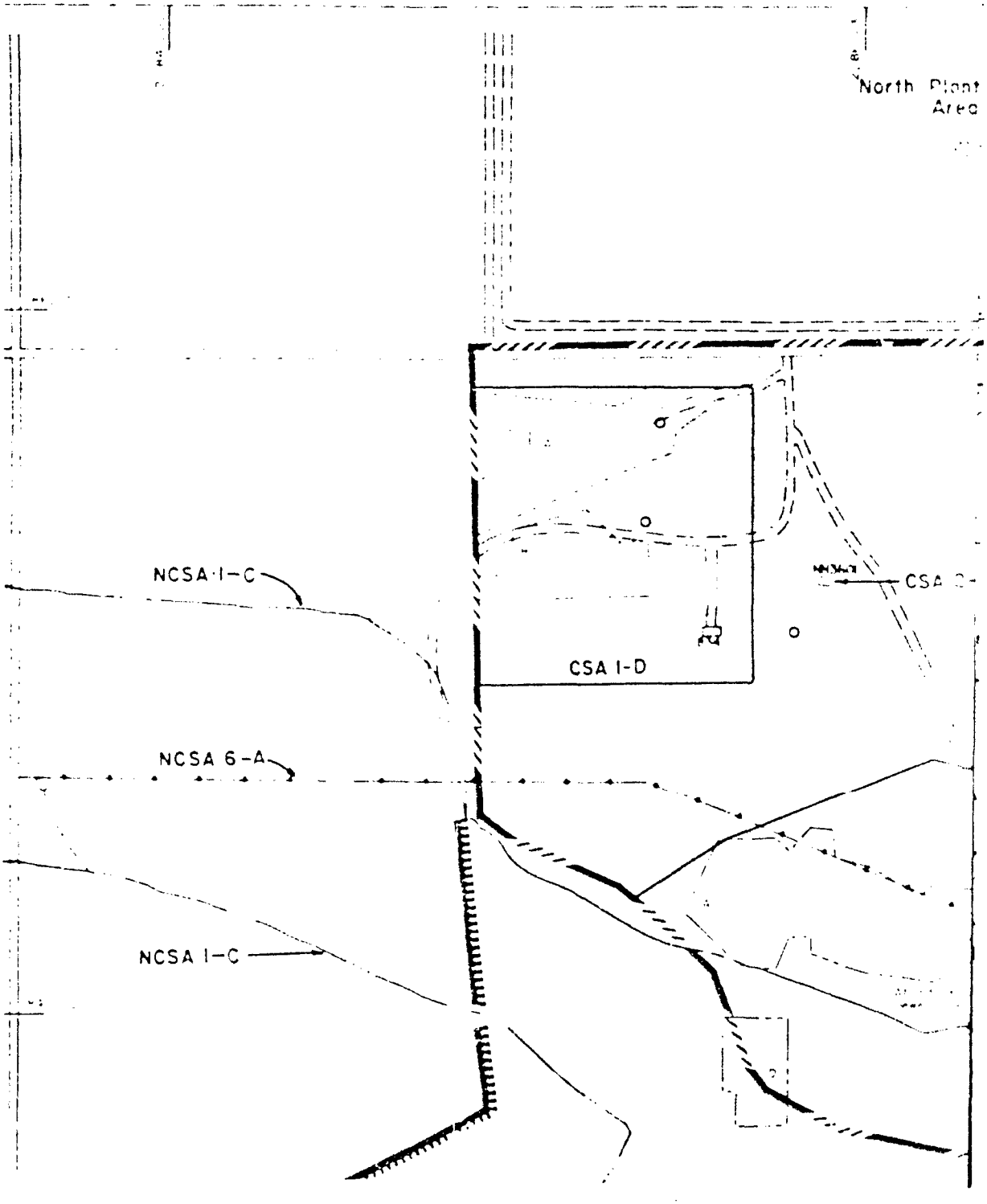
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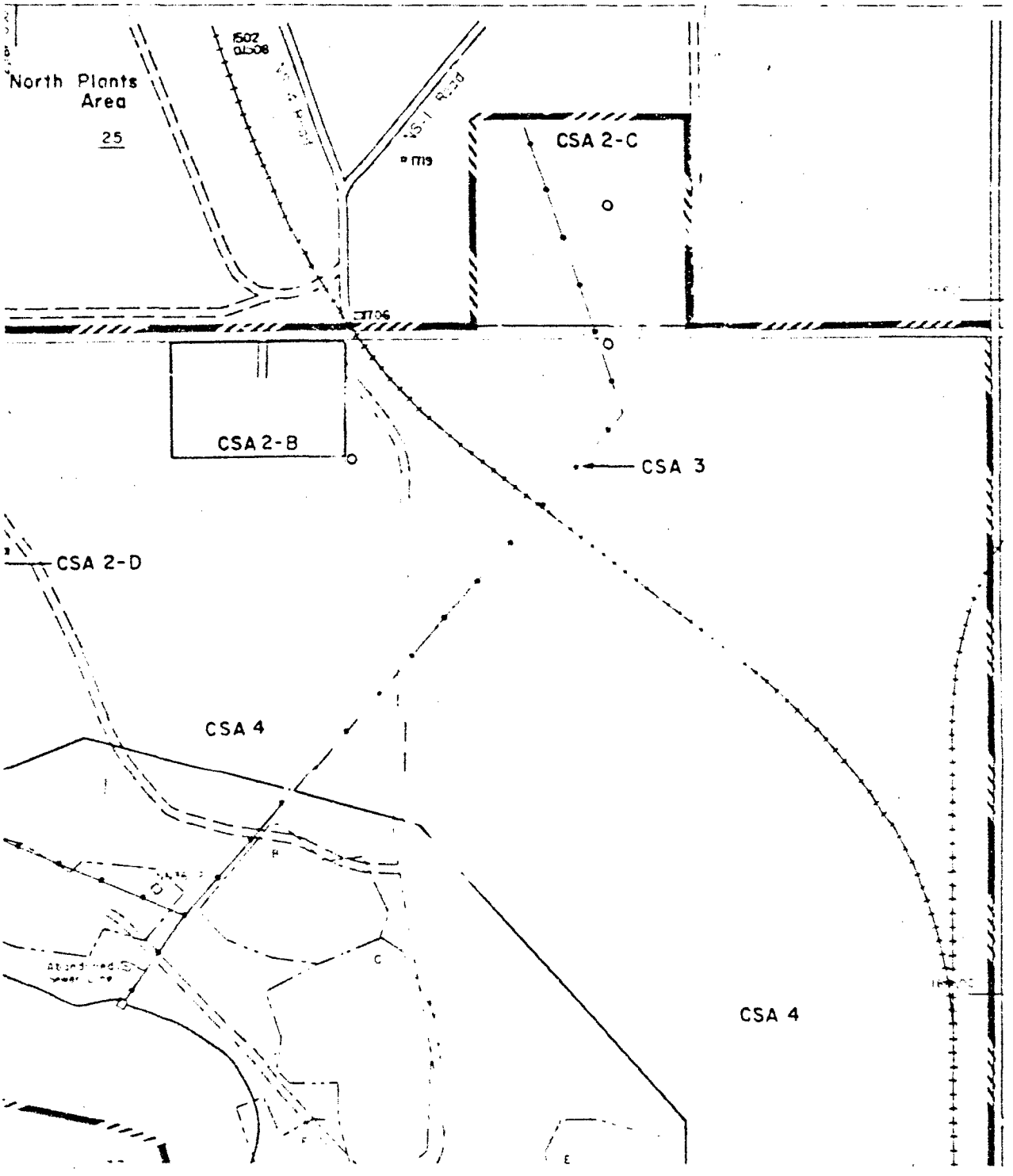
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

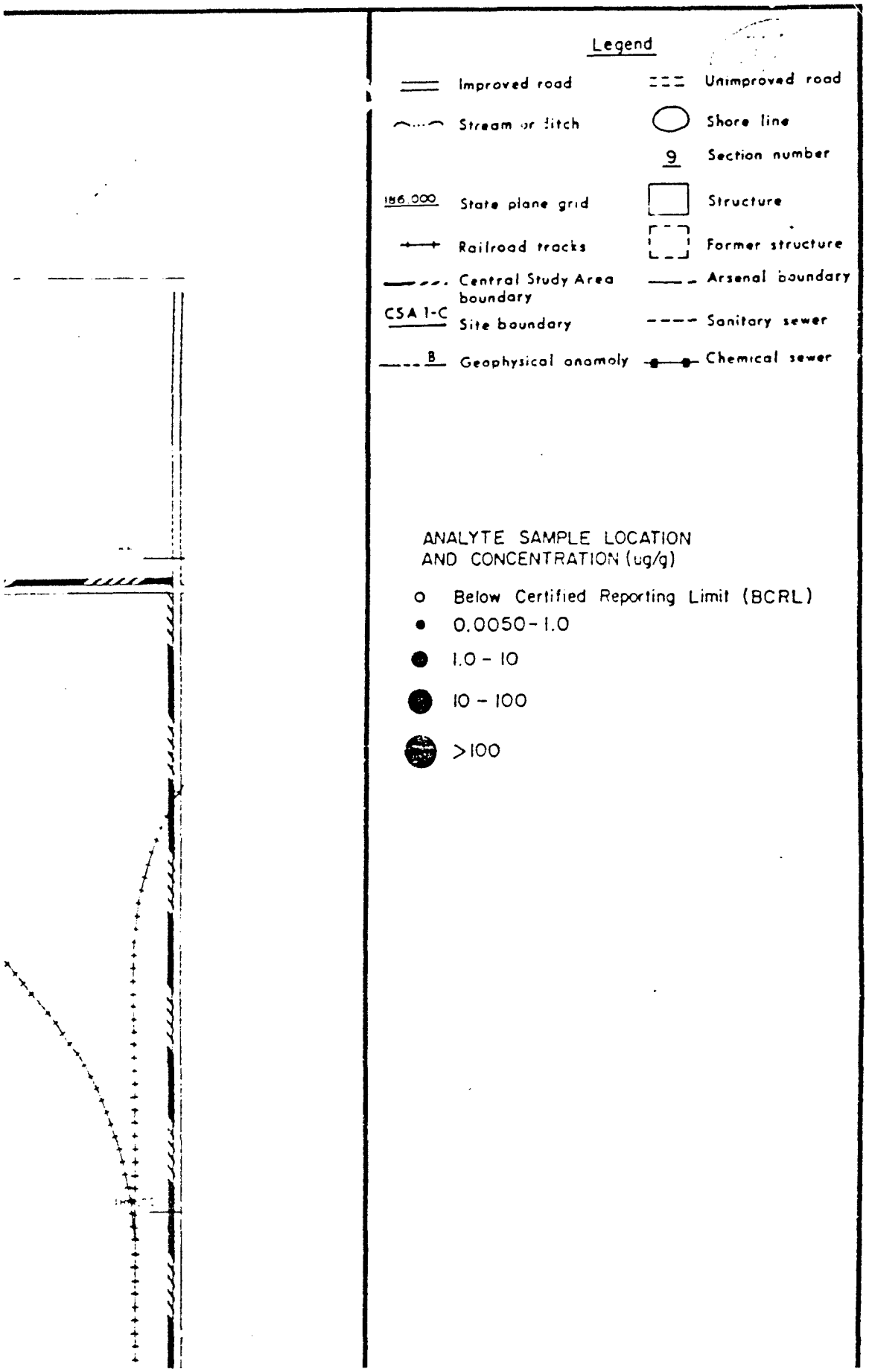
PLATE CSA 2.1-32

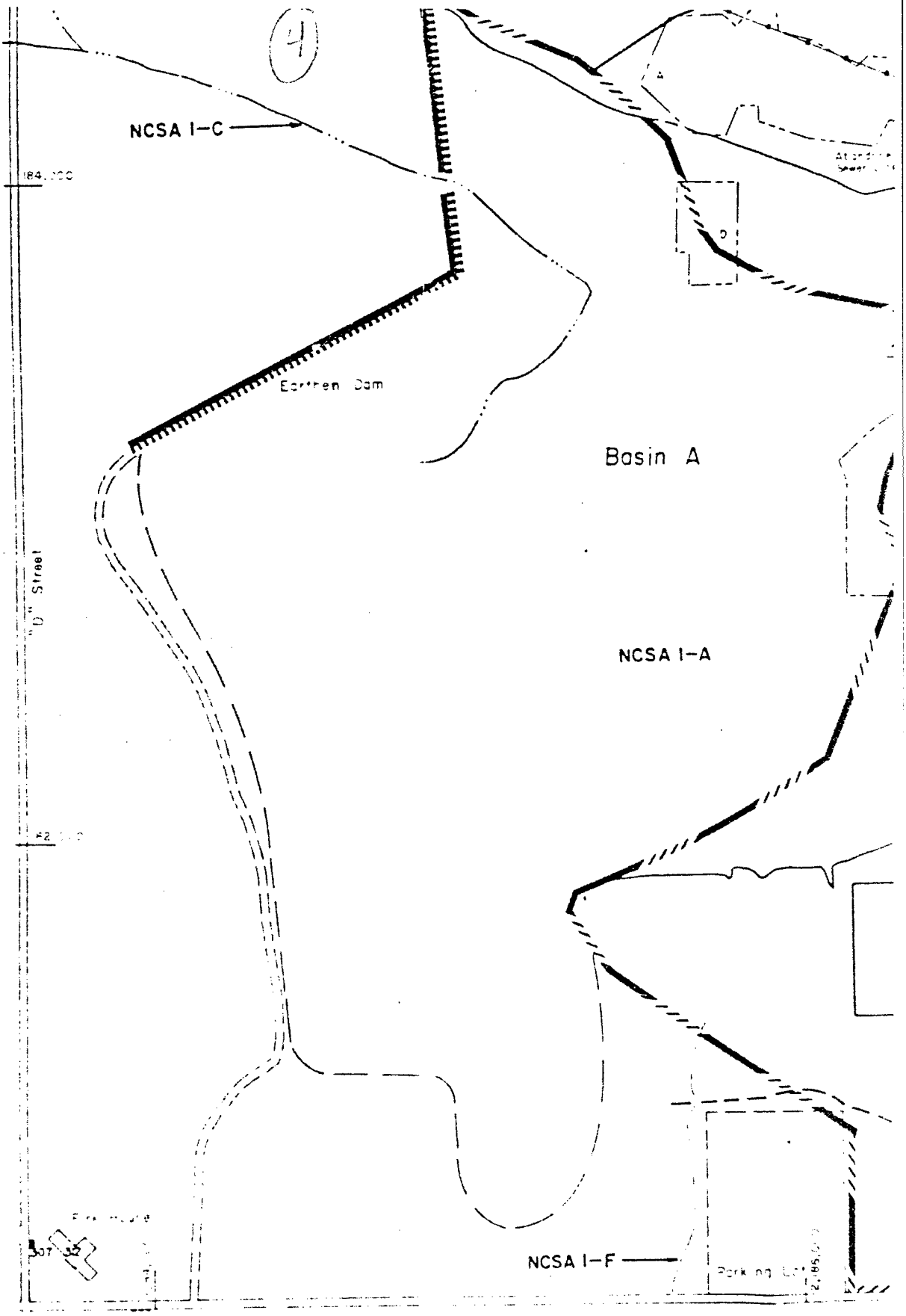
Dibromochloropropane
in Soils in the 5-20 ft. Interval

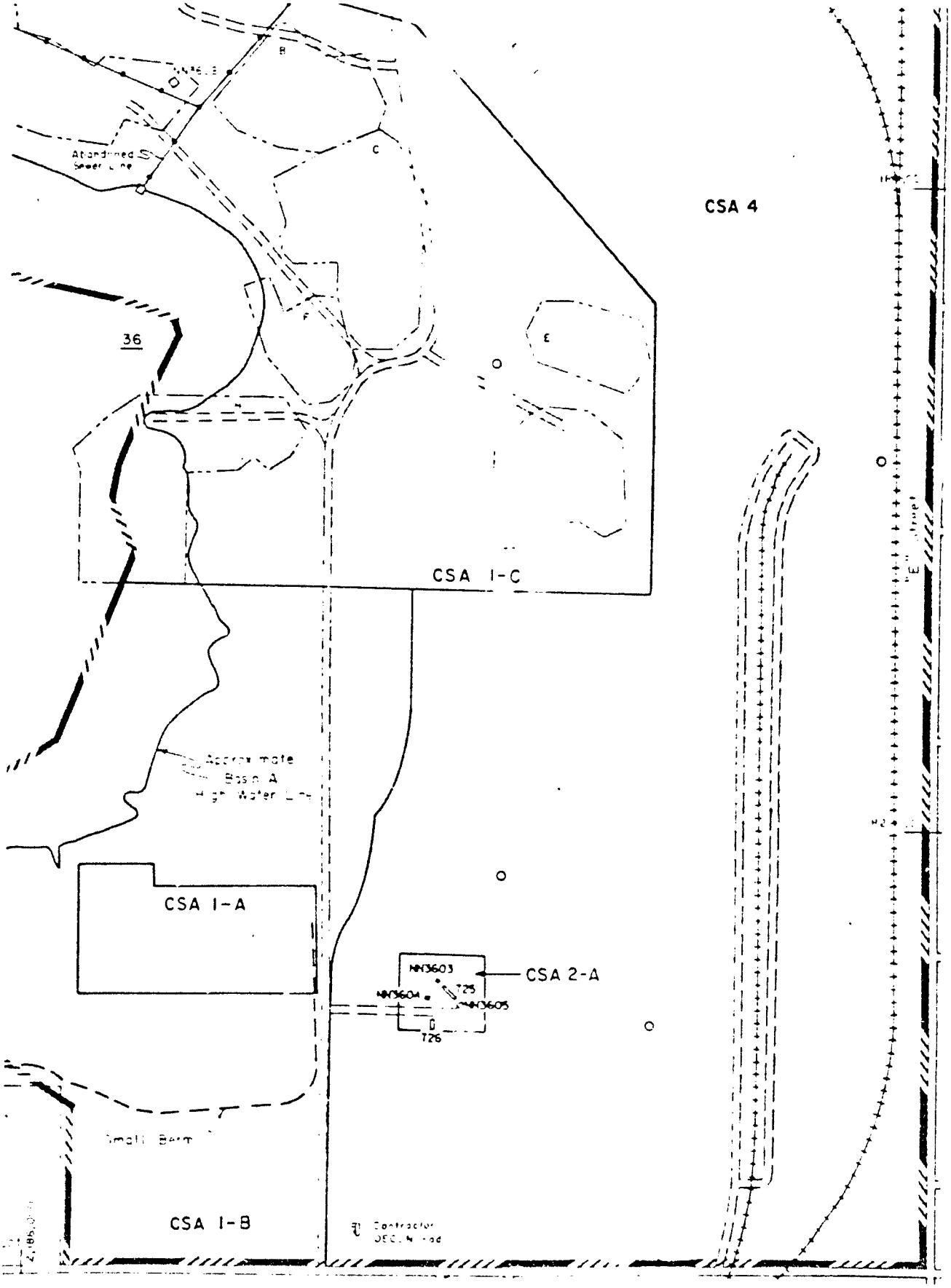
Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated

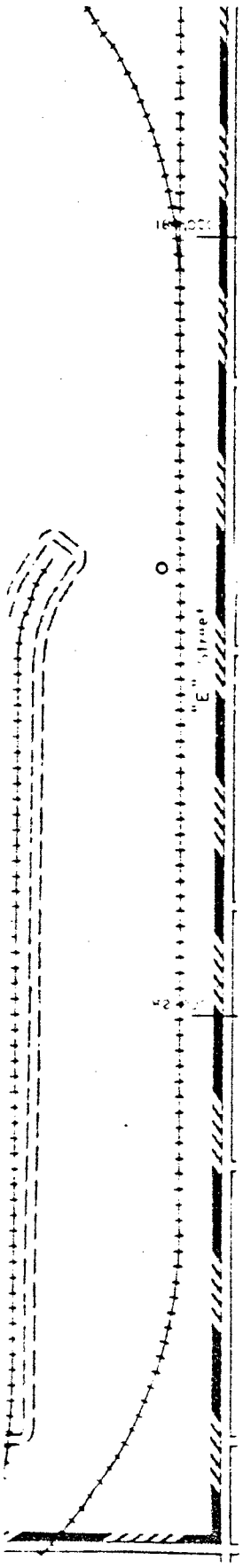

North Plant
Area
NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C


North Plants Area
25
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4

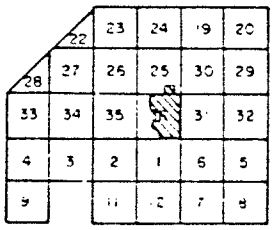

Legend
Improved road
Unimproved road
Stream or ditch
Shore line
9
Section number
186.000
State plane grid
Structure
Railroad tracks
Former structure
Central Study Area boundary
Arsenal boundary
CSA 1-C
Site boundary
Sanitary sewer
B
Geophysical anomoly
Chemical sewer
ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)
Below Certified Reporting Limit (BCRL)
0.0050 - 1.0
1.0 - 10
10 - 100
>100


NCSA I-C
Earthen Dam
Basin A
"D" Street
NCSA I-A
NCSA I-F

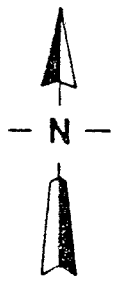

CSA 4
CSA 1-C
CSA 1-A
CSA 1-B
CSA 2-A
MW3603
MW3604
MW3605
725
726
36
Abandoned Sewer Line
Small Berm

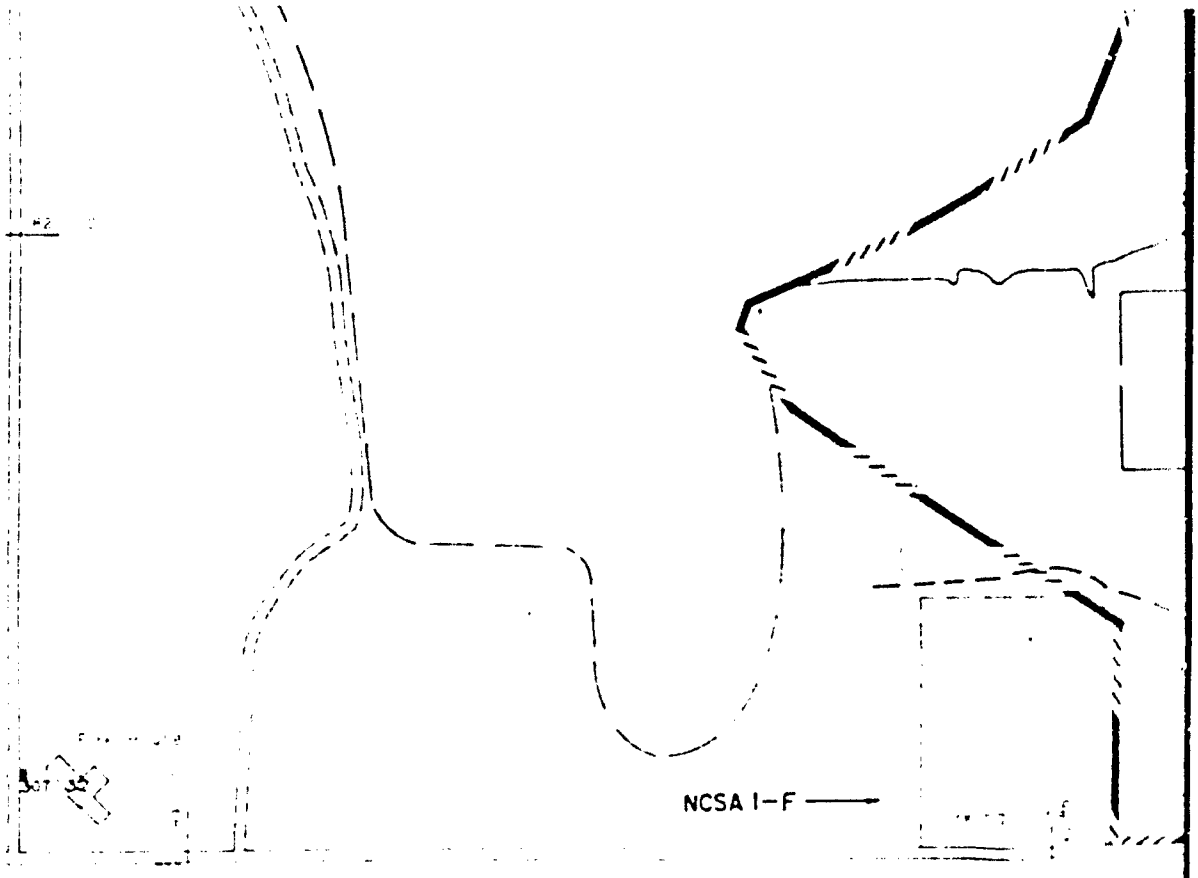


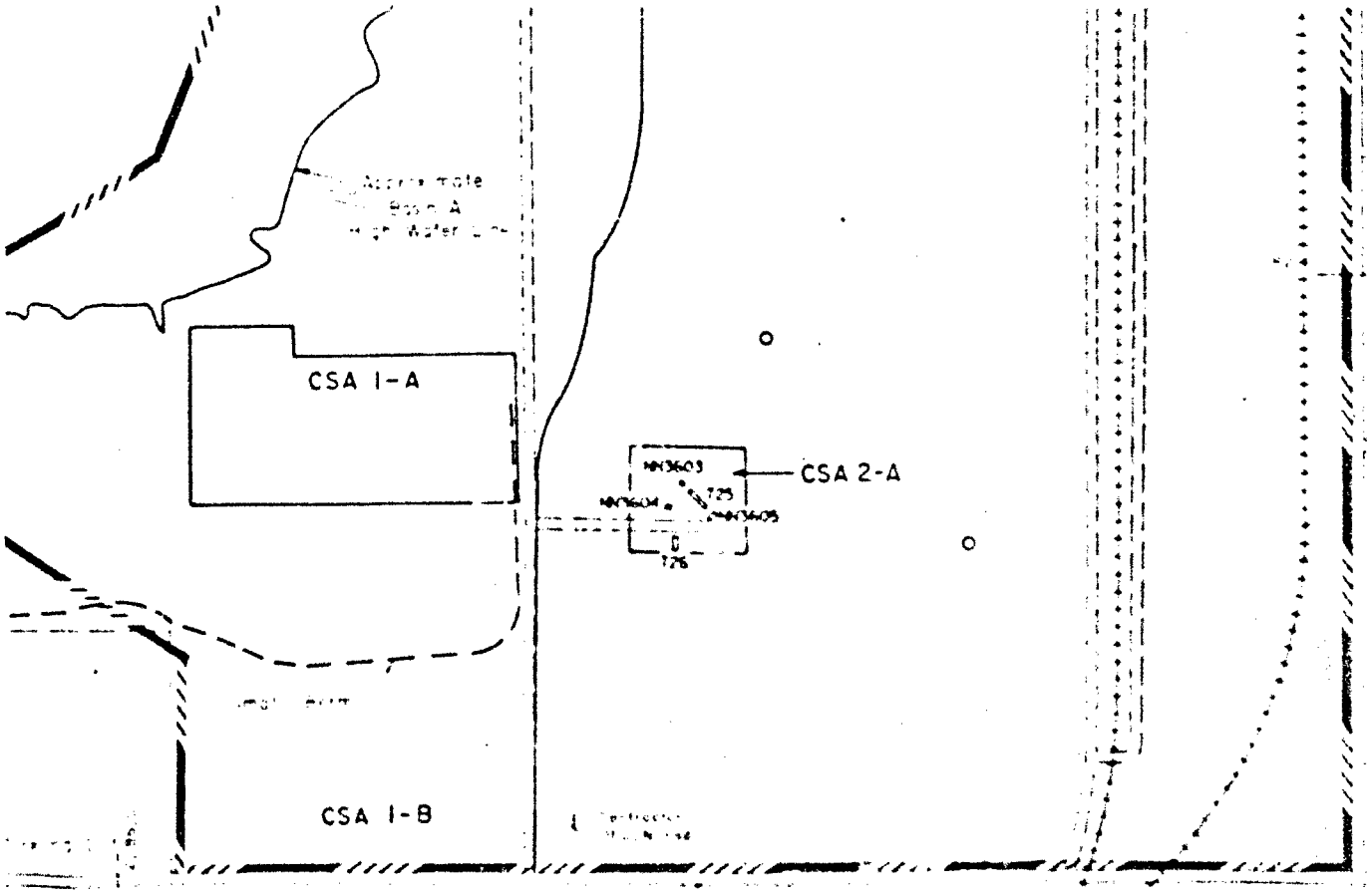
ROCKY MOUNTAIN ARSENAL
LOCATION

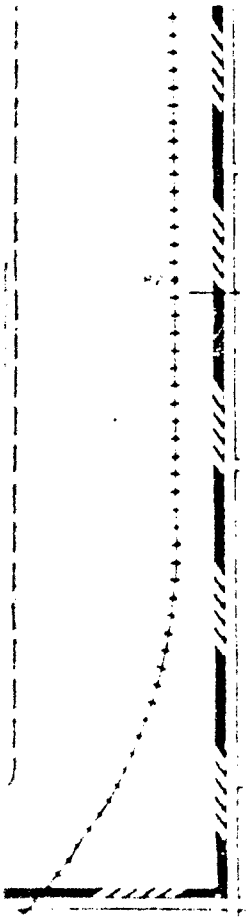


1" = 4 MILES




NCSA I-F

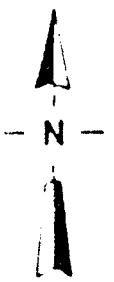

CSA 1-A
CSA 2-A
CSA 1-B

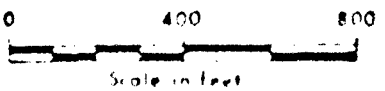


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





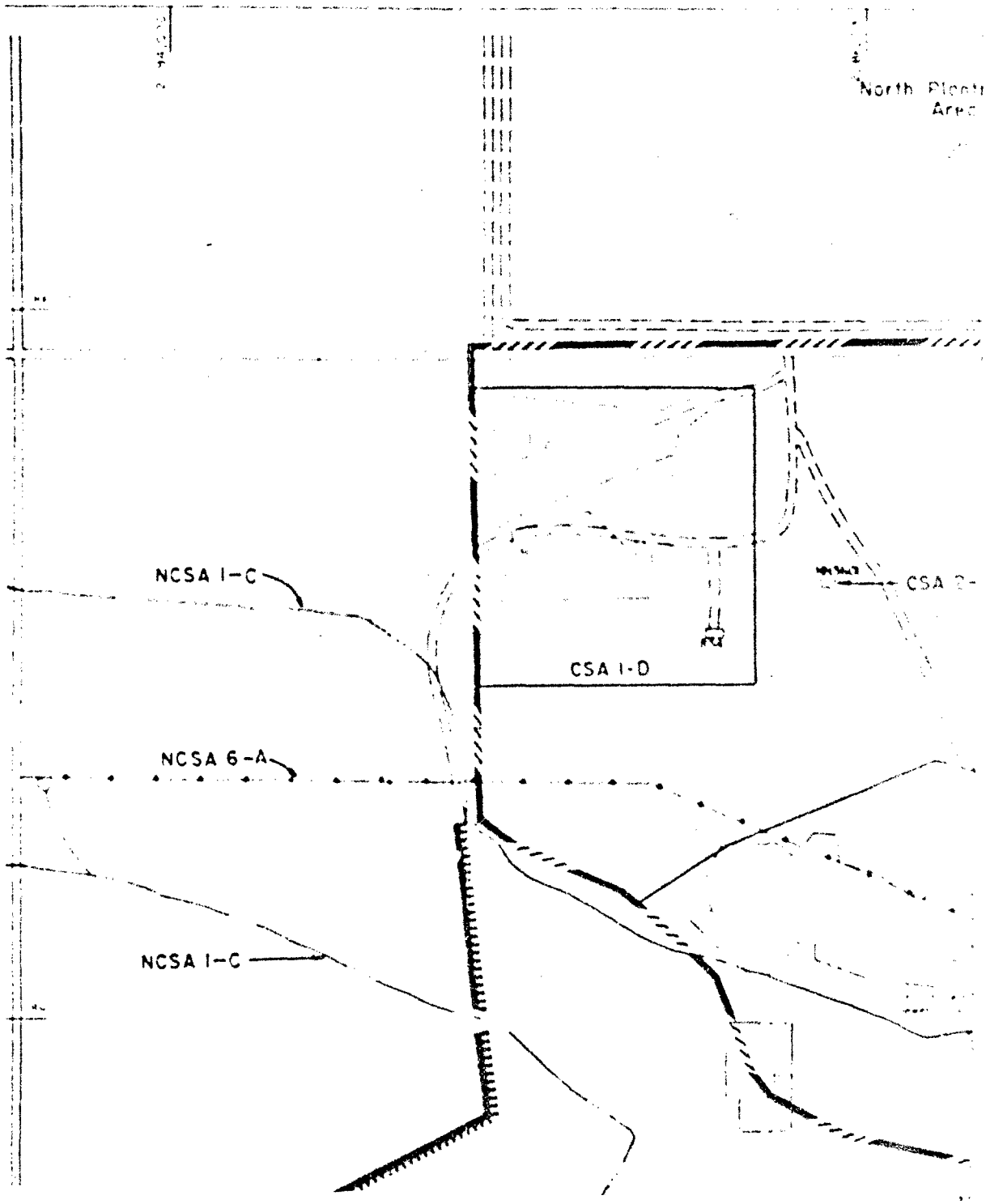
Prepared for:

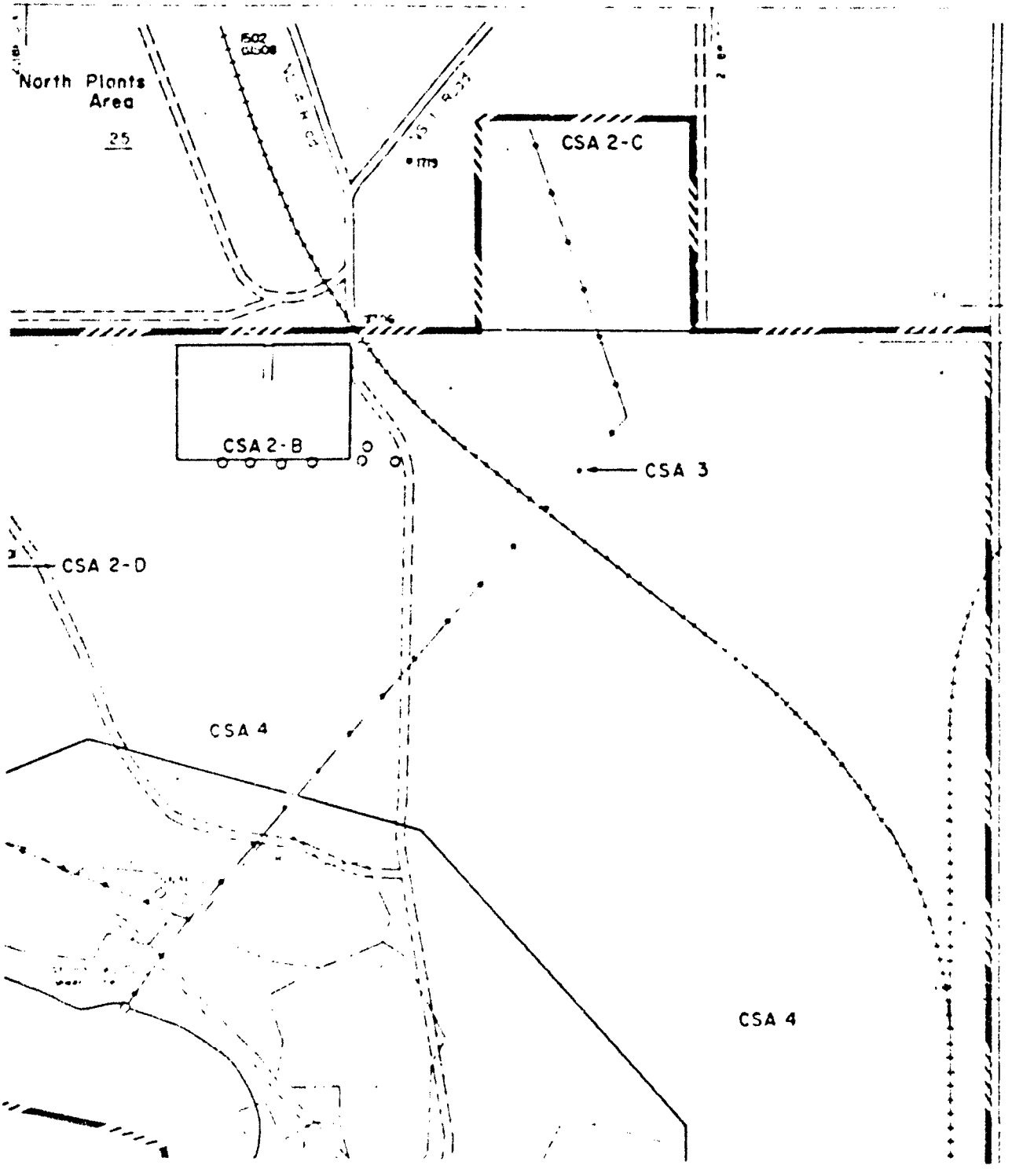
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

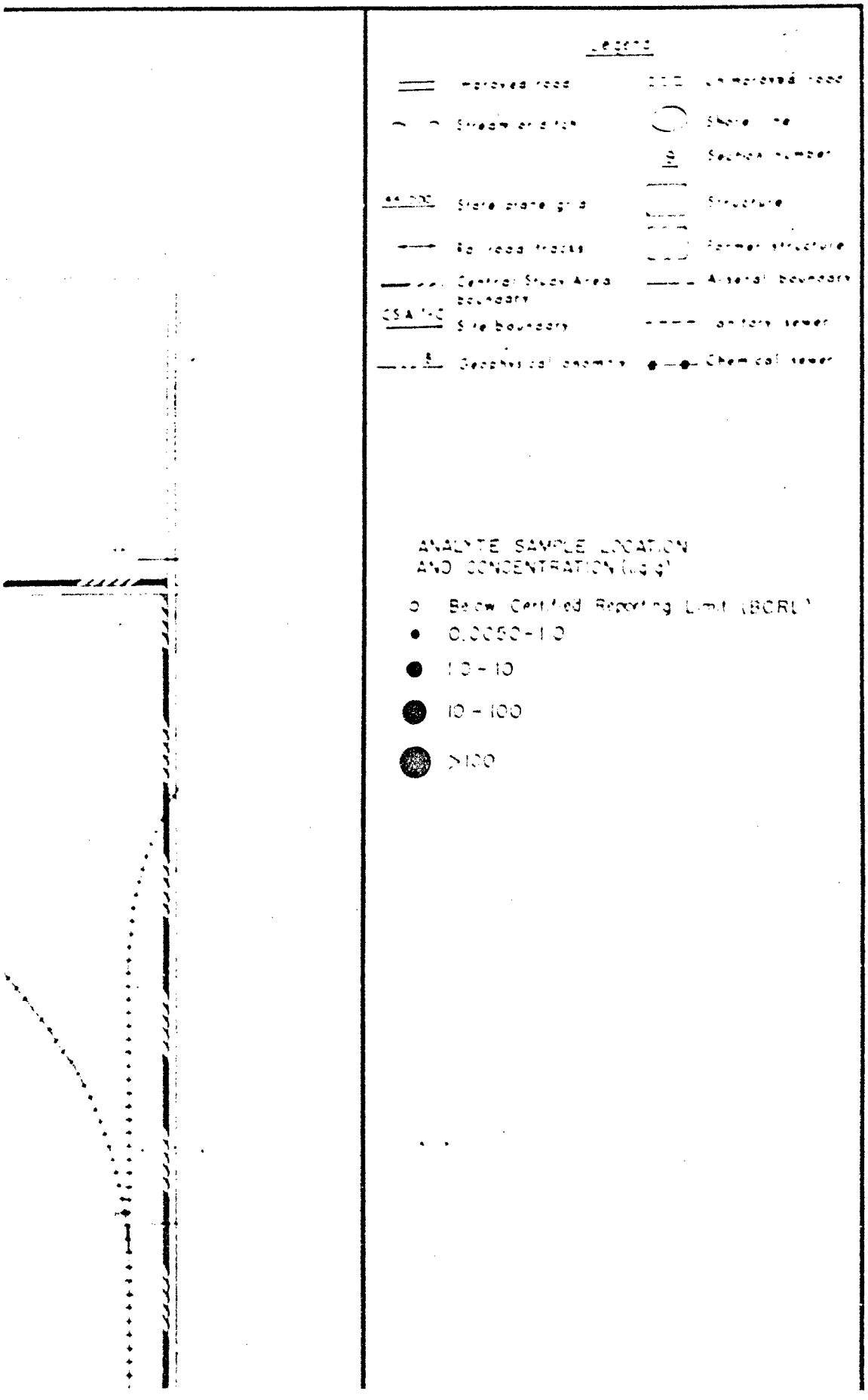
PLATE CSA 21-33

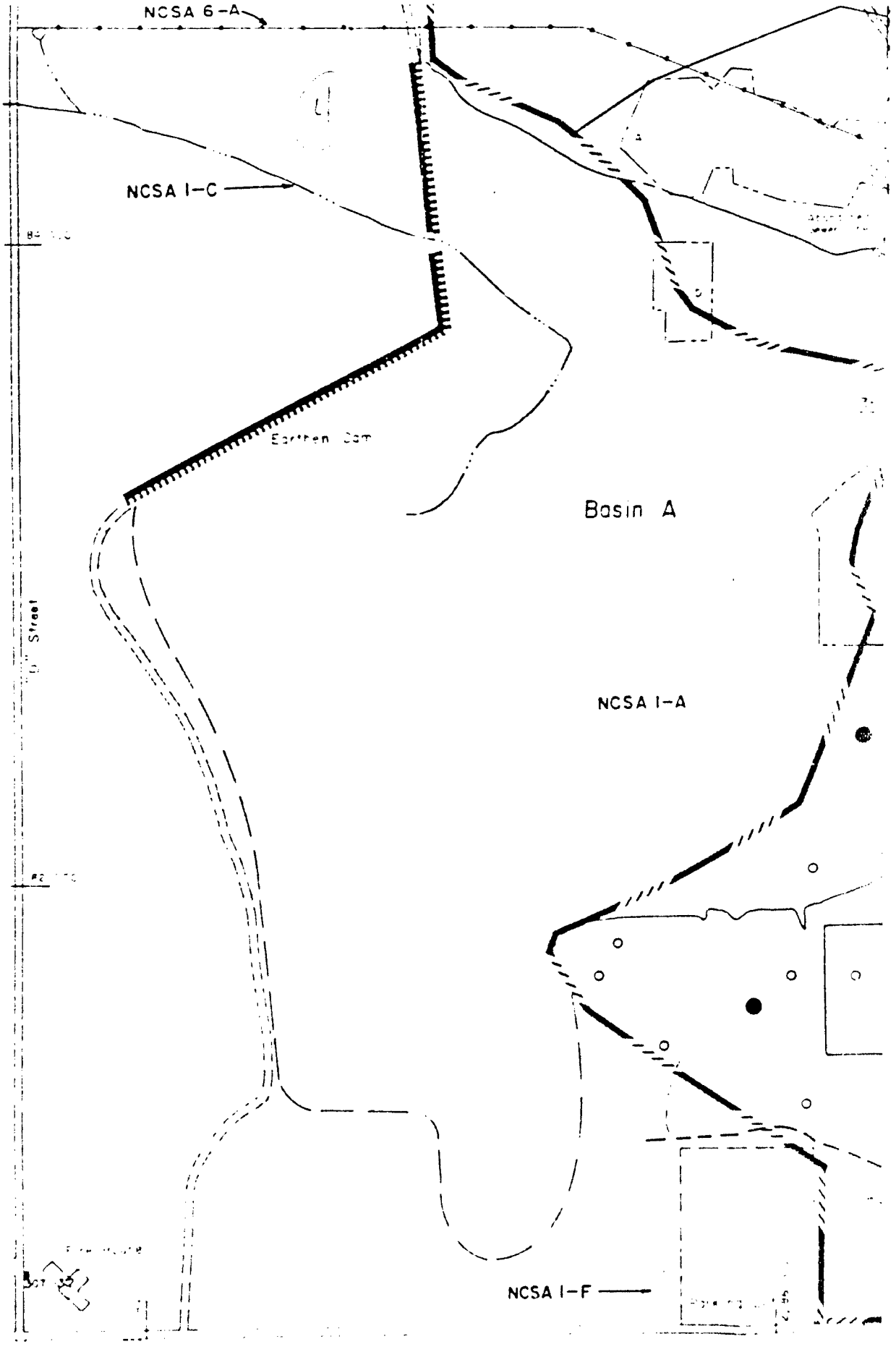
Dibromochloropropane
in Soils in the > 20 ft Interval

