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WSRC-TR--95-0146-4-Vol.2

GENERAL SEPARATIONS AREA LARGE MAPS FOR THE F- AND H-AREA HAZARDOUS WASTE MANAGEMENT FACILITY GROUNDWATER MONITORING REPORTS (U)

THIRD AND FOURTH QUARTERS 1995

Volume II

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Westinghouse Savannah River Company
Savannah River Site
Aiken, SC 29808

MASTER

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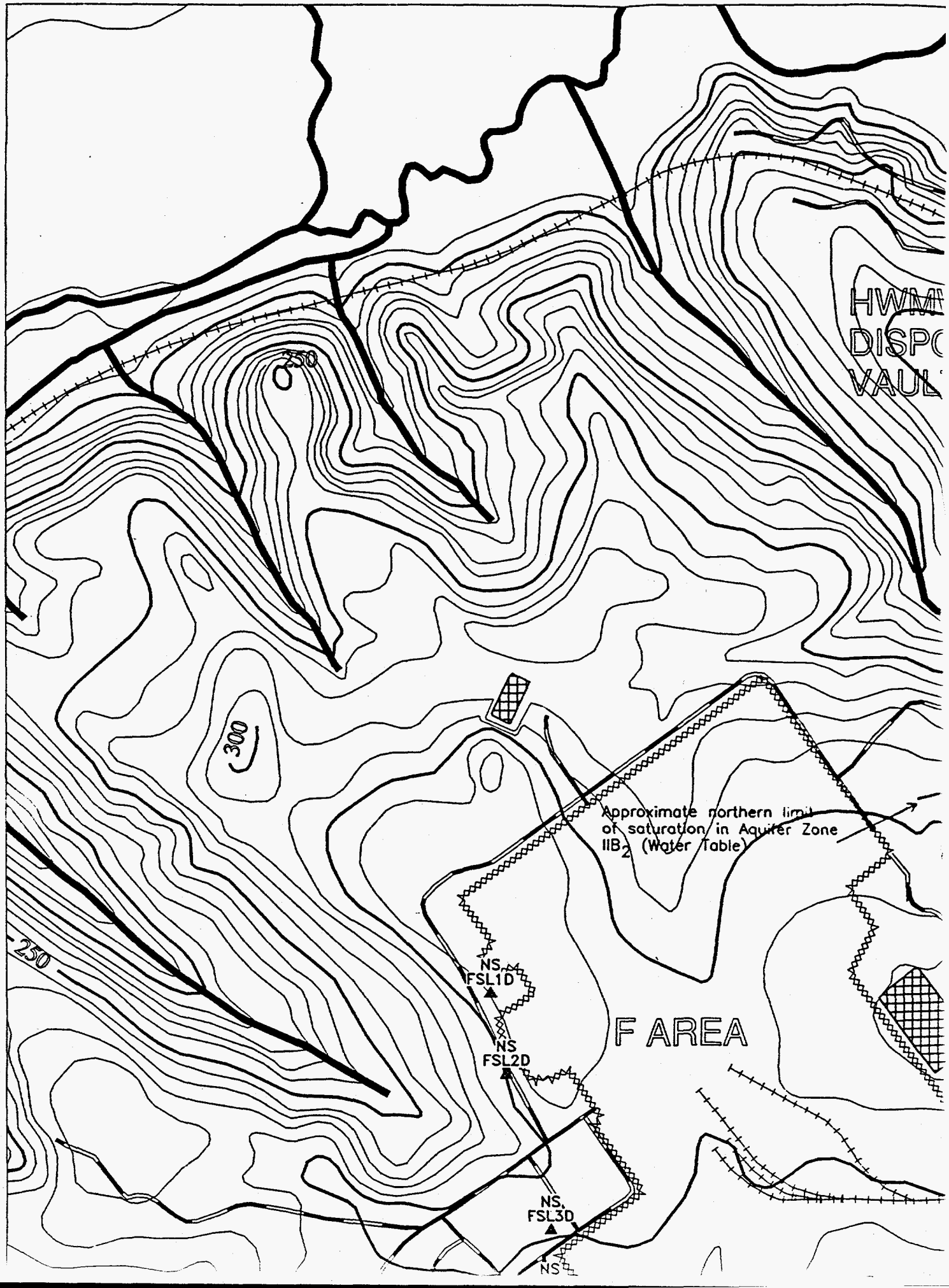
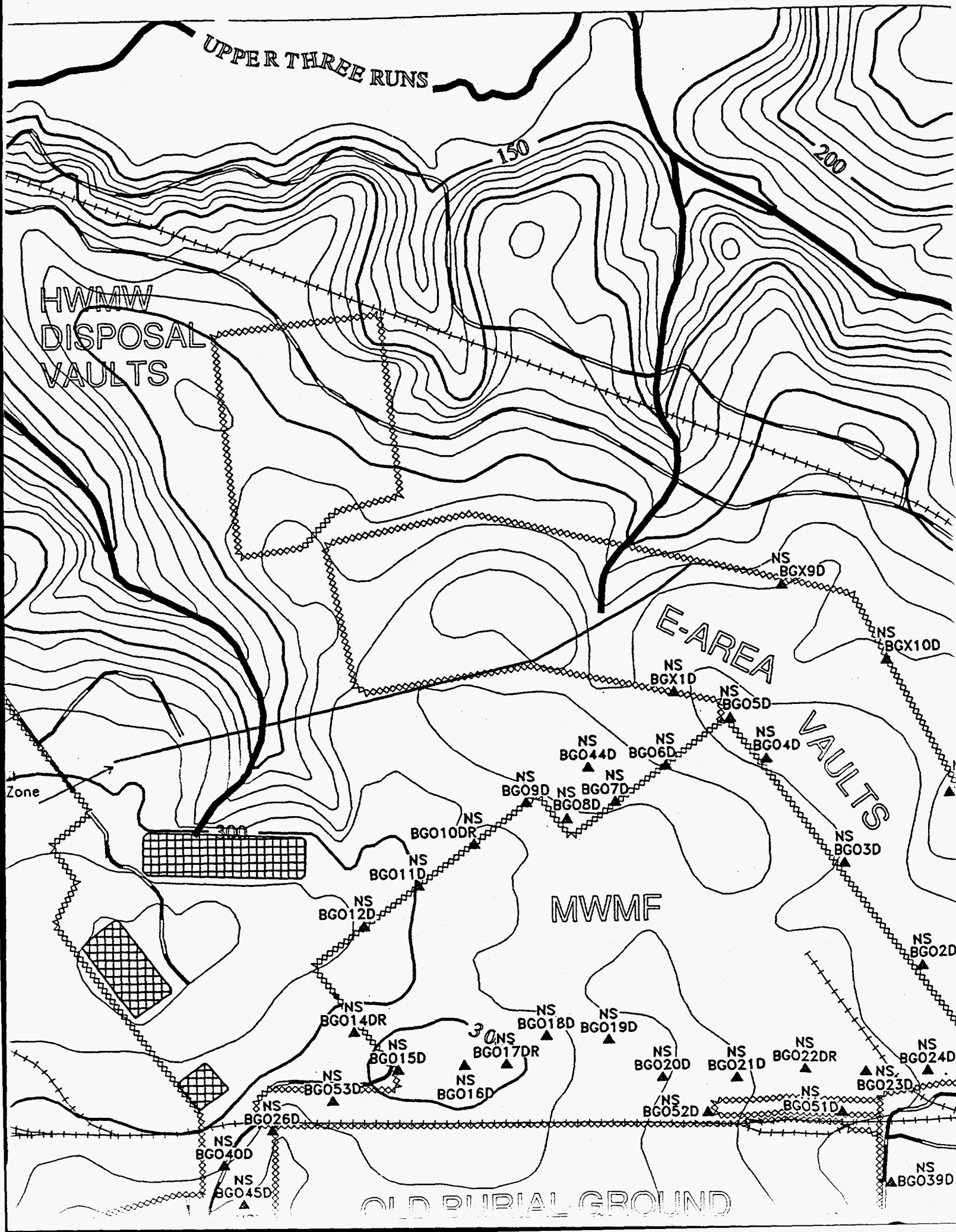
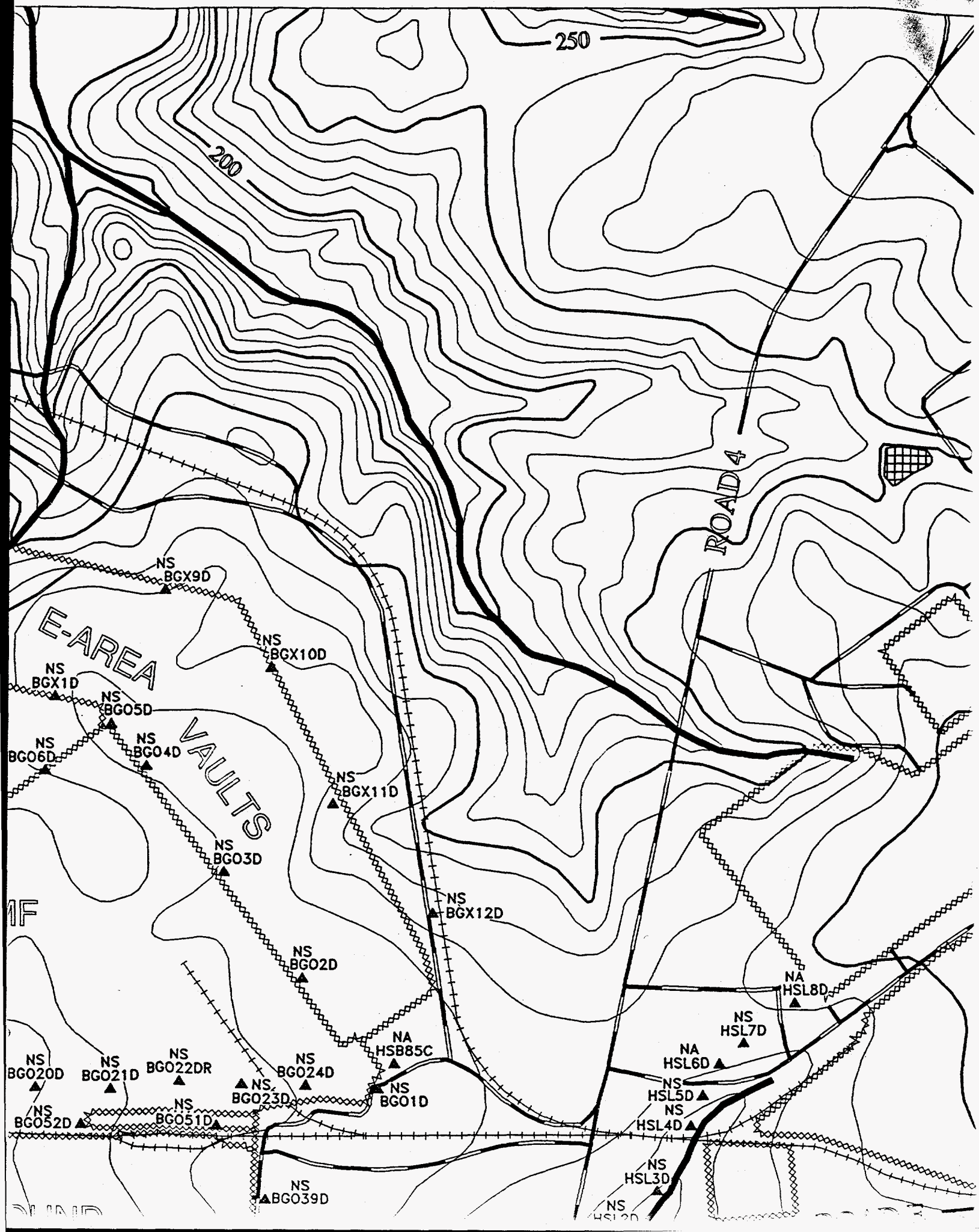
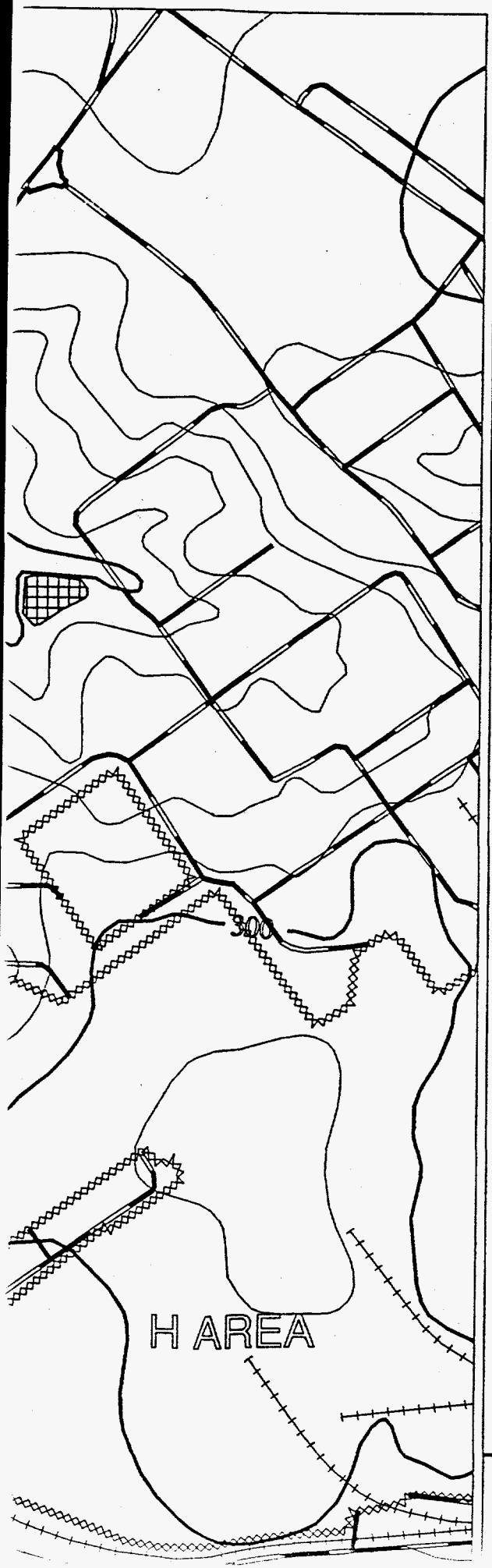