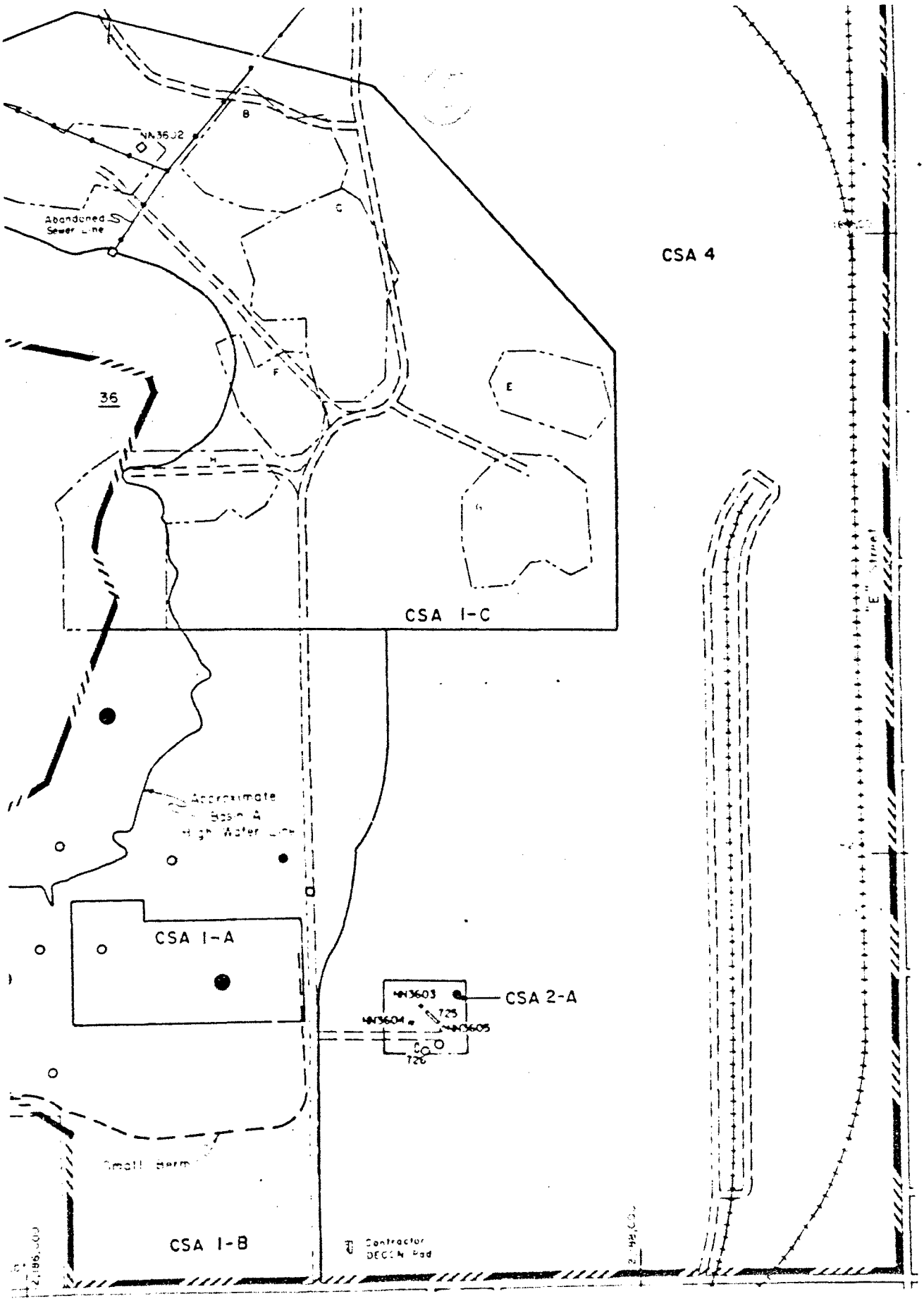
Rocky Mountain Arsenal
Prepared by Ebasco Services Incorporated

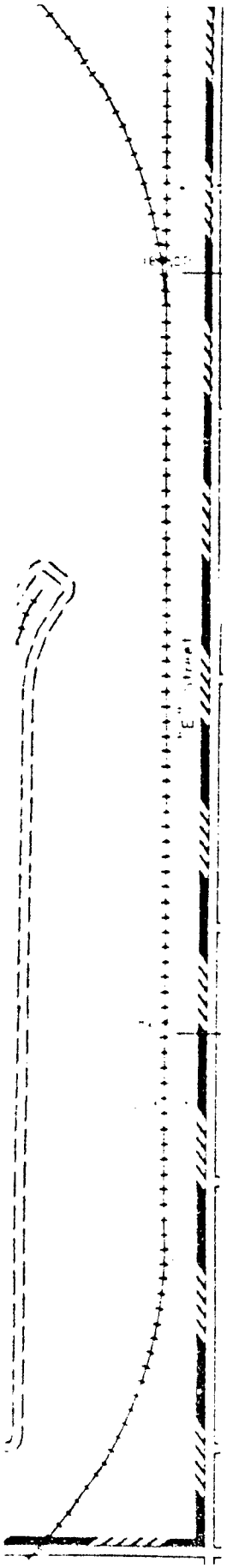

NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C


North Plants
Area
25
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4

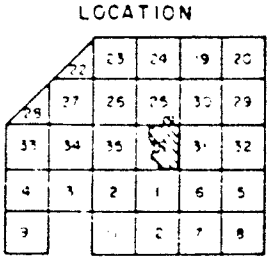

Legend
Improved road
Unimproved road
Stream or ditch
Shoreline
Section number
State plane grid
Structure
Railroad tracks
Former structure
Central Study Area boundary
Arsenal boundary
CSA 100
Site boundary
Sanitary sewer
Geophysical anomaly
Chemical sewer
ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)
Below Certified Reporting Limit (BCRL)
0.0050 - 1.0
1.0 - 10
10 - 100
>100


NCSA 6-A
NCSA I-C
Basin A
NCSA I-A
NCSA I-F

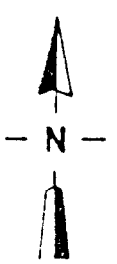

CSA 4
CSA 1-C
CSA 1-A
CSA 1-B
CSA 2-A
36
Abandoned Sewer Line
MW3602
MW3603
MW3604
MW3605
725
726
Approximate Basin A
Small Berm
Contractor DECON Pad
"E" Street

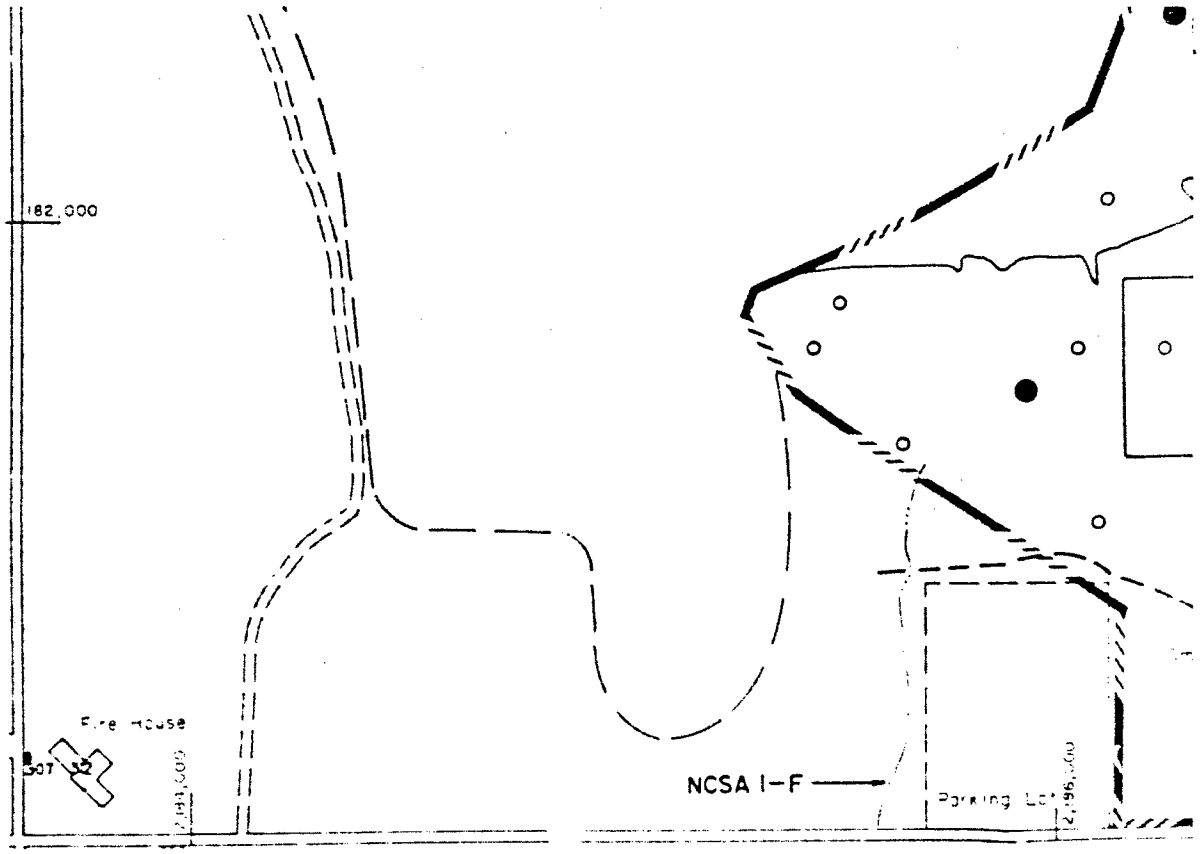


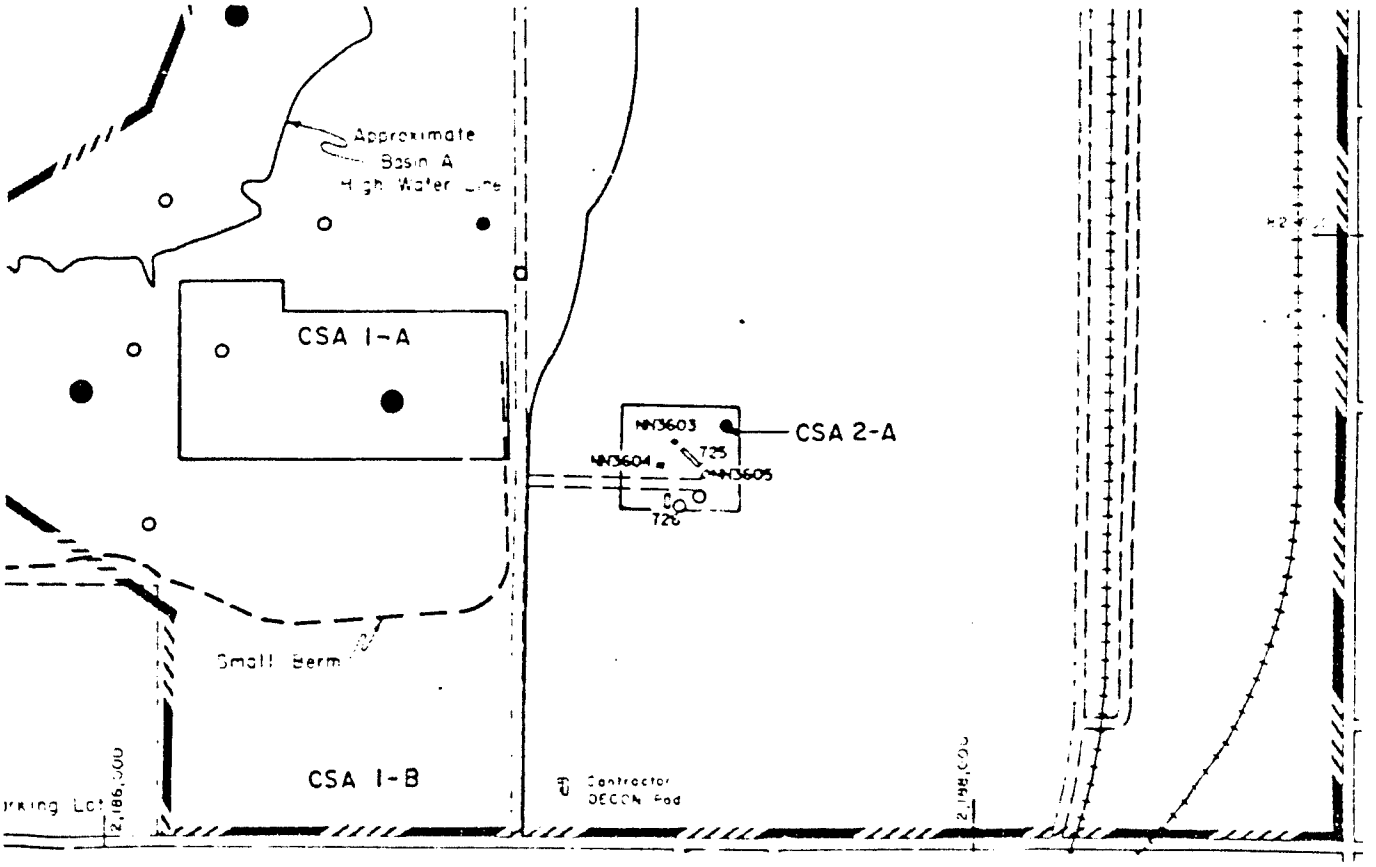
ROCKY MOUNTAIN ARSENAL
LOCATION

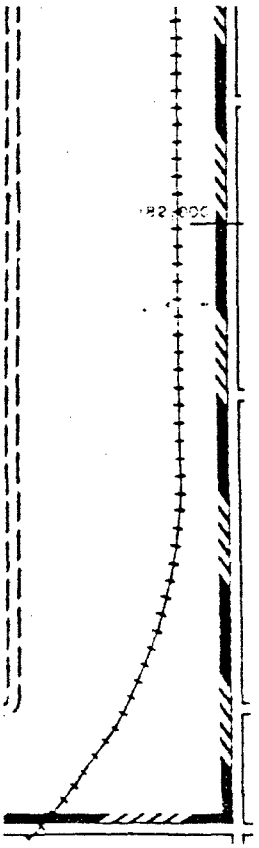


1" = 4 MILES

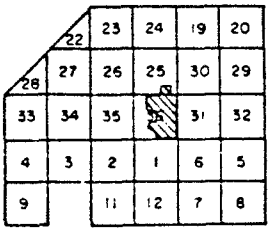



182,000
Fire House
NCSA I-F
Parking Lot


Approximate
Basin A
CSA 1-A
CSA 2-A
MW3603
MW3604
MW3605
725
720
Small Berm
CSA 1-B
Contractor
DECON Pad



ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





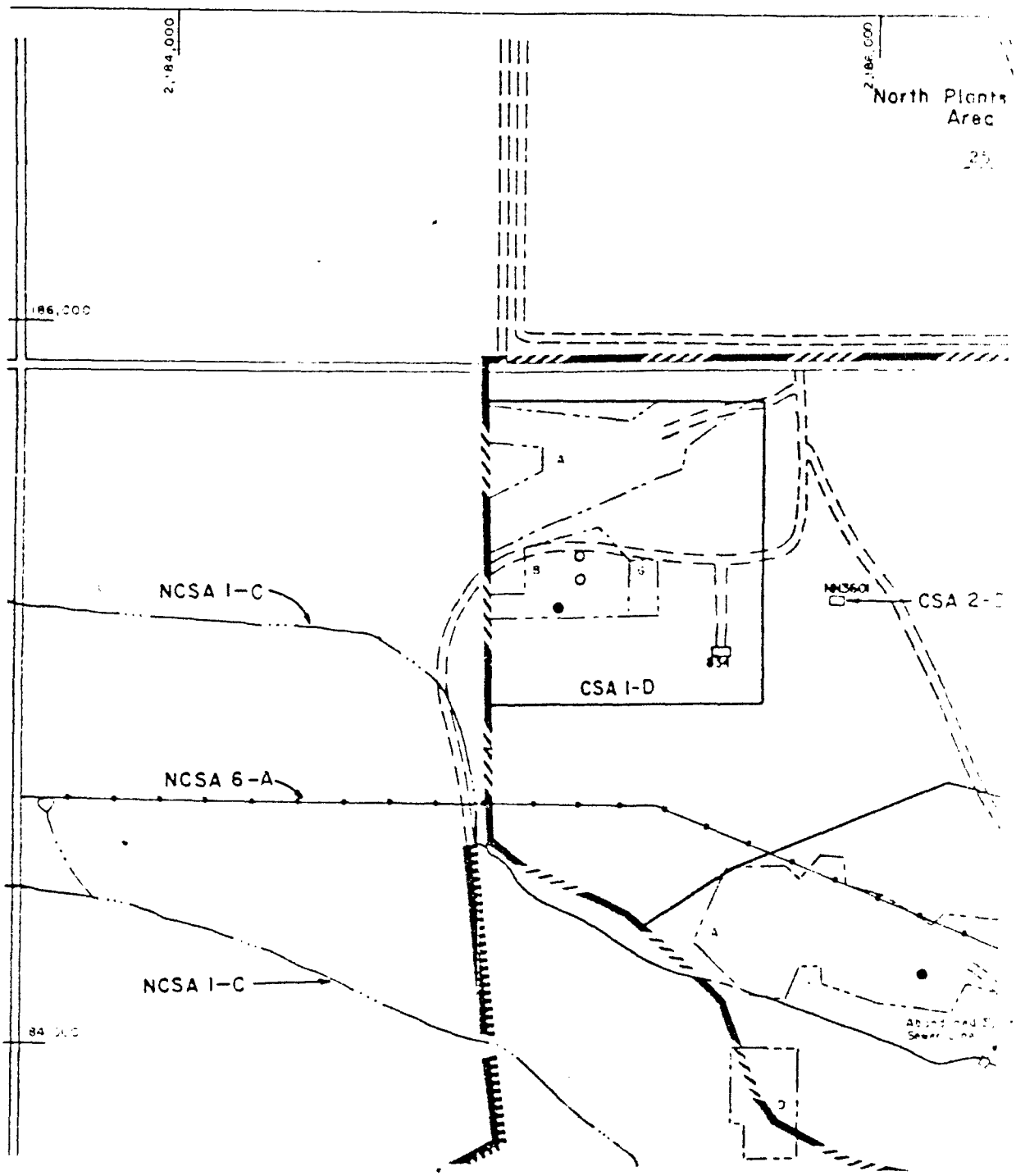
Prepared for:

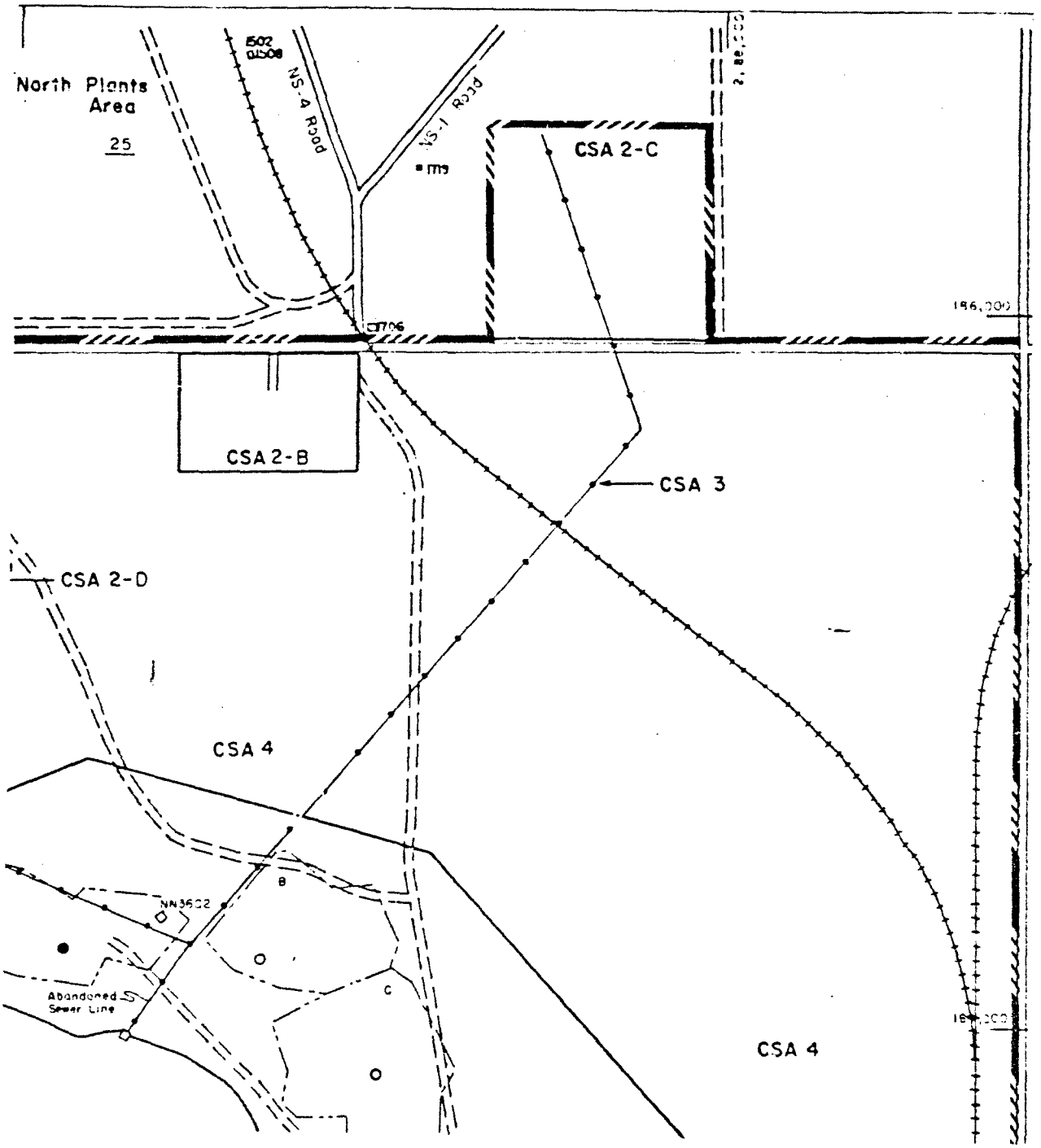
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-34

Fluoroacetic Acid in Soils
in the 0-2ft. Interval

Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated


2,184,000
2,184,000
North Plants
Area
186,000
NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C
CSA 2-


North Plants Area
25
NS-4 Road
NS-1 Road
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4
NN3602
Abandoned Sewer Line
B
C
196,200

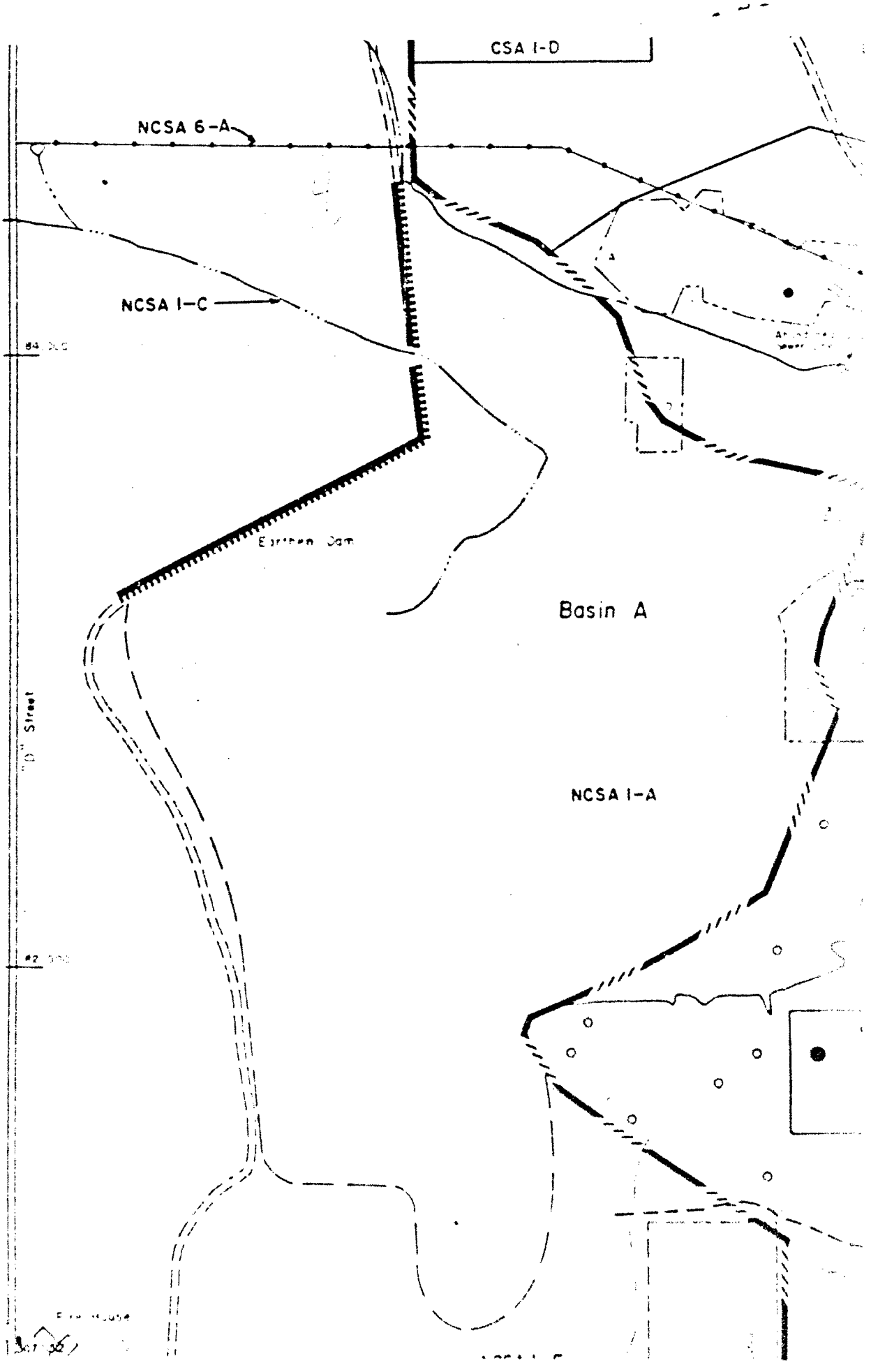


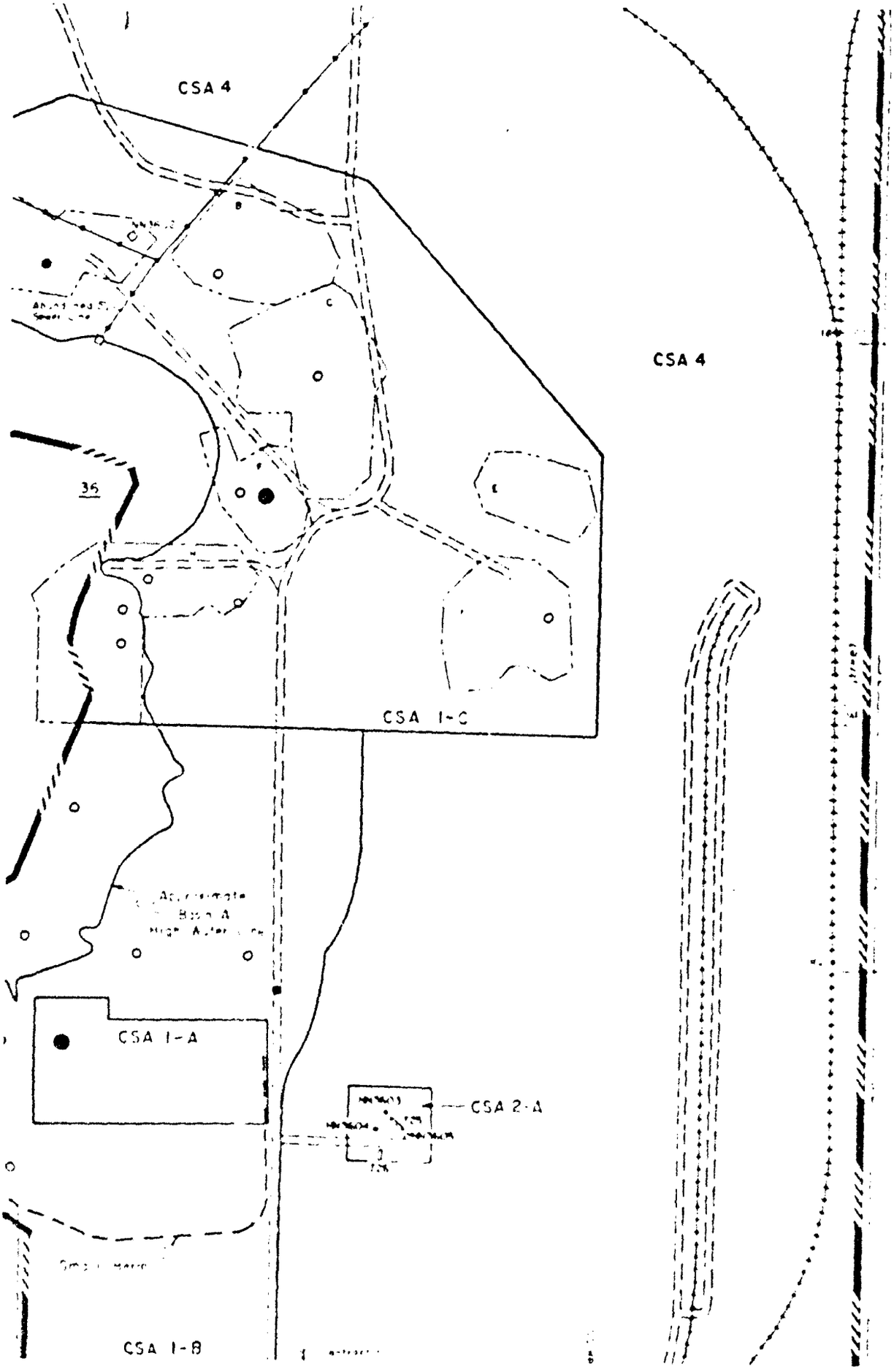
Legend

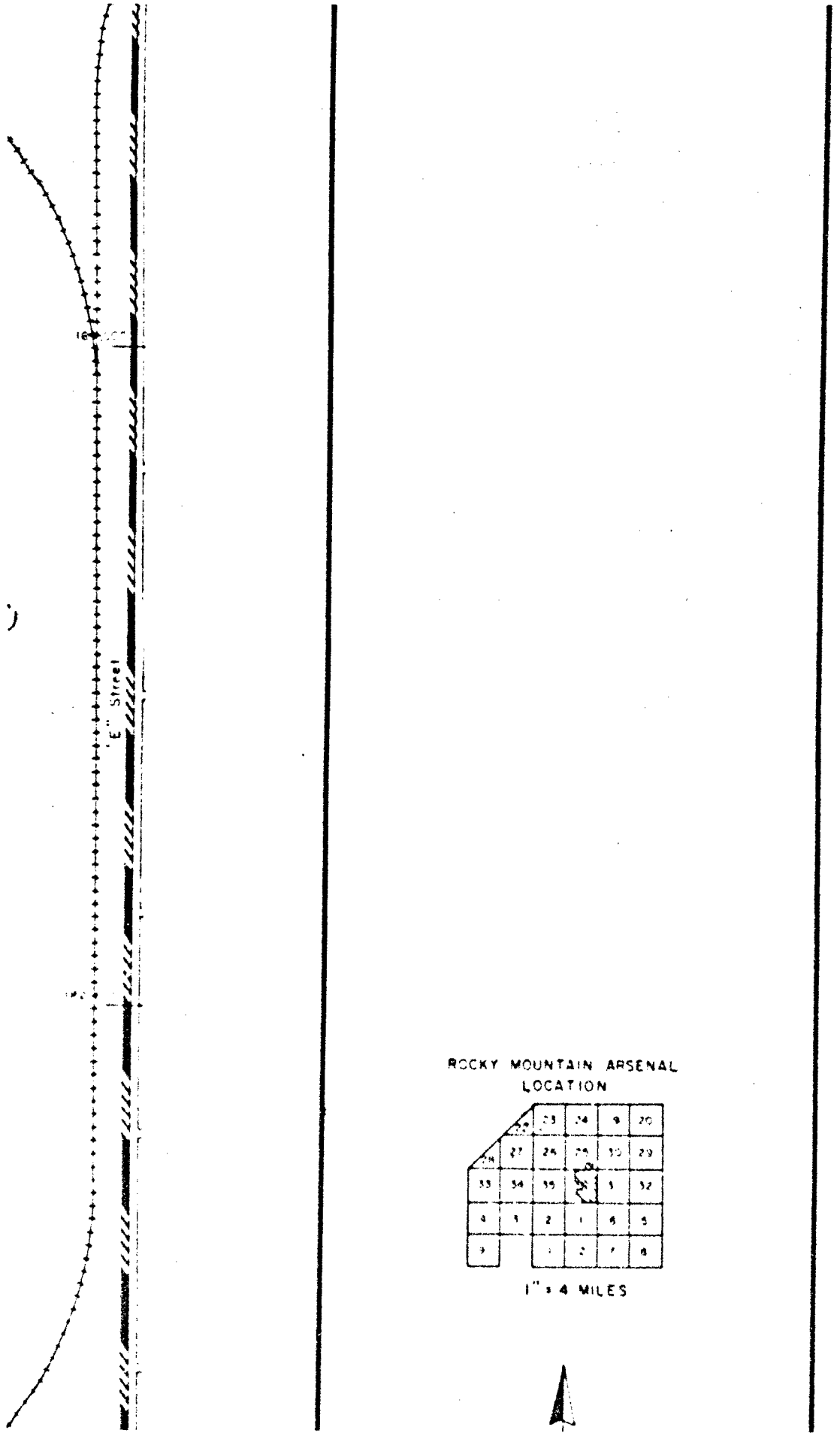
- Improved road
- Unimproved road
- Stream or ditch
- Shore line
- 9 — Section number
- 186,000 — State plane grid
- Structure
- Railroad tracks
- Former structure
- Central Study Area boundary
- Arsenal boundary
- CSA 1-C — Site boundary
- Sanitary sewer
- B — Geophysical anomaly
- Chemical sewer

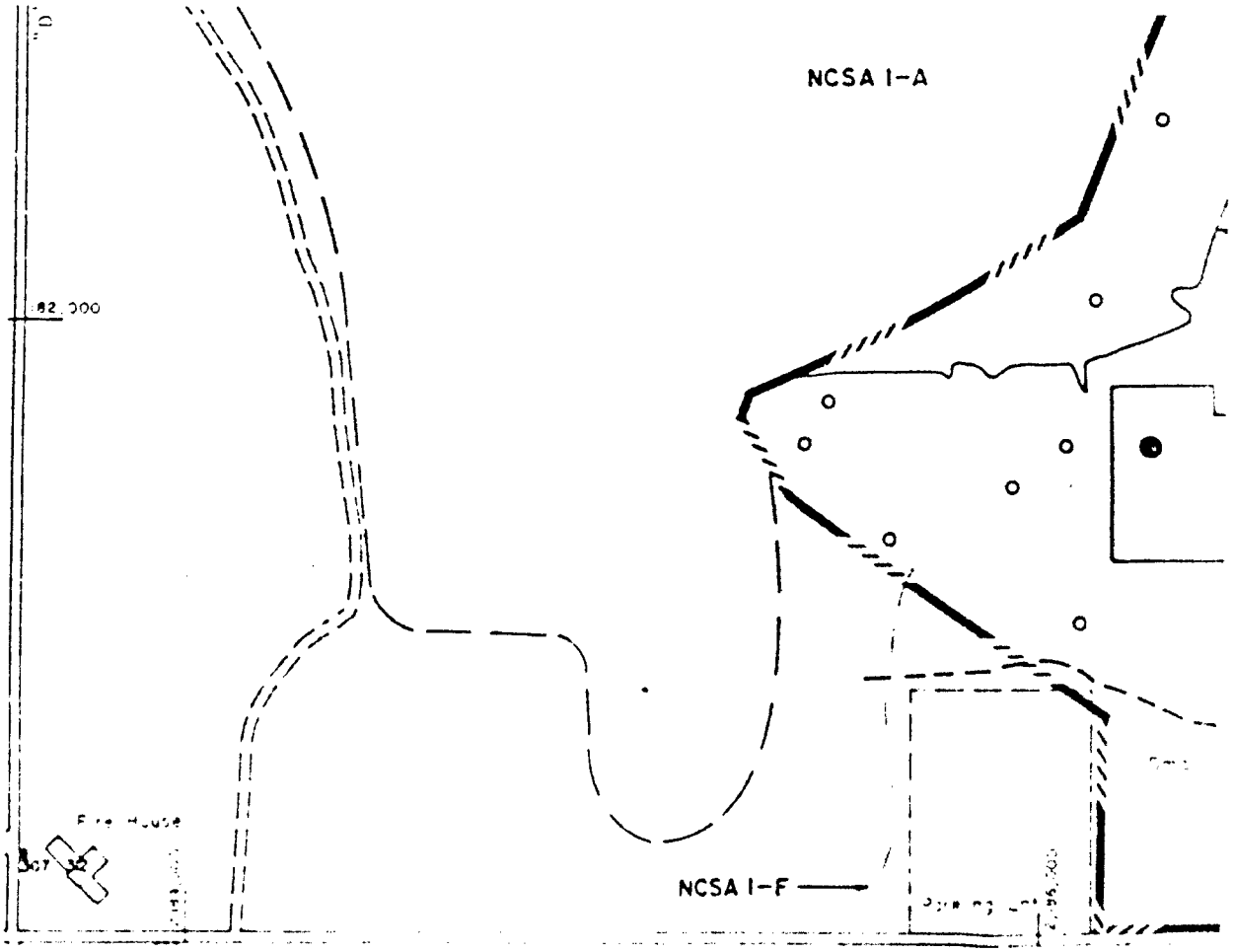
ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

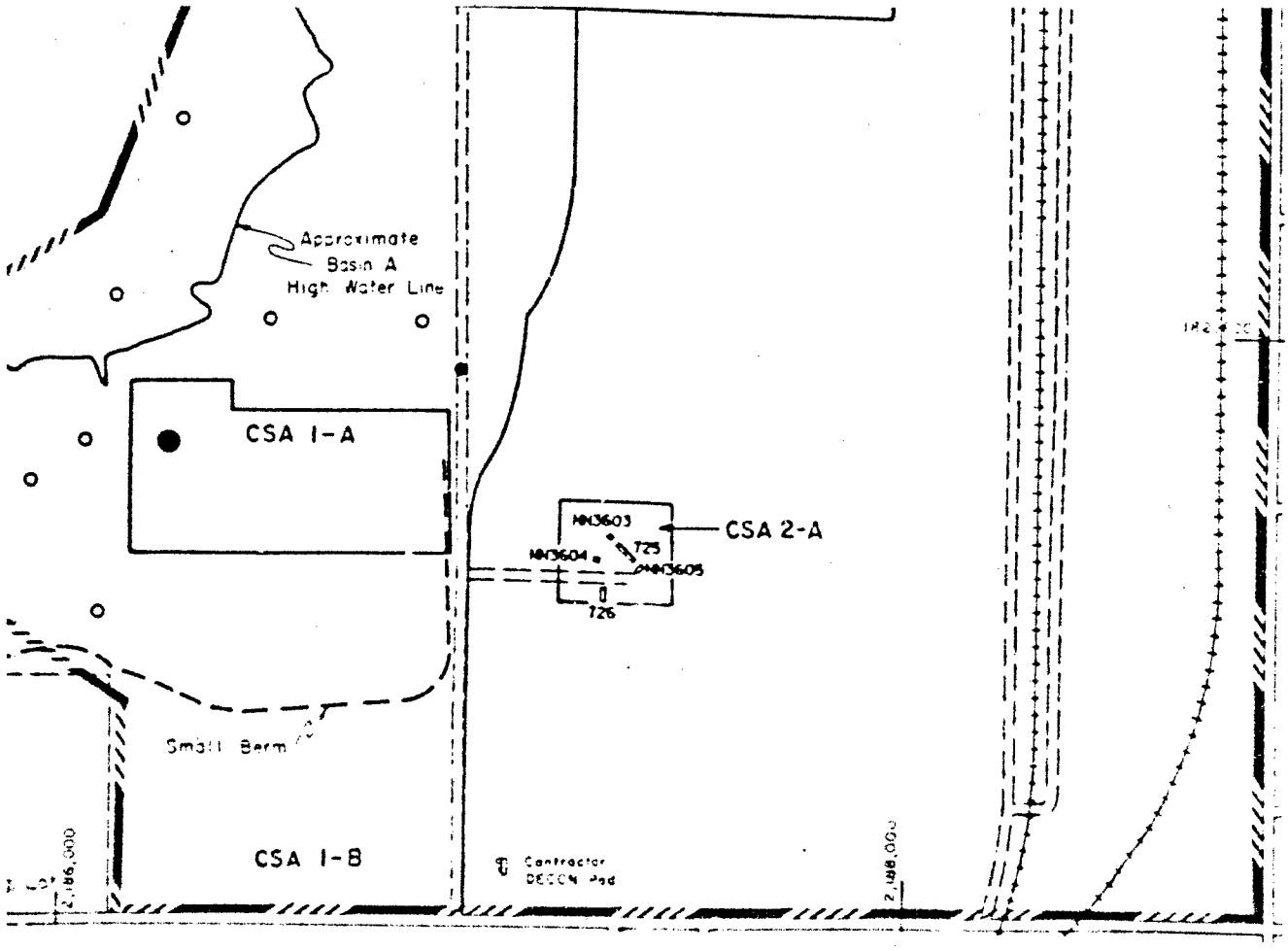
- o Below Certified Reporting Limit (BCRL)
- • 0.0050 - 1.0
- ● 1.0 - 10
- ● 10 - 100
- ● >100

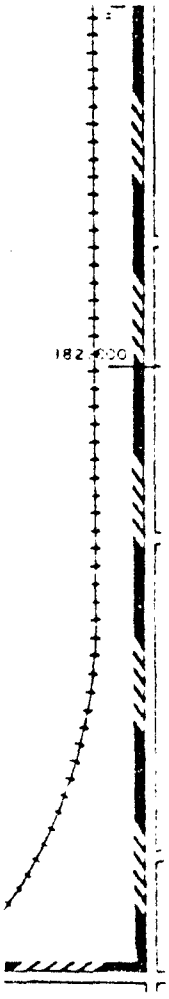

CSA I-D
NCSA 6-A
NCSA I-C
Basin A
NCSA I-A


CSA 4
CSA 4
36
CSA 1-C
CSA 1-A
CSA 2-A
CSA 1-B

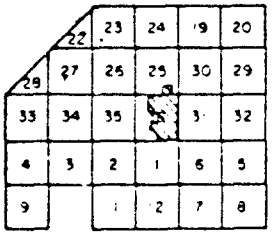

'E' Street
ROCKY MOUNTAIN ARSENAL
LOCATION
1" = 4 MILES


NCSA I-A
82,000
NCSA I-F

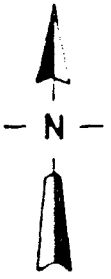

Approximate
Basin A
High Water Line
CSA 1-A
CSA 2-A
MH3603
MH3604
MH3605
725
726
Small Berm
CSA 1-B
Contractor
DESIGN Pad
2,186,000
2,186,000

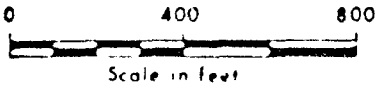


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





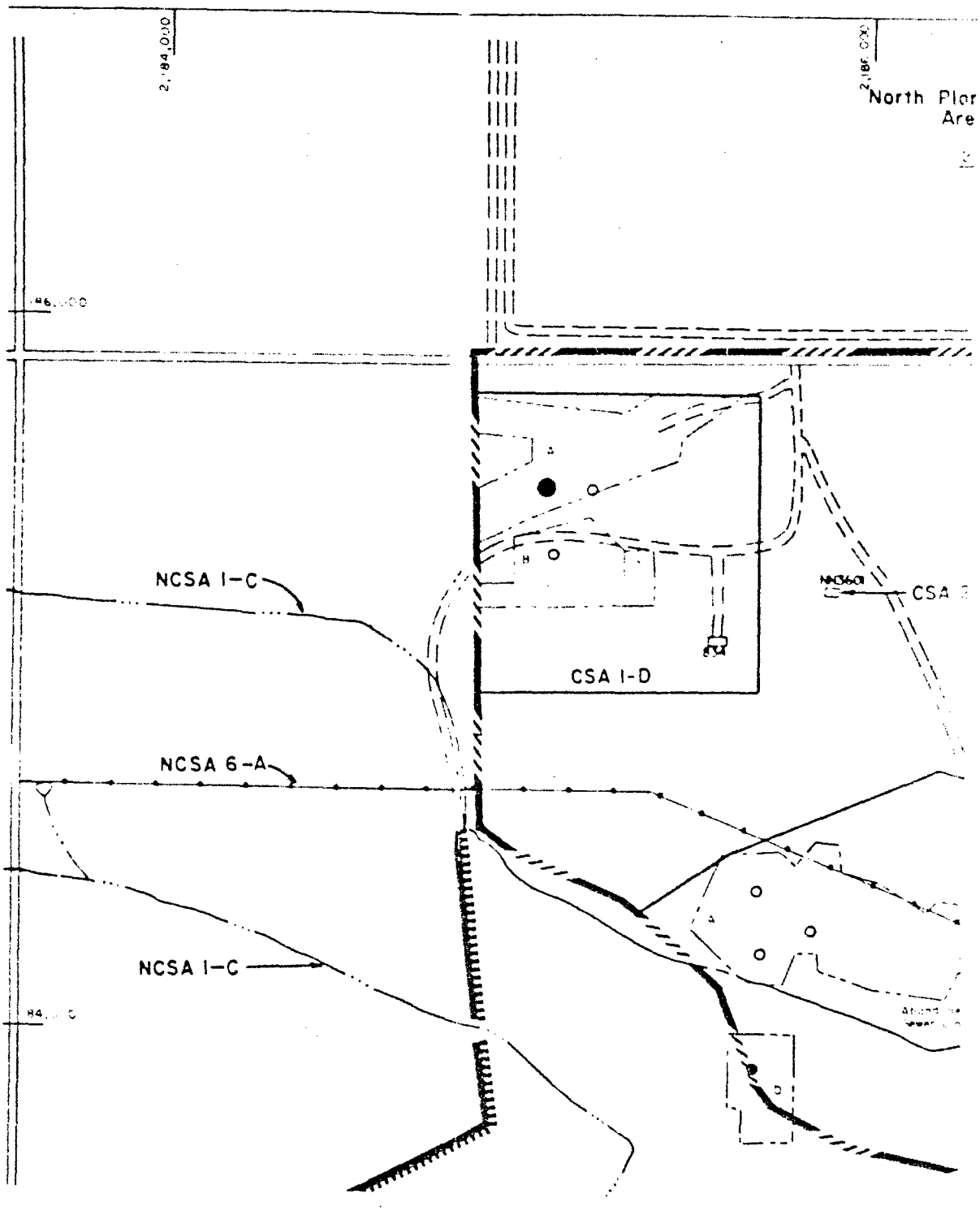
Prepared for:

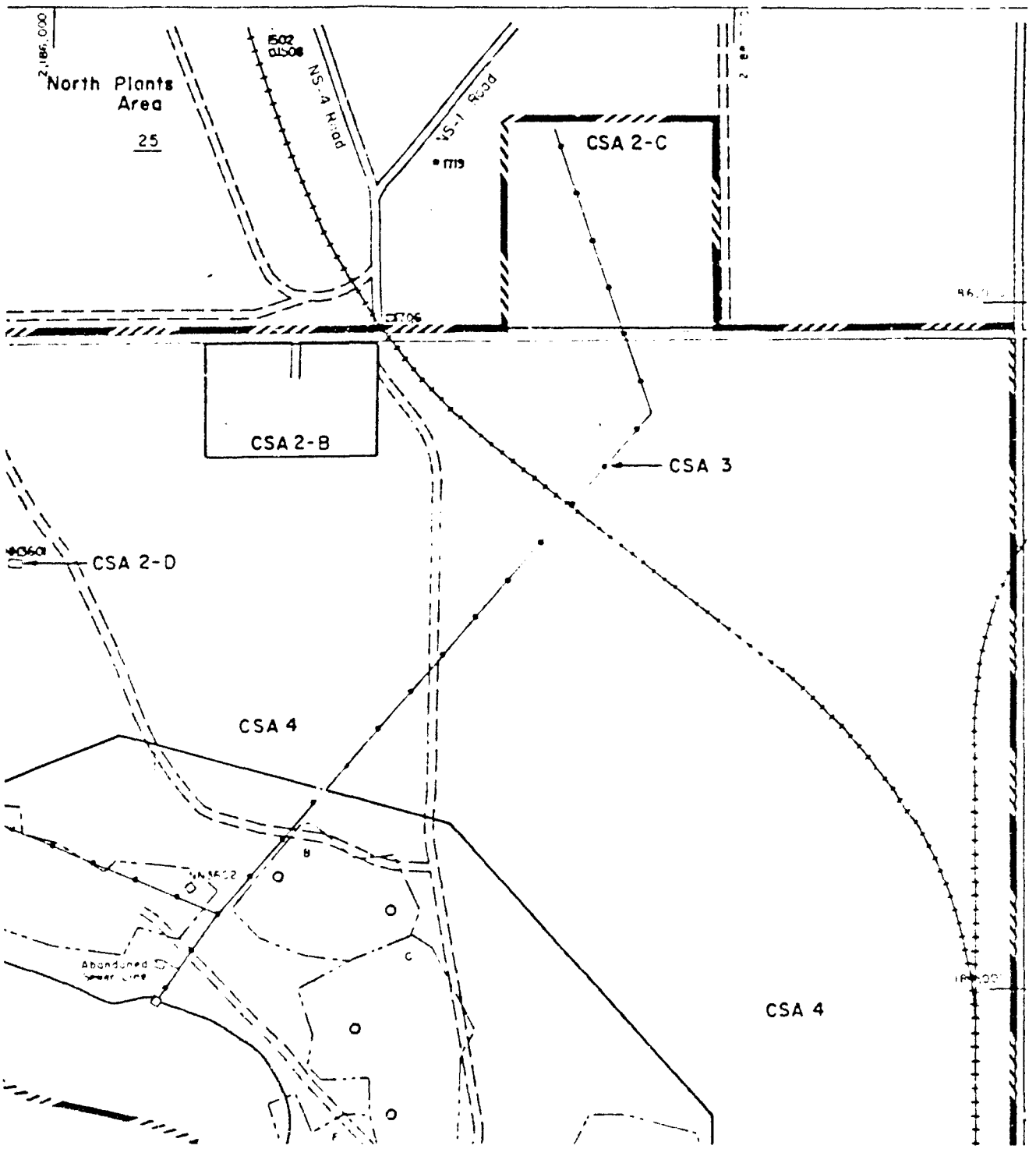
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

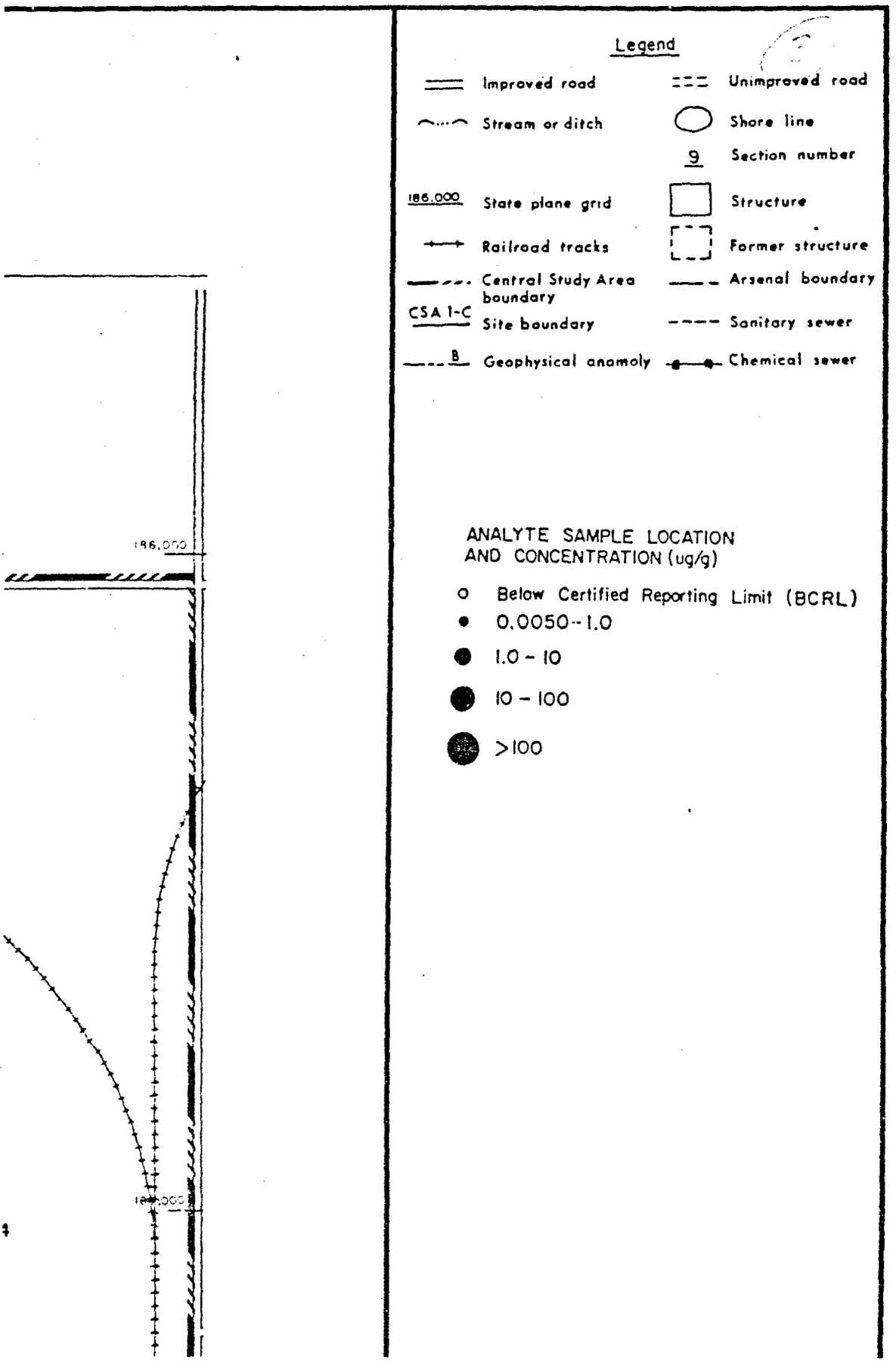
PLATE CSA 21-35

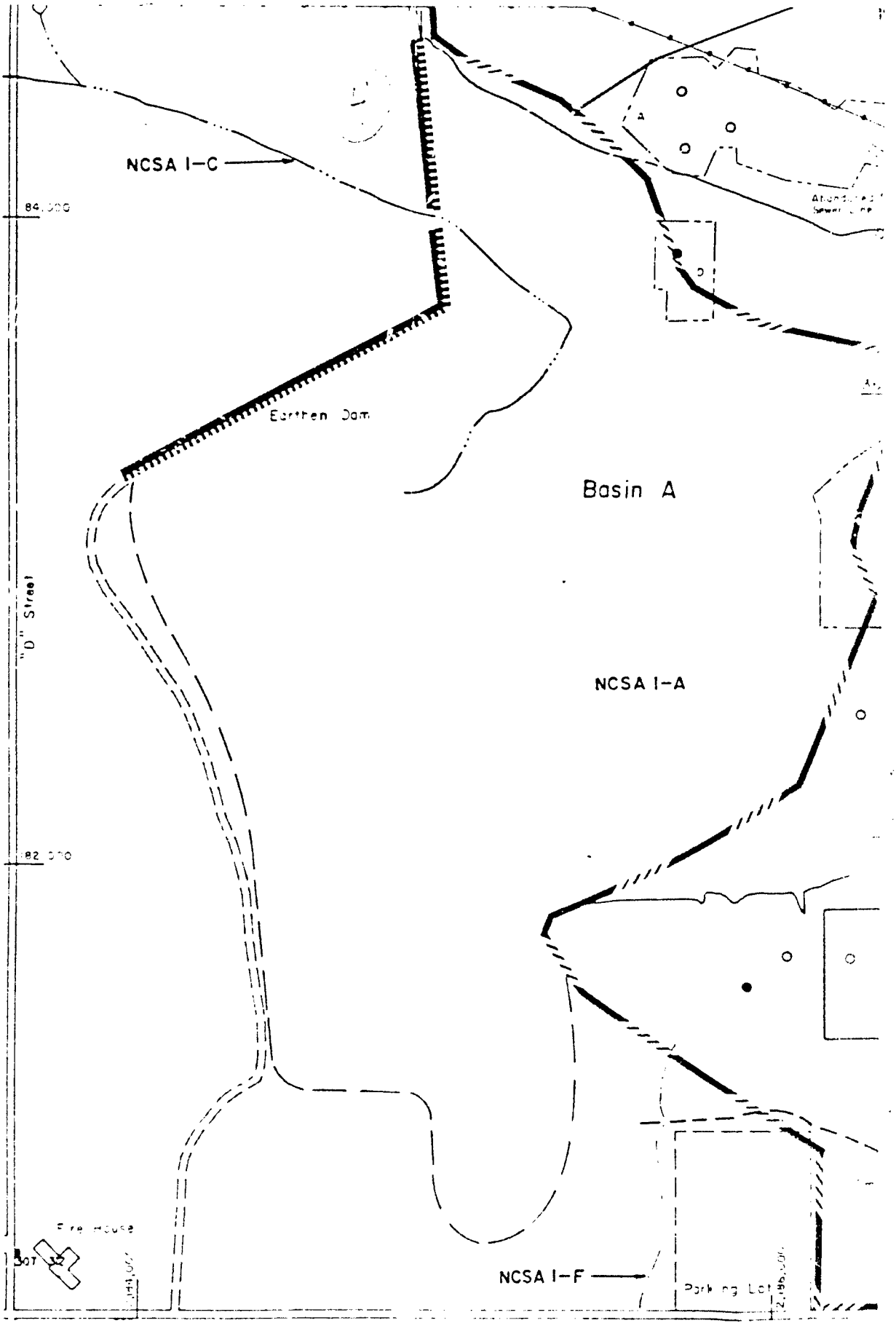
Fluoroacetic Acid in Soils
in the 2-5 ft. Interval

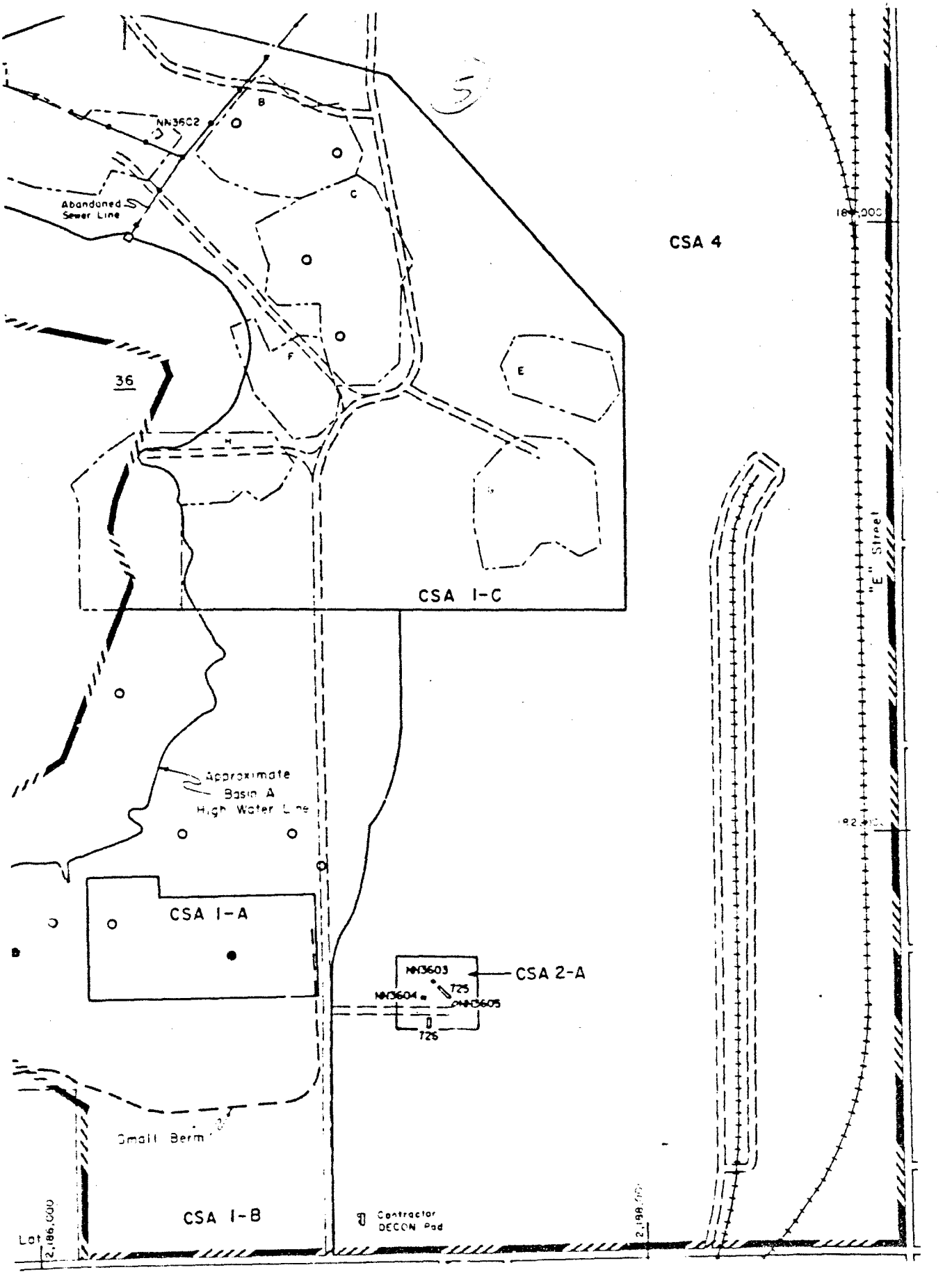
Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated

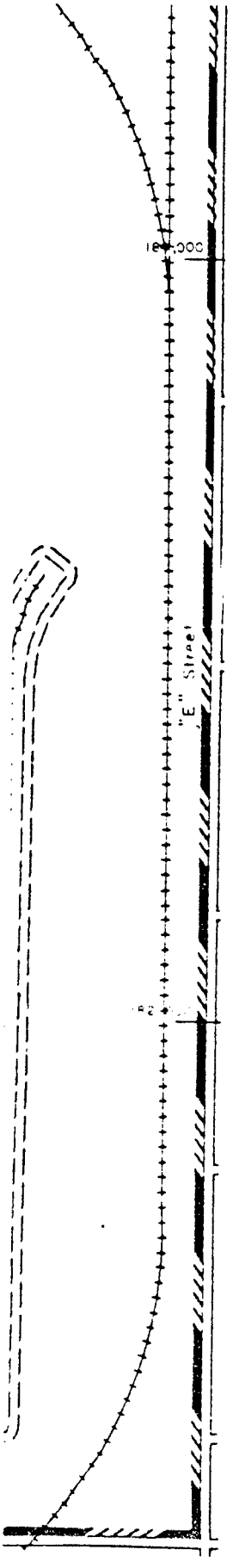

North Plar
Are
NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C
CSA


North Plants Area
25
NS-A Road
NS-1 Road
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4
Abandoned

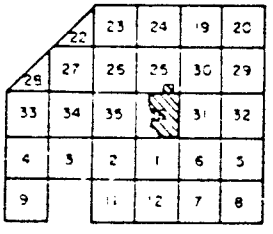

Legend
Improved road
Unimproved road
Stream or ditch
Shore line
9
Section number
186.000
State plane grid
Structure
Railroad tracks
Former structure
Central Study Area boundary
Arsenal boundary
CSA 1-C
Site boundary
Sanitary sewer
B
Geophysical anamoly
Chemical sewer
ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)
Below Certified Reporting Limit (BCRL)
0.0050--1.0
1.0 - 10
10 - 100
>100
196,000


NCSA I-C
Earthen Dam
Basin A
"D" Street
NCSA I-A
NCSA I-F
Parking Lot

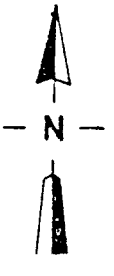

NN3602
Abandoned Sewer Line
B
C
F
E
36
CSA 4
CSA I-C
"E" Street
Approximate Basin A High Water Line
CSA I-A
NN3603
CSA 2-A
725
NN3604
NN3605
725
Small Berm
CSA I-B
Contractor DECON Pad
Lat
2,186,000
2,198,000

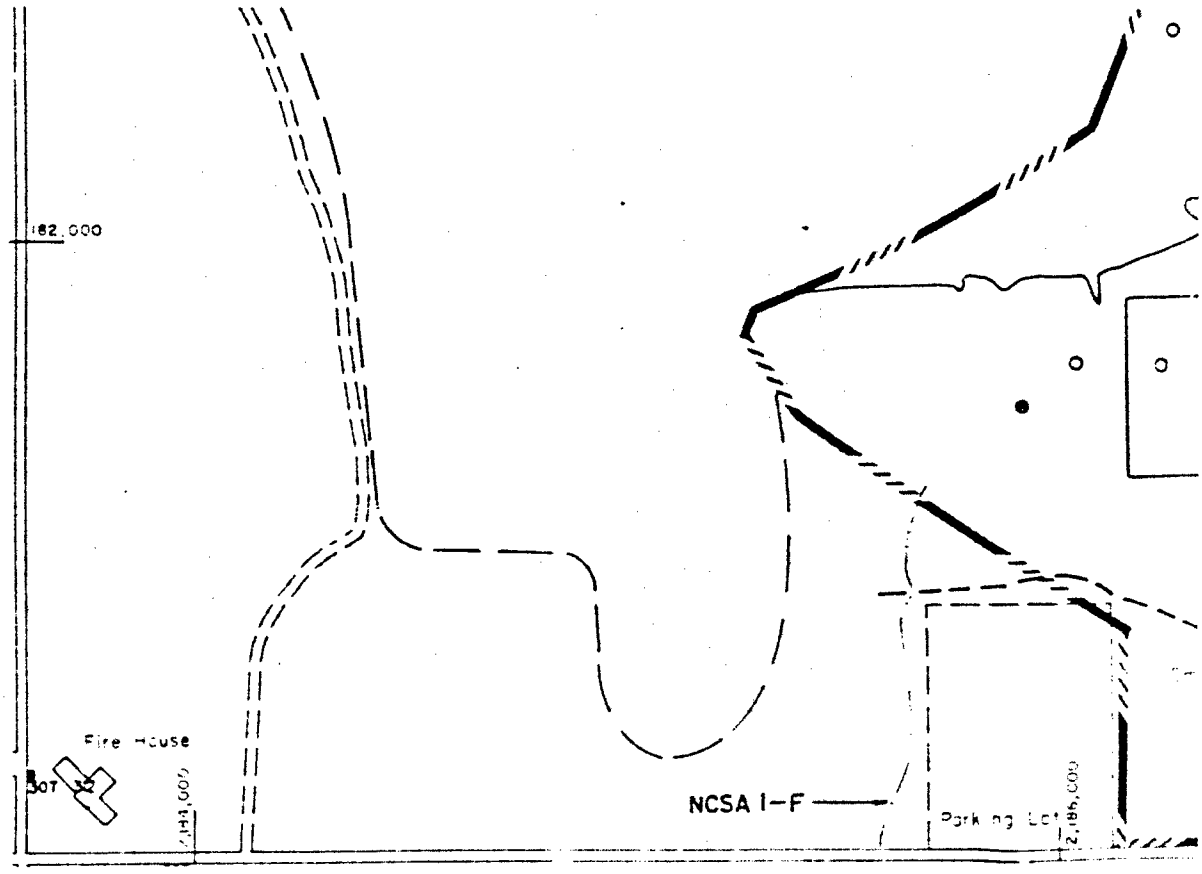


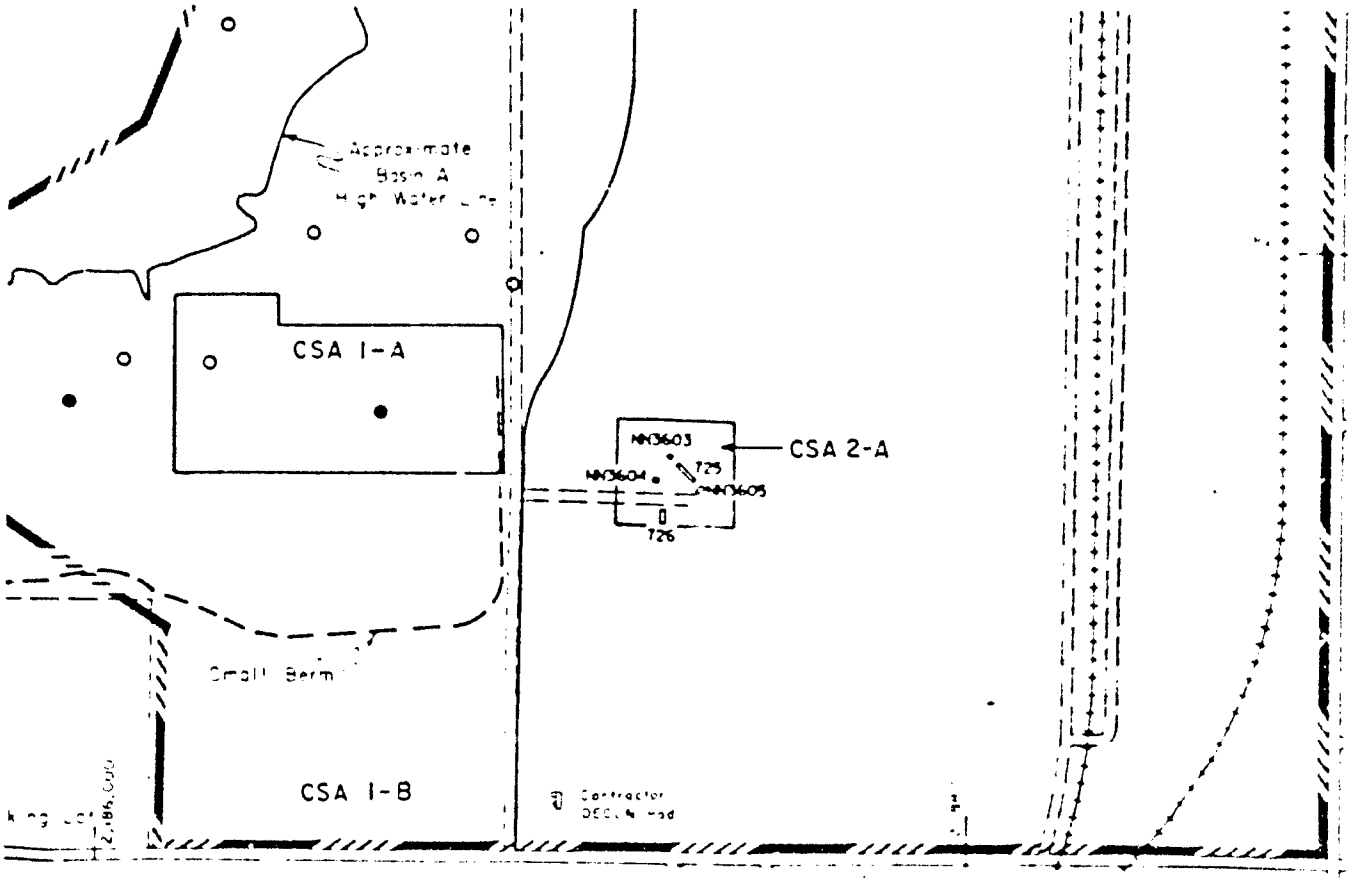
ROCKY MOUNTAIN ARSENAL
LOCATION

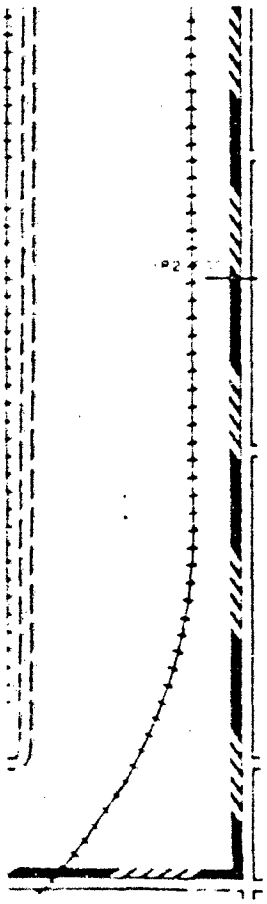


1" = 4 MILES

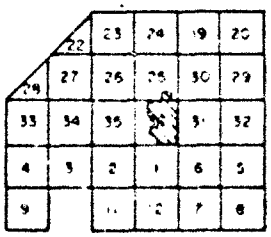



182,000
Fire House
NCSA I-F
Parking Lot

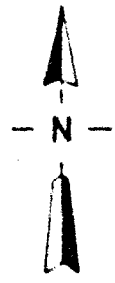

Approximate
Basin A
CSA 1-A
CSA 2-A
NW3603
NW3604
NW3605
725
726
Small Berm
CSA 1-B

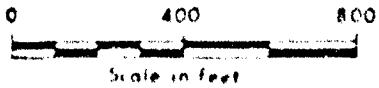


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





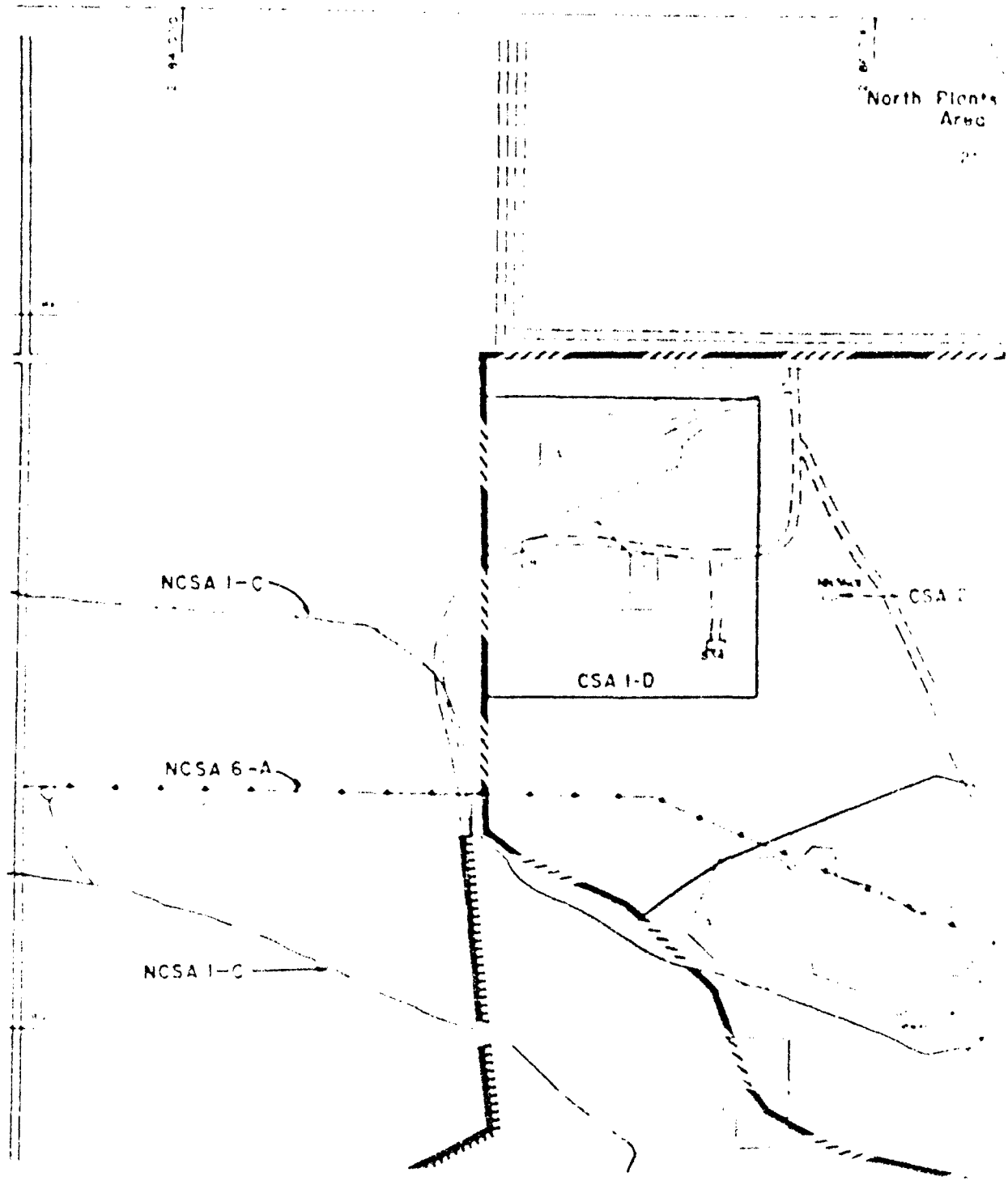
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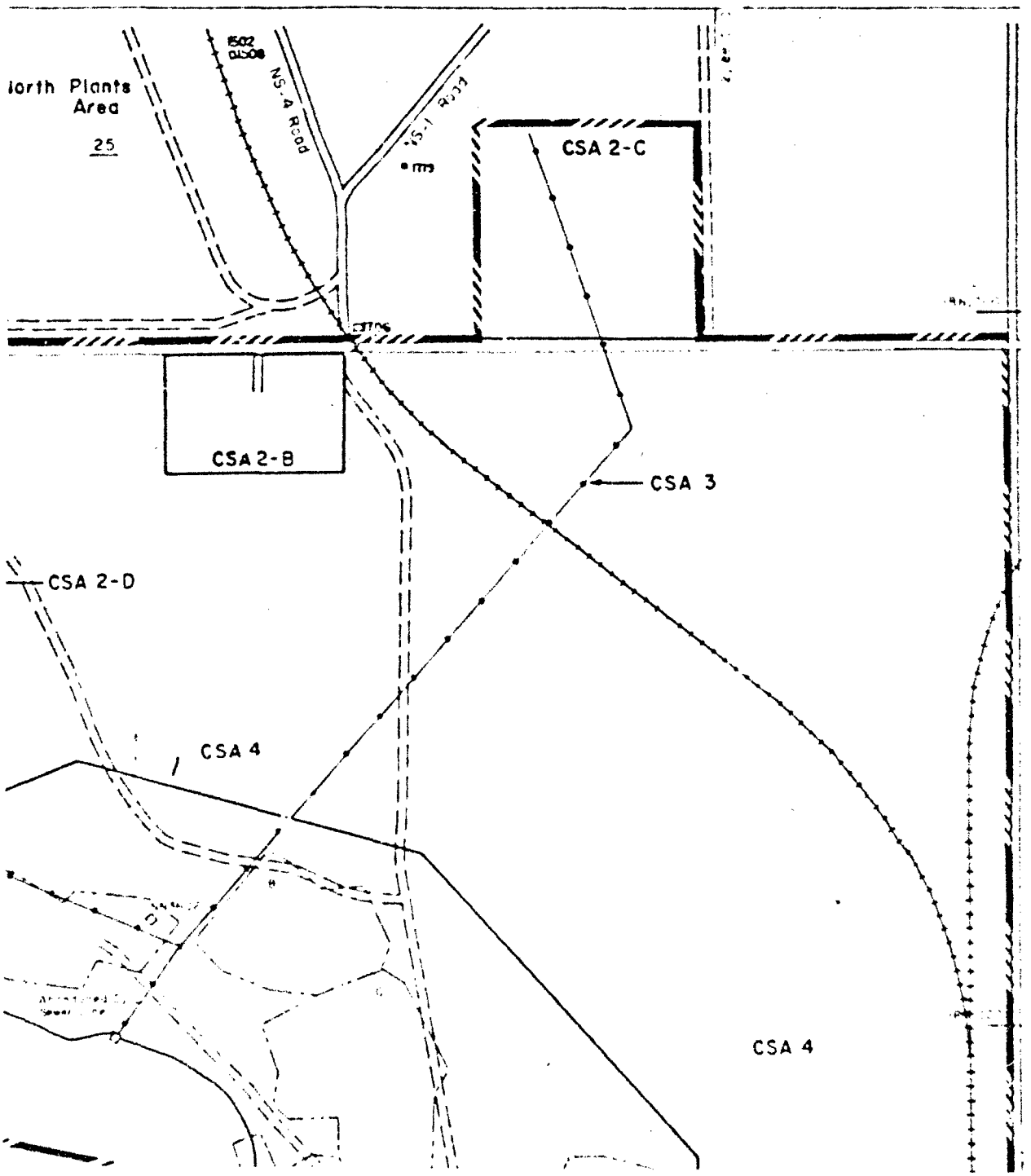
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-36

Fluoroacetic Acid in Soils
in the 5-20 ft. Interval

Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated


North Plant's
Area
NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C


North Plants Area
25
NS-A Road
NS-1 Road
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4

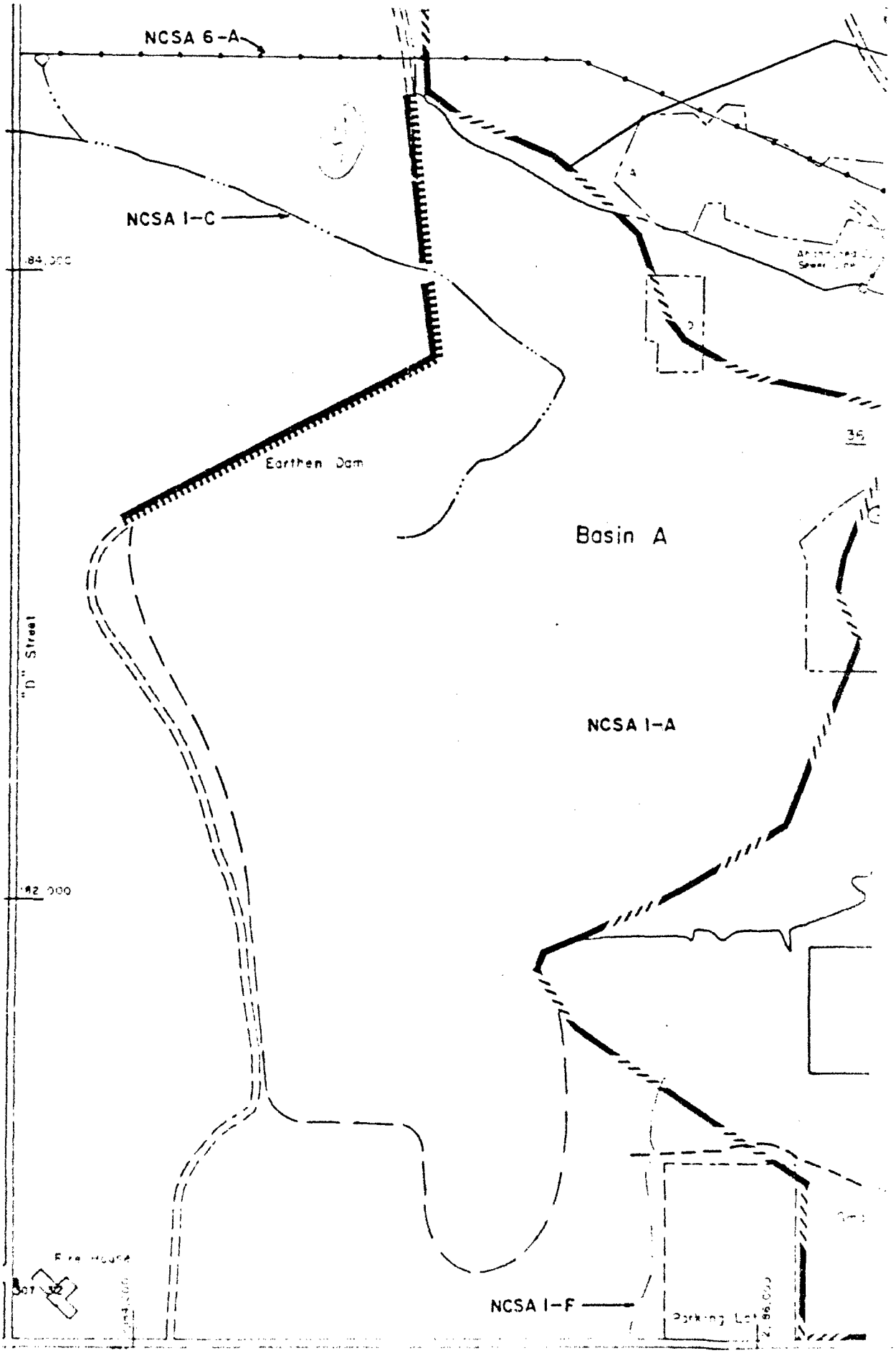


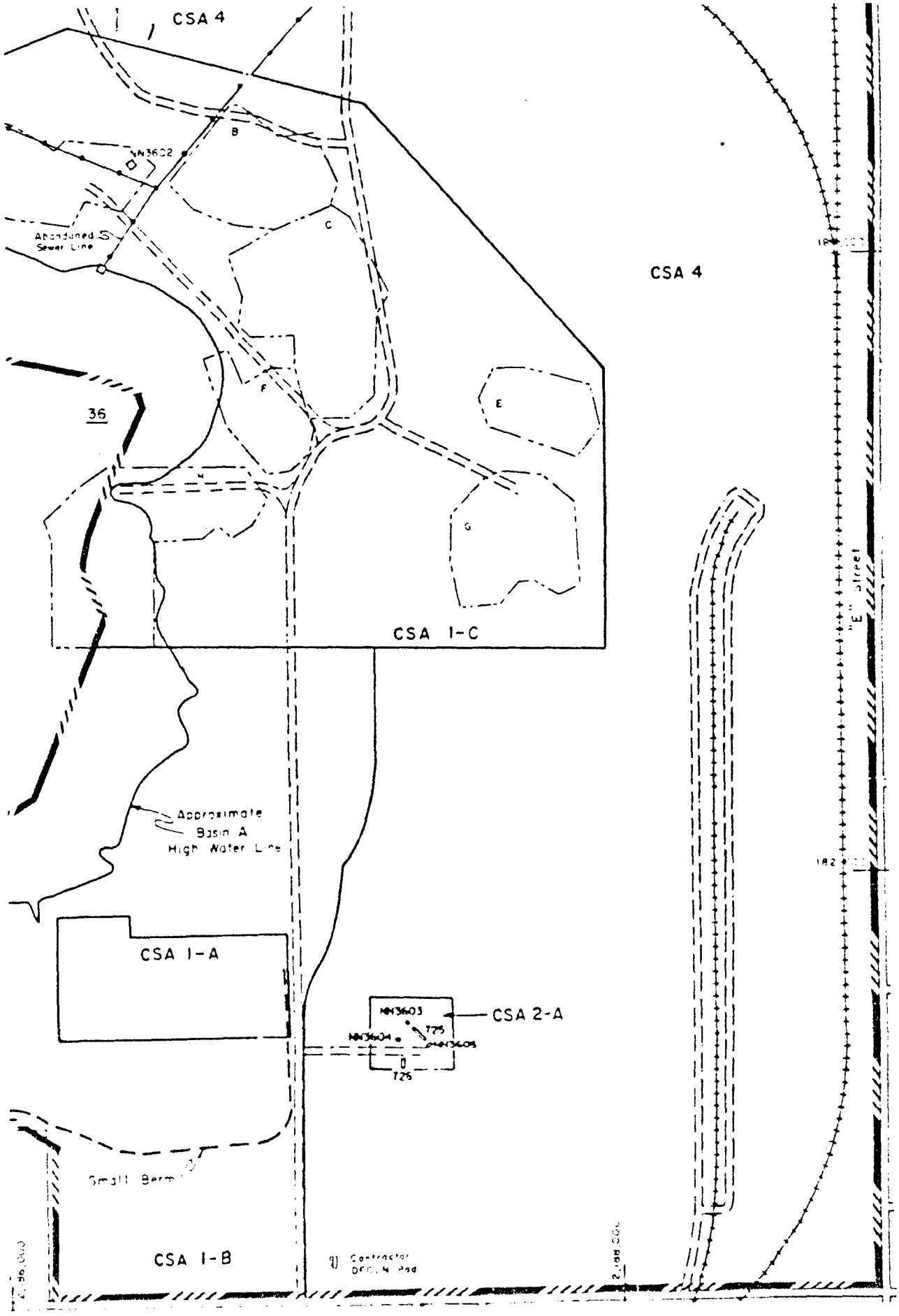
Legend

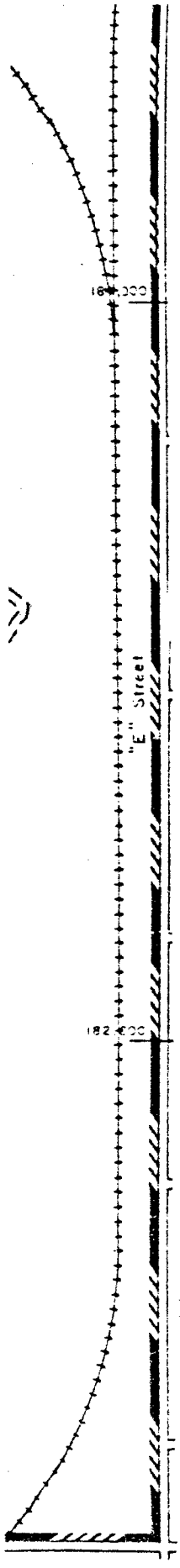
- Improved road
- Unimproved road
- Stream or ditch
- Shore line
- 9 — Section number
- 186,000 — State plane grid
- Structure
- Railroad tracks
- Former structure
- Central Study Area boundary
- Arsenal boundary
- CSA 1-C — Site boundary
- Sanitary sewer
- 8 — Geophysical anomaly
- Chemical sewer

ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

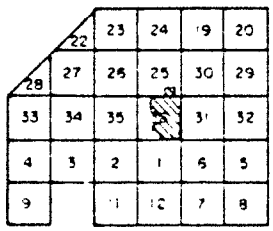
- o Below Certified Reporting Limit (BCRL)
- ● 0.0050 - 1.0
- ● 1.0 - 10
- ● 10 - 100
- ● >100


NCSA 6-A
NCSA 1-C
Earthen Dam
Basin A
"D" Street
NCSA 1-A
NCSA 1-F
Parking Lot


CSA 4
MH3602
B
C
Abandoned Sewer Line
CSA 4
36
F
E
G
CSA 1-C
"E" Street
Approximate Basin A High Water Line
CSA 1-A
MH3603
CSA 2-A
MH3604
MH3605
725
D
726
Small Berm
CSA 1-B
Contractor Drilling Pad