250
300
250
HWM
DISPO
VAUL
Approximate northern limit
of saturation in Aquifer Zone
IIB2 (Water Table)
NS
FSL1D
NS
FSL2D
NS
FSL3D
NS
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
NS BGX9D
NS BGX10D
E-AREA
VAULTS
NS BGX1D
NS BGO5D
NS BGO44D
NS BGO6D
NS BGO4D
NS BGO9D
NS BGO7D
NS BGO8D
Zone
300
NS BGO10DR
NS BGO11D
NS BGO3D
NS BGO12D
MWMF
NS BGO2D
NS BGO14DR
NS BGO18D
NS BGO19D
NS BGO15D
NS BGO17DR
NS BGO20D
NS BGO21D
NS BGO22DR
NS BGO24D
NS BGO53D
NS BGO16D
NS BGO23D
NS BGO26D
NS BGO52D
NS BGO51D
NS BGO40D
NS BGO39D
NS BGO45D
OLD BURIAL GROUND


250
200
ROAD 4
E-AREA VAULTS
NS BGX9D
NS BGX10D
NS BGX1D
NS BGO5D
NS BGO6D
NS BGO4D
NS BGX11D
NS BGO3D
NS BGX12D
NS BGO2D
NA HSB85C
NS BGO20D
NS BGO21D
NS BGO22DR
NS BGO24D
NS BGO23D
NS BGO1D
NS BGO52D
NS BGO51D
NS BGO39D
NA HSL8D
NS HSL7D
NA HSL6D
NS HSL5D
NS HSL4D
NS HSL3D



REFERENCE DOCUMENT

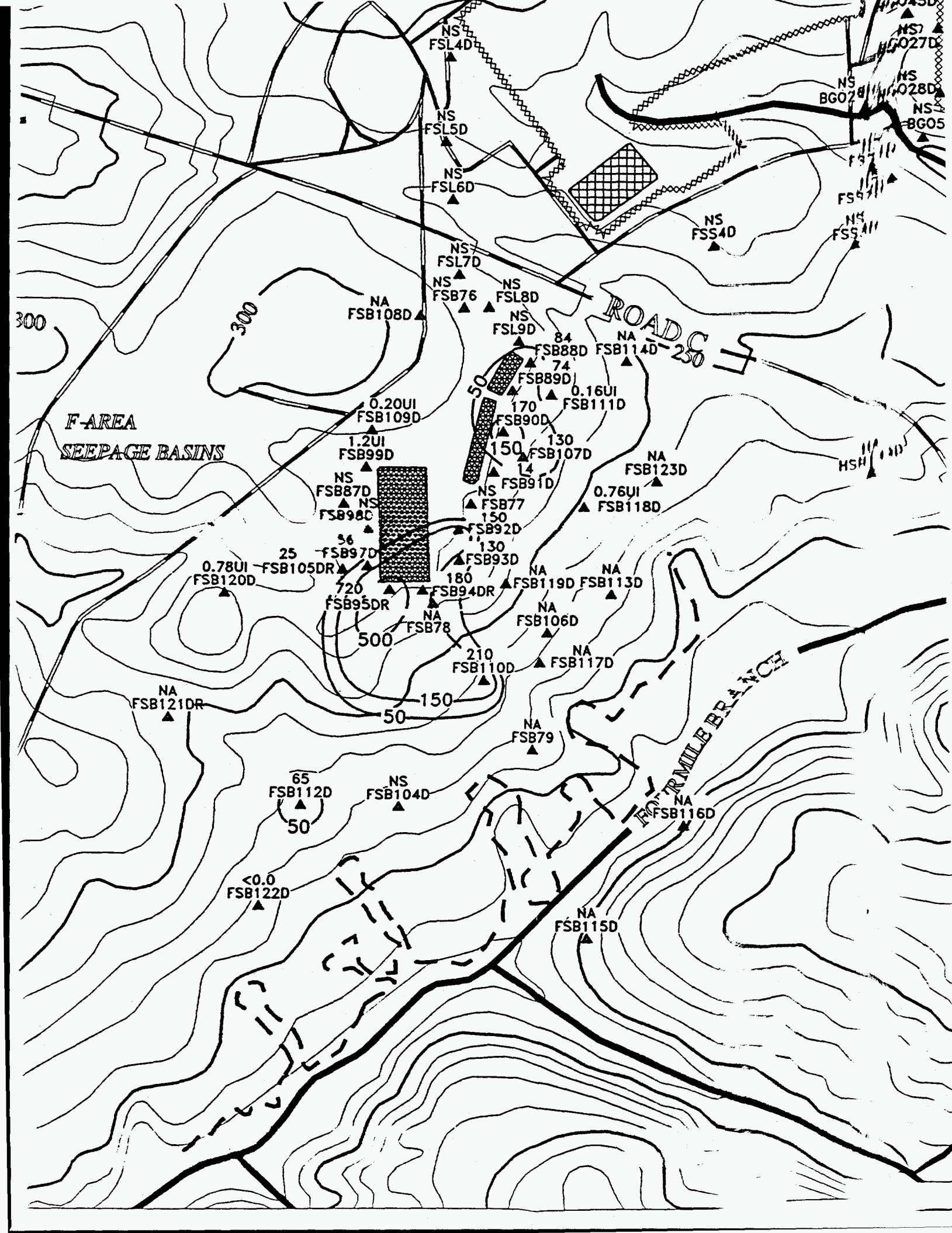
WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