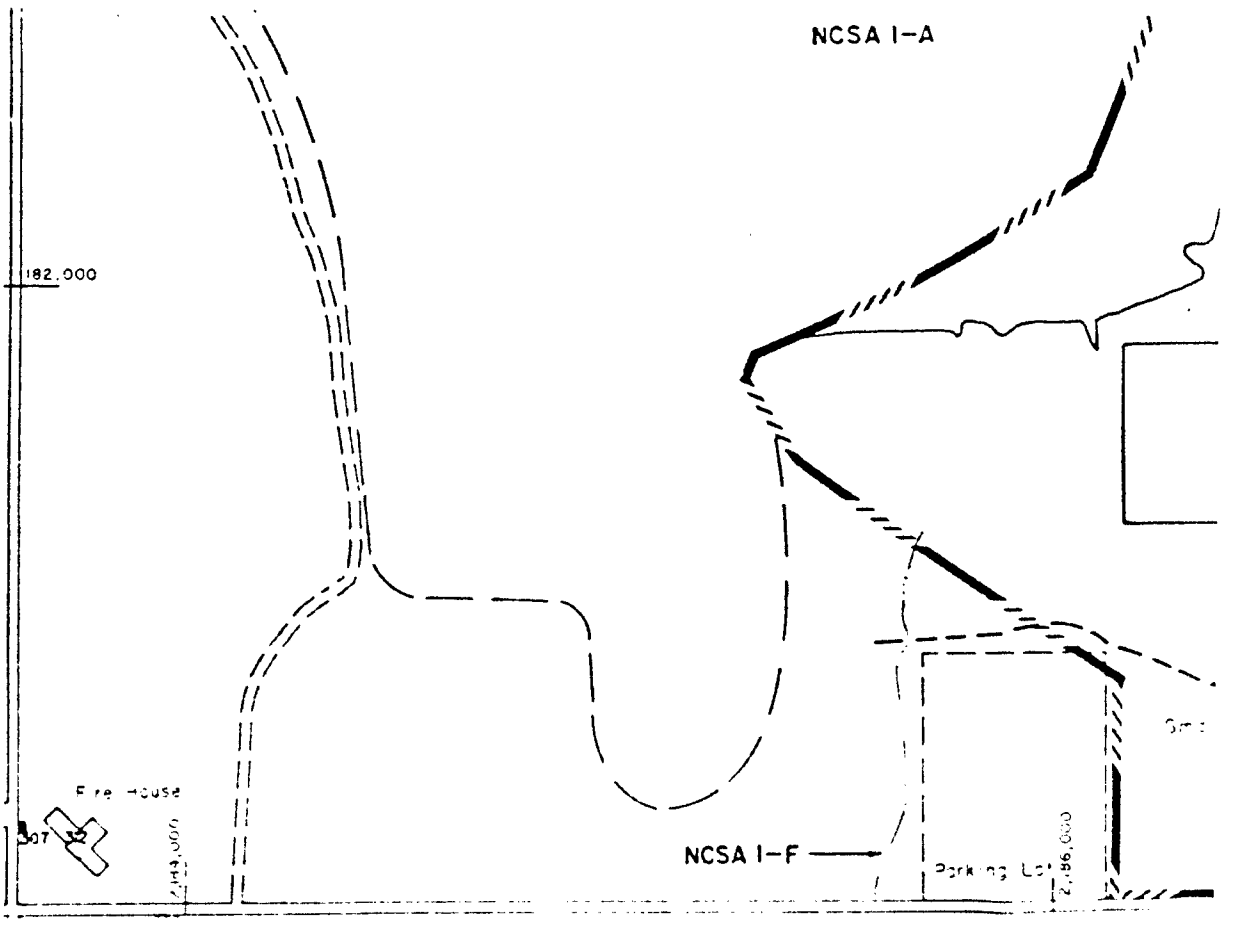


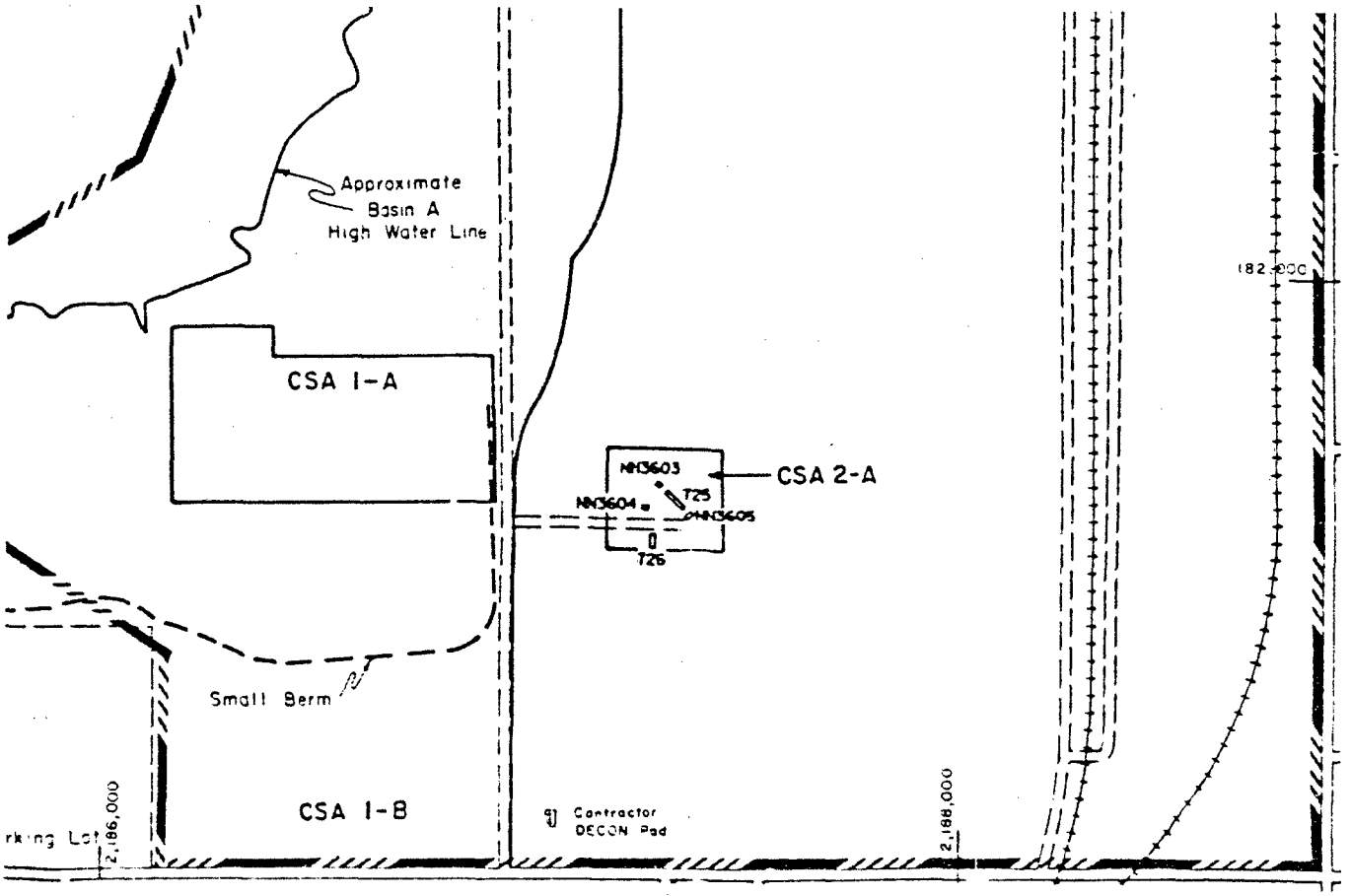
ROCKY MOUNTAIN ARSENAL
LOCATION

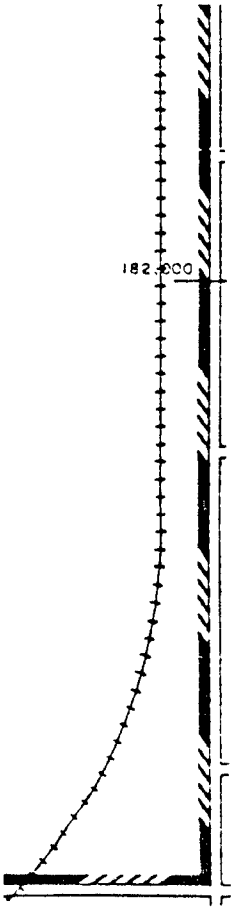


1" = 4 MILES

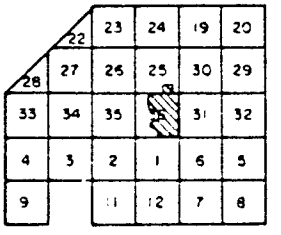



NCSA I-A
182,000
Fire House
NCSA I-F
Parking Lot

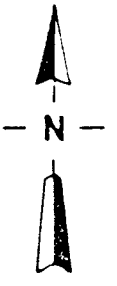

Approximate
Basin A
High Water Line
CSA 1-A
CSA 2-A
MW3603
MW3604
MW3605
T25
T26
Small Berm
CSA 1-B
Contractor
DECON Pad
2,186,000
2,186,000
182,000

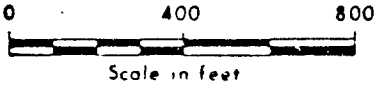


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





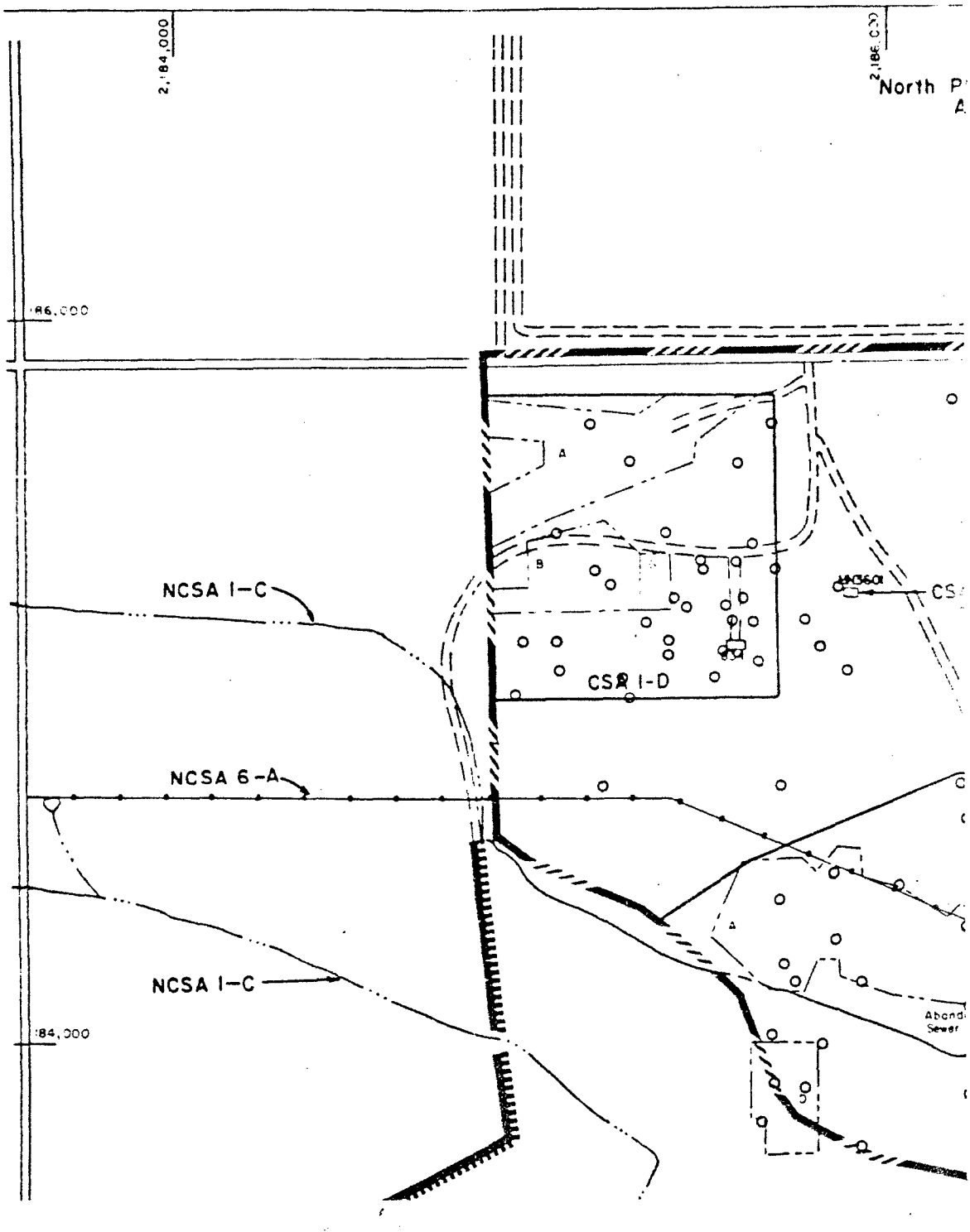
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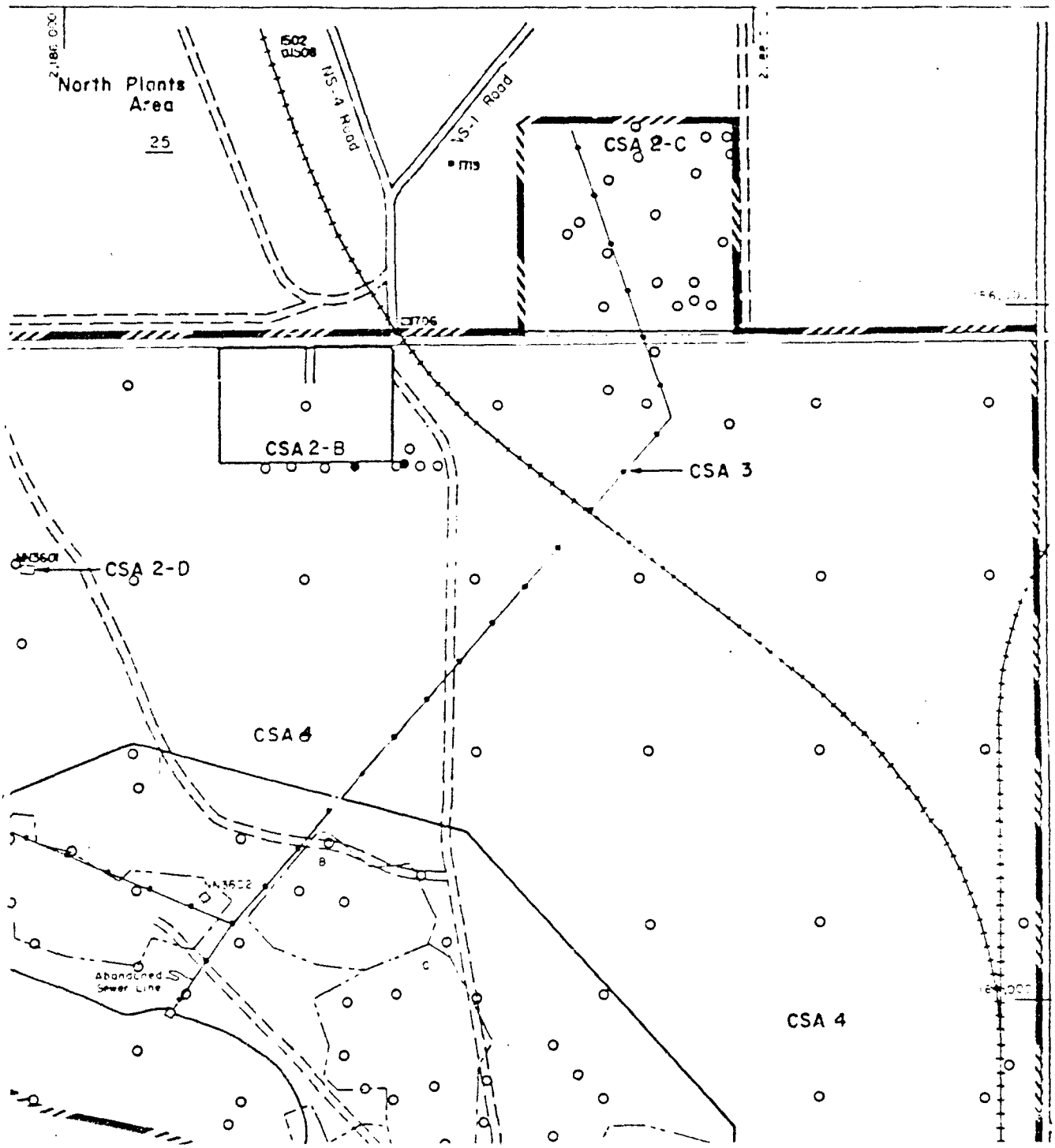
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

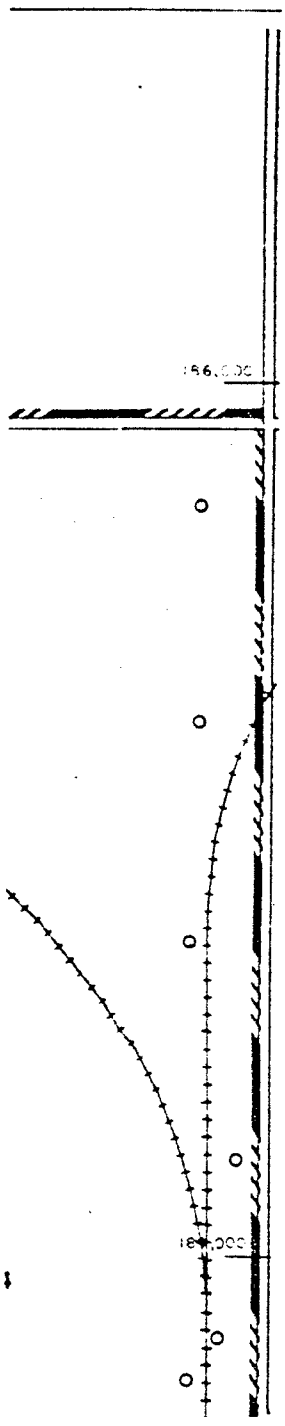
PLATE CSA 2.1-37

Fluoroacetic Acid in Soils
in the >20 ft. Interval

Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated


2,184,000
2,186,000
North P
A
186,000
184,000
NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C
A
B
Abandoned Sewer


North Plants
Area
25
US-1 Road
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4
Abandoned
Sewer Line

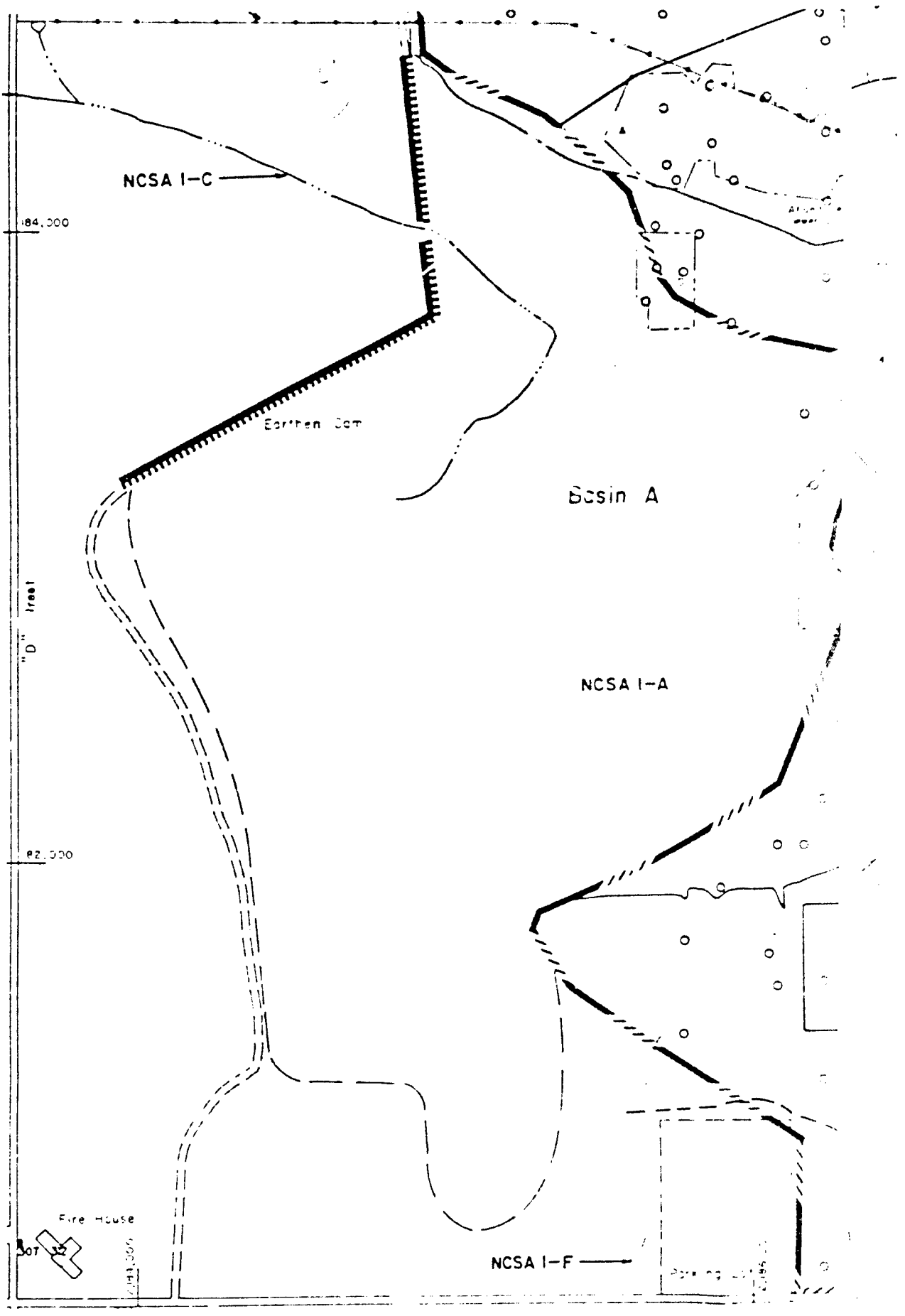


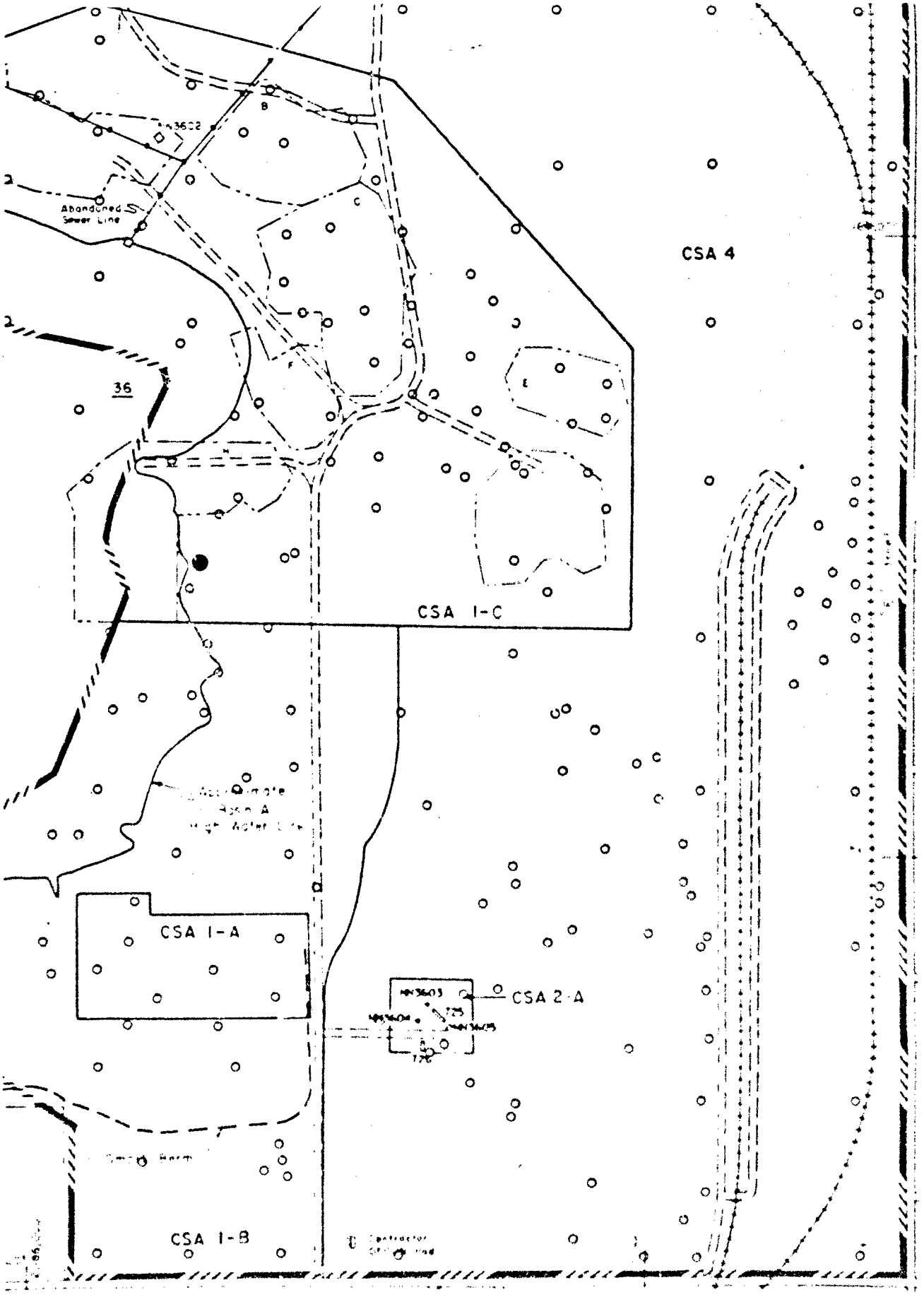
Legend

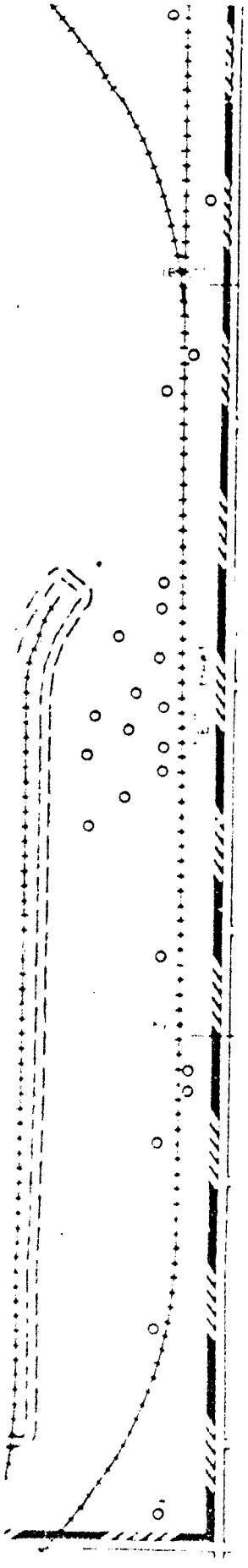
- Improved road
- Unimproved road
- Stream or ditch
- Shore line
- 9 — Section number
- 186,000 — State plane grid
- Structure
- Railroad tracks
- Former structure
- Central Study Area boundary
- Arsenal boundary
- CSA 1-C — Site boundary
- Sanitary sewer
- B — Geophysical anomoly
- Chemical sewer

ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

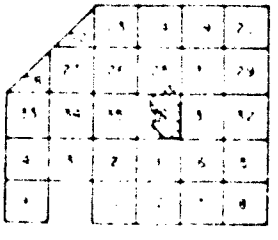
- o Below Certified Reporting Limit (BCRL)
- • 0.30 - 1.0
- ● 1.0 - 10
- ● 10 - 100
- ● >100


NCSA I-C
184,000
Earthen Dam
Basin A
"D" Trail
NCSA I-A
182,000
Fire House
NCSA I-F

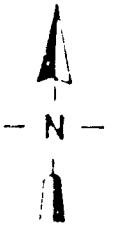

CSA 4
CSA 1-C
CSA 1-A
CSA 2-A
CSA 1-B
36
Abandoned Sewer Line

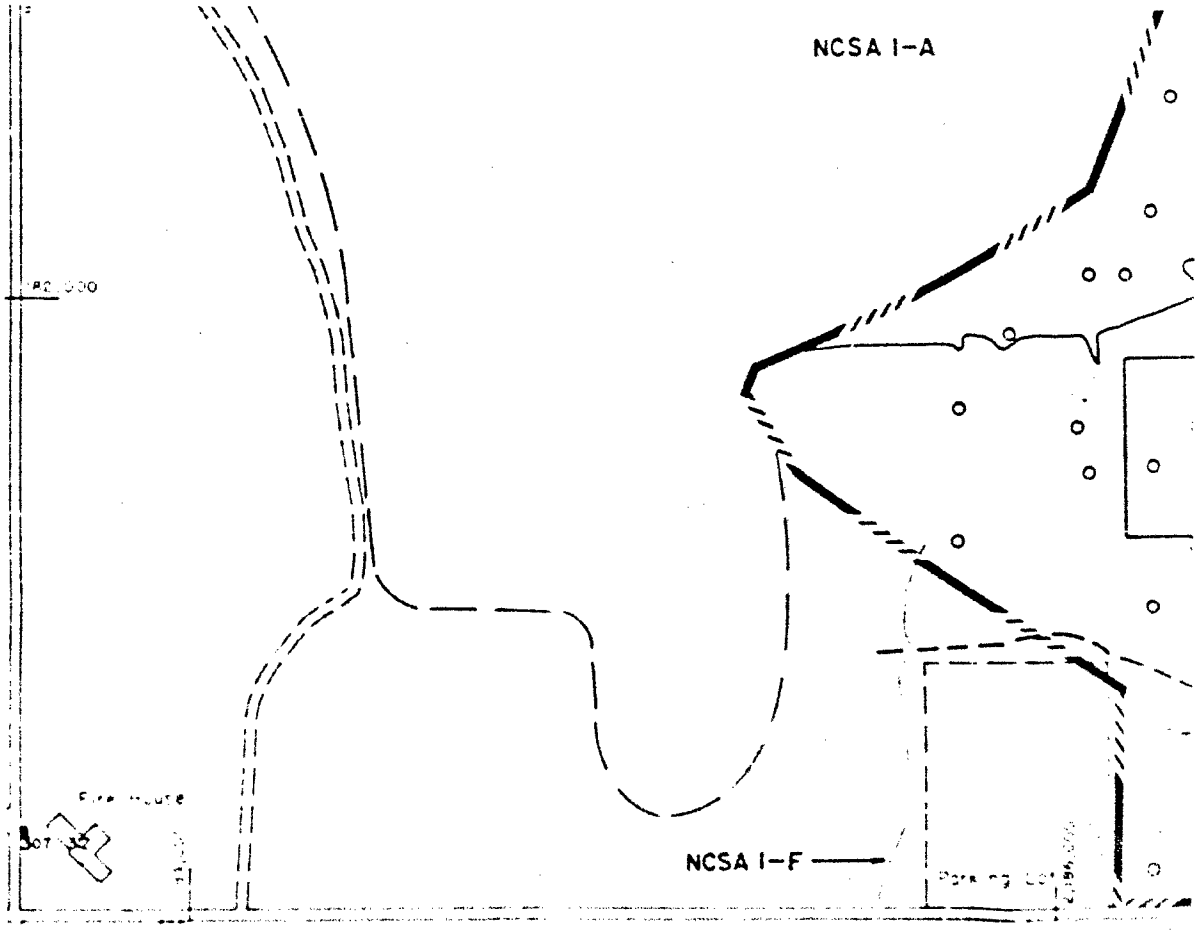


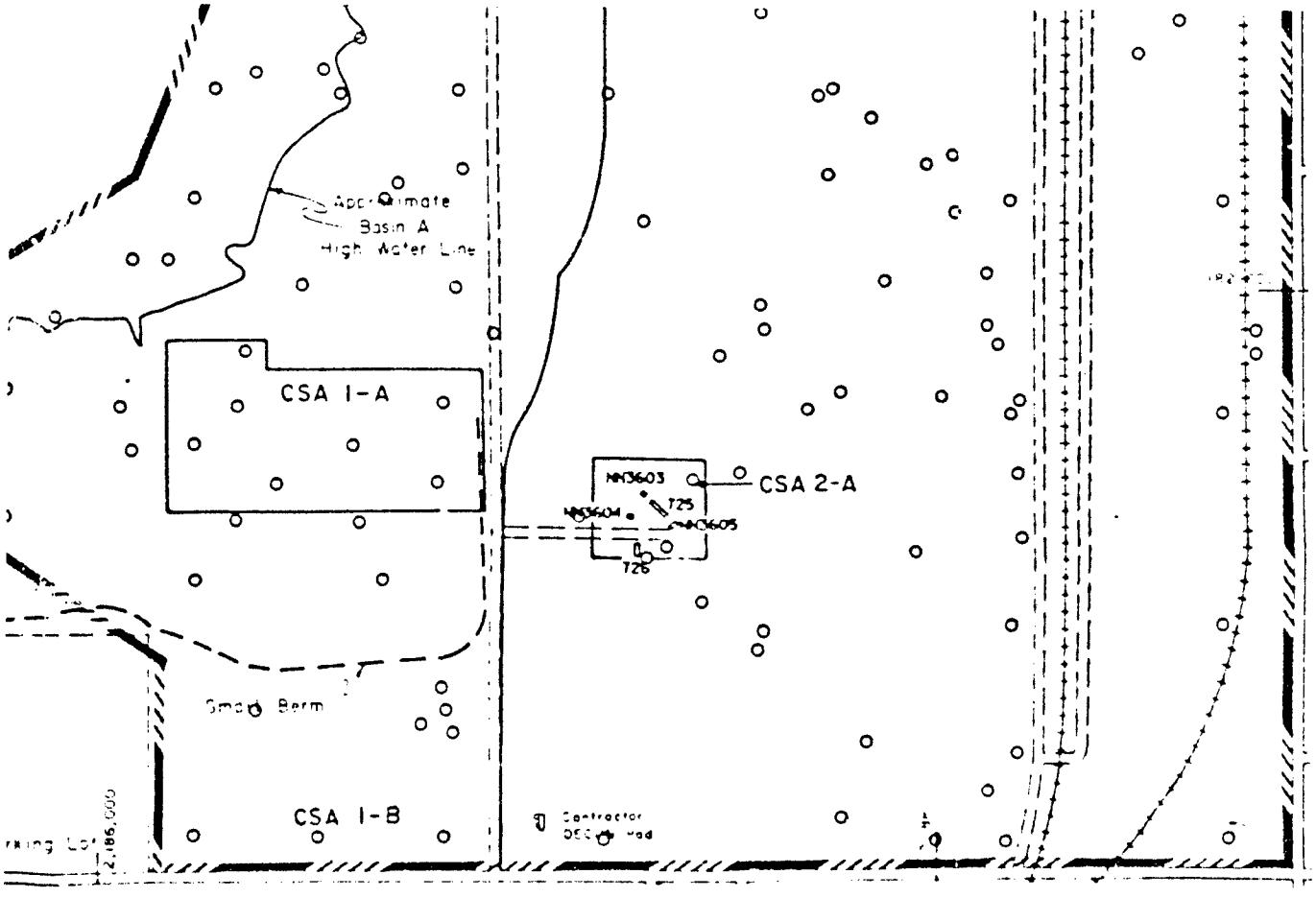
ROCKY MOUNTAIN ARSENAL
LOCATION

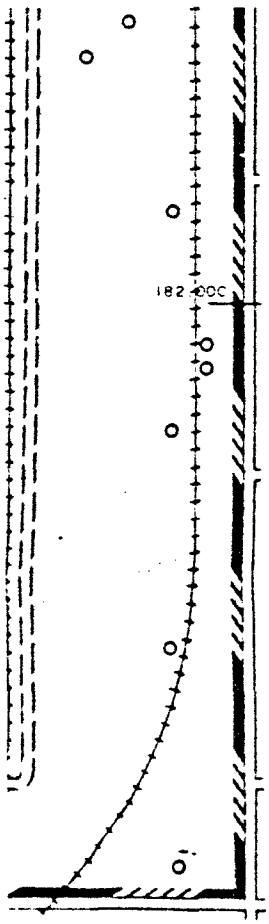


1" = 4 MILES

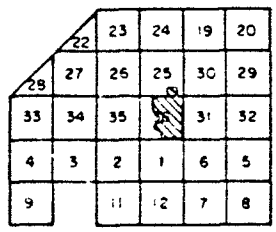



NCSA I-A
NCSA I-F

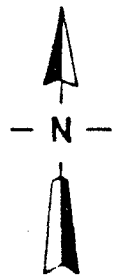

Approximate
Basin A
High Water Line
CSA 1-A
CSA 2-A
MW3603
725
MW3604
MW3605
726
Small Berm
CSA 1-B
Contractor

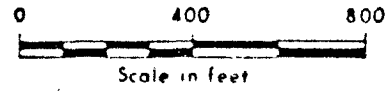


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





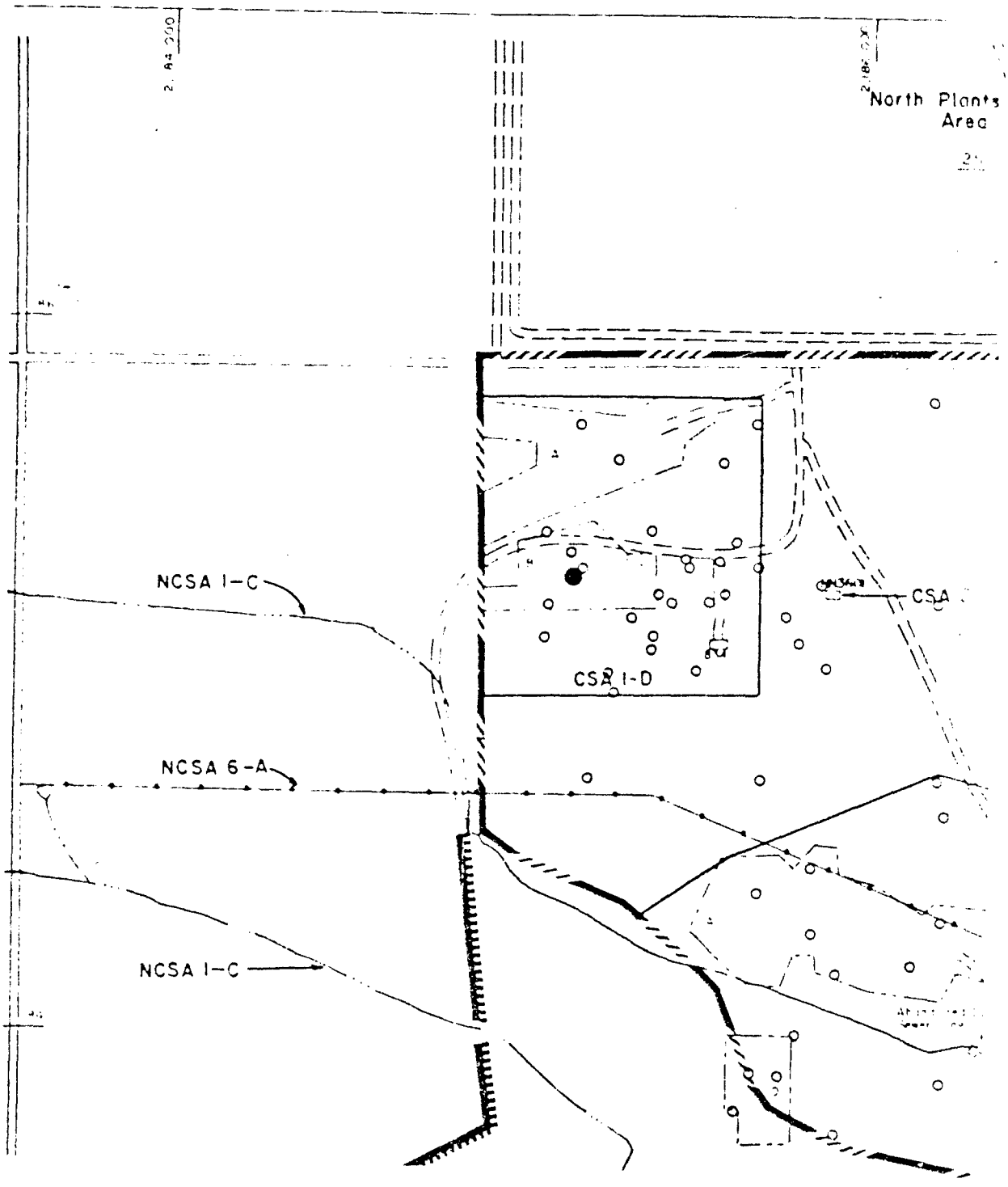
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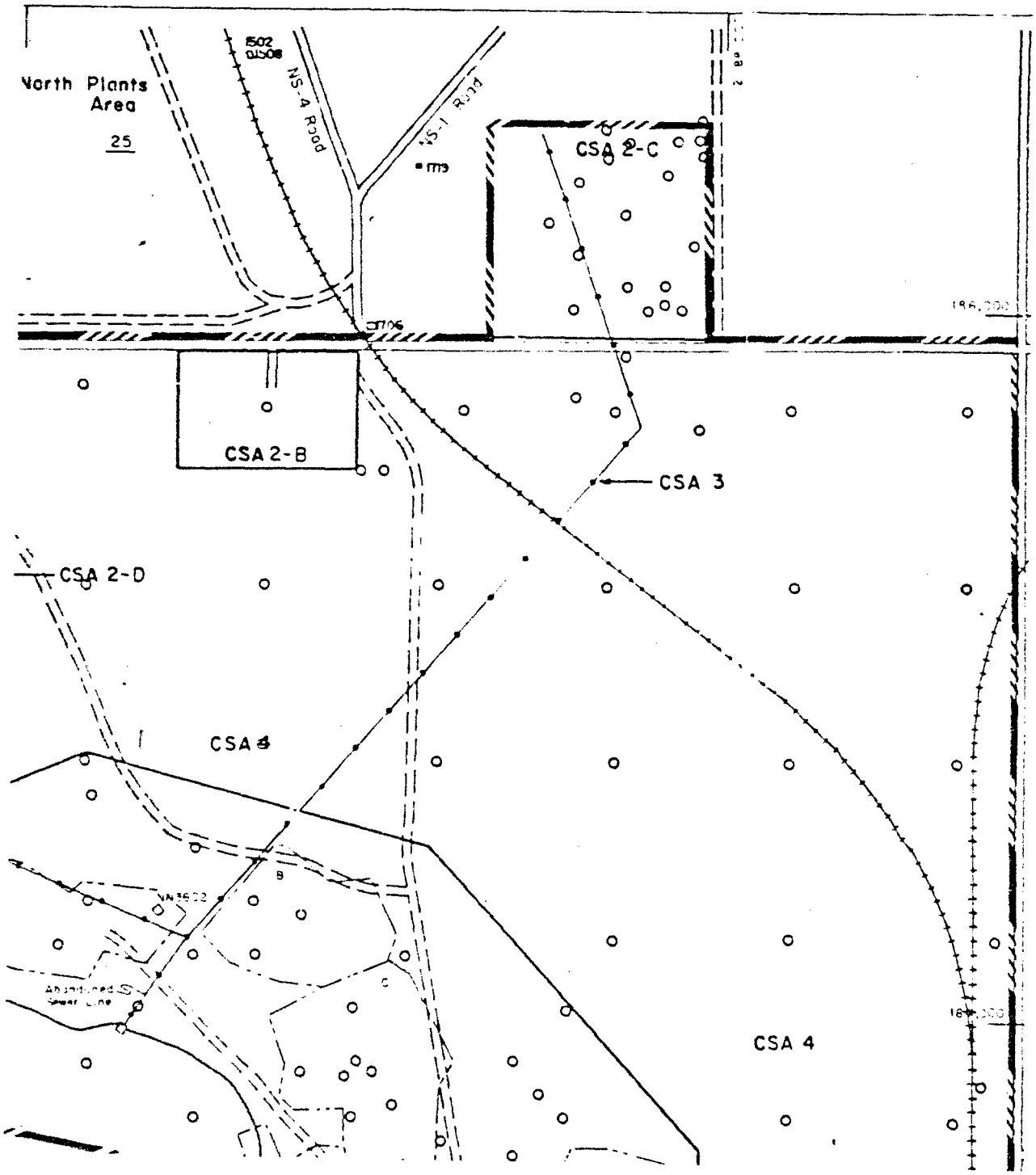
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

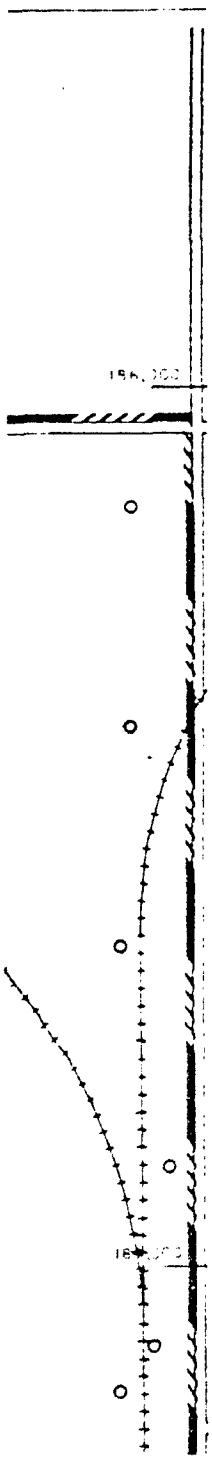
PLATE CSR 2.1-38

Polynuclear Aromatic Hydrocarbons
in Soils in the 0-2 ft. Interval

Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated


North Plants
Area
NCSA 1-C
CSA
CSA 1-D
NCSA 6-A
NCSA 1-C


North Plants Area
25
NS-4 Road
NS-1 Road
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4

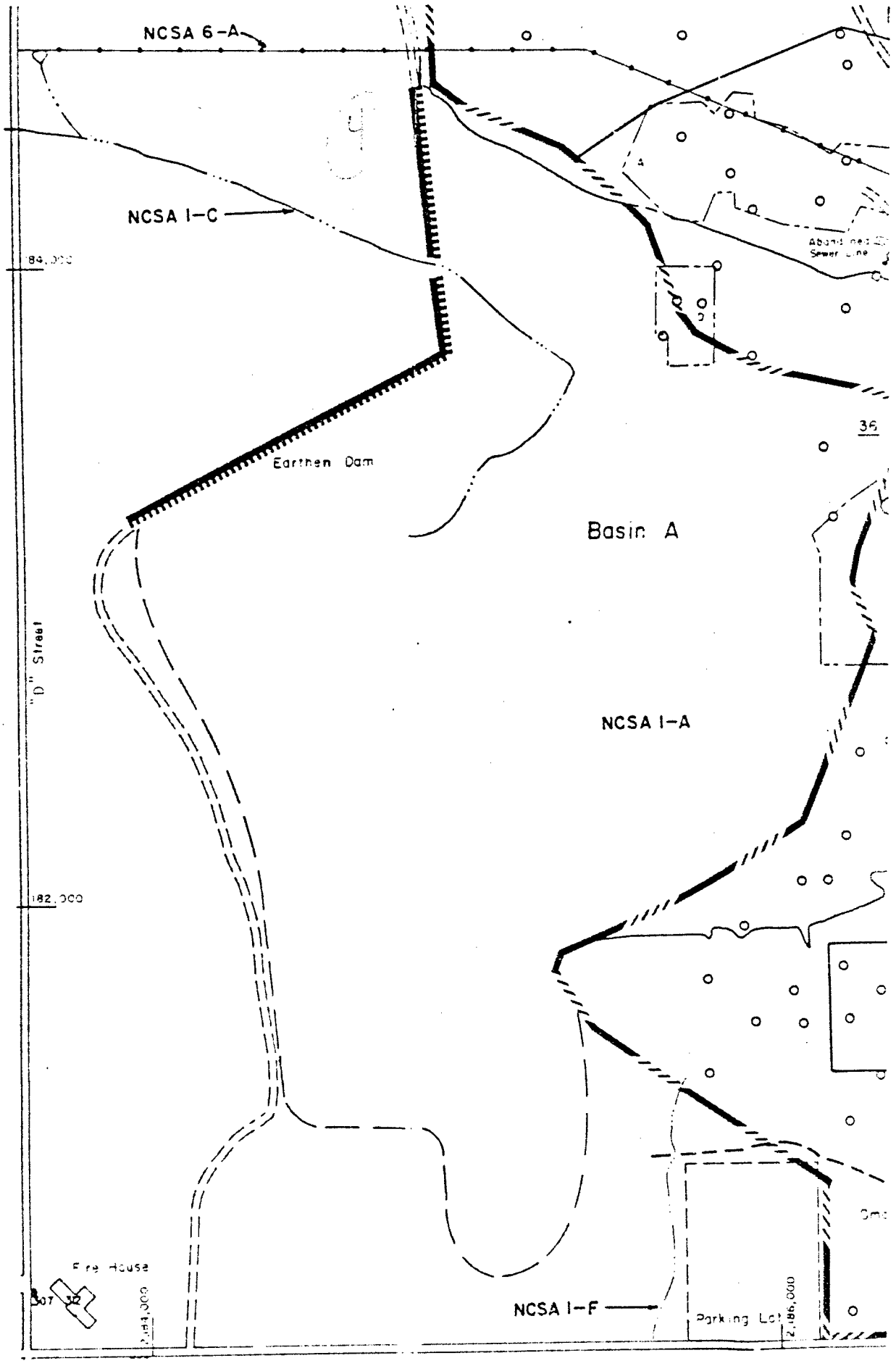


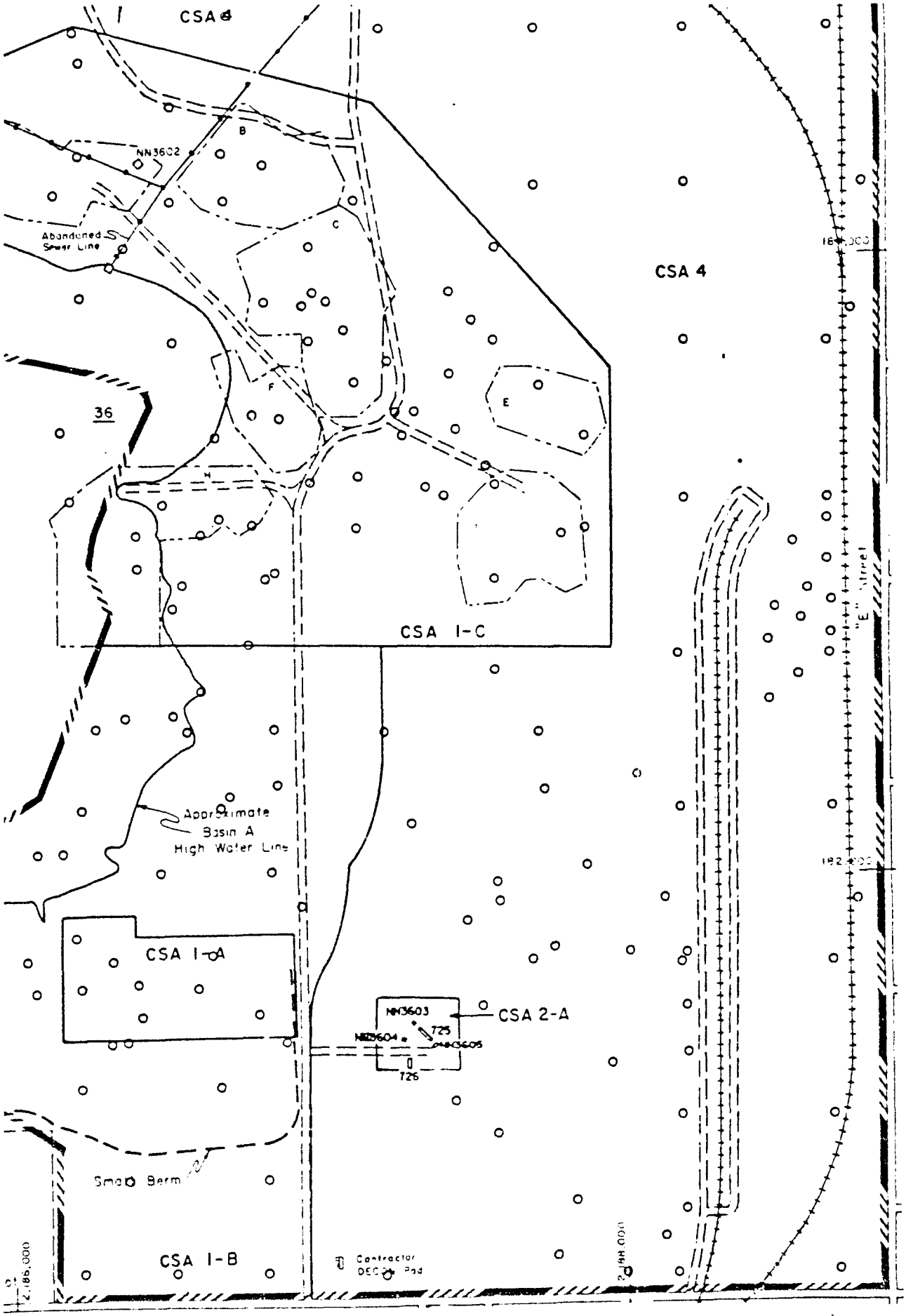
Legend

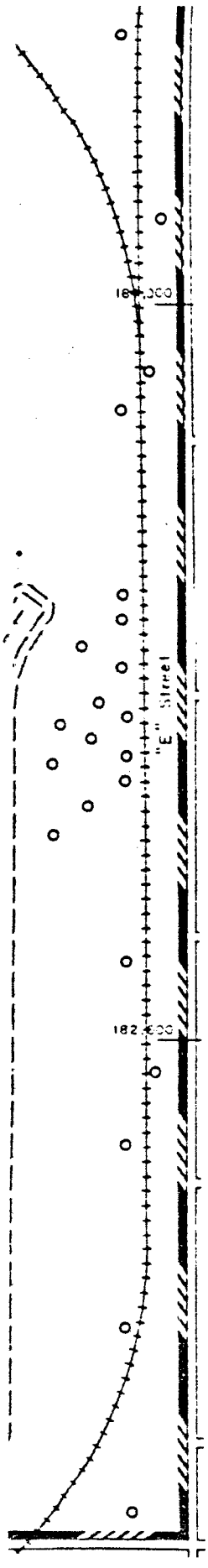
- Improved road
- Unimproved road
- Stream or ditch
- Shore line
- 9 — Section number
- 186,000 — State plane grid
- Structure
- Railroad tracks
- Former structure
- Central Study Area boundary
- Arsenal boundary
- CSA 1-C — Site boundary
- Sanitary sewer
- B — Geophysical anomaly
- Chemical sewer

ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

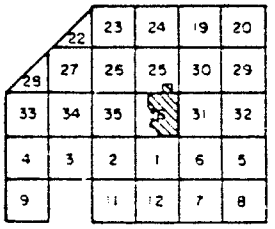
- Below Certified Reporting Limit (BCRL)
- 0.30 - 1.0
- 1.0 - 10
- 10 - 100
- >100


NCSA 6-A
NCSA 1-C
Earthen Dam
Basin A
"D" Street
NCSA 1-A
NCSA 1-F
Fire House
Parking Lot
36

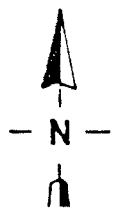

CSA 4
NN3602
B
C
Abandoned Sewer Line
CSA 4
36
F
E
CSA I-C
"E" Street
Approximate Basin A High Water Line
CSA I-A
NN3603
CSA 2-A
NN3604
725
726
Small Berm
CSA I-B
Contractor Pad

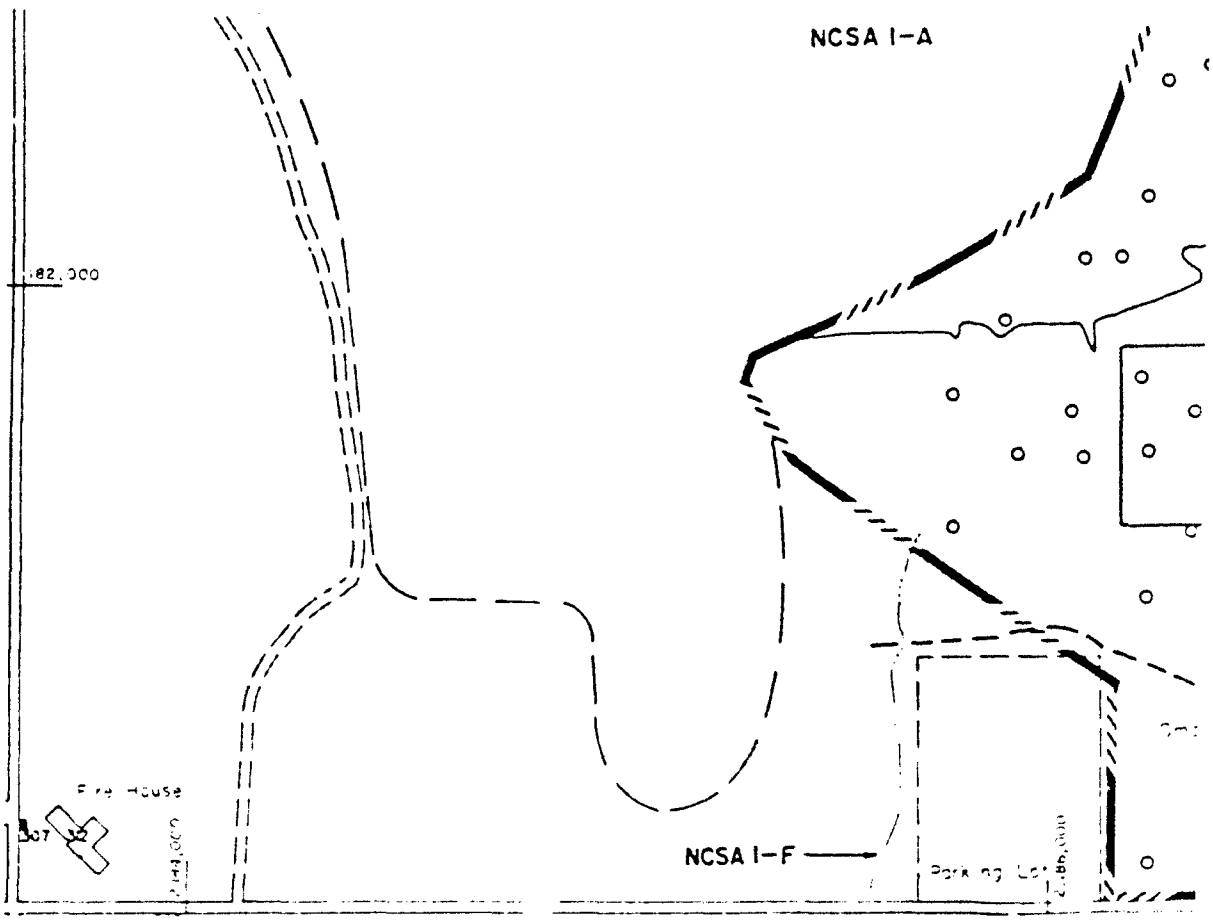


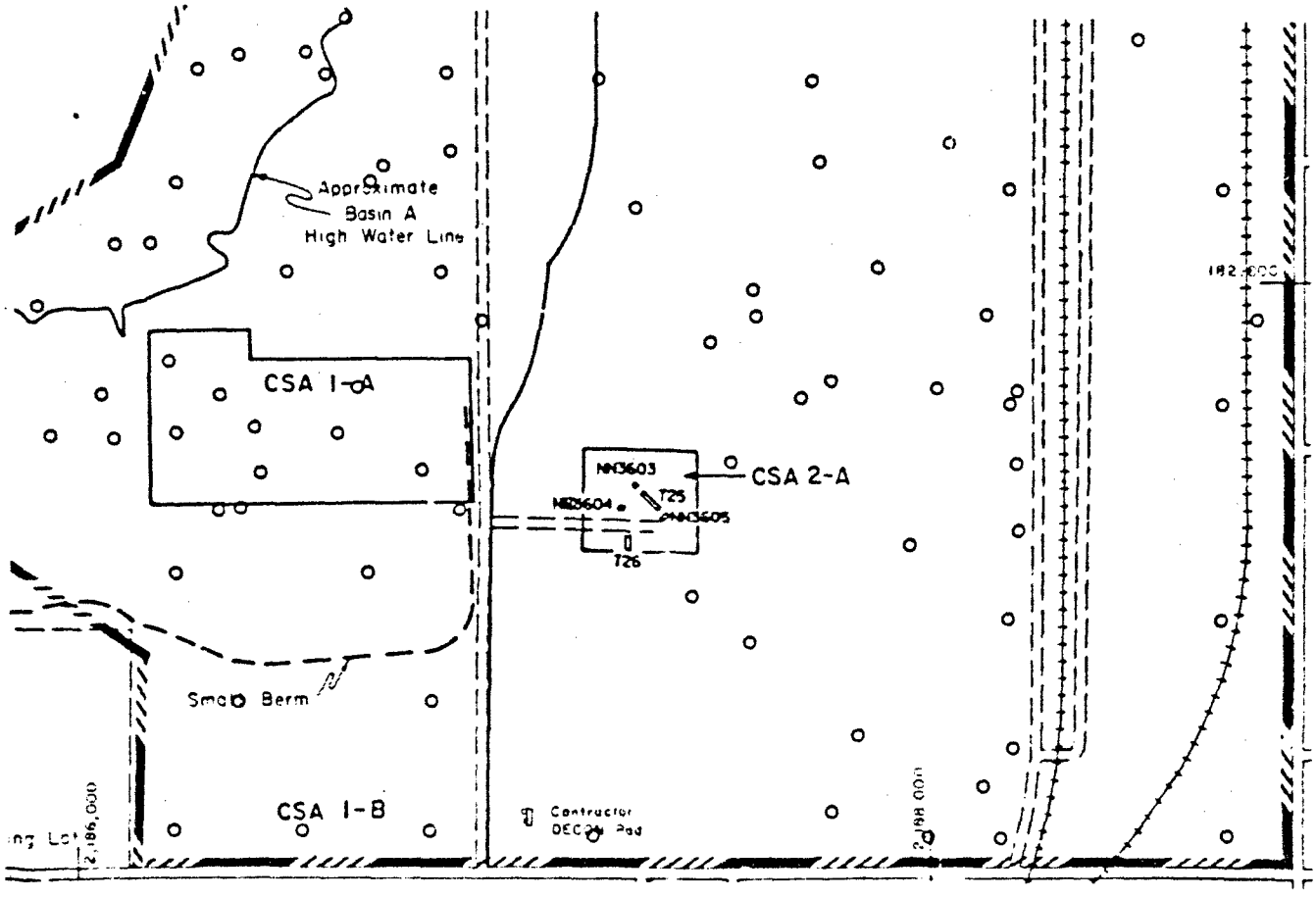
ROCKY MOUNTAIN ARSENAL
LOCATION

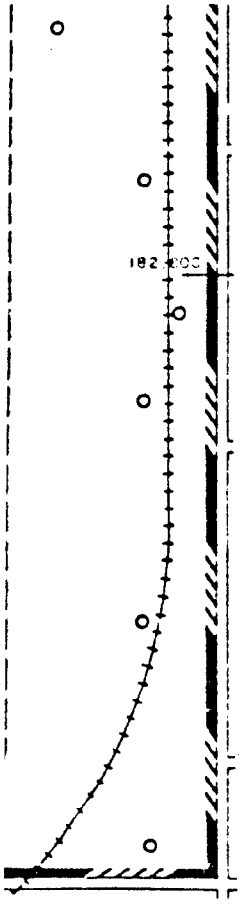


1" = 4 MILES

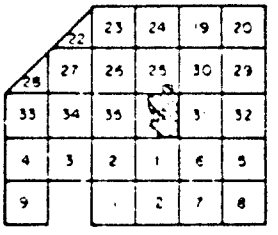



NCSA I-A
182,000
Fire House
NCSA I-F
Parking Lot


Approximate
Basin A
High Water Line
CSA 1-A
CSA 2-A
NM3603
T25
NM3604
NM3605
T26
Small Berm
CSA 1-B
Contractor
2,186,000
2,188,000

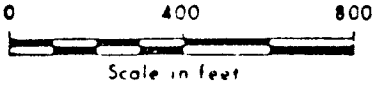


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





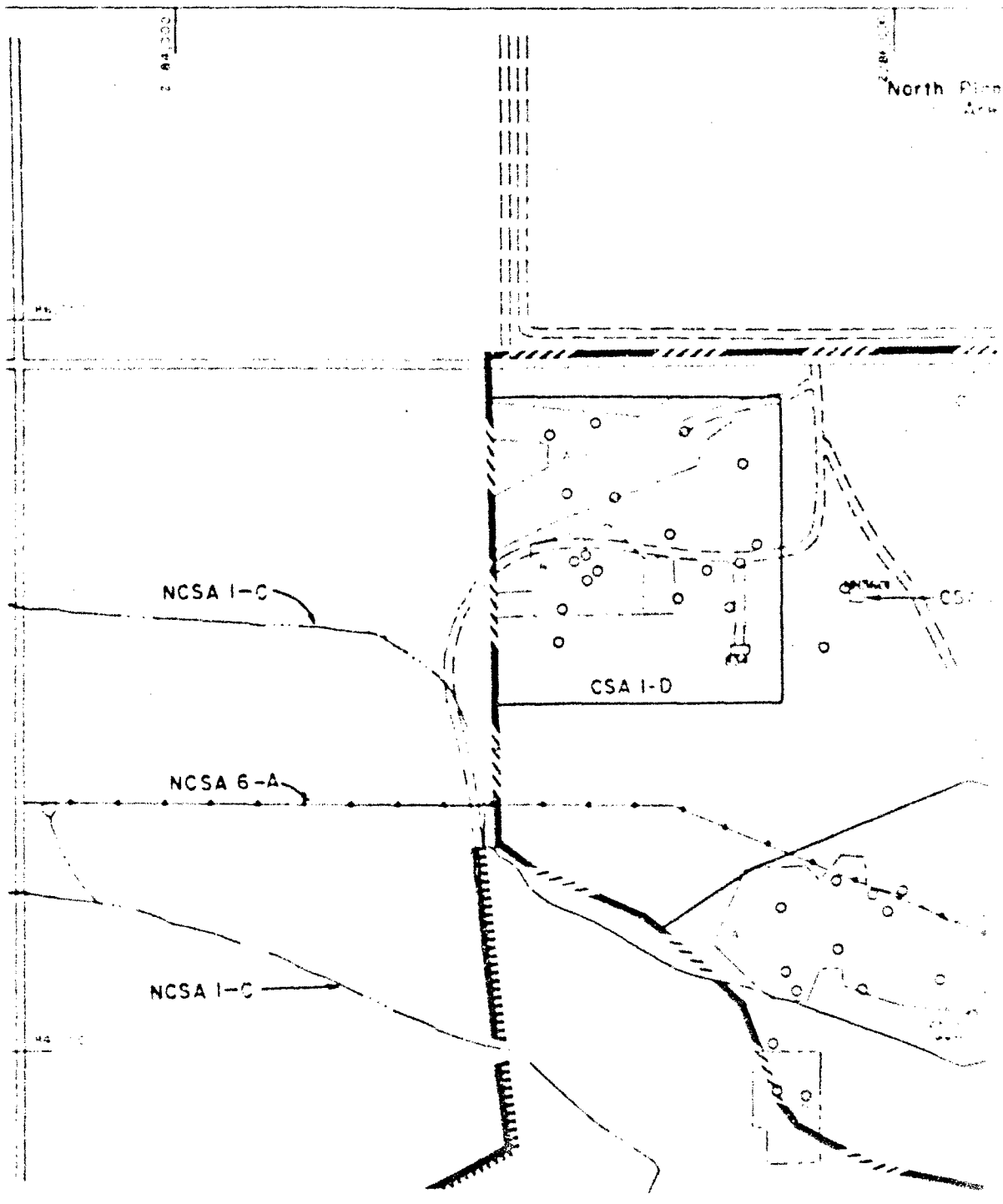
Prepared for:

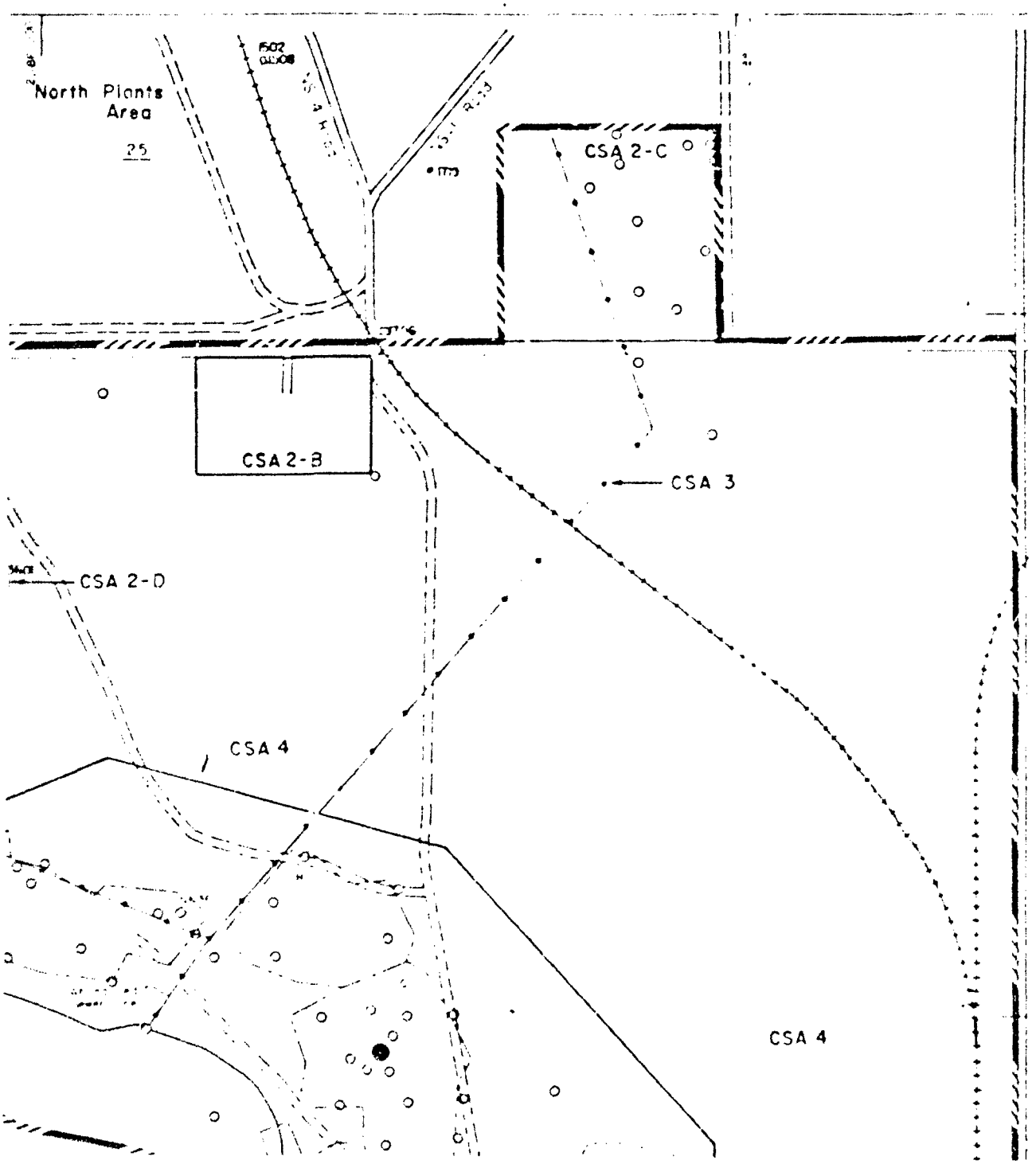
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

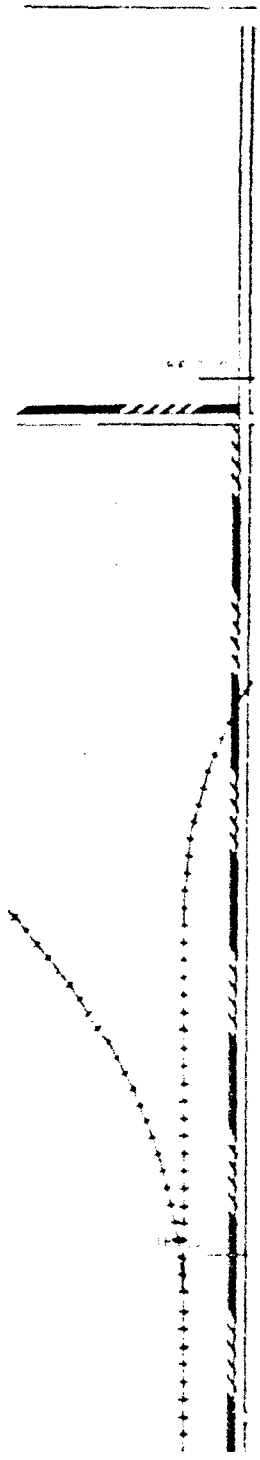
PLATE CSR 21-39

Polynuclear Aromatic Hydrocarbons
in Soils in the 2-5 ft Interval

Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated


North
NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C


North Plants Area
25
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4

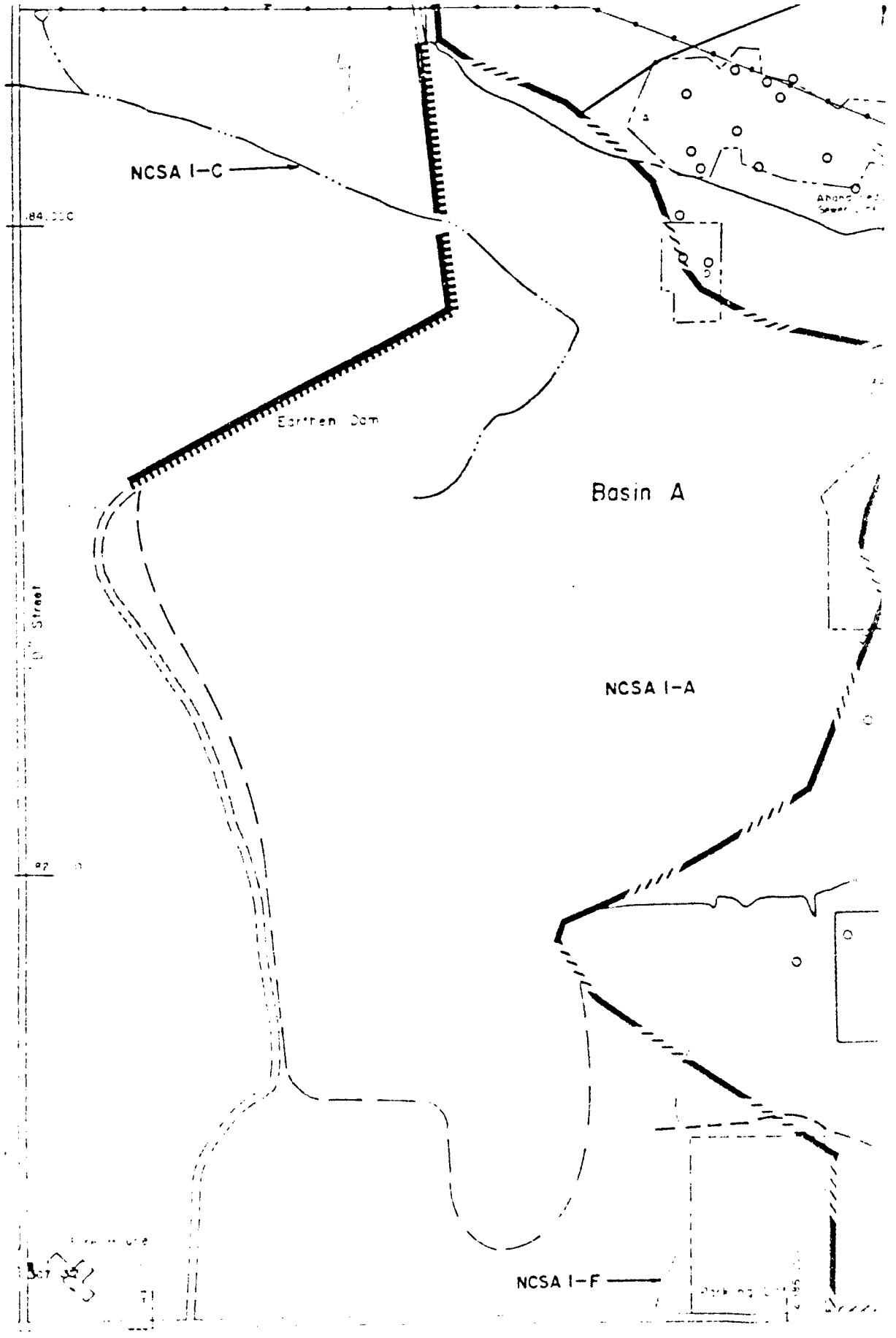


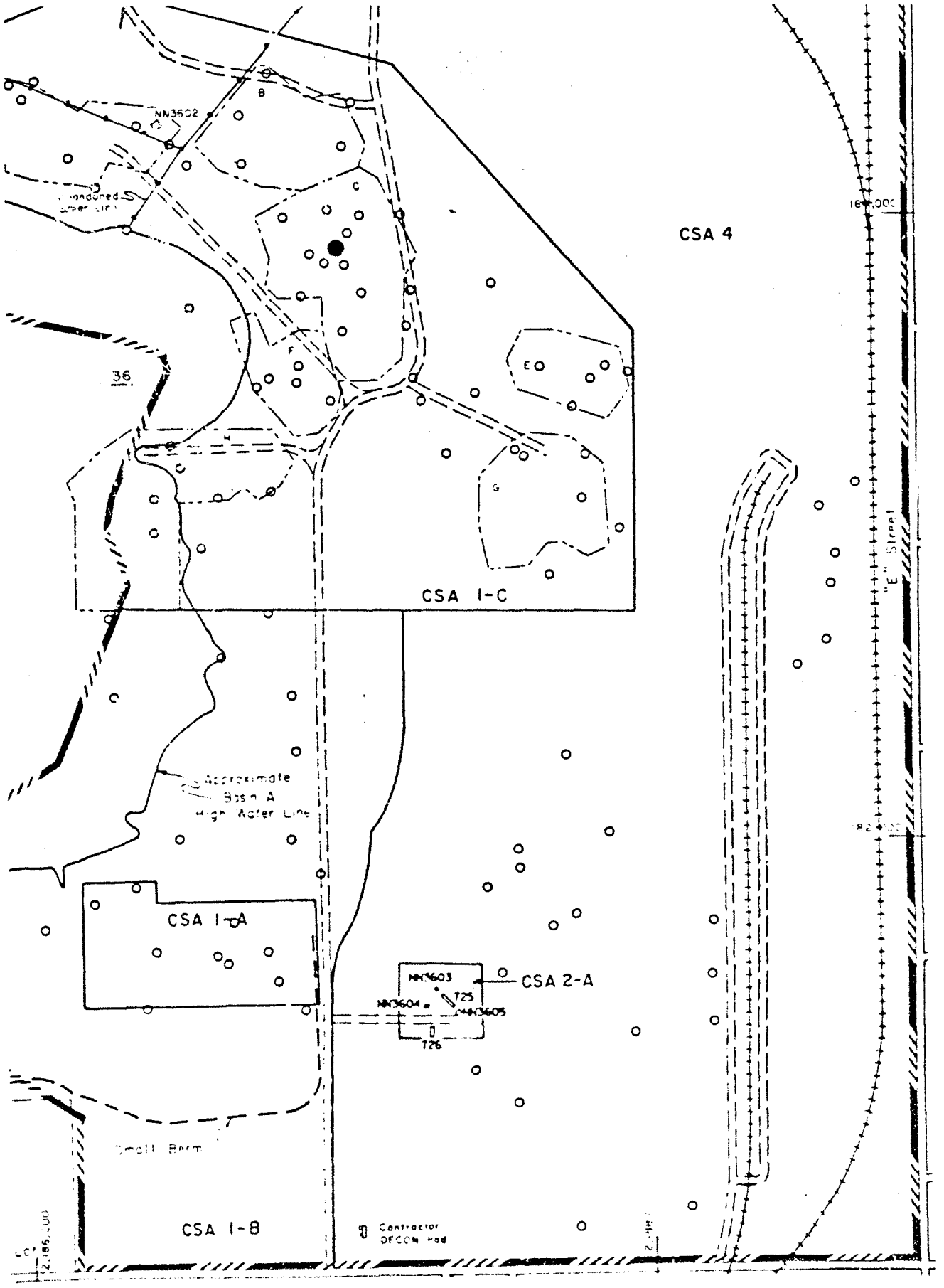
Legend

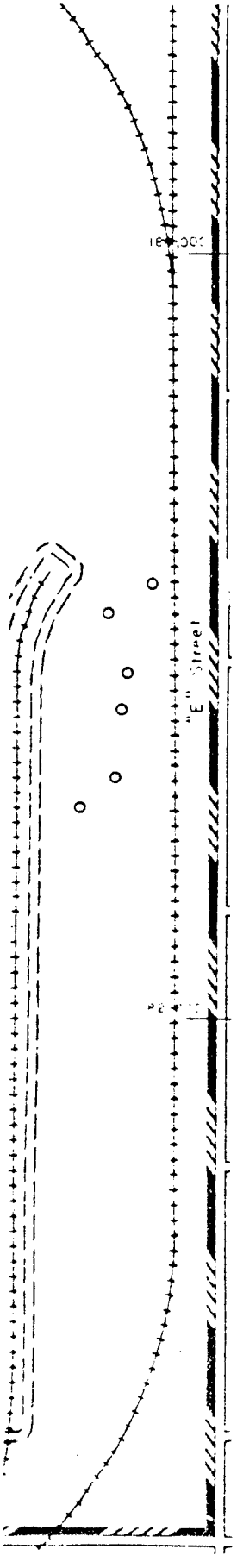
- Improved road
- Unimproved road
- Stream or ditch
- Shore line
- 9 — Section number
- 186,000 — State plane grid
- Structure
- Railroad tracks
- Former structure
- Central Study Area boundary
- Arsenal boundary
- CSA 1-C — Site boundary
- Sanitary sewer
- B — Geophysical anomoly
- Chemical sewer

ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

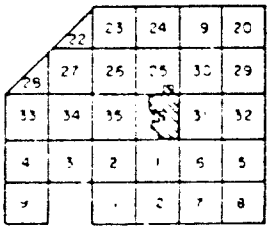
- o Below Certified Reporting Limit (BCRL)
- • 0.30 - 1.0
- ● 1.0 - 10
- ● 10 - 100
- ● >100


NCSA I-C
Earthen Dam
Basin A
NCSA I-A
NCSA I-F


CSA 4
CSA 1-C
CSA 1-A
CSA 1-B
CSA 2-A
NN3602
NN3603
NN3604
NN3605
725
726
36
B
C
D
E
F
G
H
"E" Street
Approximate
Basin A
High Water Line
Small Berm
Contractor
DFCON Pad

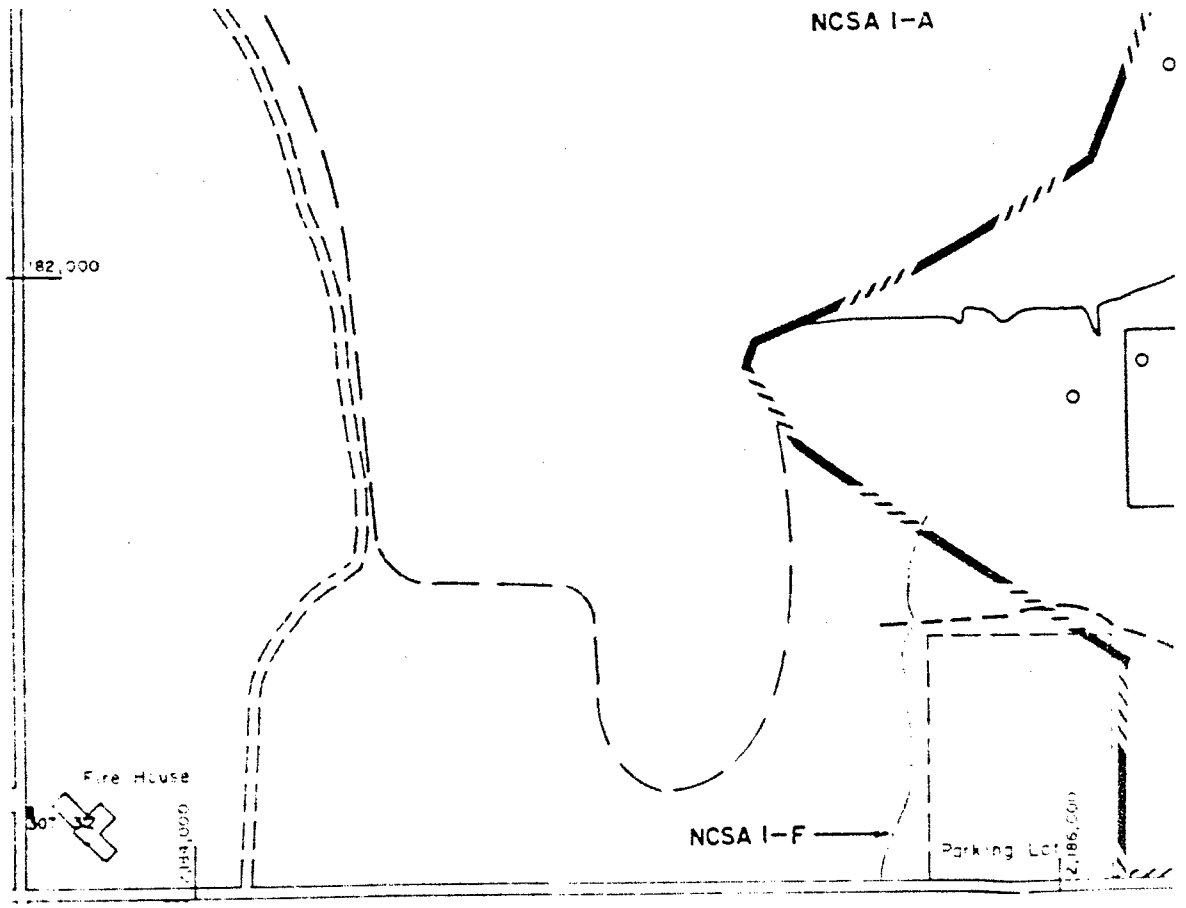


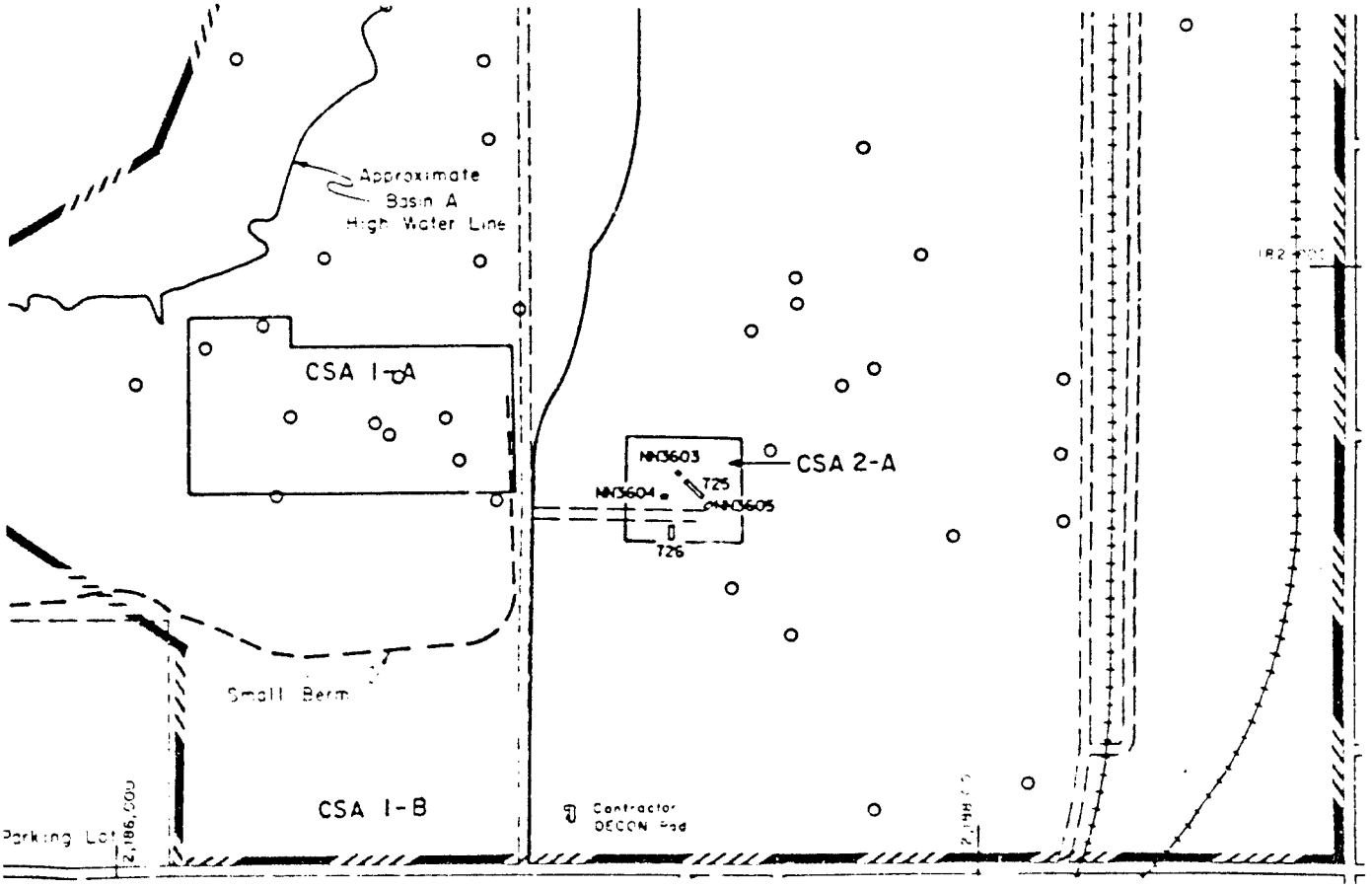
ROCKY MOUNTAIN ARSENAL
LOCATION

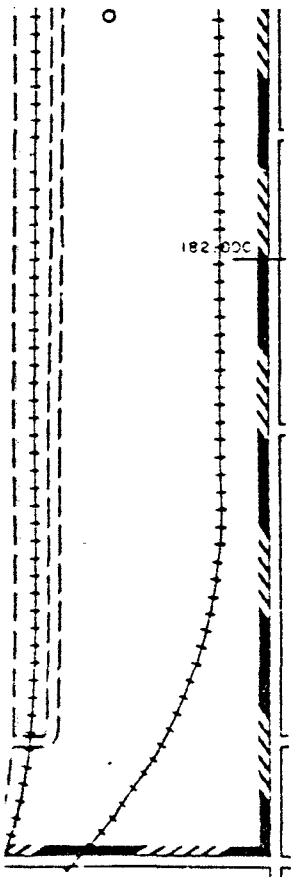


1" = 4 MILES

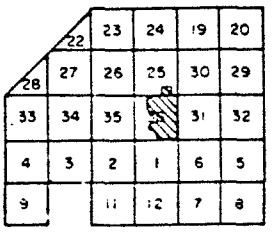



NCSA I-A
182,000
Fire House
NCSA I-F
Parking Lot

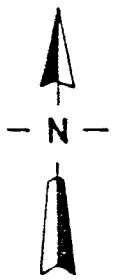

Approximate
Basin A
High Water Line
CSA 1-A
CSA 1-B
CSA 2-A
NN3603
NN3604
NN3605
725
726
Small Berm
Parking Lot
Contractor
DECON Pad