LEGEND

- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

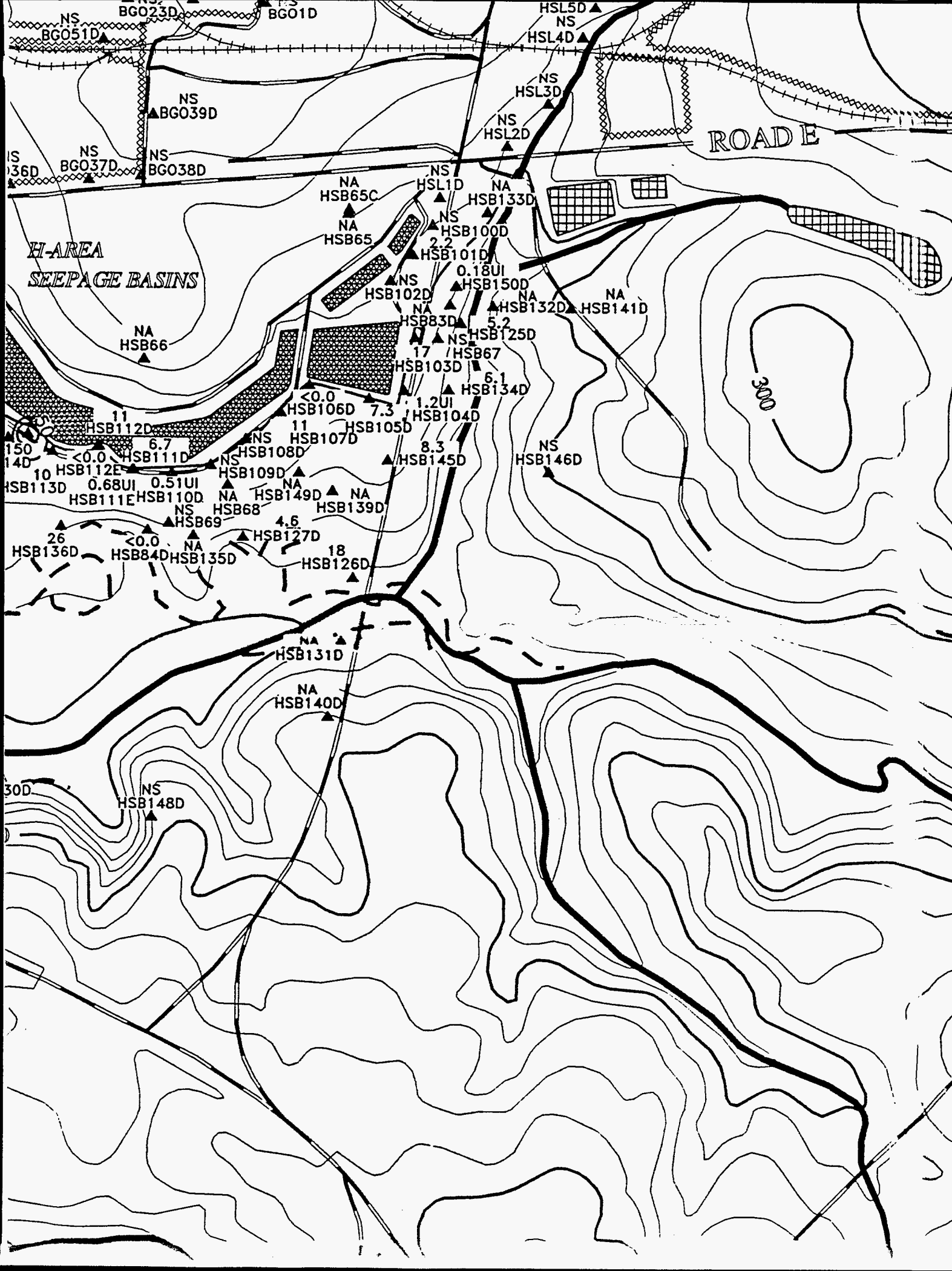
-81.690

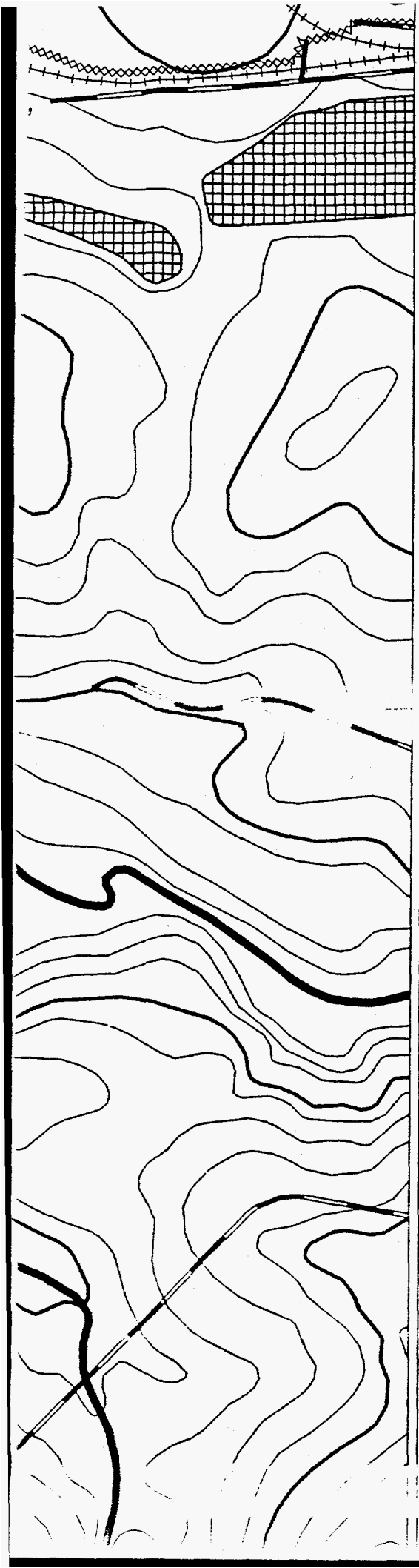
-81.638

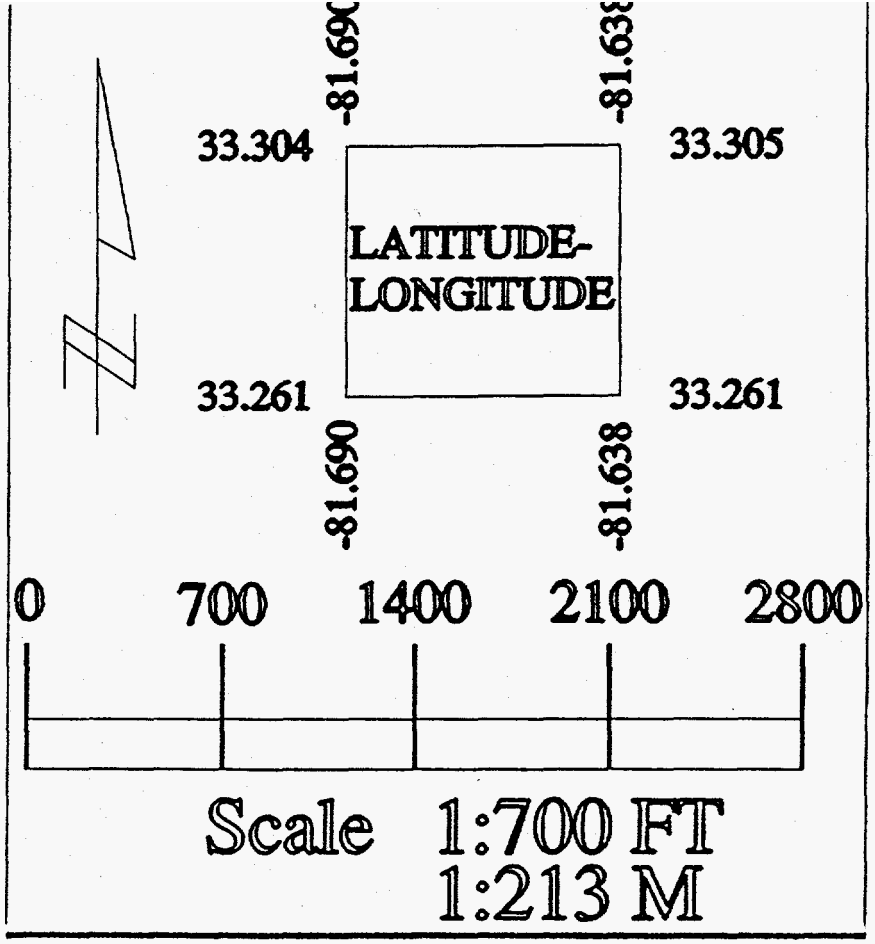


F-AREA
SEEPAGE BASINS
ROAD C
FOURMILE BRANCH
300
250
50
150
500
NS FSL4D
NS FSL5D
NS FSL6D
NS FSL7D
NS FSB76
NS FSL8D
NS FSL9D
NA FSB108D
84 FSB88D
74 FSB89D
NA FSB114D
0.16UI FSB111D
170 FSB90D
130 FSB107D
14 FSB91D
0.20UI FSB109D
1.2UI FSB99D
NS FSB87D
NS FSB98D
NS FSB77
150 FSB92D
130 FSB93D
56 FSB97D
25 FSB105DR
0.78UI FSB120D
720 FSB95DR
180 FSB94DR
NA FSB78
NA FSB119D
NA FSB113D
NA FSB106D
210 FSB110D
NA FSB117D
NA FSB121DR
NA FSB79
65 FSB112D
NS FSB104D
NA FSB116D
<0.0 FSB122D
NA FSB115D
NA FSB123D
0.76UI FSB118D
NS FSS4D
NS BG05
NS BG028D
NS BG027D

OLD BURIAL GROUND
H-AREA
SEEPAGE BASINS
NS BG045D
NS BG027D
NS BG028D
NS BG030D
NS BG031D
NS BG032D
NS BG033D
NS BG034D
NS BG035D
NS BG036D
NS BG037D
NS BG038D
NS BG039D
NS BG050D
NS BG046D
NS BG047D
NS BG048D
NS BG049D
NS HSB147D
NA HSB65C
NA HSB65
NS HSB102D
NA HSB66
NS HSB116D
NS HSB138D
19 HSB115D
11 HSB112D
NA HSB71
NA HSB86D
150
NA HSB70
HSB114D
<0.0 HSB112E
6.7 HSB111D
<0.0 HSB106D
7.3
11 HSB105D
NS HSB107D
NS HSB108D
NS HSB109D
10 HSB113D
0.68UI HSB111E
0.51UI HSB110D
NA HSB149D
NA HSB139D
NA HSB117D
NA HSB137D
NS HSB68
NS HSB69
4.6 HSB127D
26 HSB136D
<0.0 HSB84D
NA HSB135D
18 HSB126D
NA HSB151D
NA HSB142D
NA HSB129D
NA HSB152D
NA HSB131D
NA HSB140D
200
NA HSB130D
NS HSB148D
250
250


H-AREA
SEEPAGE BASINS
ROAD E
300
NS BGO23D
BGO1D
NS BGO51D
NS HSL5D
NS HSL4D
NS HSL3D
NS BGO39D
NS HSL2D
NS BGO37D
NS BGO38D
NS HSL1D
NA HSB65C
NA HSB133D
NA HSB65
NS HSB100D
2.2 HSB101D
0.18UI HSB150D
NS HSB102D
NA HSB132D
NA HSB141D
NA HSB83D
5.2 HSB125D
NA HSB66
NS HSB67
17 HSB103D
6.1 HSB134D
<0.0 HSB106D
7.3
1.2UI HSB104D
11 HSB112D
11 HSB105D
NS HSB107D
6.7 HSB111D
NS HSB108D
8.3 HSB145D
NS HSB146D
<0.0 HSB112E
NS HSB109D
10 HSB113D
0.68UI HSB111E
0.51UI HSB110D
NA HSB149D
NA HSB139D
NS HSB68
NS HSB69
4.6 HSB127D
26 HSB136D
<0.0 HSB84D
NA HSB135D
18 HSB126D
NA HSB131D
NA HSB140D
NS HSB148D





TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

WATER TABLE

CONSTITUENT:

IODINE 129

GWPS = 50 pCi/L

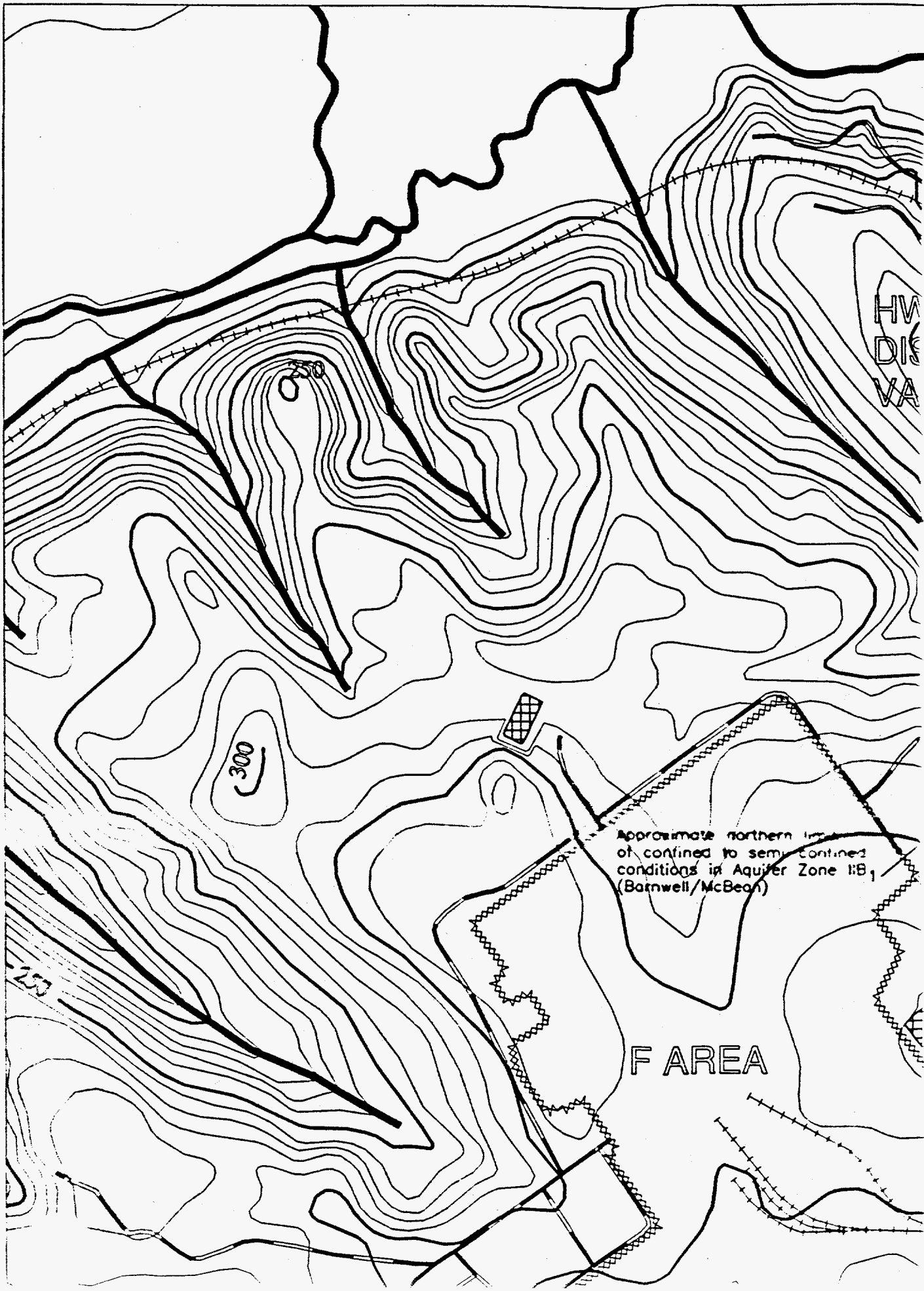
"NS" = Not Sampled

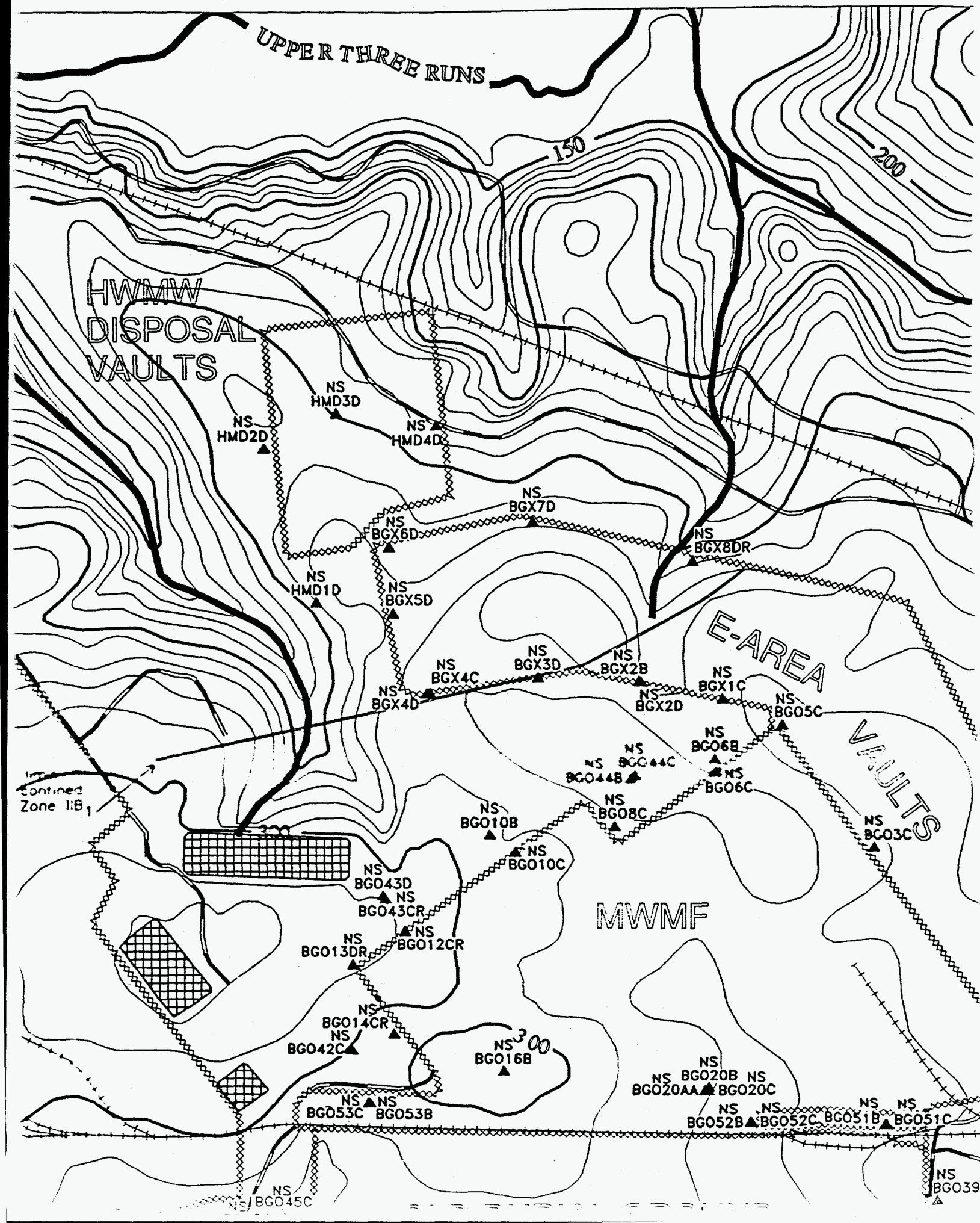
"NA" = Not Analyzed

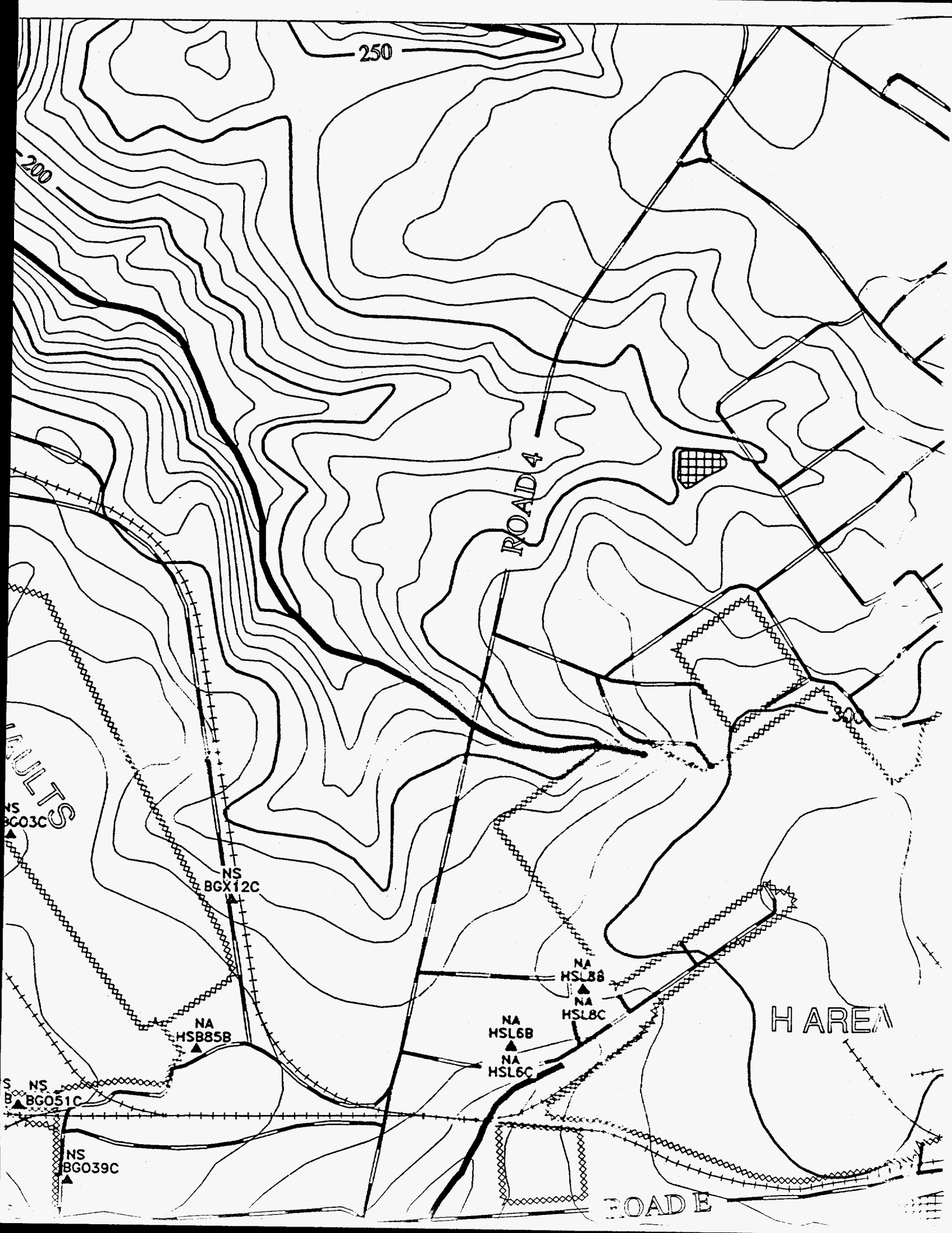
"*" = Wells Not Used to Contour

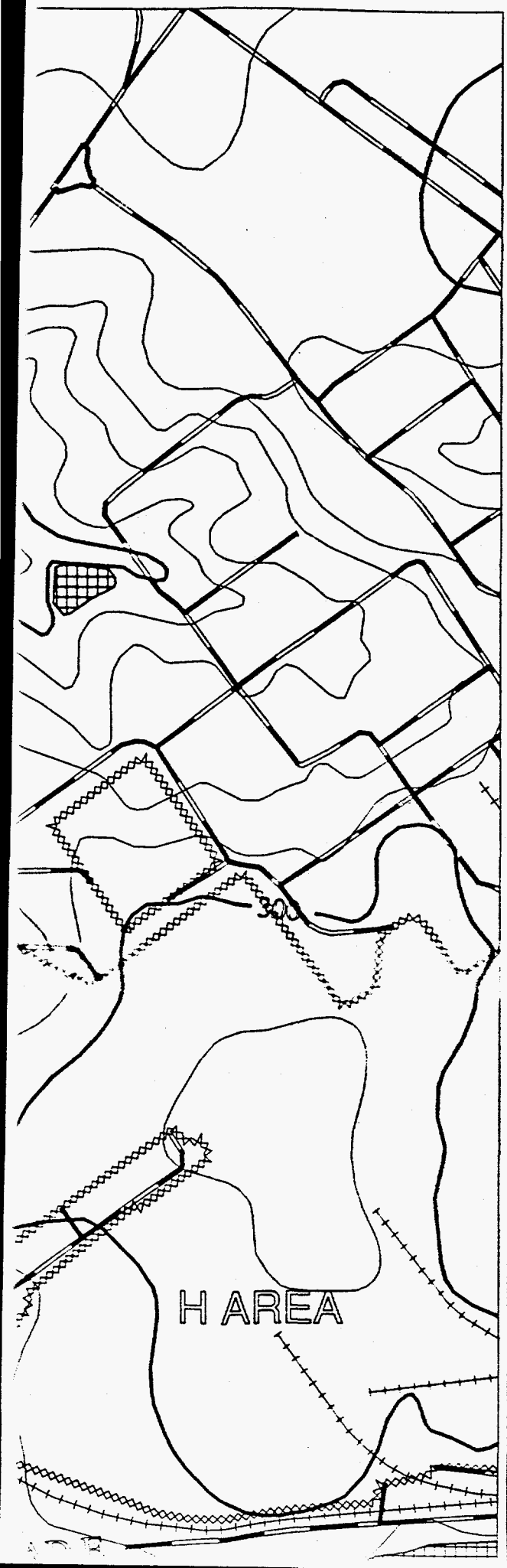
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 50, 150, 500 pCi/L


HW
DIS
VA
250
300
250
Approximate northern limit of confined to semi-confined conditions in Aquifer Zone IIB1 (Barnwell/McBean)
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
NS HMD3D
NS HMD2D
NS HMD4D
NS BGX7D
NS BGX6D
NS BGX8DR
NS HMD1D
NS BGX5D
E-AREA
VAULTS
NS BGX4C
NS BGX3D
NS BGX2B
NS BGX1C
NS BGX4D
NS BGX2D
NS BGO5C
NS BGO6B
NS BGO44C
NS BGO44B
NS BGO6C
Continued
Zone 1:B
NS BGO10B
NS BGO8C
NS BGO3C
NS BGO10C
NS BGO43D
NS BGO43CR
MWMF
NS BGO13DR
NS BGO12CR
NS BGO14CR
NS BGO42C
300
NS BGO16B
NS BGO20B
NS BGO20AA
NS BGO20C
NS BGO53C
NS BGO53B
NS BGO52B
NS BGO52C
NS BGO51B
NS BGO51C
NS BGO45C
NS BGO39


250
200
ROAD 4
NS
BGO3C
NS
BGX12C
NA
HSB85B
NS
BGO51C
NS
BGO39C
NA
HSL8B
NA
HSL8C
NA
HSL6B
NA
HSL6C
HARE
ROAD E



REFERENCE DOCUMENT

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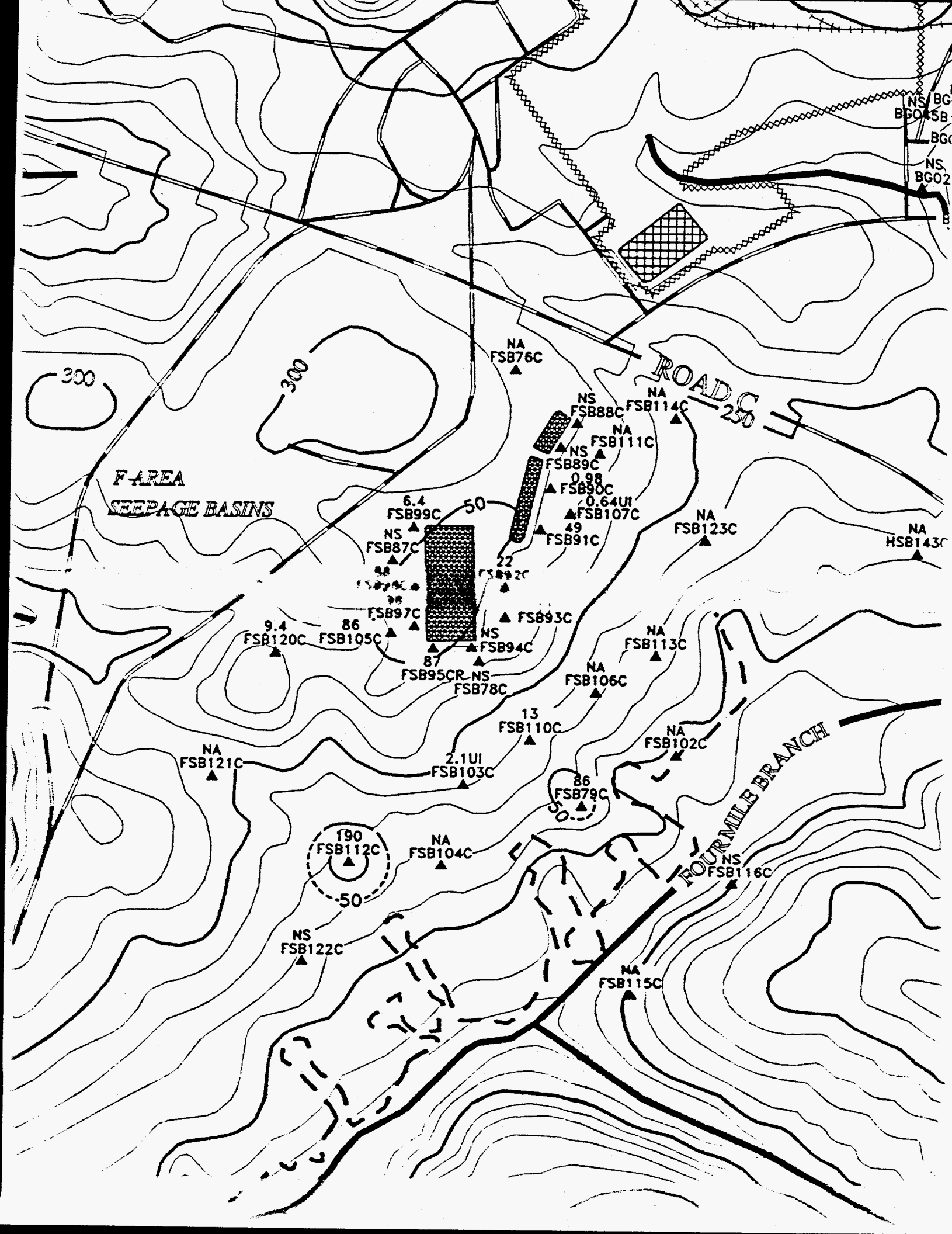
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