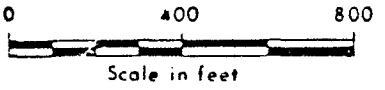


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





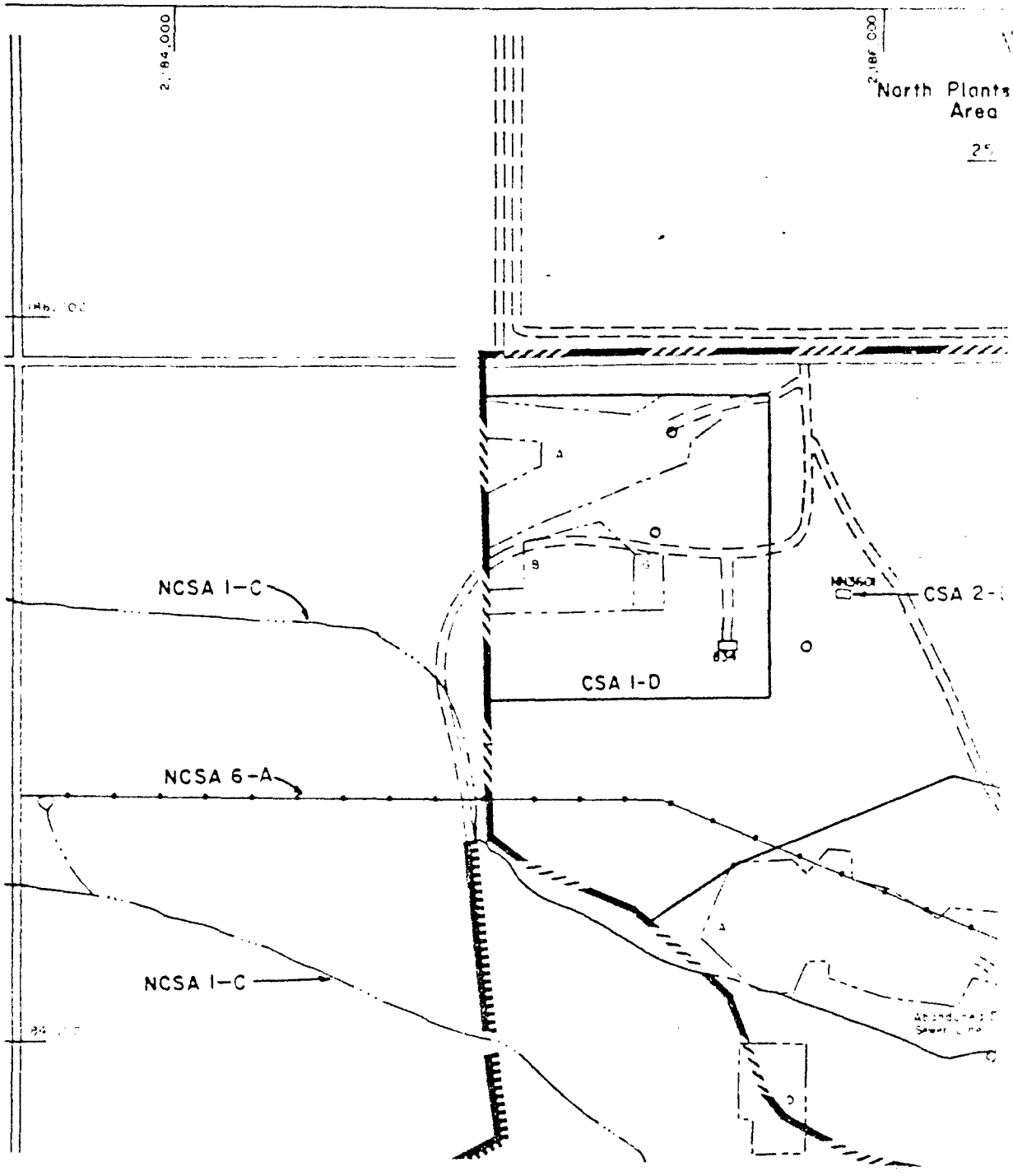
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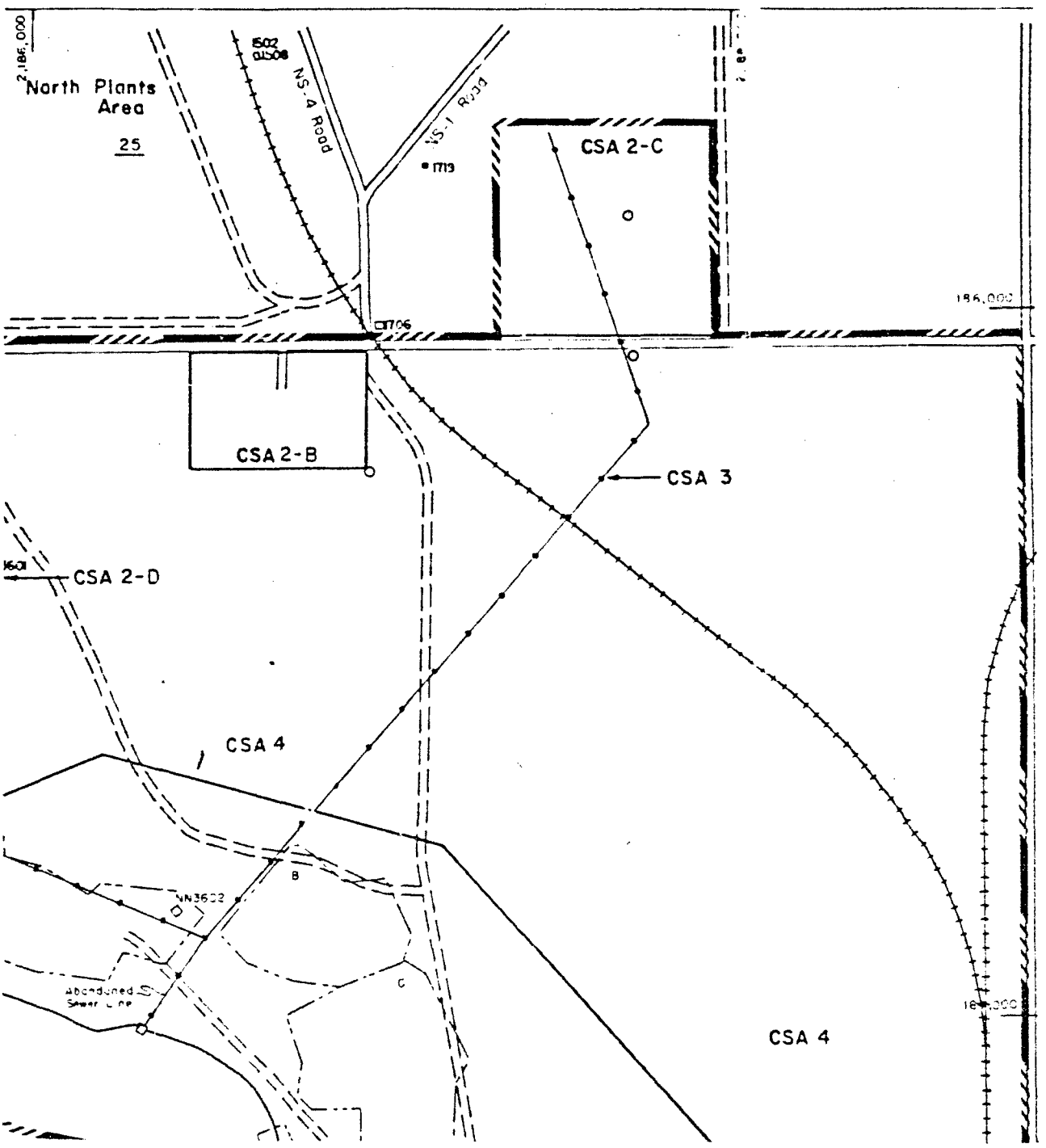
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

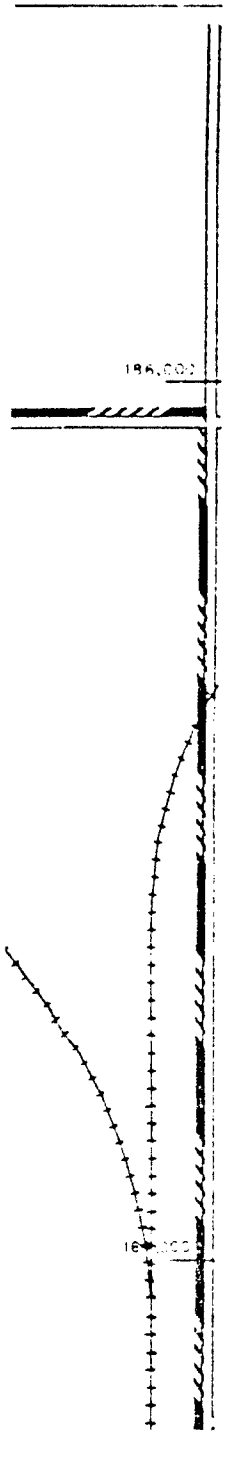
PLATE CSR 2.1-40

Polynuclear Aromatic Hydrocarbons
in Soils in the 5-20 ft. Interval

Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated


North Plants
Area
NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C


2,186,000
North Plants Area
25
NS-4 Road
NS-1 Road
1713
CSA 2-C
186,000
CSA 2-B
CSA 3
CSA 2-D
CSA 4
B
C
Abandoned Sewer Line
CSA 4

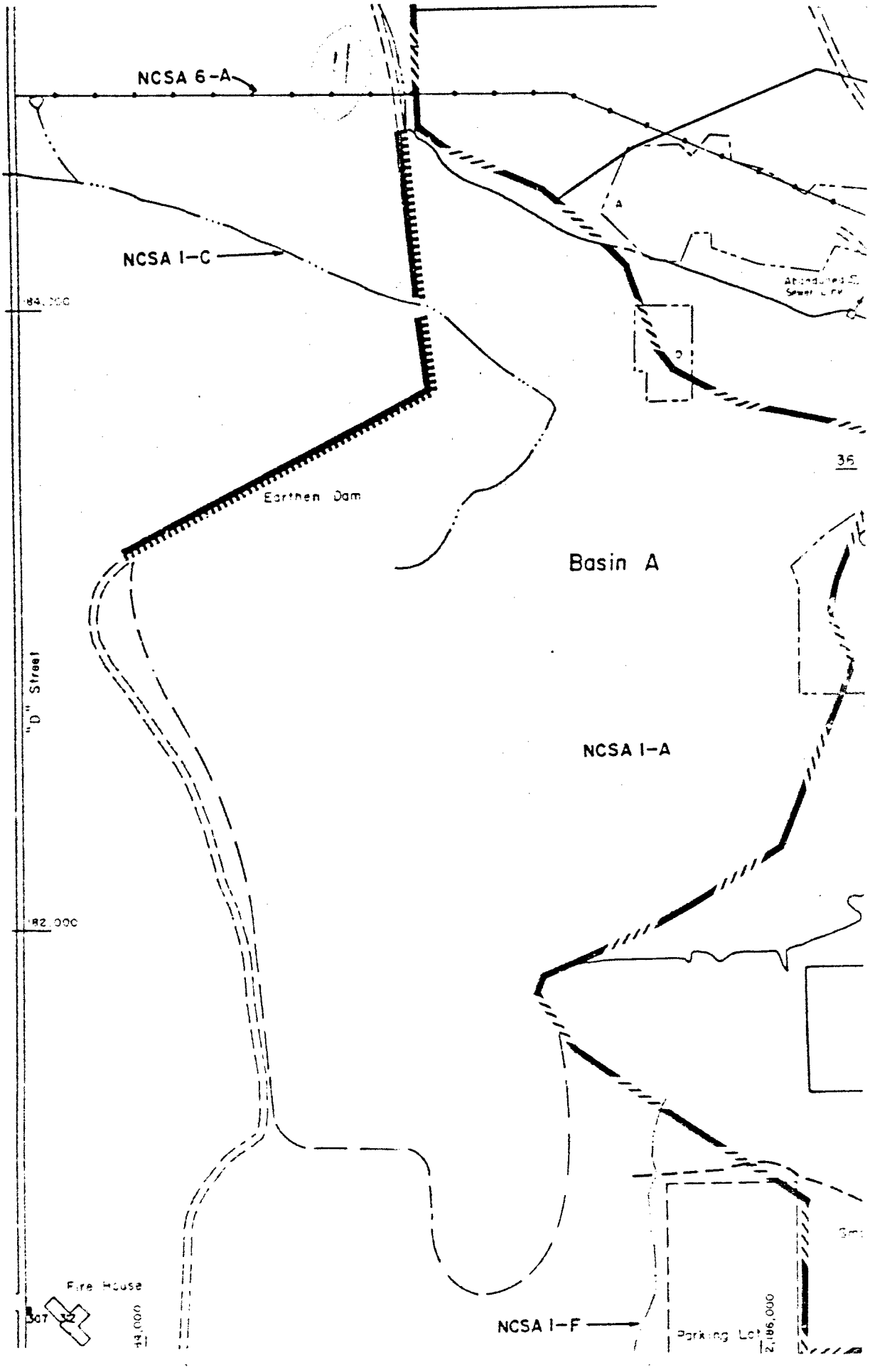


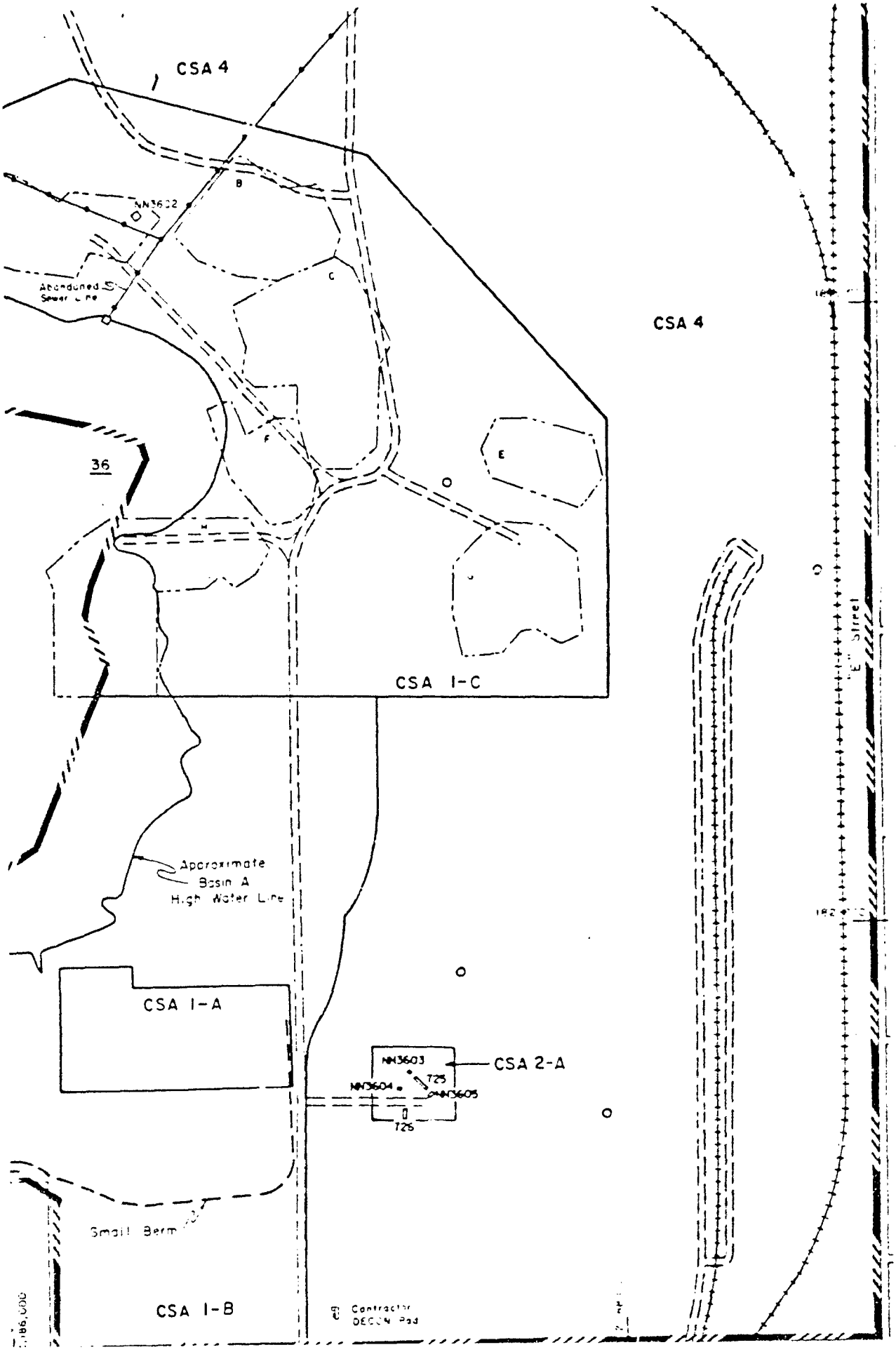
Legend

Improved road	Unimproved road
Stream or ditch	Shore line
	9 Section number
186,000 State plane grid	Structure
Railroad tracks	Former structure
Central Study Area boundary	Arsenal boundary
CSA 1-C Site boundary	Sanitary sewer
8 Geophysical anomaly	Chemical sewer

ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

- o Below Certified Reporting Limit (BCRL)
- ● 0.30 - 1.0
- ● 1.0 - 10
- ● 10 - 100
- ● >100

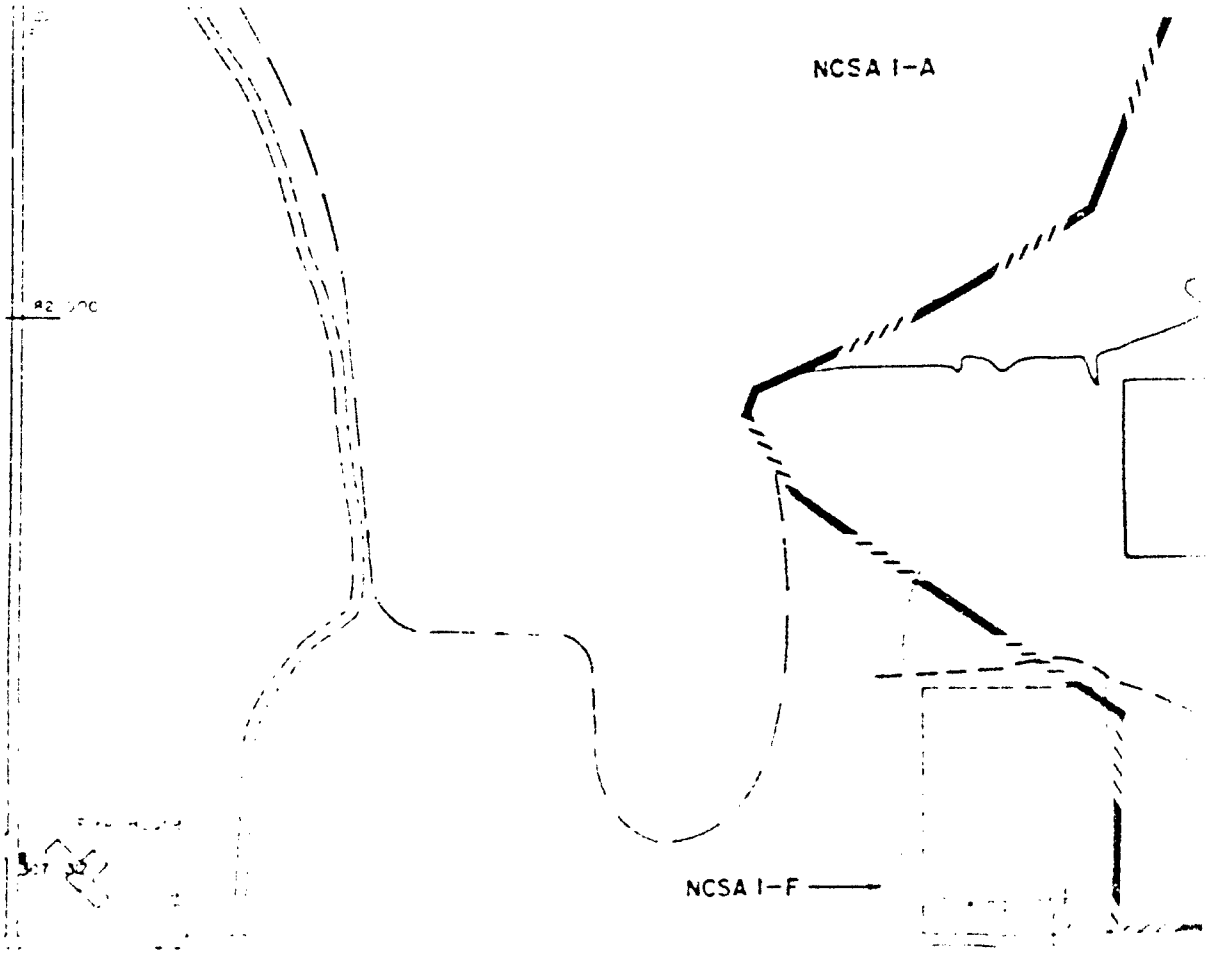

NCSA 6-A
NCSA 1-C
Earthen Dam
Basin A
"D" Street
NCSA 1-A
NCSA 1-F
Fire House
Parking Lot
36

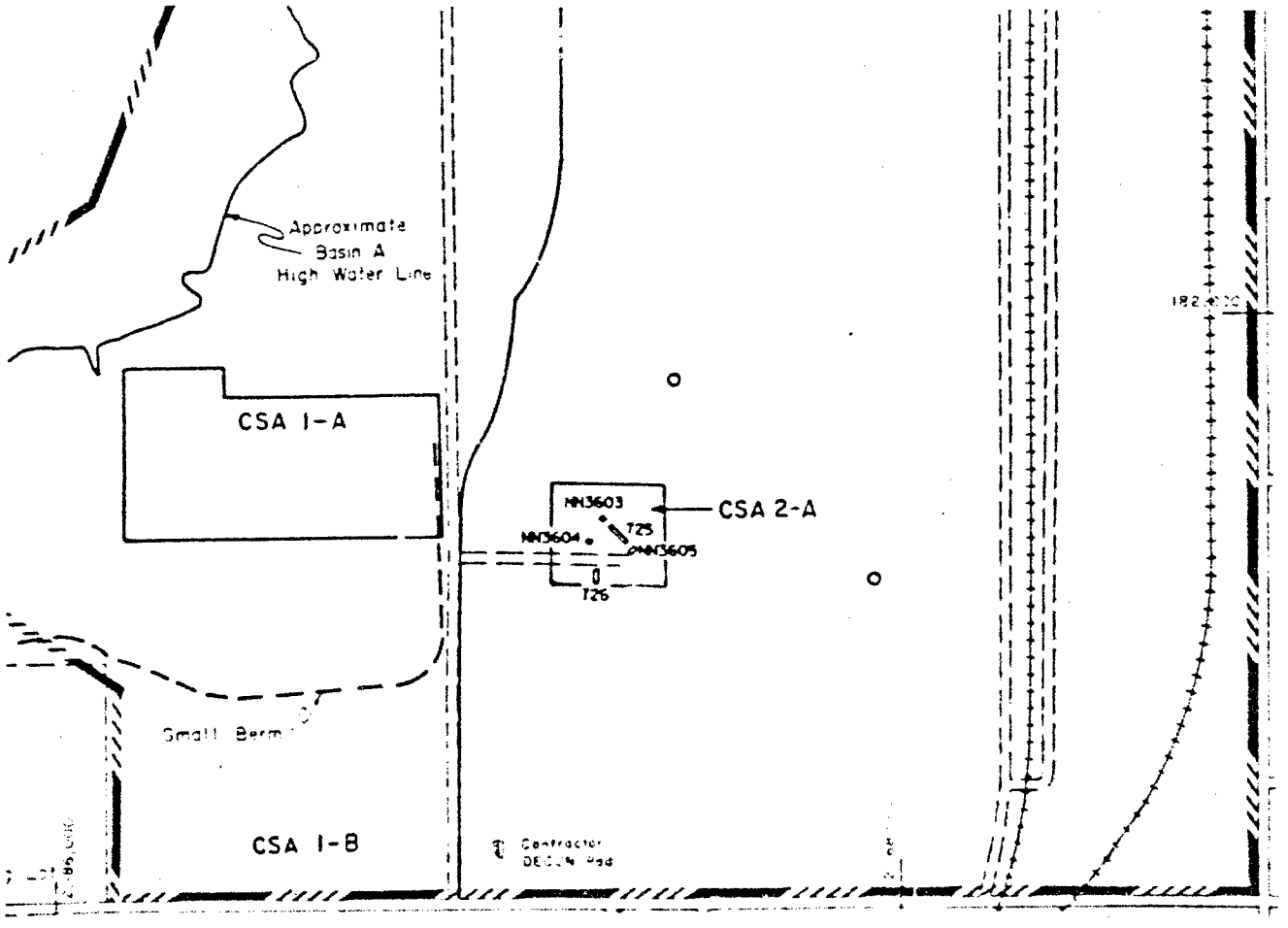

CSA 4
NN3602
B
C
Abandoned Sewer Line
CSA 4
36
E
F
CSA I-C
Approximate Basin A High Water Line
CSA I-A
NN3603
CSA 2-A
NN3604
725
NN3605
726
Small Berm
CSA I-B
Contractor DECON Pad

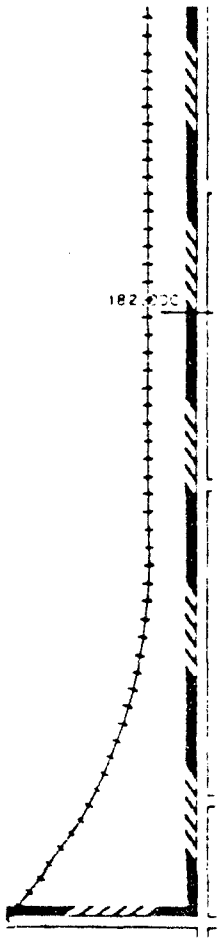
ROCKY MOUNTAIN ARSENAL
LOCATION

1" = 4 MILES

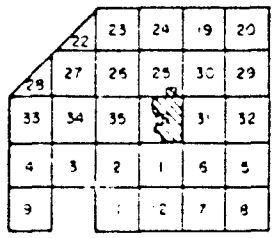
— N —


NCSA I-A
NCSA I-F

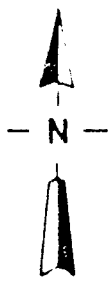

Approximate
Basin A
High Water Line
CSA 1-A
CSA 2-A
MW3603
MW3604
MW3605
725
726
Small Berm
CSA 1-B

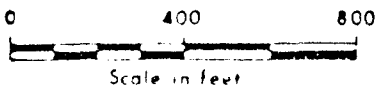


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





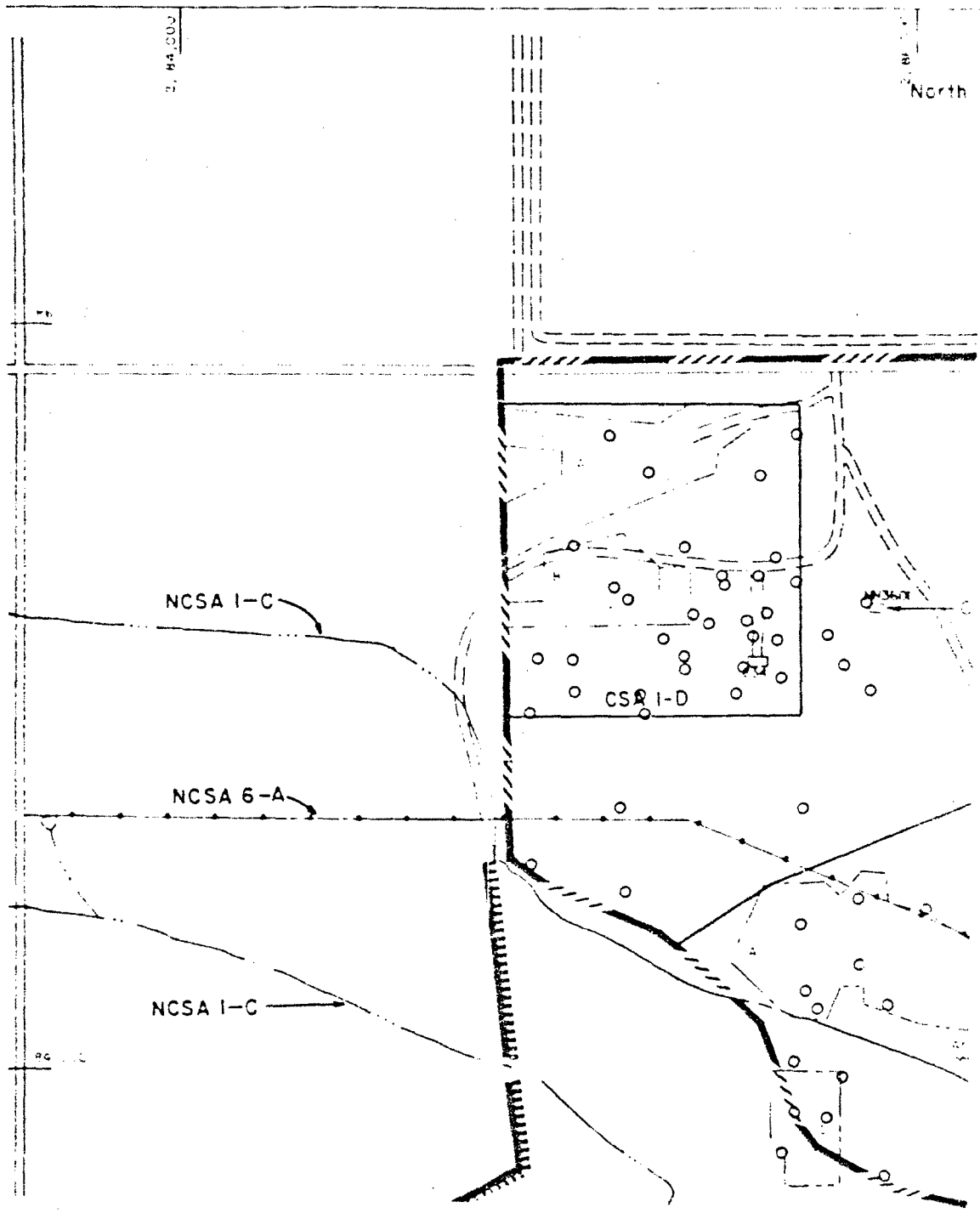
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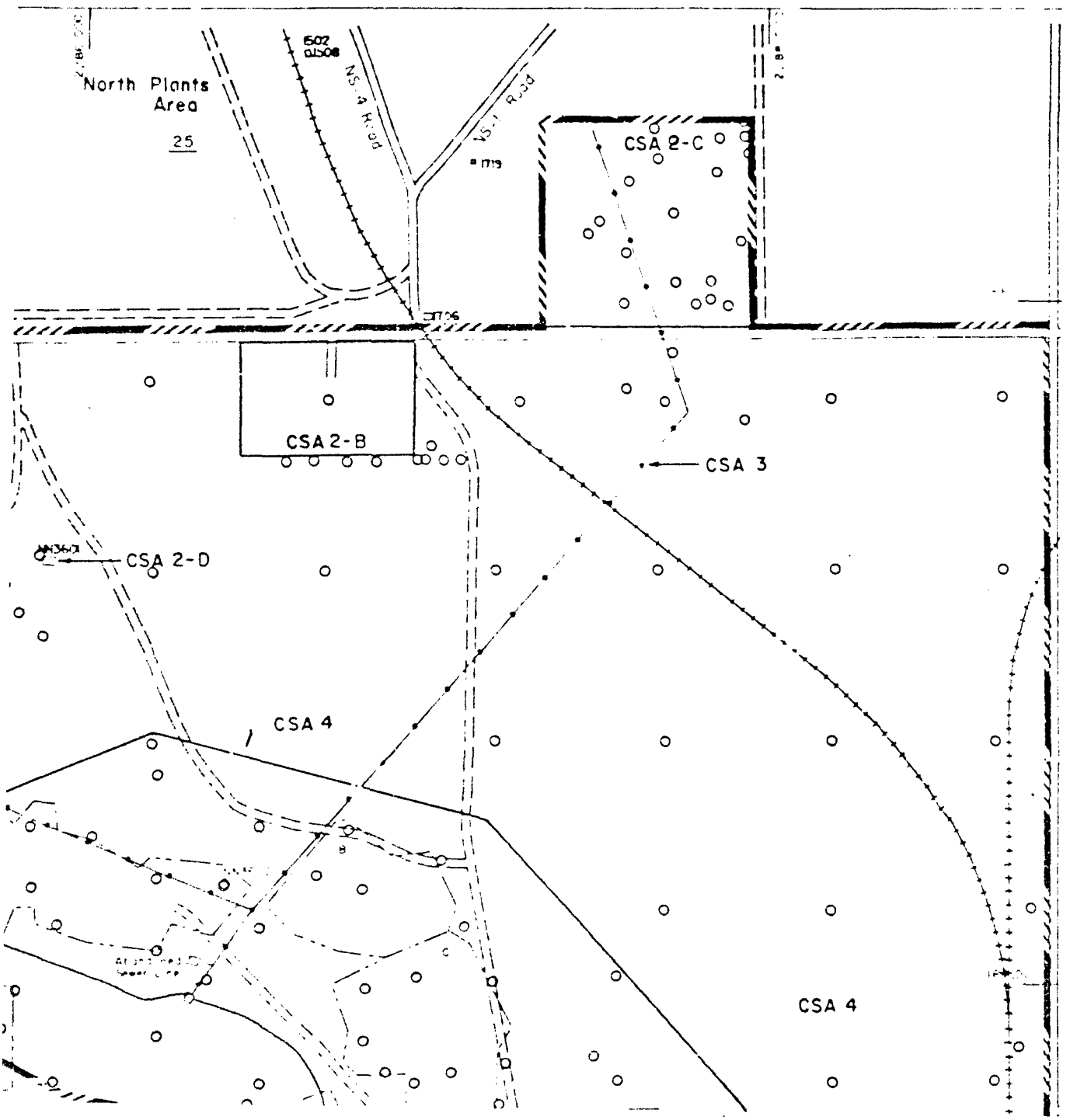
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

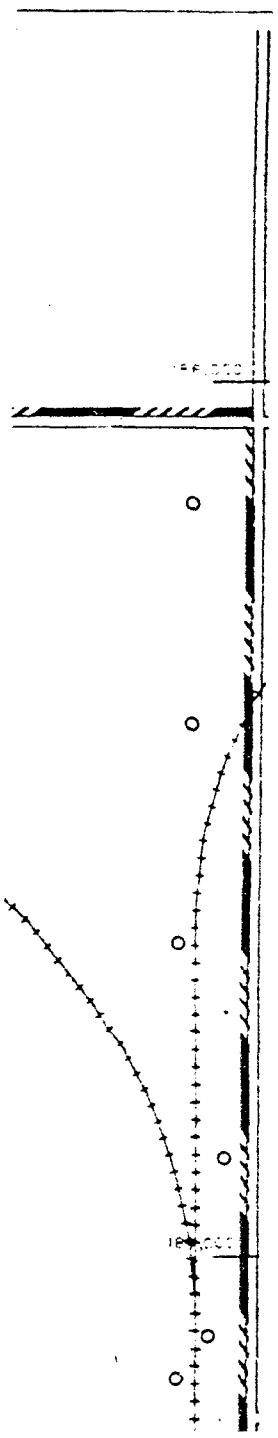
PLATE CSR 2.1-41

Polynuclear Aromatic Hydrocarbons
in Soils in the > 20 ft Interval

Rocky Mountain Arsenal
Prepared by Ebasco Services Incorporated


North
NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C


North Plants Area
25
NS-4 Road
NS-1 Road
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4

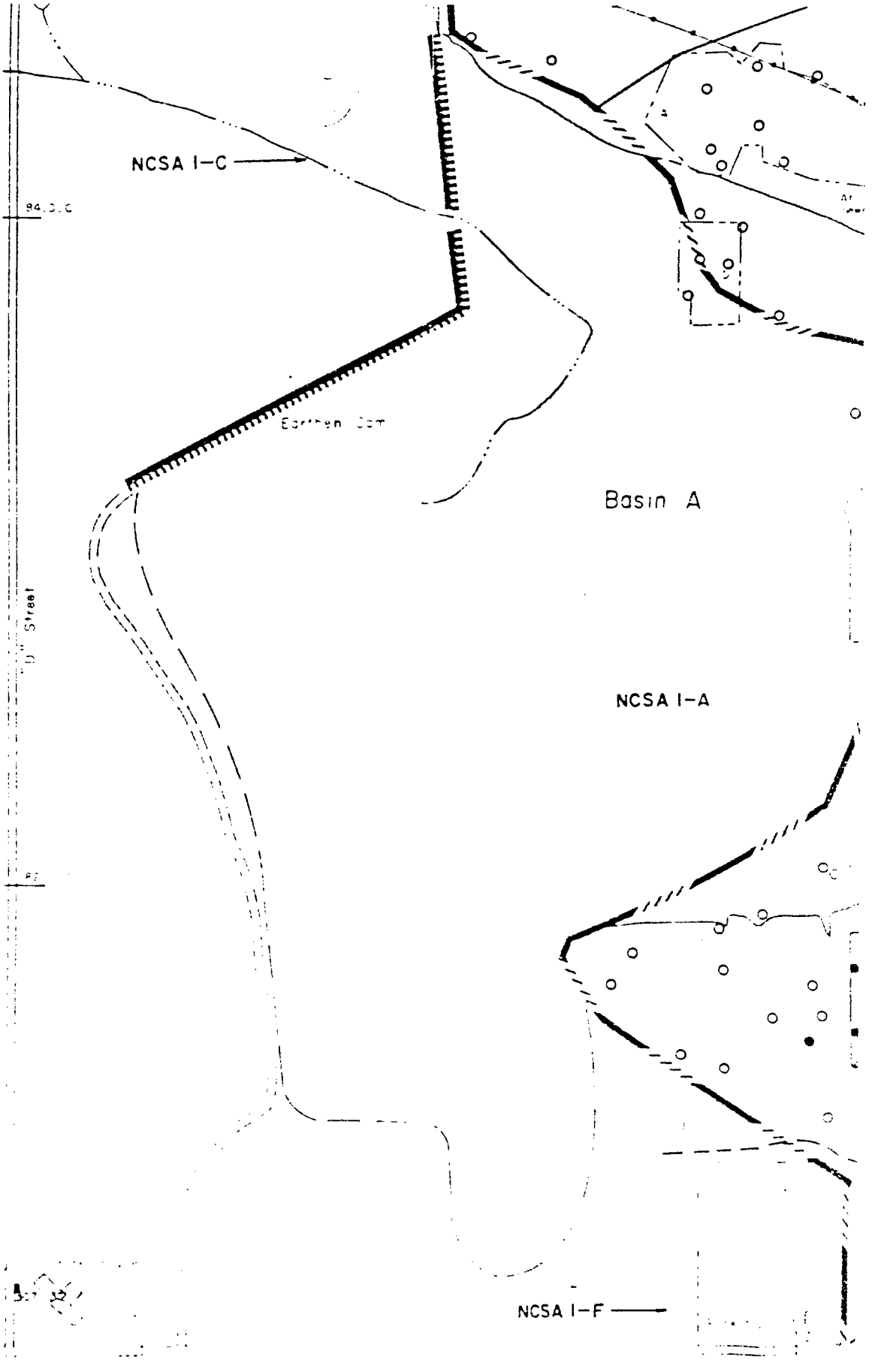


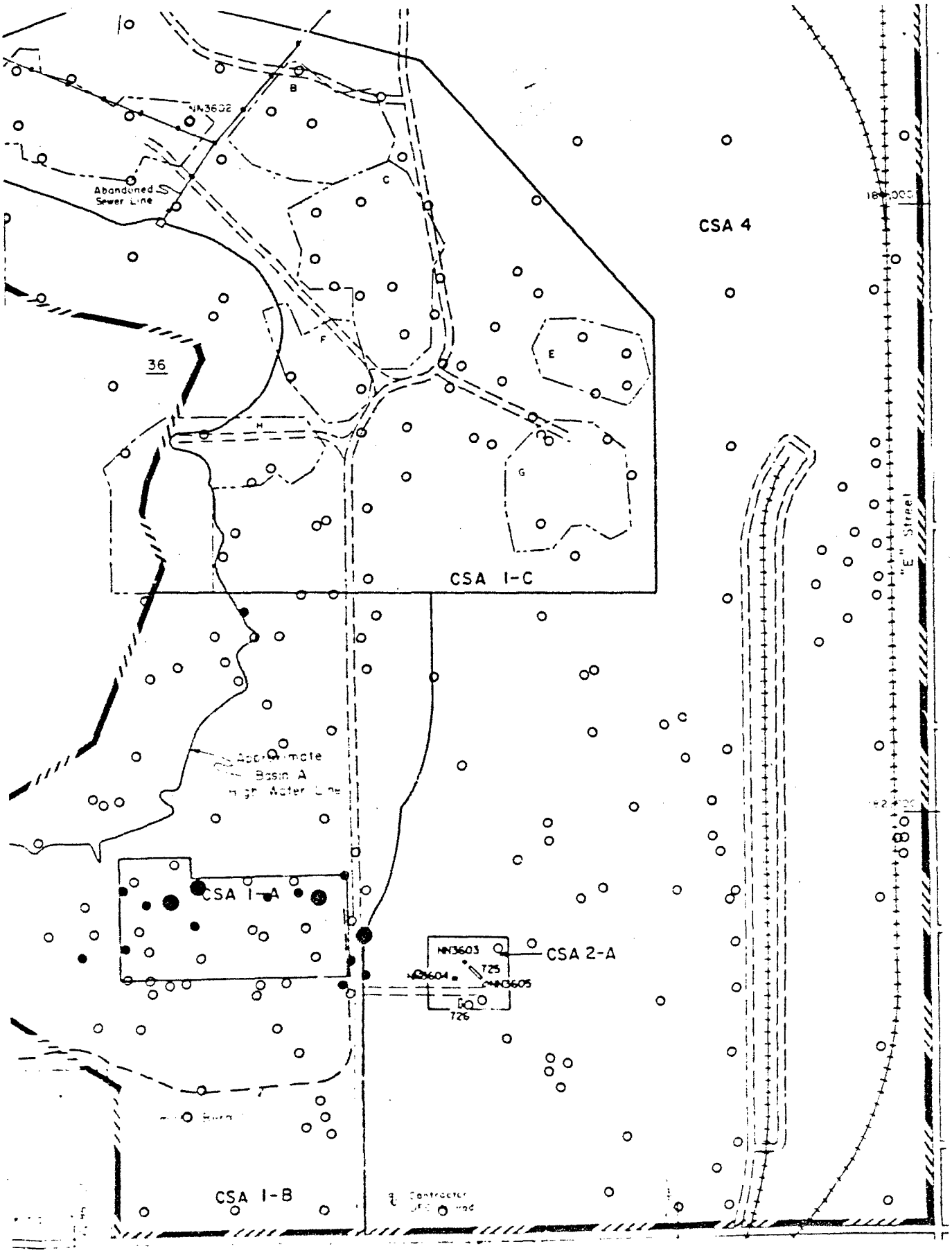
Legend

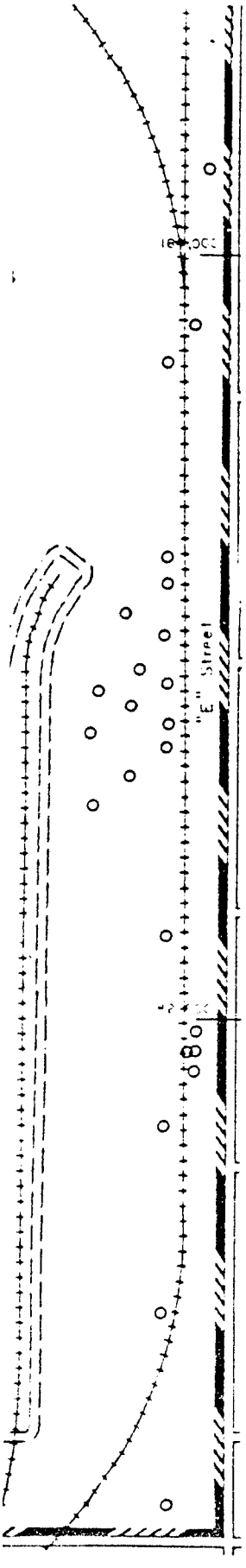
- Improved road
- Unimproved road
- Stream or ditch
- Shore line
- 9 — Section number
- 186,000 — State plane grid
- Structure
- Railroad tracks
- Former structure
- Central Study Area boundary
- Arsenal boundary
- CSA 1-C — Site boundary
- Sanitary sewer
- 8 — Geophysical anamoly
- Chemical sewer

ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

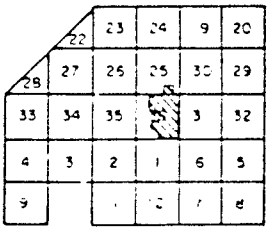
- o Below Certified Reporting Limit (BCRL)
- ● 0.0018 - 1.0
- ● 1.0 - 10
- ● 10 - 100
- ● >100


NCSA I-C
Basin A
NCSA I-A
NCSA I-F

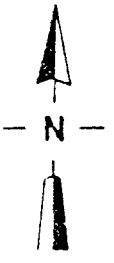

CSA 4
CSA 1-C
CSA 1-A
CSA 1-B
CSA 2-A
Abandoned Sewer Line
"E" Street
36
B
C
E
F
G
H
MH3602
MH3603
MH3604
MH3605
725
726