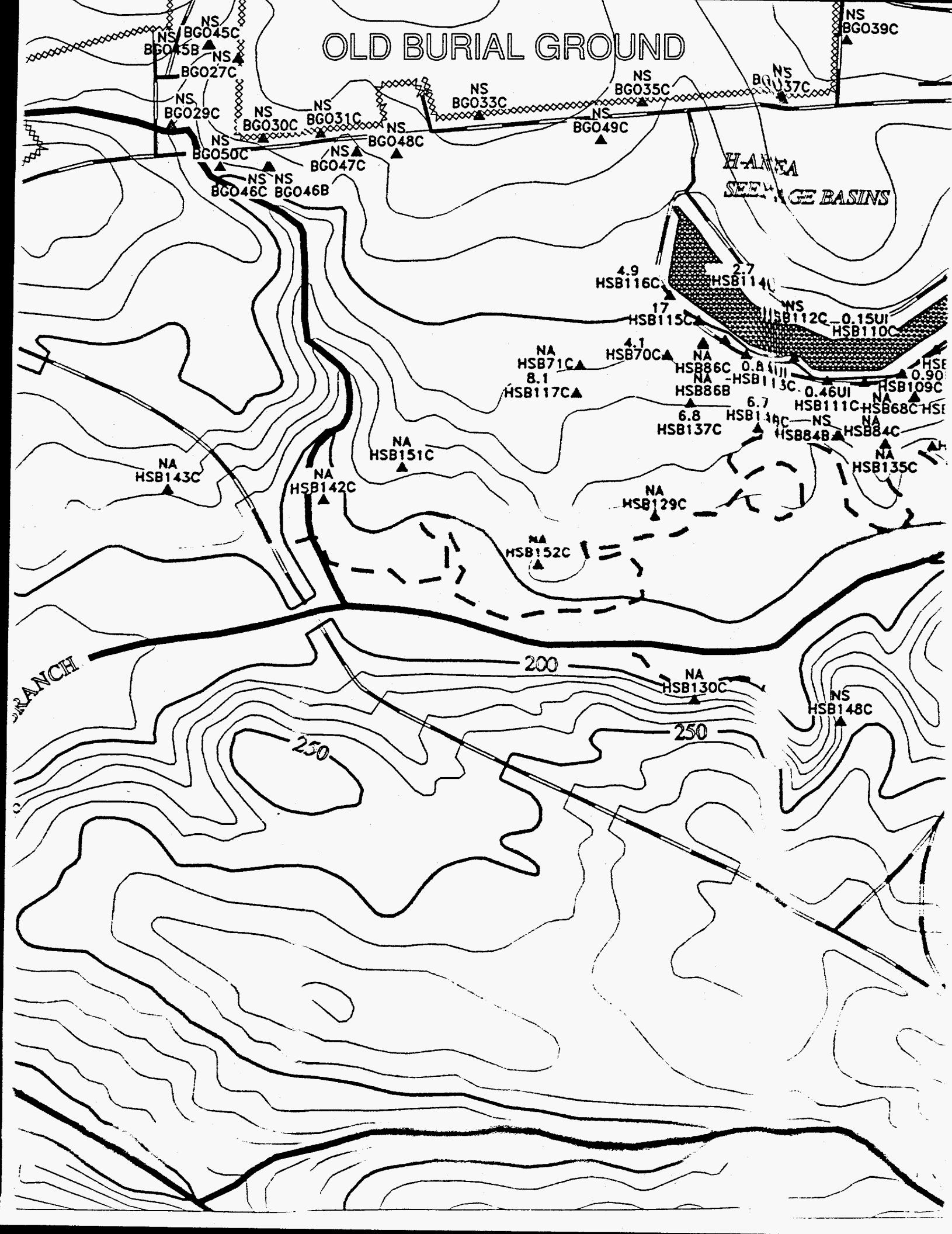
LEGEND

- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

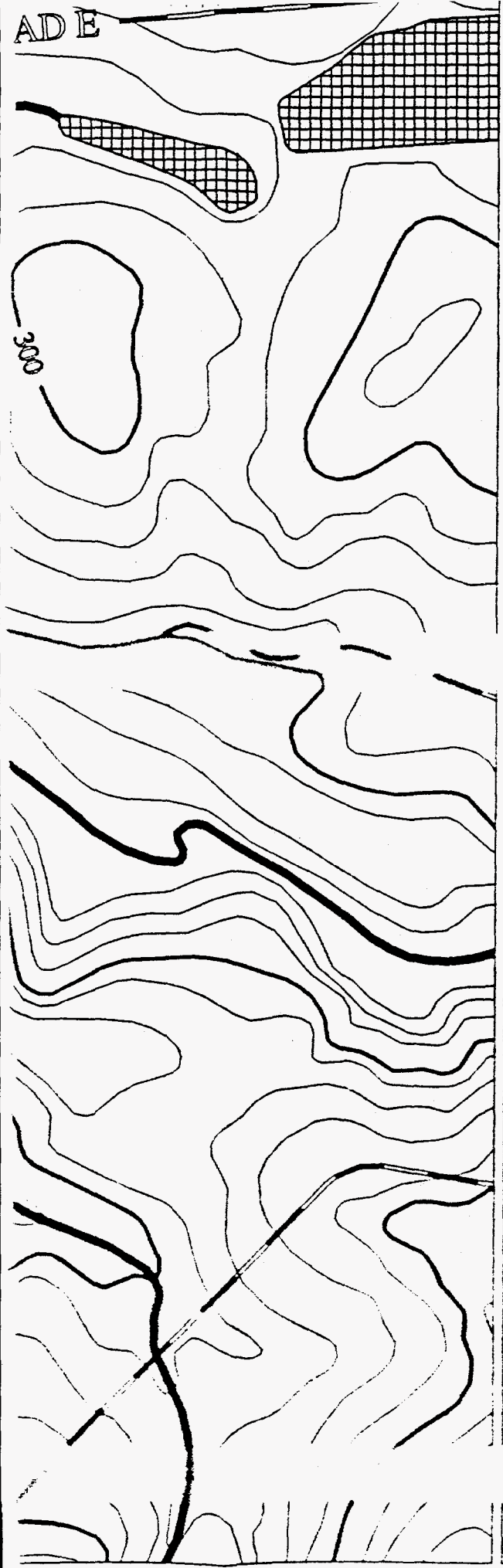
-81.690 -81.638

33.304 33.305


F-AREA
SEEPAGE BASINS
ROAD C
FOUR MILE BRANCH
300
250
50
NA FSB76C
NS FSB88C
NA FSB114C
NA FSB111C
NS FSB89C
0.98 FSB90C
0.64UI FSB107C
6.4 FSB99C
NS FSB87C
49 FSB91C
NA FSB123C
NA HSB143C
22
FSB97C
FSB93C
9.4 FSB120C
86 FSB105C
NS FSB94C
87 FSB95CR
NS FSB78C
NA FSB113C
NA FSB106C
13 FSB110C
NA FSB102C
NA FSB121C
2.1UI FSB103C
86 FSB79C
190 FSB112C
NA FSB104C
NS FSB116C
NS FSB122C
NA FSB115C


OLD BURIAL GROUND
NS BG045C
NS BG045B
NS BG027C
NS BG029C
NS BG030C
NS BG031C
NS BG048C
NS BG050C
NS BG047C
NS BG046C
NS BG046B
NS BG033C
NS BG035C
NS BG037C
NS BG039C
NS BG049C
H-AREA
SEEPAGE BASINS
4.9 HSB116C
2.7 HSB114C
17 HSB115C
NS HSB112C
0.15UI HSB110C
NA HSB71C
8.1 HSB117C
4.1 HSB70C
NA HSB86C
NA HSB86B
0.8 HSB113C
0.46UI HSB111C
0.90 HSB109C
NA HSB68C
6.8 HSB137C
6.7 HSB138C
NS HSB84B
NA HSB84C
NA HSB135C
NA HSB143C
NA HSB142C
NA HSB151C
NA HSB129C
NA HSB152C
NA HSB130C
NS HSB148C
200
250
250
RANCH

ROAD E
BG039C
NA HSB65B
0.81UI HSB100C
NA HSB133C
0.35UI HSB101C
0.75UI HSB102C
NA HSB83C
NA HSB132C
NS HSB141CR
NA HSB83B
NS HSB103C
NA HSB125C
0.23UI HSB104C
NA HSB134C
0.52UI HSB106C
-0.15UI HSB105C
NA HSB145C
NA HSB146C
NS HSB112C
0.15UI HSB110C
-0.046UI HSB107C
0.33UI HSB108C
0.90UI HSB109C
NA HSB139C
NS HSB68B
NA HSB68C
0.46UI HSB111C
NA HSB84C
NS HSB84B
NA HSB127C
NA HSB126C
NA HSB135C
NA HSB140C
NS HSB148C
300
GE BASINS



33.304 33.305

LATITUDE-
LONGITUDE

33.261 33.261

-81.690 -81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

BARNWELL/McBEAN

CONSTITUENT:

IODINE 129

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"NS" = Not Sampled

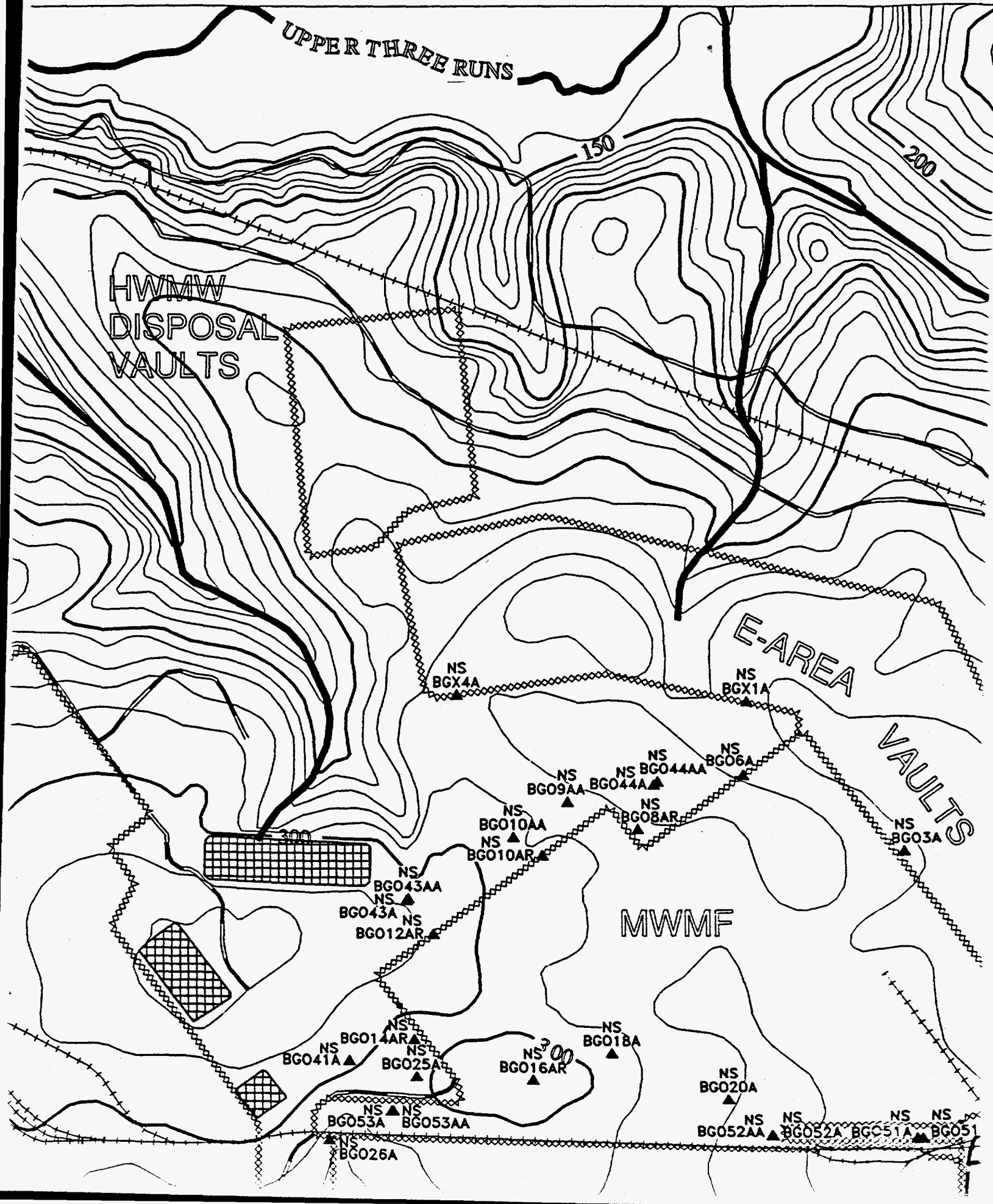
"NA" = Not Analyzed

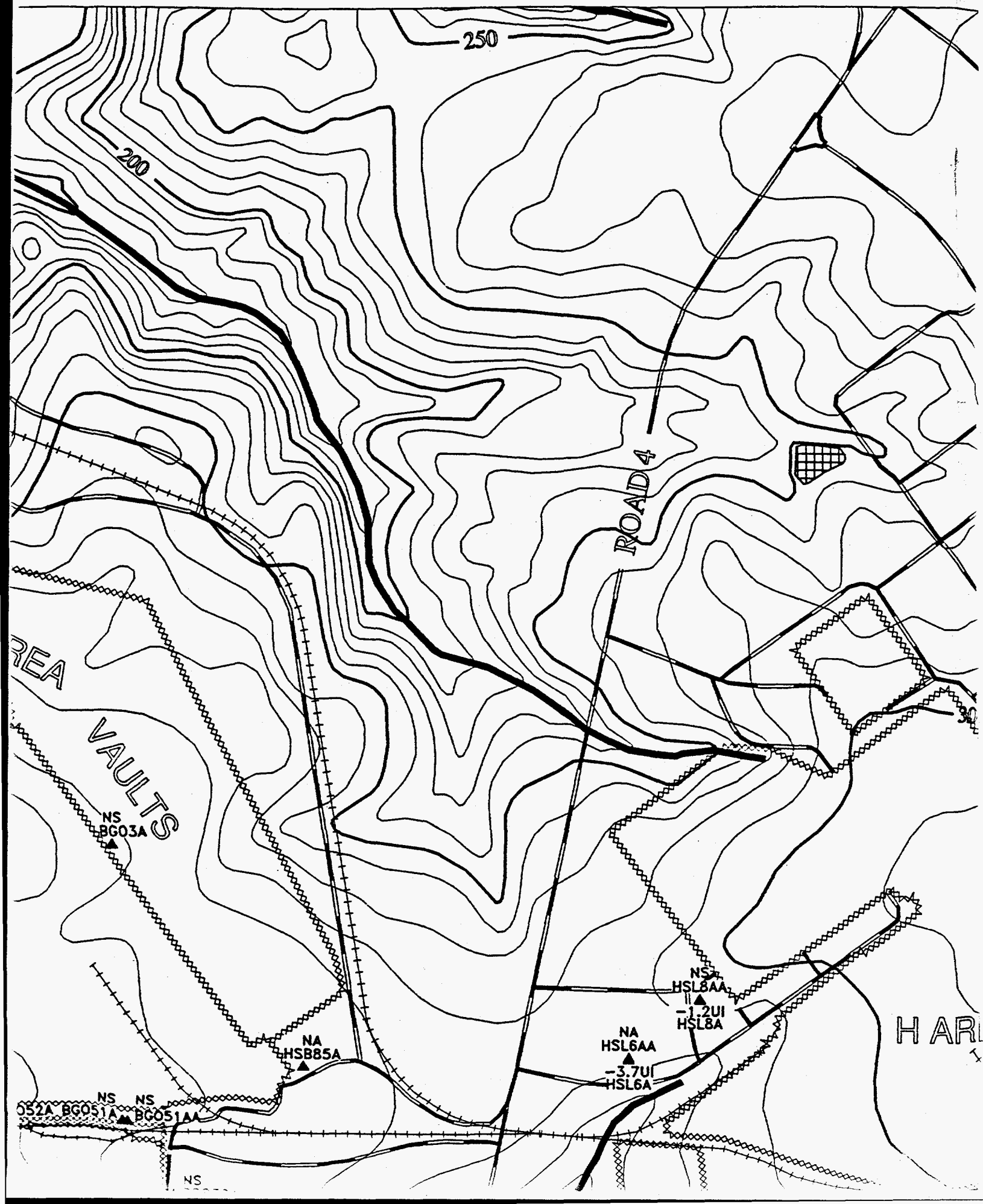
"*" = Wells Not Used to Contour

"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 50, 150, 500 pCi/L

250
300
250
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
E-AREA
VAULTS
MWMF
300
NS BGX4A
NS BGX1A
NS BG06A
NS BG044AA
NS BG044A
NS BG09AA
NS BG08AR
NS BG010AA
NS BG010AR
NS BG03A
NS BG043AA
NS BG043A
NS BG012AR
NS BG014AR
NS BG041A
NS BG025A
NS BG018A
NS BG016AR
NS BG020A
NS BG053A
NS BG053AA
NS BG026A
NS BG052AA
NS BG052A
NS BG051A
NS BG051