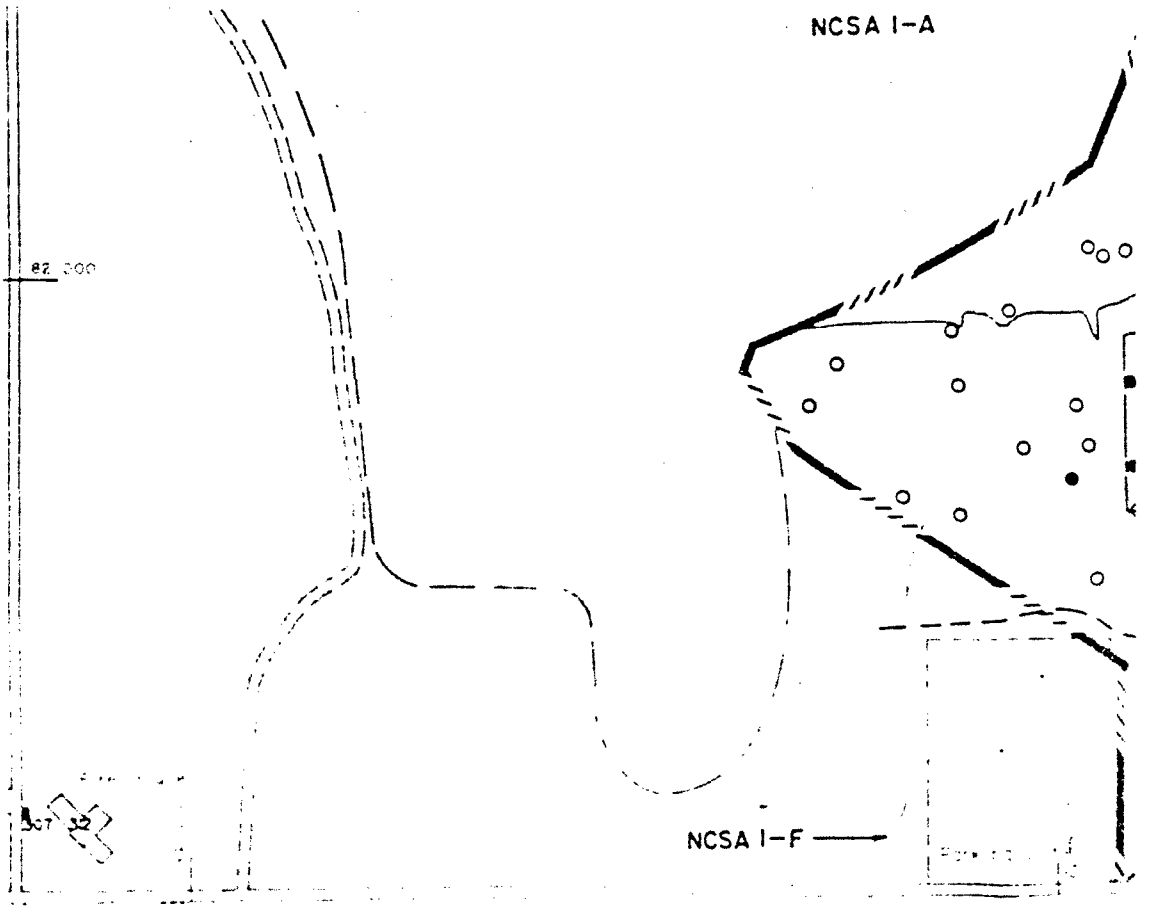


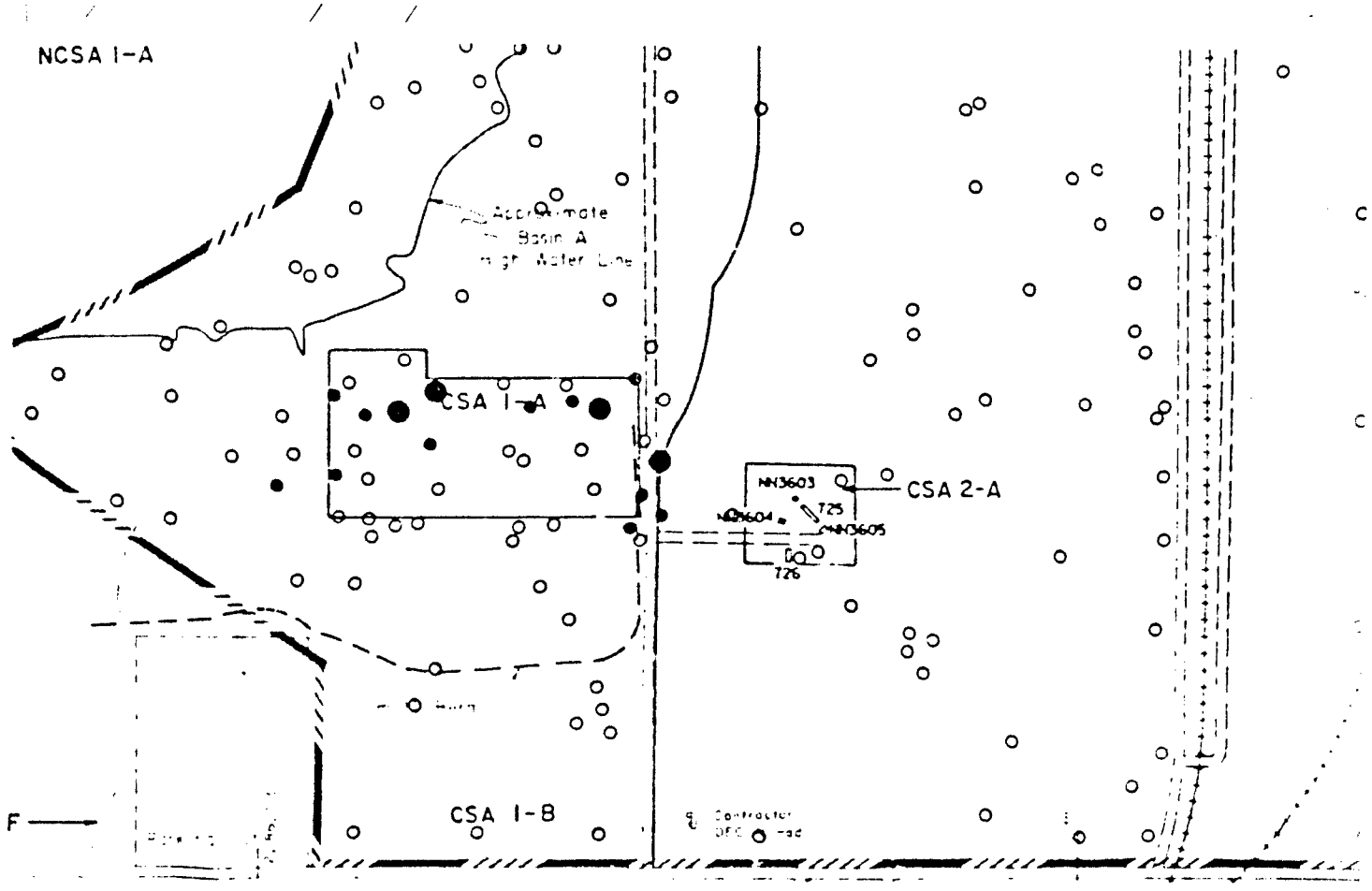
ROCKY MOUNTAIN ARSENAL
LOCATION

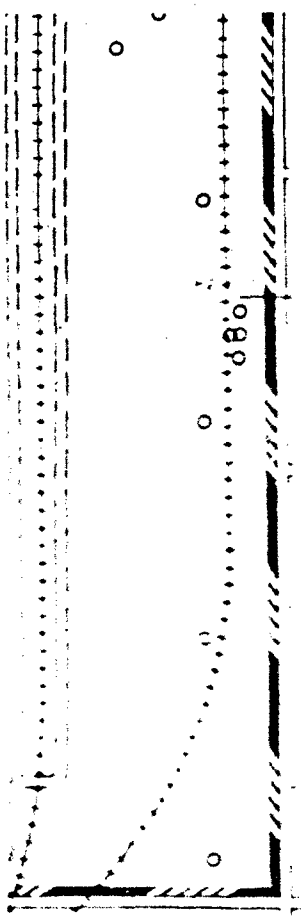


1" = 4 MILES

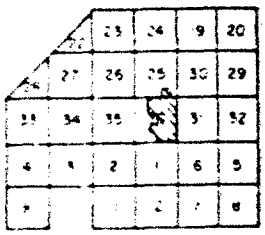



NCSA I-A
82,000
307
32
NCSA I-F

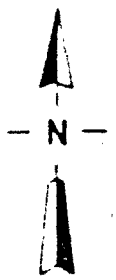

NCSA 1-A
CSA 1-A
CSA 2-A
CSA 1-B
MW3603
MW3604
MW3605
725
726
F



ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





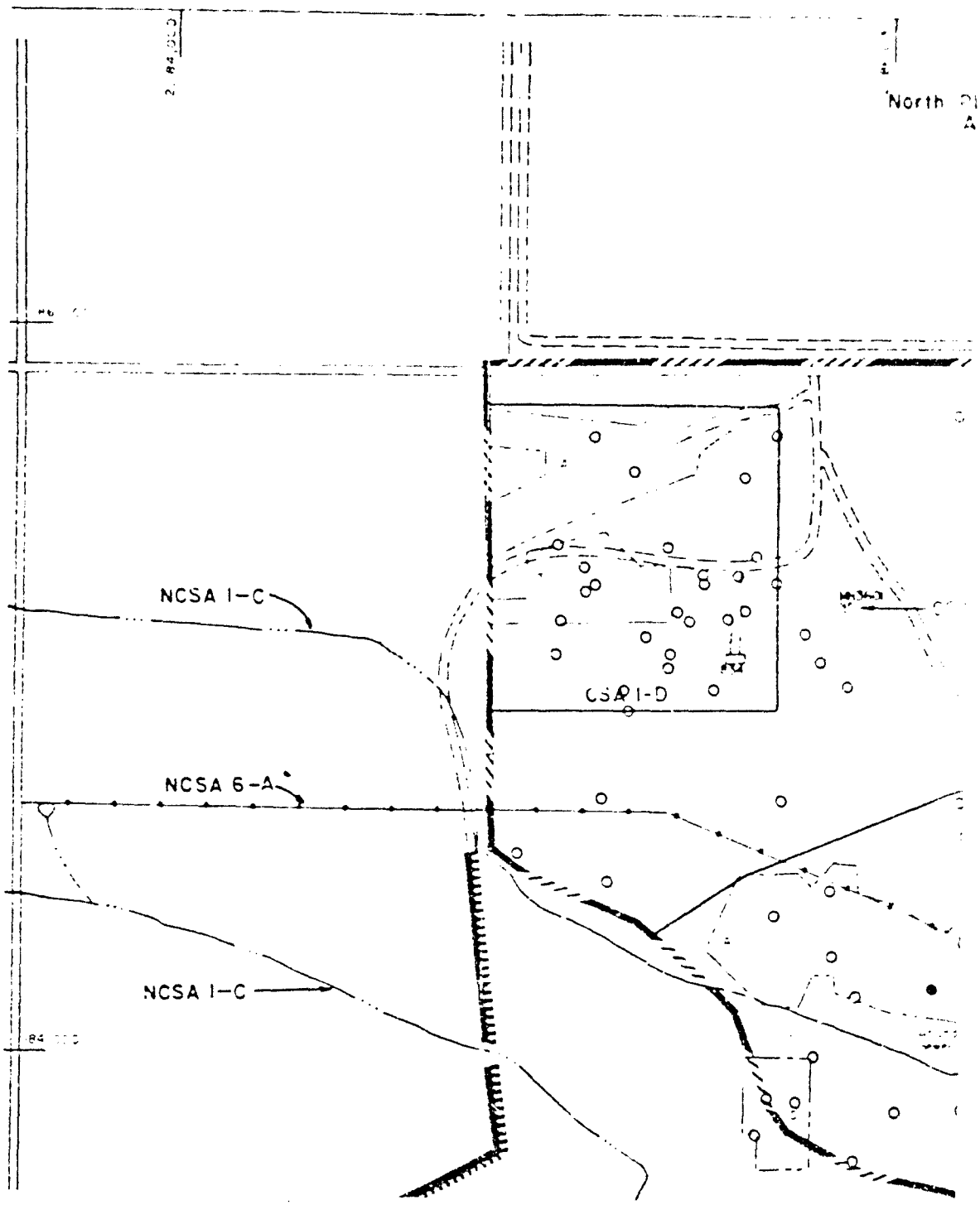
Prepared for:

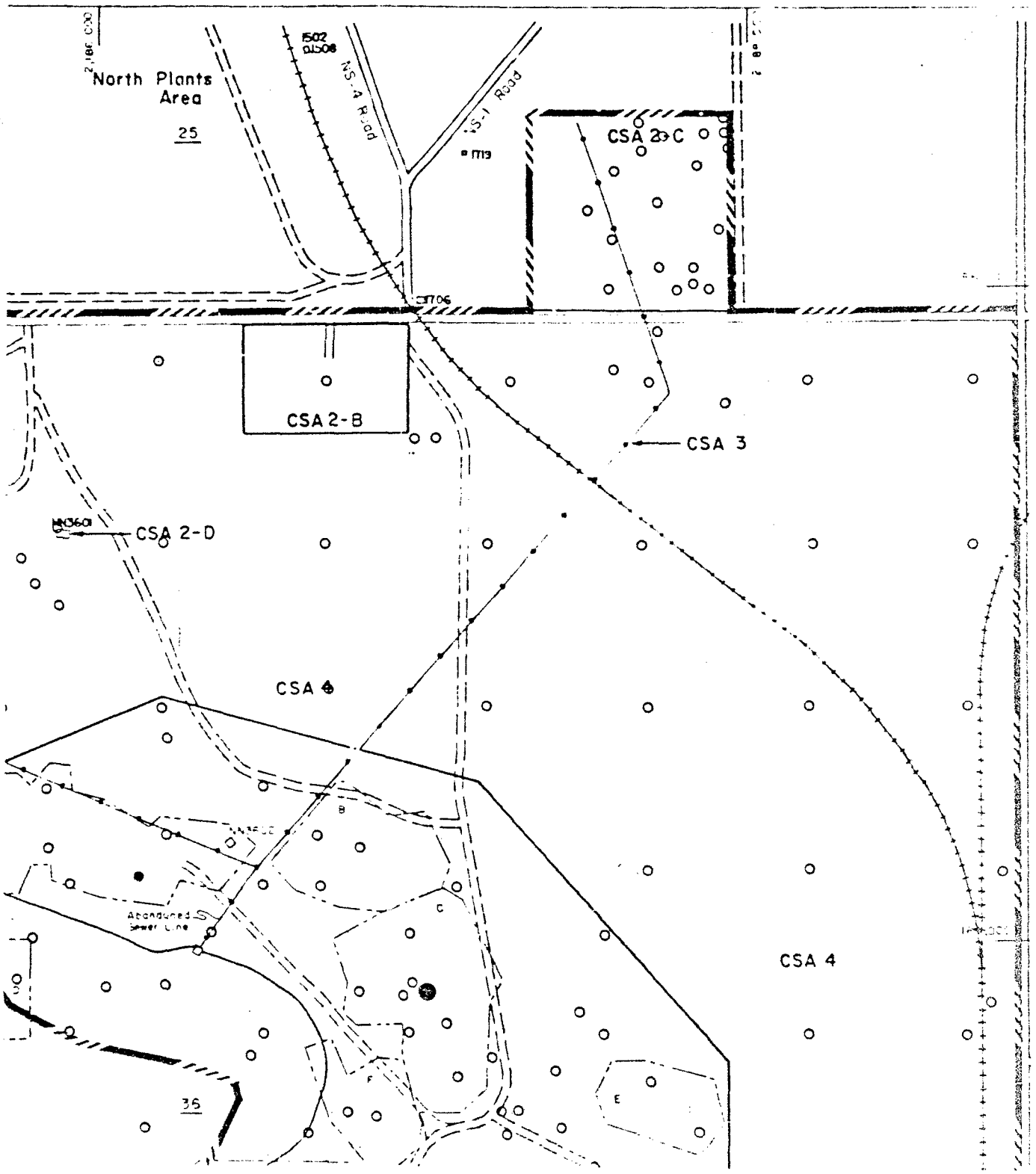
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

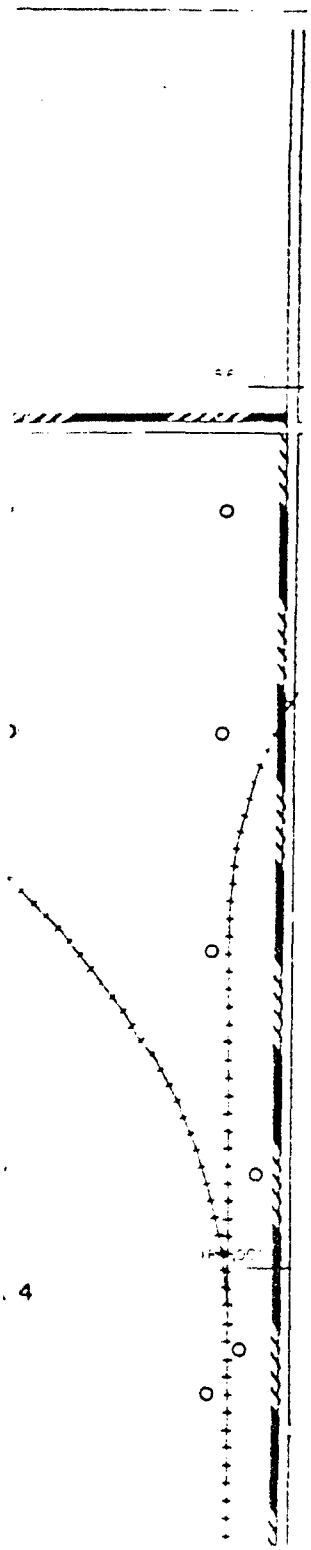
PLATE CSA 2.1-42

Semivolatile Halogenated Organic Compounds in Soils in the 0-2 ft. Interval

Rocky Mountain Arsenal
Prepared by: Ebasco Services Incorporated


NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C


North Plants Area
25
NS-4 Road
US-1 Road
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4
Abandoned Sewer Line
36

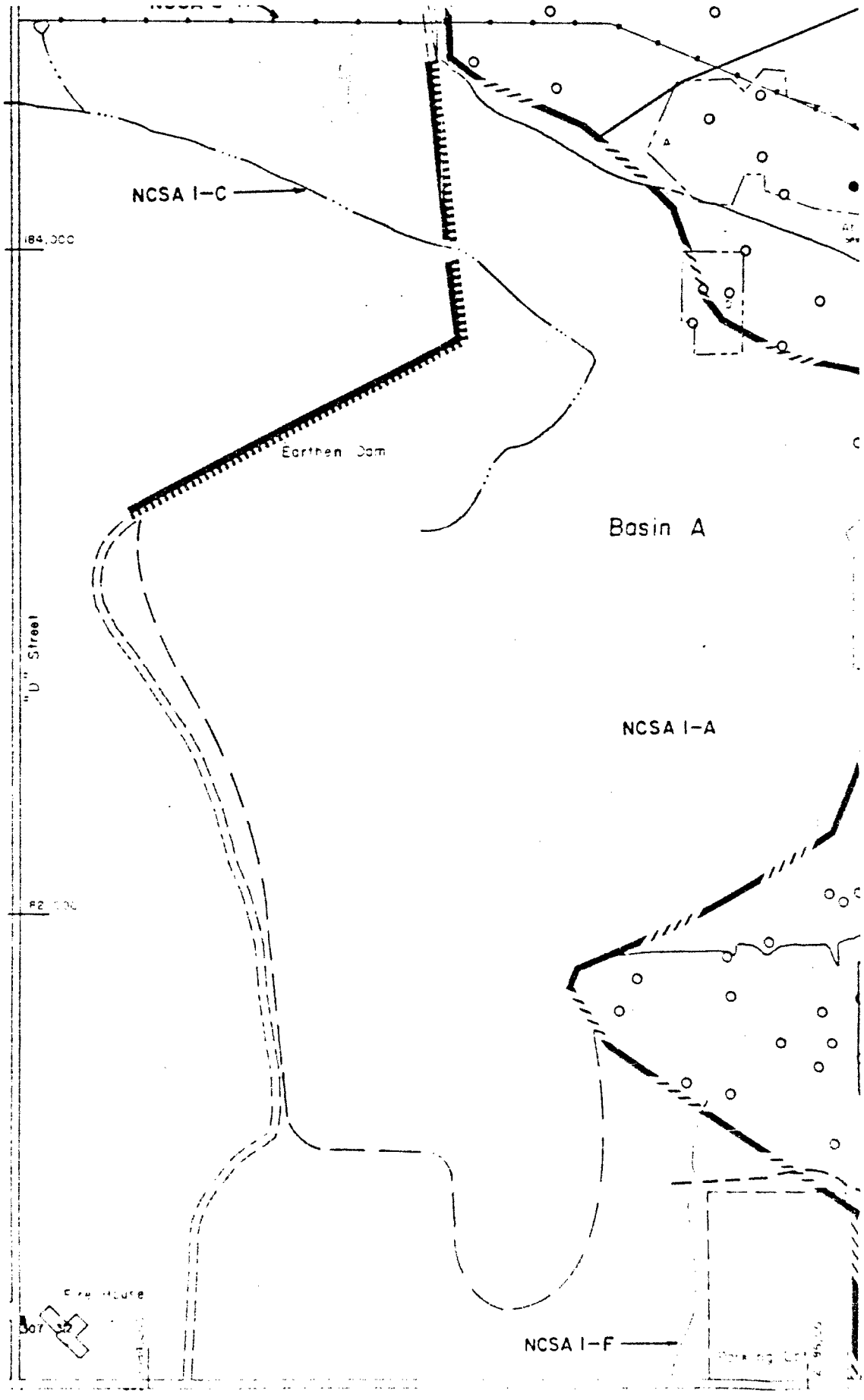


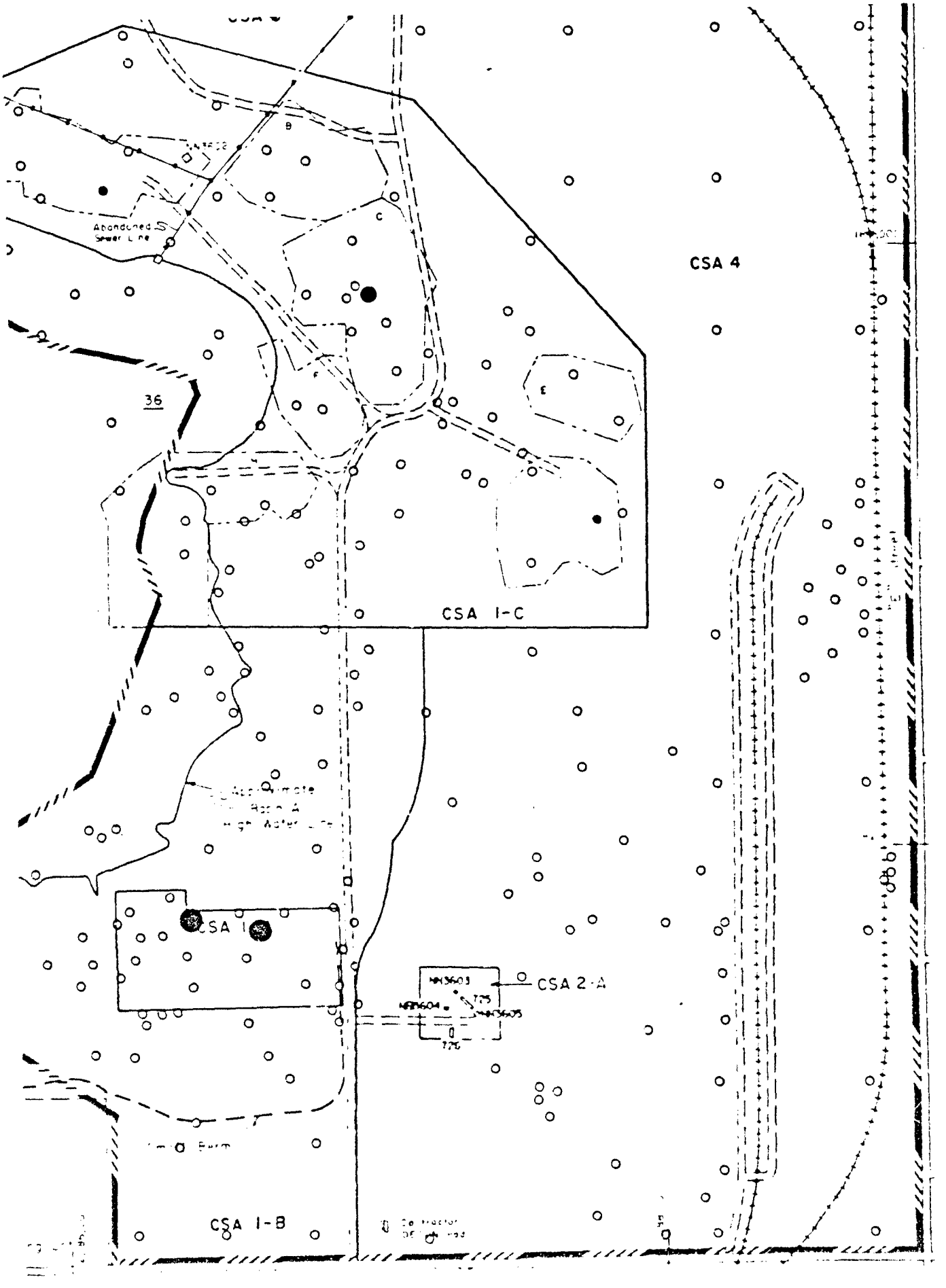
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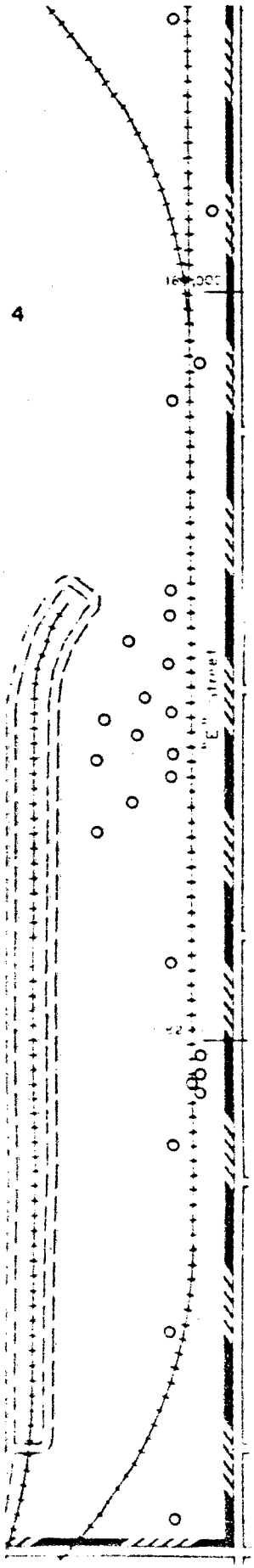
- Improved road
- Unimproved road
- Stream or ditch
- Shore line
- 9 — Section number
- 186,000 — State plane grid
- Structure
- Railroad tracks
- Former structure
- Central Study Area boundary
- Arsenal boundary
- CSA 1-C — Site boundary
- Sanitary sewer
- B — Geophysical anomoly
- Chemical sewer

ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

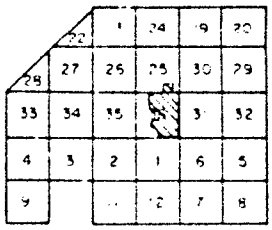
- o Below Certified Reporting Limit (BCRL)
- • 0.0018 - 1.0
- ● 1.0 - 10
- ● 10 - 100
- ● >100


NCSA I-C
Earthen Dam
Basin A
"D" Street
NCSA I-A
NCSA I-F


CSA 4
36
CSA 1-C
CSA 2-A
CSA 1-B

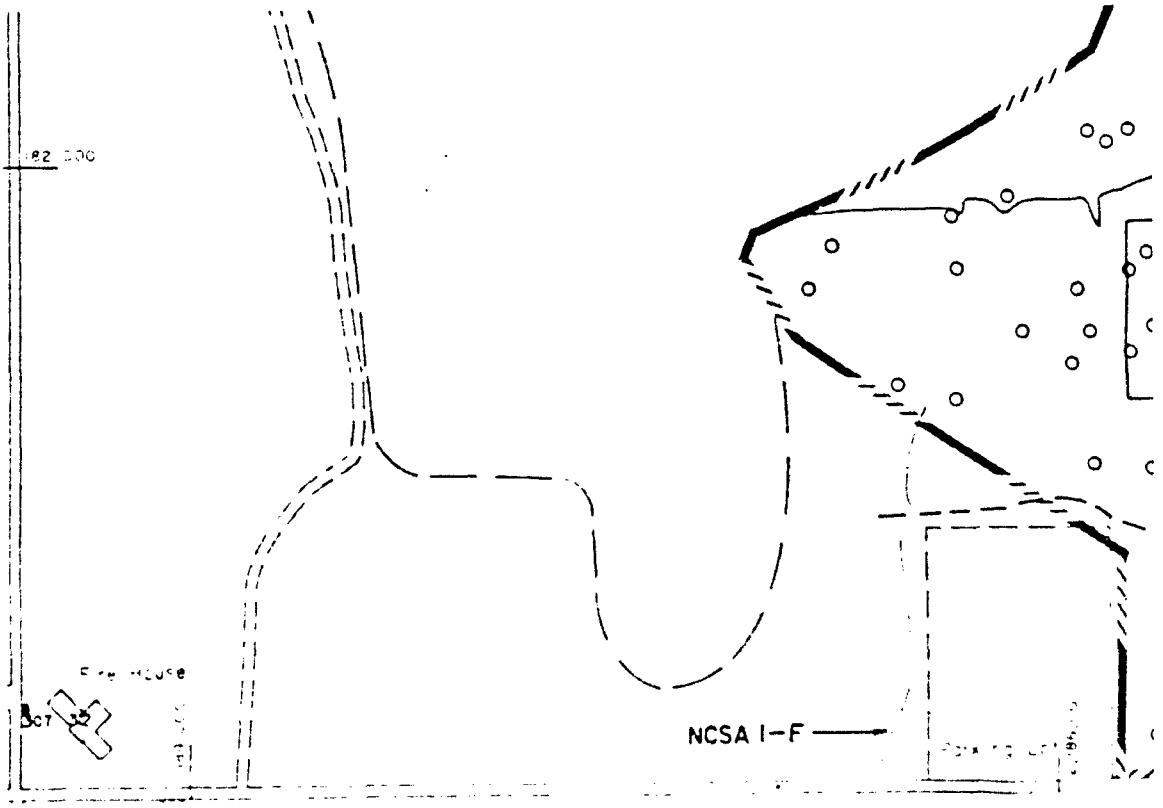


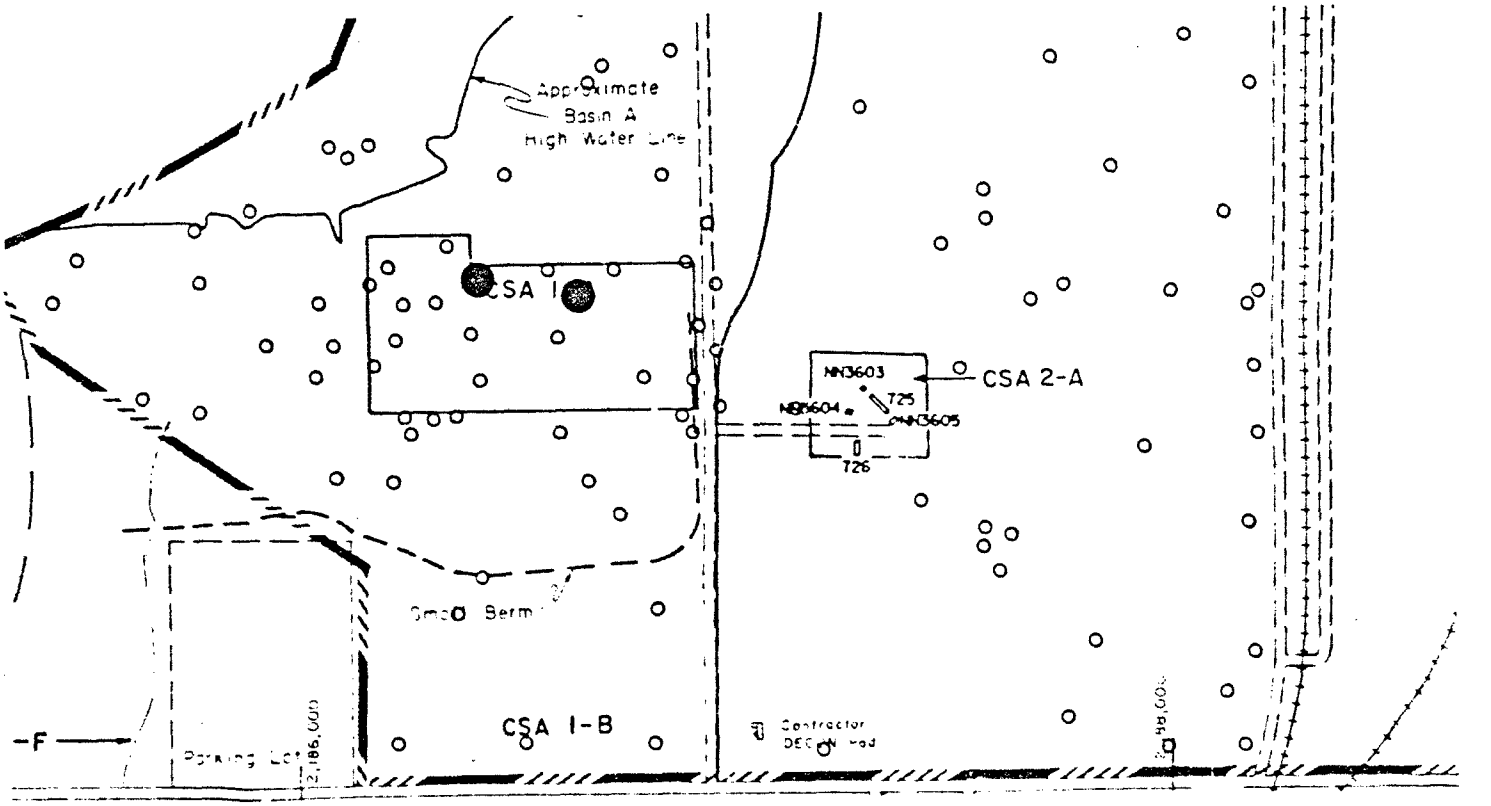
ROCKY MOUNTAIN ARSENAL
LOCATION

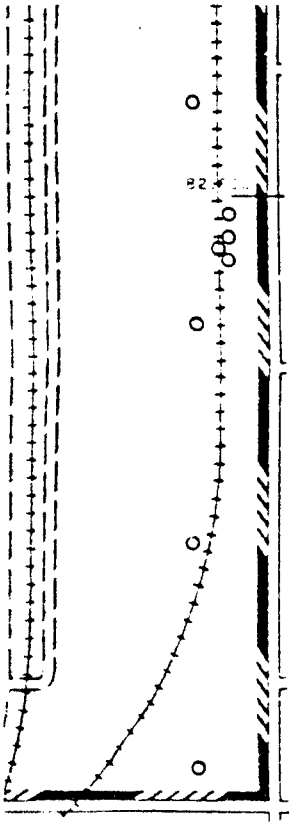


1" = 4 MILES

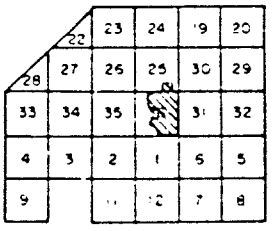



NCSA I-F


Approximate
Basin A
High Water Line
CSA 1
NN3603
CSA 2-A
725
NN3604
NN3605
726
Berm
CSA 1-B
Parking Lot
2,186,600
Contractor
2,199,600

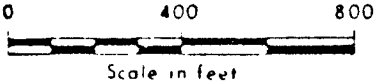


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





Scale in feet

Prepared for:

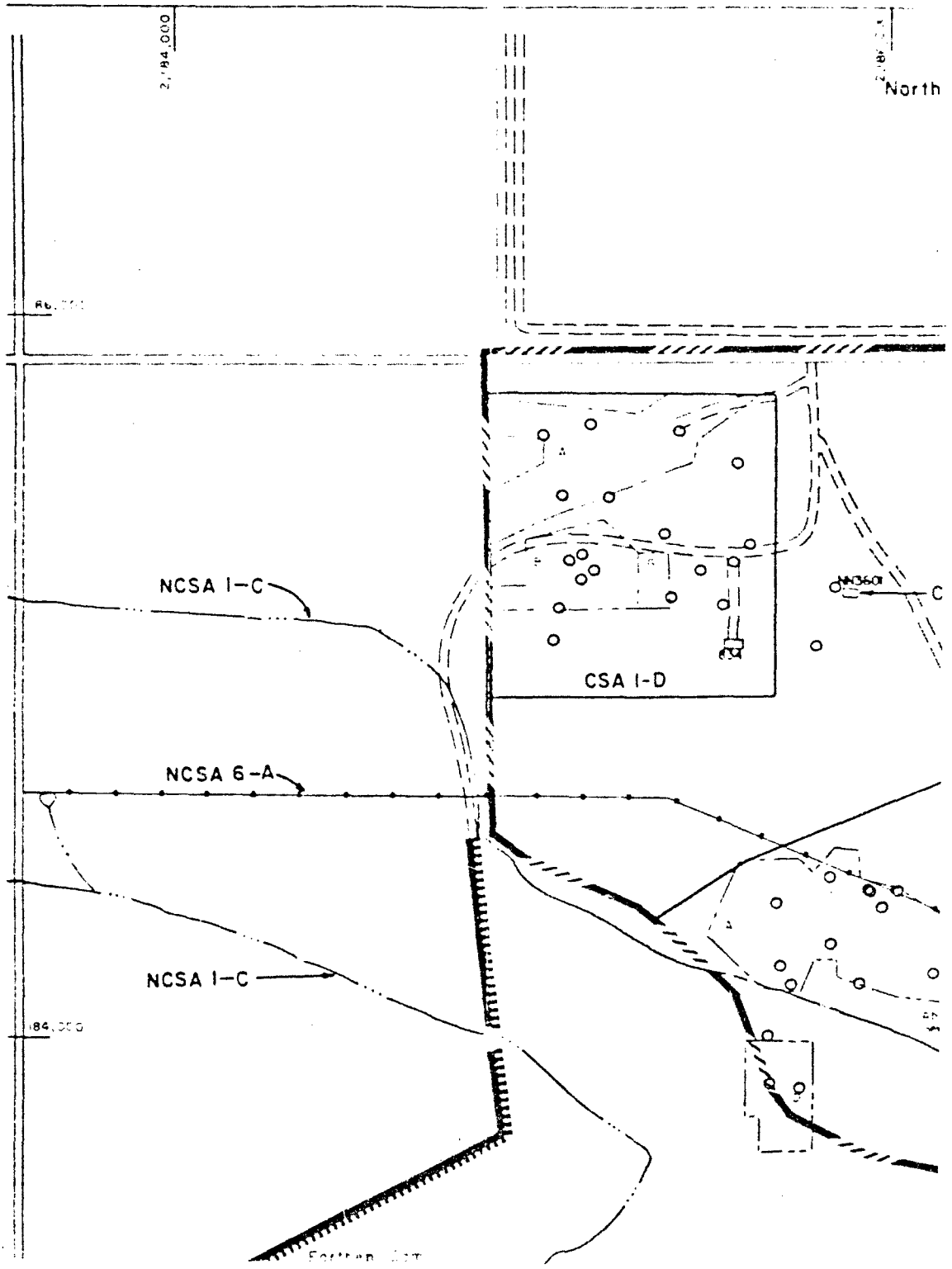
Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

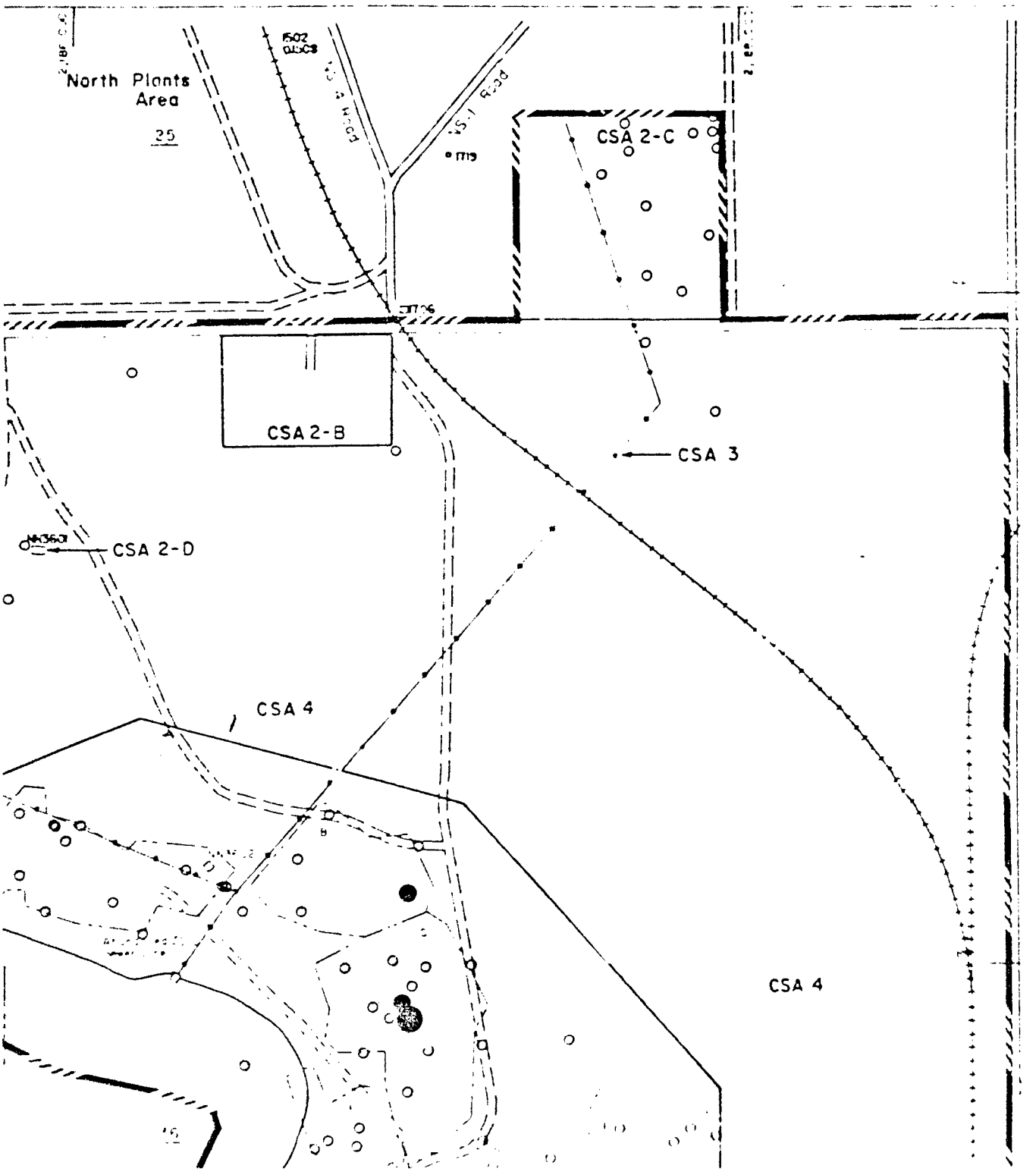
PLATE CSA 2.1-43

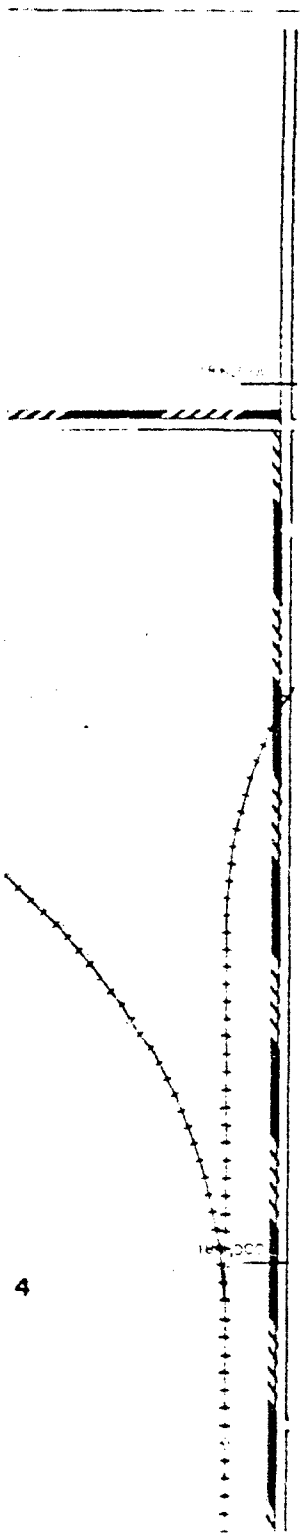
Semivolatile Halogenated Organic Compounds in Soils in the 2-5 ft. Interval

Rocky Mountain Arsenal

Prepared by: Ebasco Services Incorporated


2,184,000
North
NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C


North Plants
Area
25
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4

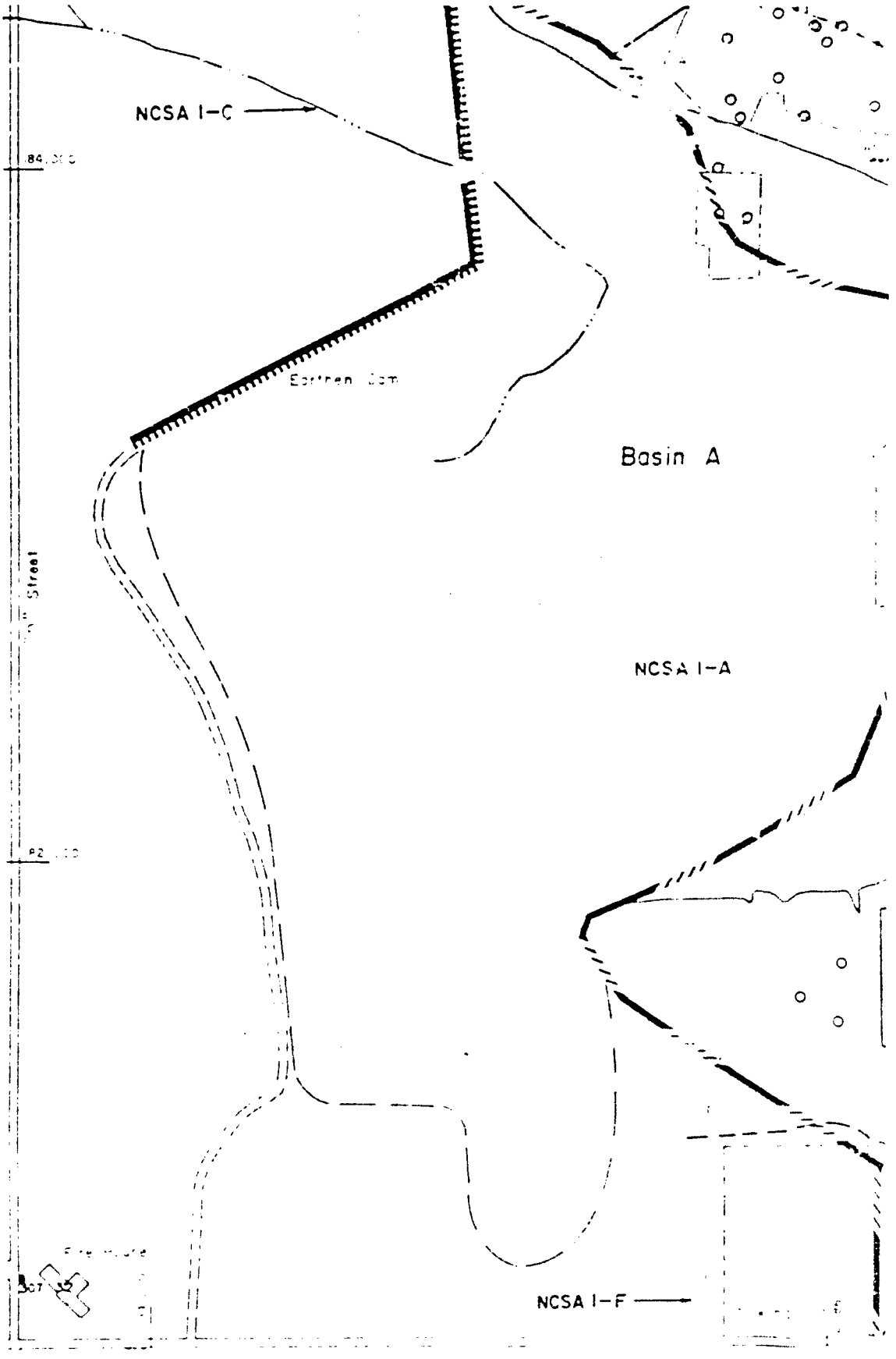


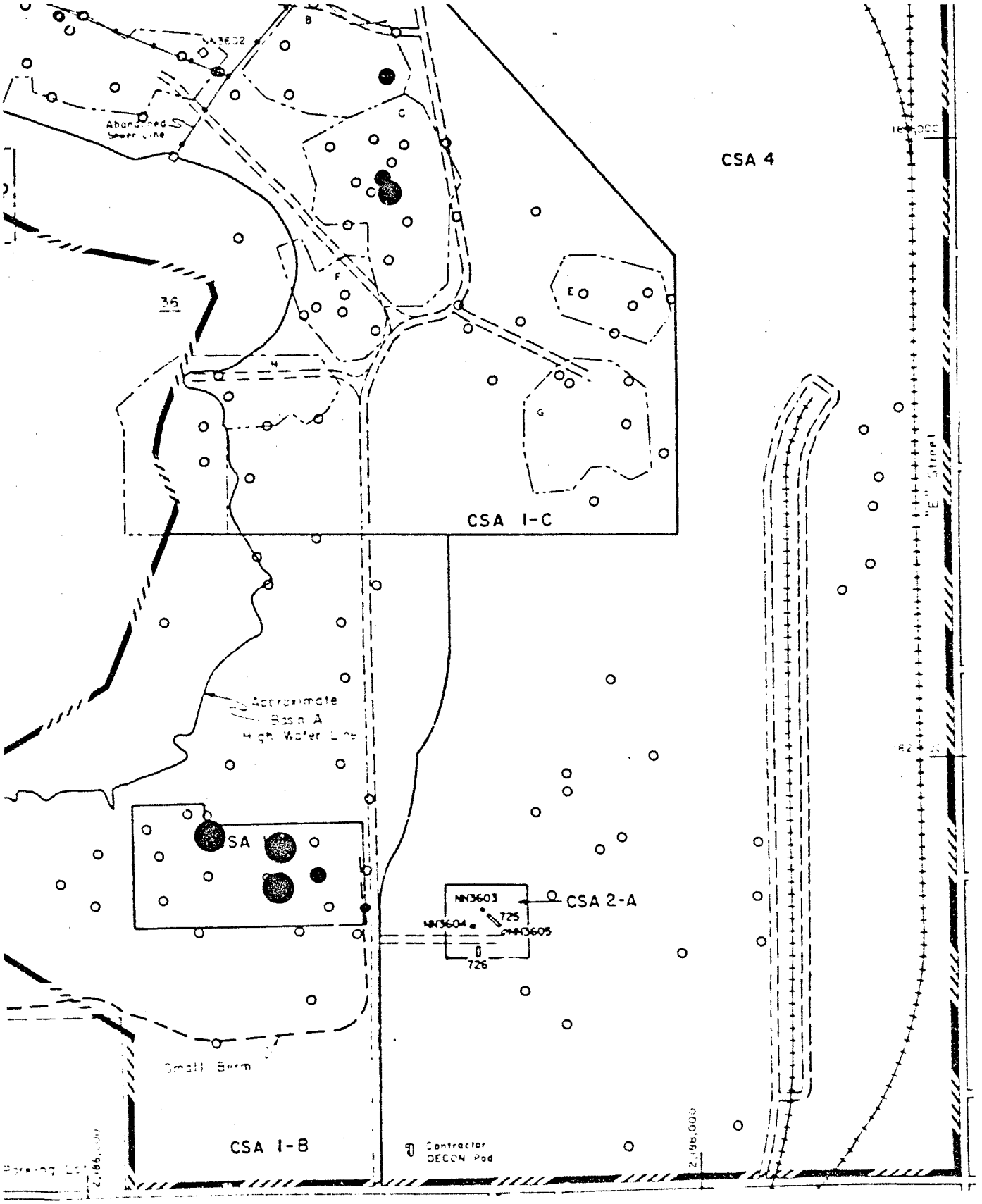
Legend

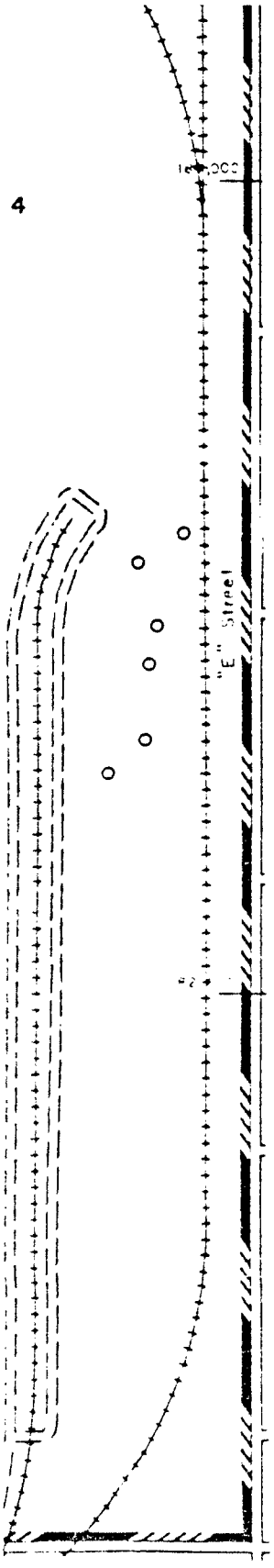
- Improved road
- Unimproved road
- Stream or ditch
- Shore line
- 9 — Section number
- 186,000 — State plane grid
- Structure
- Railroad tracks
- Former structure
- Central Study Area boundary
- Arsenal boundary
- CSA 1-C — Site boundary
- Sanitary sewer
- 8 — Geophysical anomoly
- Chemical sewer

ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

- o Below Certified Reporting Limit (BCRL)
- ● 0.0018 - 1.0
- ● 1.0 - 10
- ● 10 - 100
- ● >100

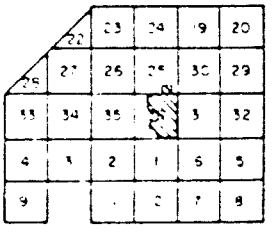

NCSA I-C
Earthen dam
Basin A
NCSA I-A
NCSA I-F


CSA 4
CSA 1-C
CSA 1-B
CSA 2-A
SA
36
Abandoned Sewer Line
Approximate Basin A High Water Line
Small Berm
Contractor DECON Pad
MW3603
MW3604
MW3605
725
726
"E" Street

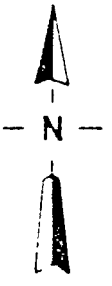


4

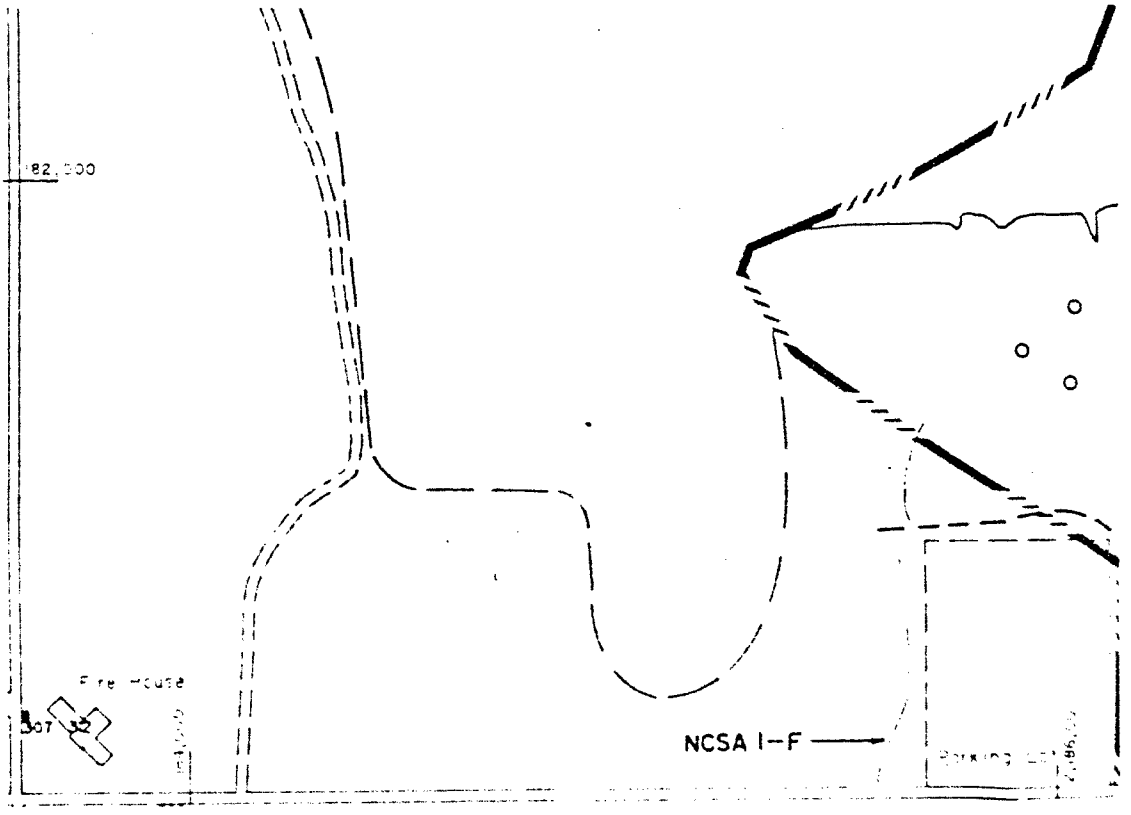
ROCKY MOUNTAIN ARSENAL
LOCATION

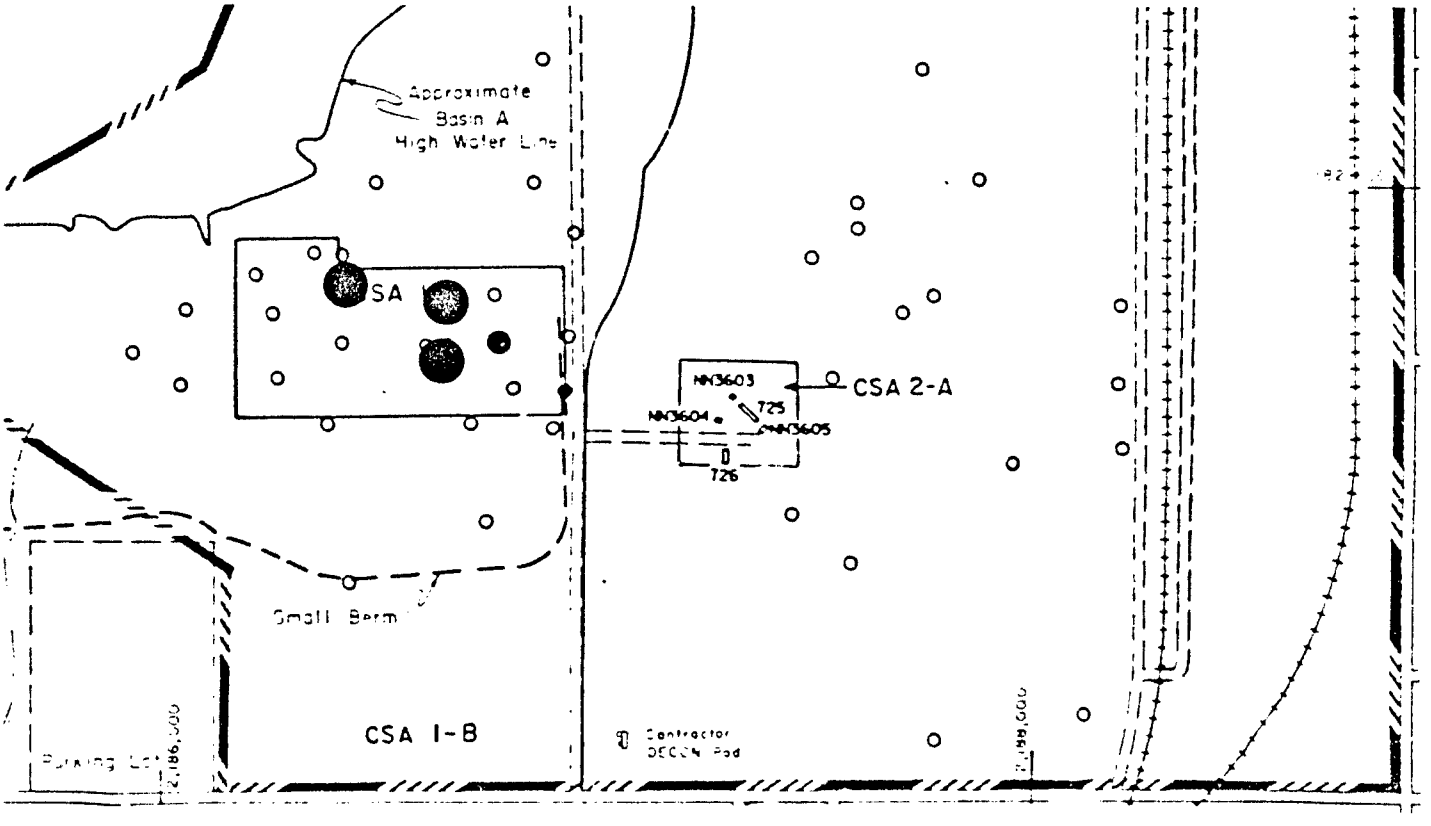


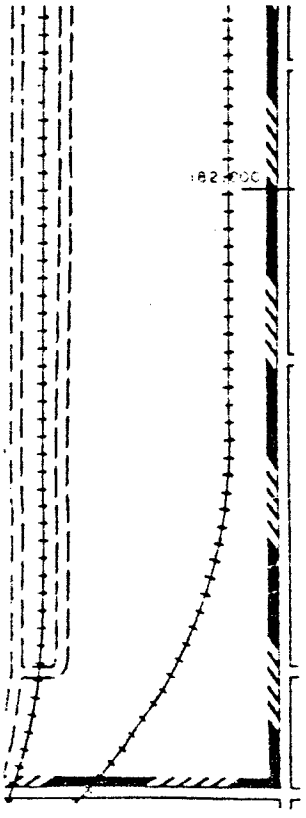
1" = 4 MILES



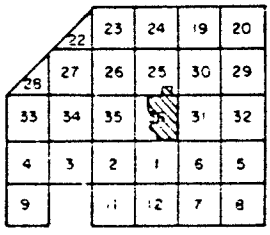
0 400 800


182,000
Fire House
NCSA I-F

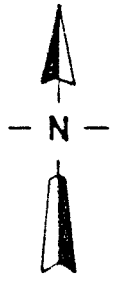

Approximate
Basin A
High Water Line
SA
NW3603
CSA 2-A
725
NW3604
NW3605
726
Small Berm
CSA 1-B
Contractor
DECON Pad

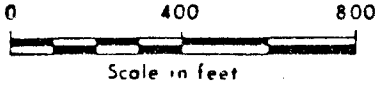


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





Scale in feet

Prepared for:

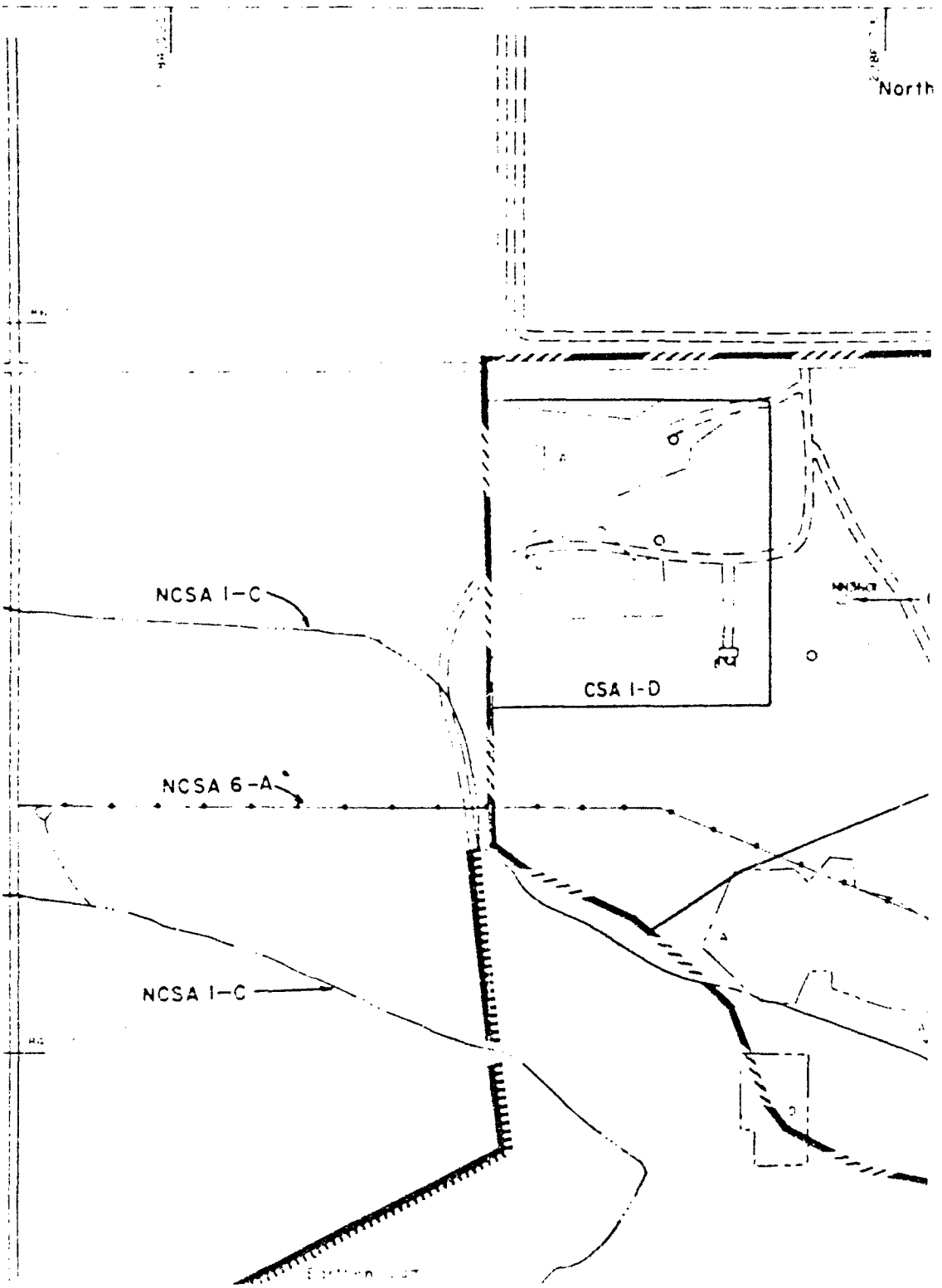
Program Manager's Office for
Rocky Mountain Arsenal Clean-up
Aberdeen Proving Ground, Maryland

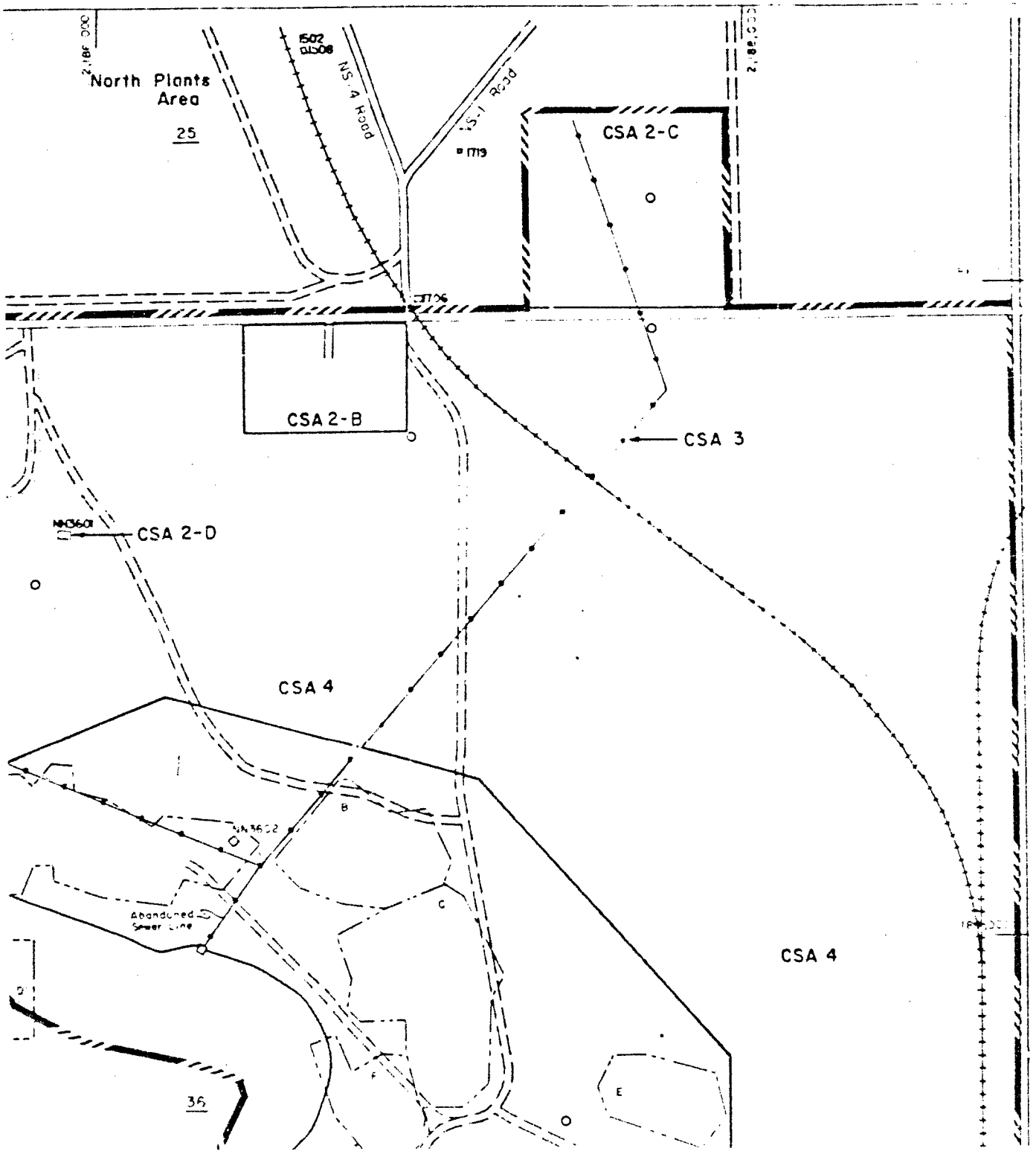
PLATE CSA 2.1-44

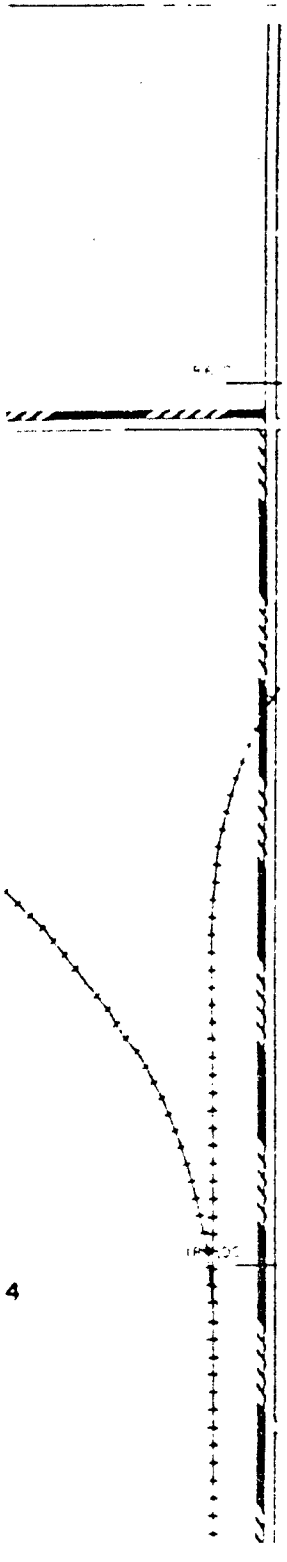
Semivolatile Halogenated Organic Compounds in Soils in the 5-20 ft. Interval

Rocky Mountain Arsenal

Prepared by: Ebasco Services Incorporated


North
NCSA 1-C
CSA 1-D
NCSA 6-A
NCSA 1-C


North Plants Area
25
NS 4 Road
US-1 Road
CSA 2-C
CSA 2-B
CSA 3
CSA 2-D
CSA 4
CSA 4
Abandoned Sewer Line
36

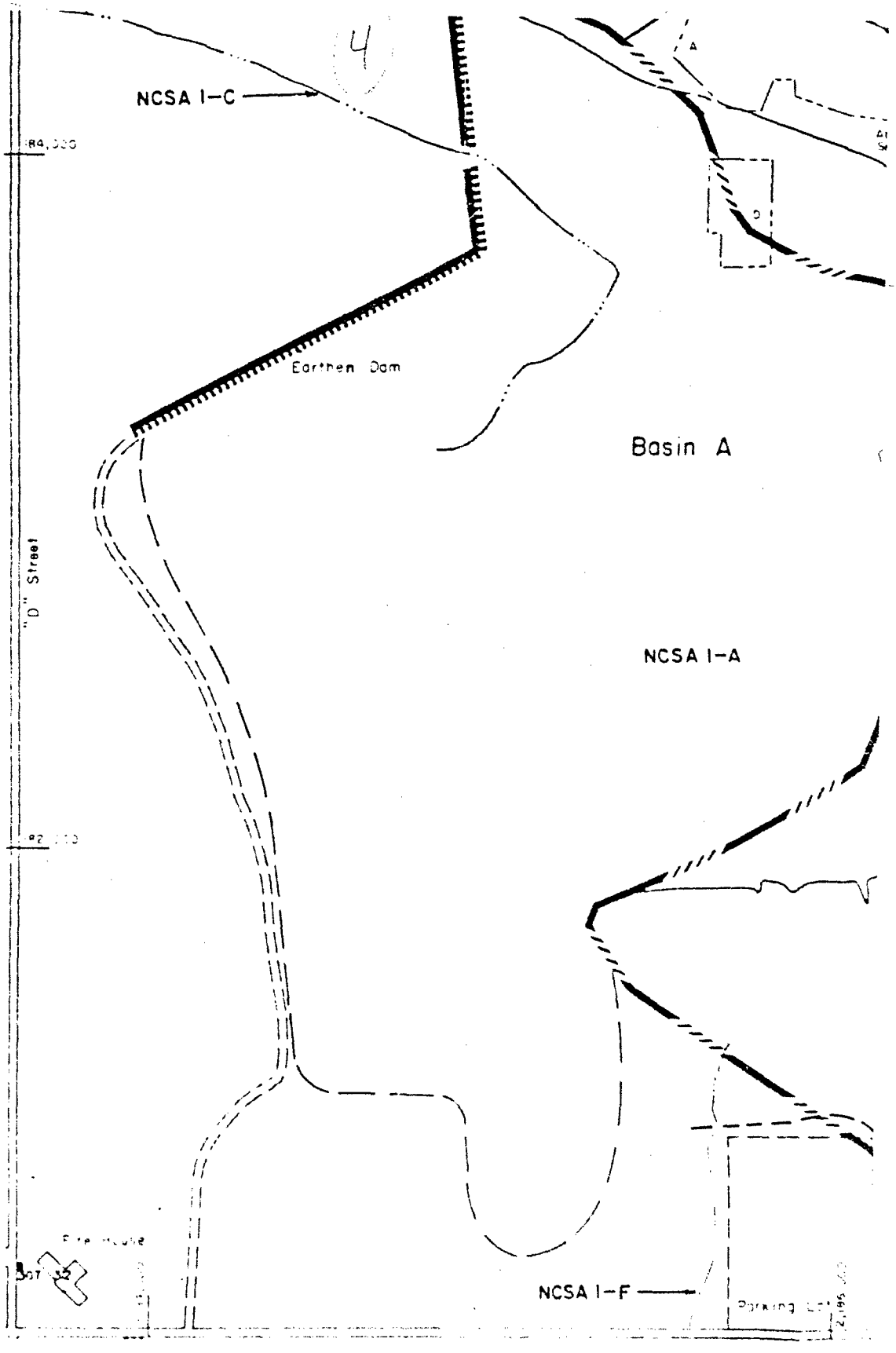


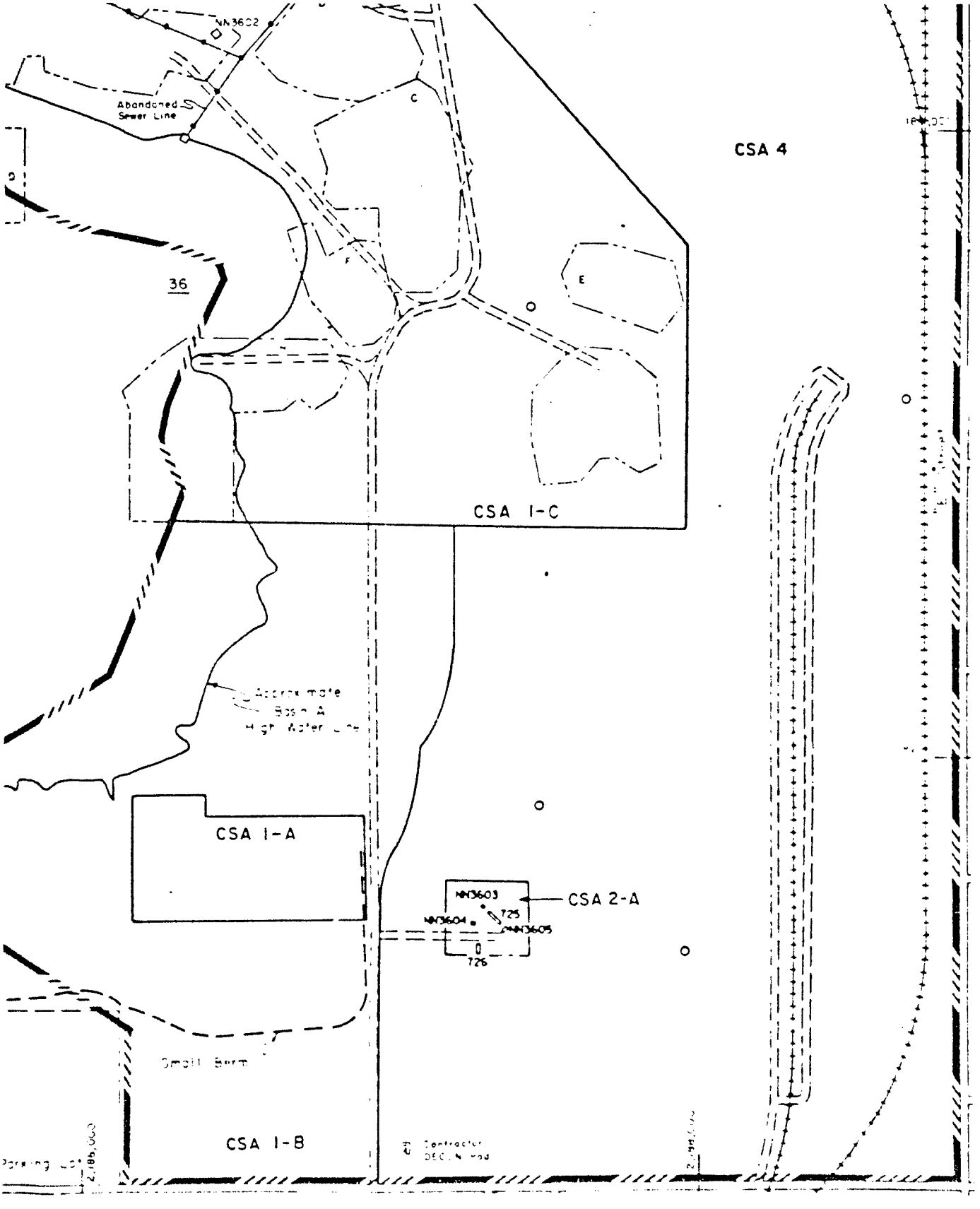
Legend

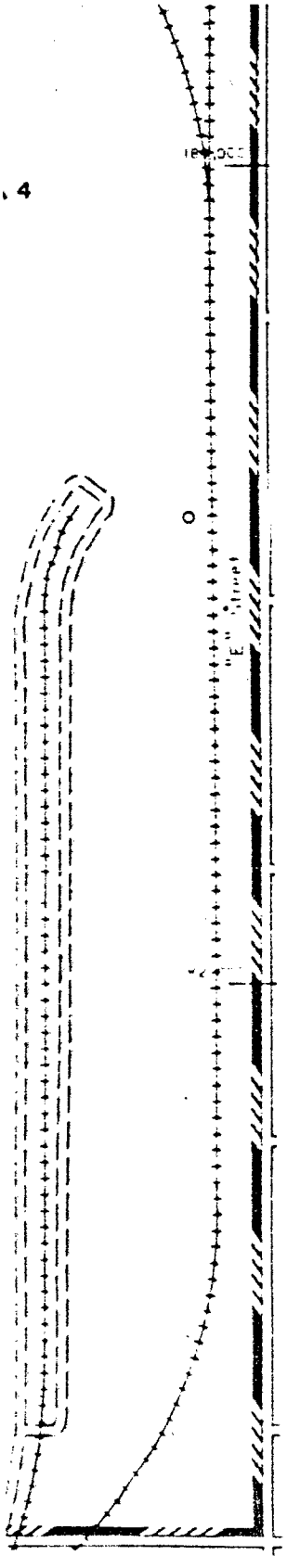
- Improved road
- Unimproved road
- Stream or ditch
- Shore line
- 9 — Section number
- 186,000 — State plane grid
- Structure
- Railroad tracks
- Former structure
- Central Study Area boundary
- Arsenal boundary
- CSA 1-C — Site boundary
- Sanitary sewer
- 8 — Geophysical anomoly
- Chemical sewer

ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

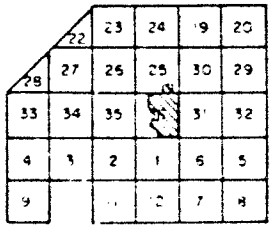
- o Below Certified Reporting Limit (BCRL)
- • 0.0018 - 1.0
- ● 1.0 - 10
- ● 10 - 100
- ● >100


4
NCSA I-C
Earthen Dam
Basin A
"D" Street
NCSA I-A
NCSA I-F

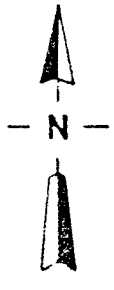

MW3602
Abandoned Sewer Line
CSA 4
36
CSA 1-C
CSA 1-A
CSA 2-A
MW3603
MW3604
MW3605
725
726
Small Berm
CSA 1-B



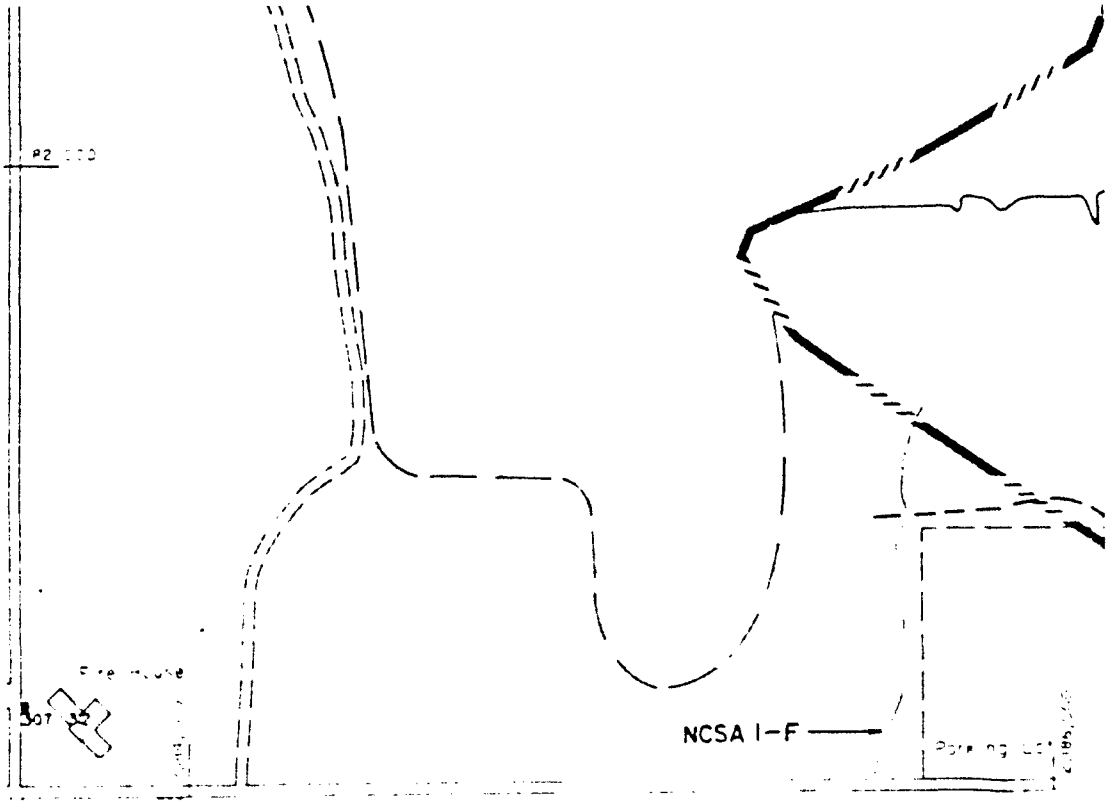
ROCKY MOUNTAIN ARSENAL
LOCATION

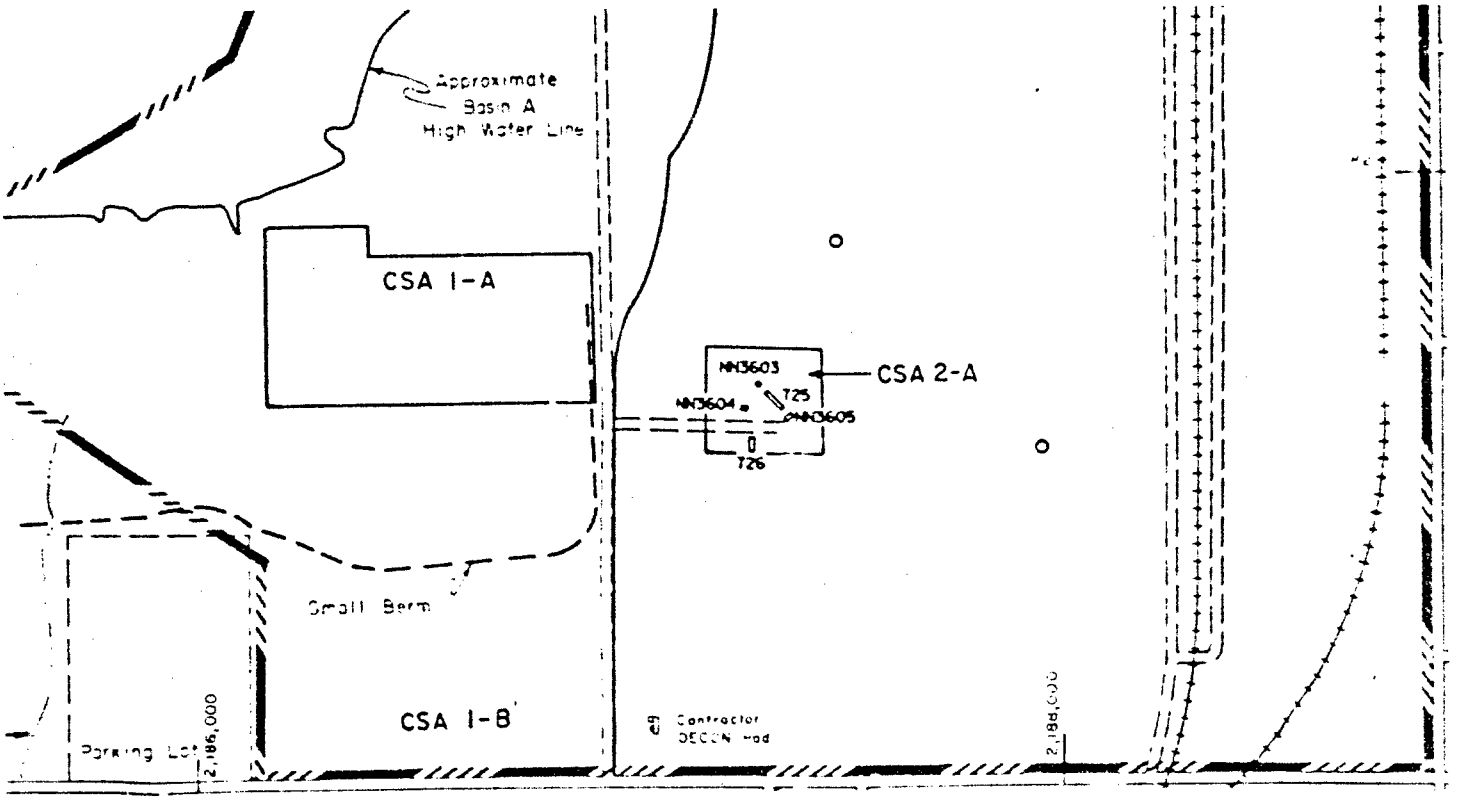


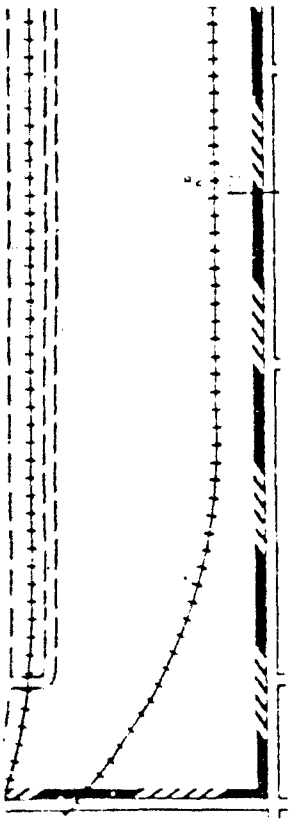
1" = 4 MILES



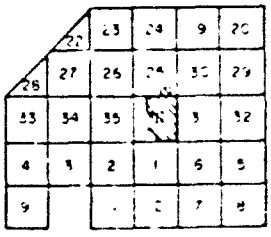
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NCSA I-F

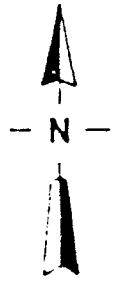

Approximate
Basin A
High Water Line
CSA 1-A
MW3603
725
MW3604
MW3605
726
CSA 2-A
Small Berm
CSA 1-B
Parking Lot
2,186,000
Contractor
DECON Pad
2,186,000

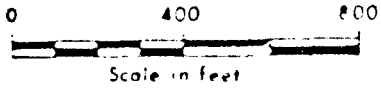


ROCKY MOUNTAIN ARSENAL
LOCATION



1" = 4 MILES





Prepared for:

Program Manager's Office for
Rocky Mountain Arsenal Cleanup
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-45

Semivolatile Halogenated Organic Compounds in Soils in the > 20 ft Interval

Rocky Mountain Arsenal

Prepared by: Ebasco Services Incorporated