250
200
ROAD 4
REA
VAULTS
NS
BG03A
NA
HSB85A
NS
BG051A
NS
BG051AA
NS
HSL8AA
-1.2UI
HSL8A
NA
HSL6AA
-3.7UI
HSL6A
H ARL

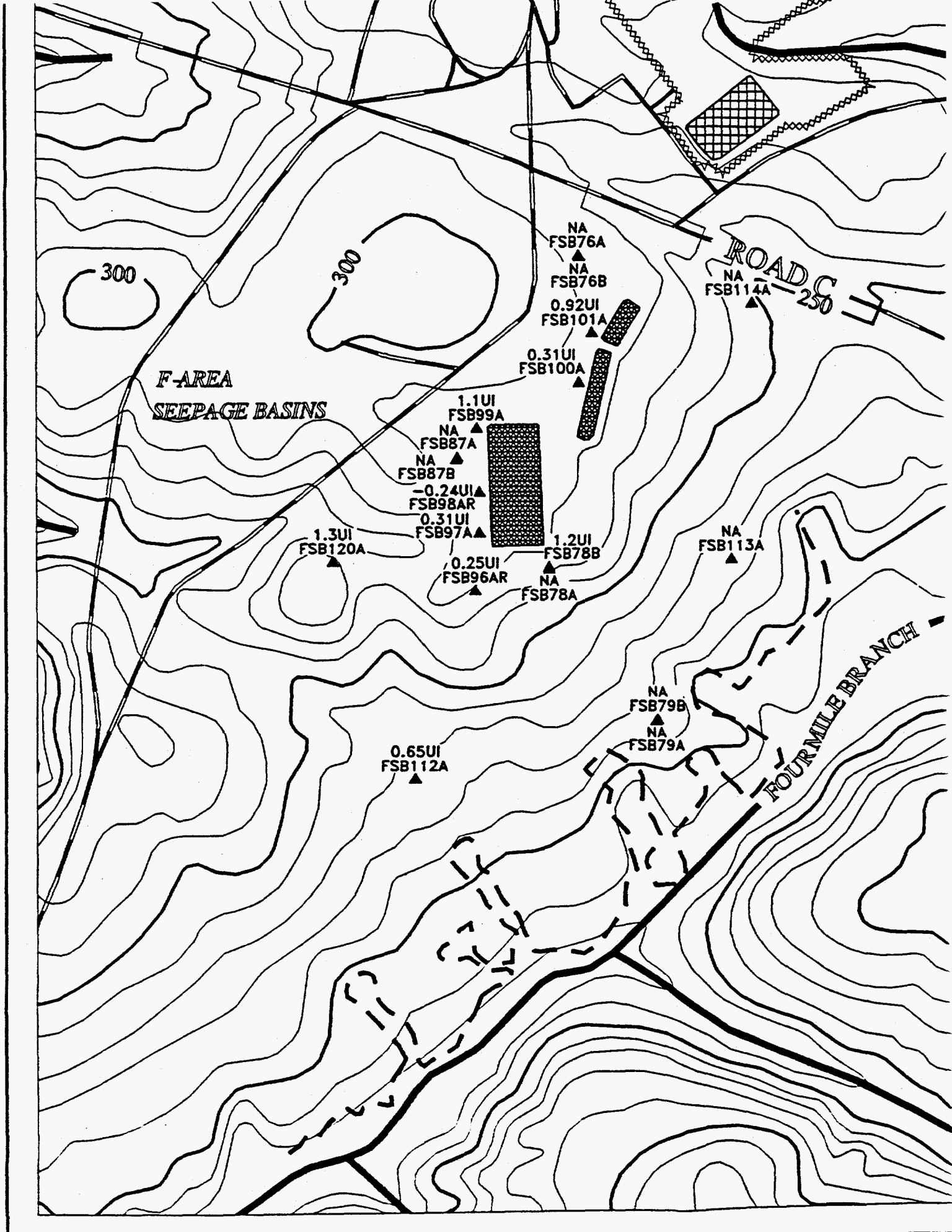
REFERENCE DOCUMENT

WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

LEGEND

- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

.690 .638


300
300
F-AREA
SEEPAGE BASINS
NA
FSB76A
NA
FSB76B
0.92UI
FSB101A
0.31UI
FSB100A
1.1UI
FSB99A
NA
FSB87A
NA
FSB87B
-0.24UI
FSB98AR
0.31UI
FSB97A
1.3UI
FSB120A
0.25UI
FSB96AR
1.2UI
FSB78B
NA
FSB78A
NA
FSB114A
ROAD C
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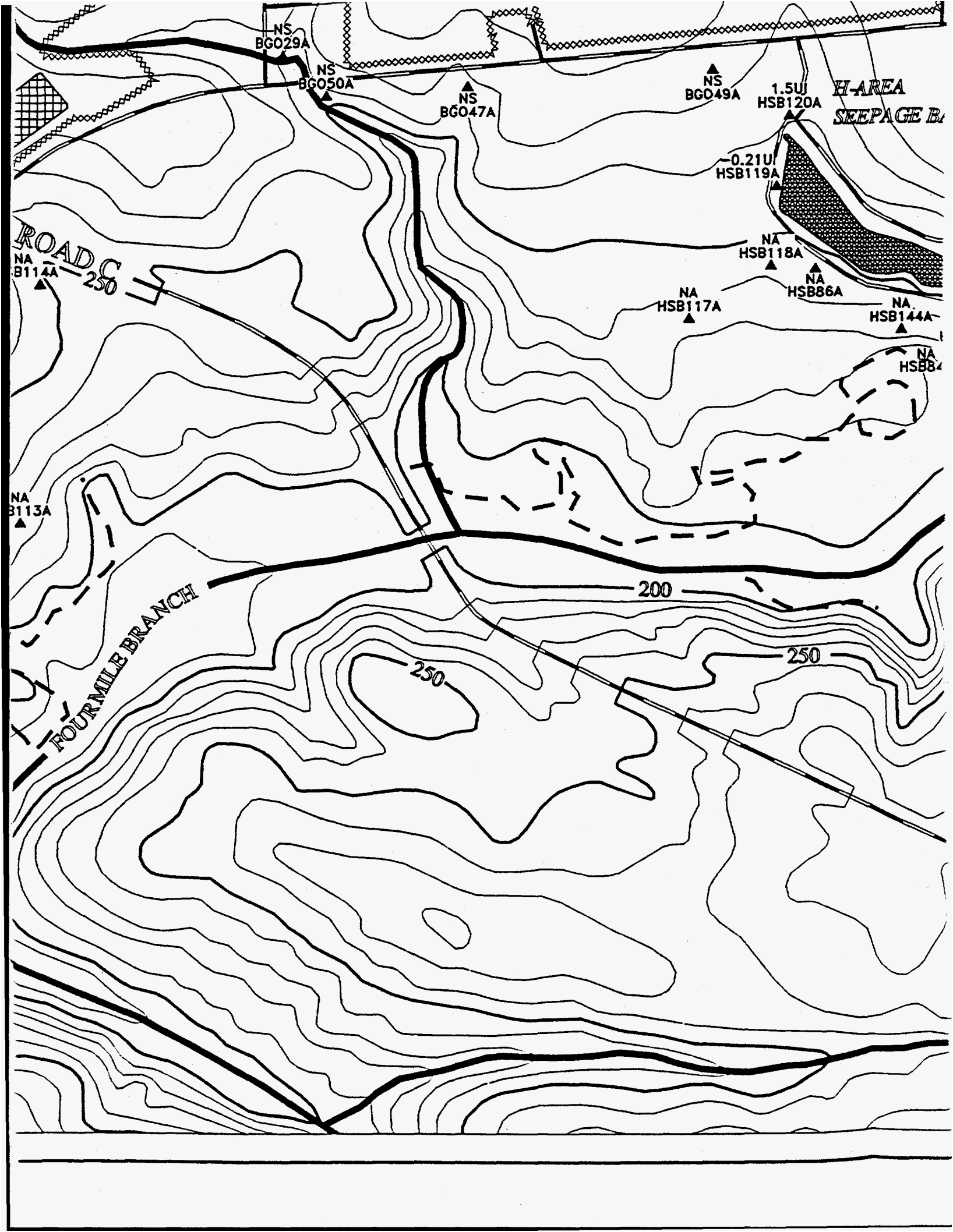
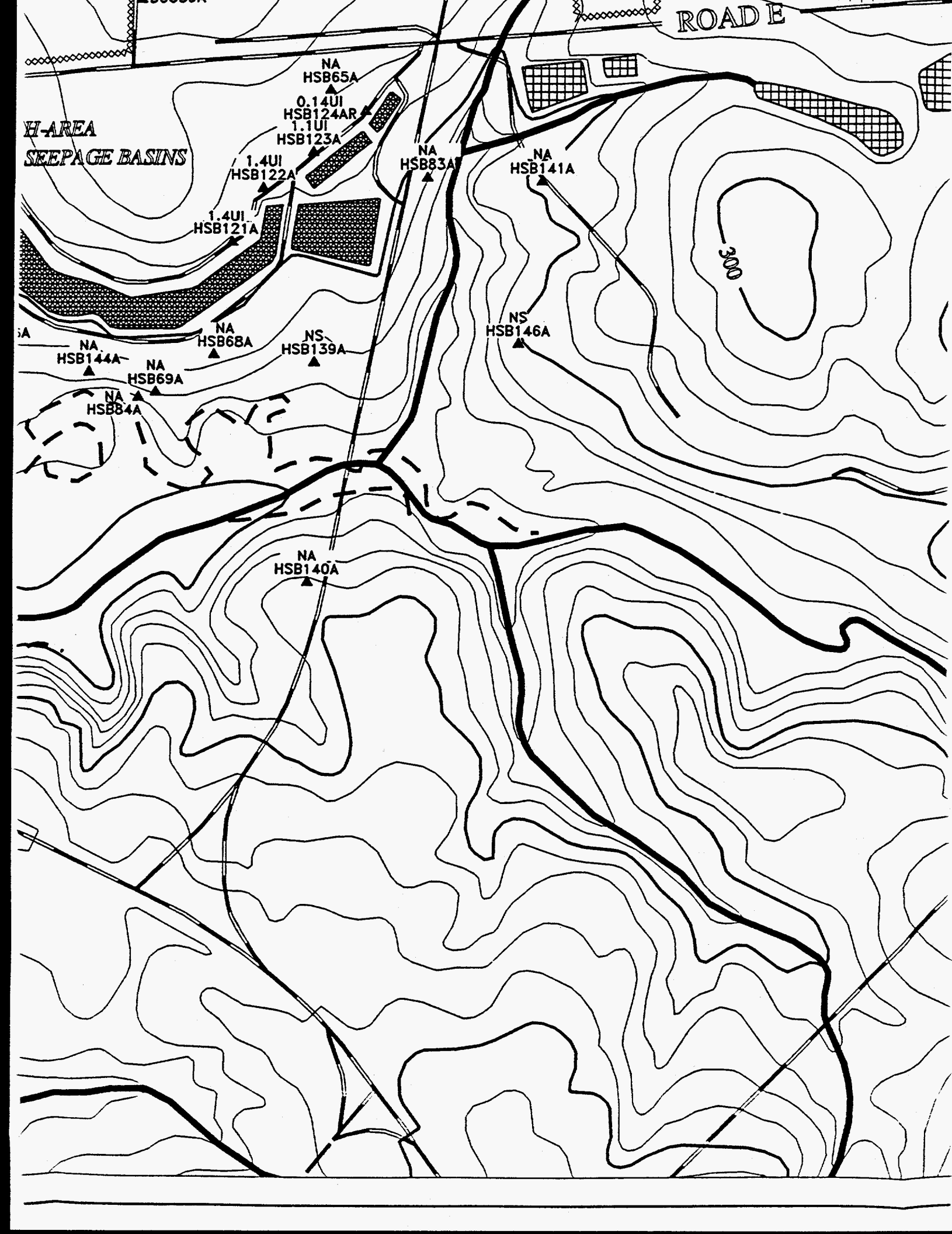
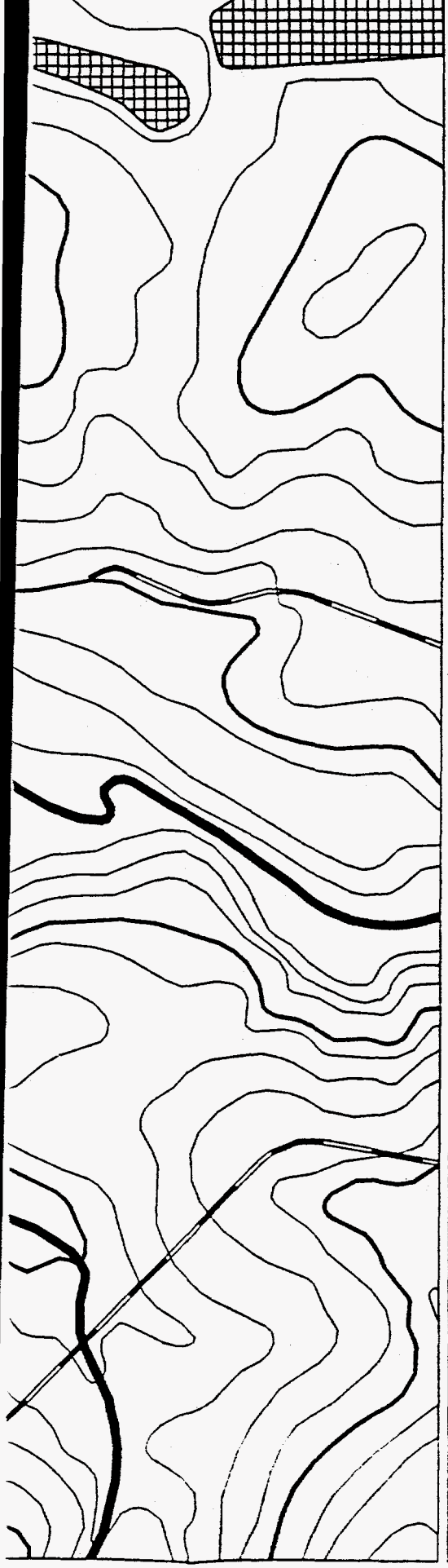
FSB113A
NA
FSB79B
NA
FSB79A
0.65UI
FSB112A
FOURMILE BRANCH


NS
BG029A
NS
BG050A
NS
BG047A
NS
BG049A
1.5UJ
HSB120A
H-AREA
SEEPAGE B
0.21UJ
HSB119A
NA
HSB118A
NA
HSB86A
NA
HSB117A
NA
HSB144A
NA
HSB8
NA
B114A
NA
B113A
ROAD C
250
200
250
250
FOUR MILE BRANCH


ROAD E
H-AREA
SEEPAGE BASINS
NA
HSB65A
0.14UI
HSB124AR
1.1UI
HSB123A
1.4UI
HSB122A
1.4UI
HSB121A
NA
HSB83A
NA
HSB141A
300
NA
HSB68A
NS
HSB139A
NS
HSB146A
NA
HSB144A
NA
HSB69A
NA
HSB84A
NA
HSB140A



LATITUDE-
LONGITUDE

33.261

33.261

-81.690

-81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

CONGAREE

CONSTITUENT:

IODINE 129

GWPS = 50 pCi/L

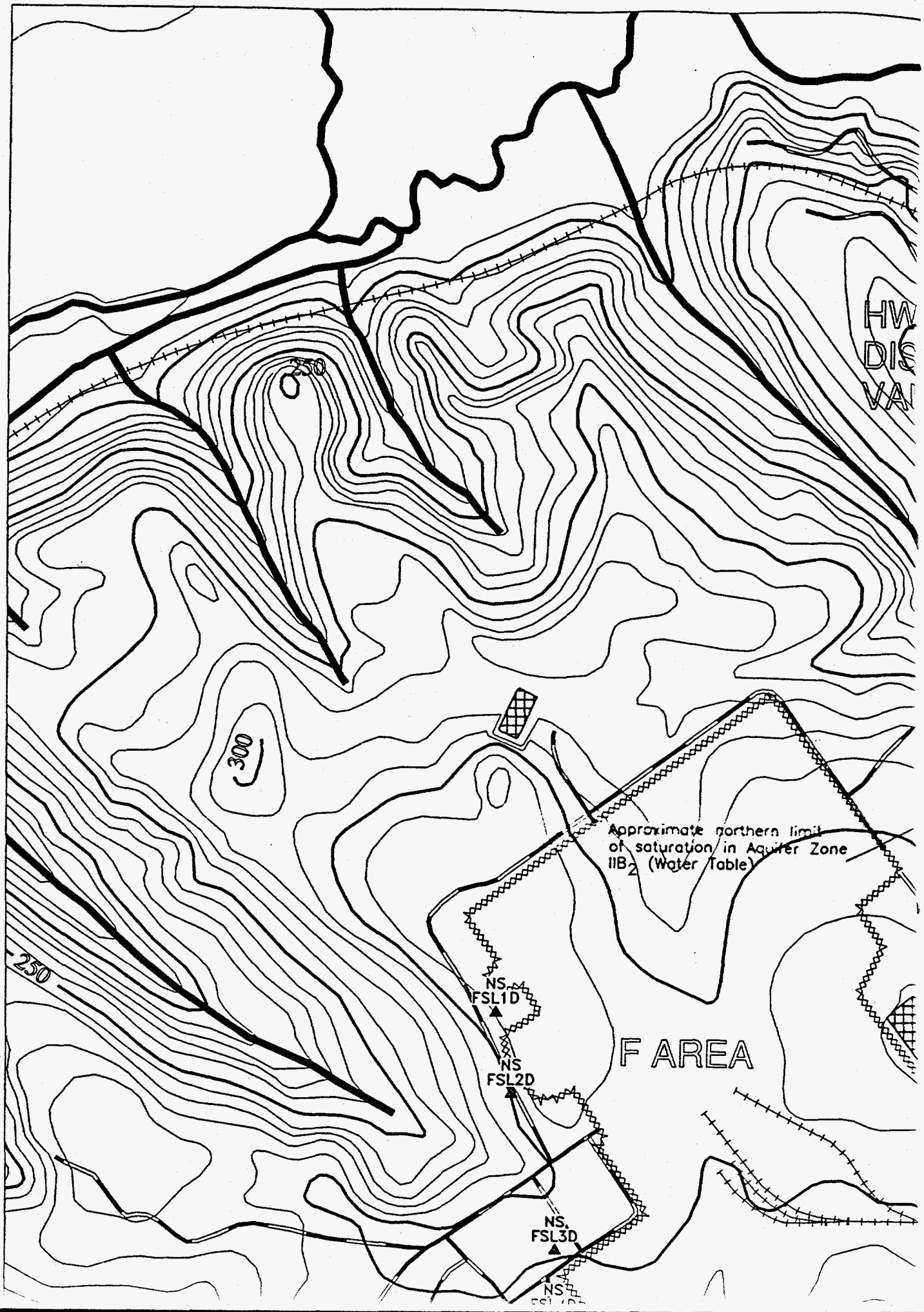
"NS" = Not Sampled

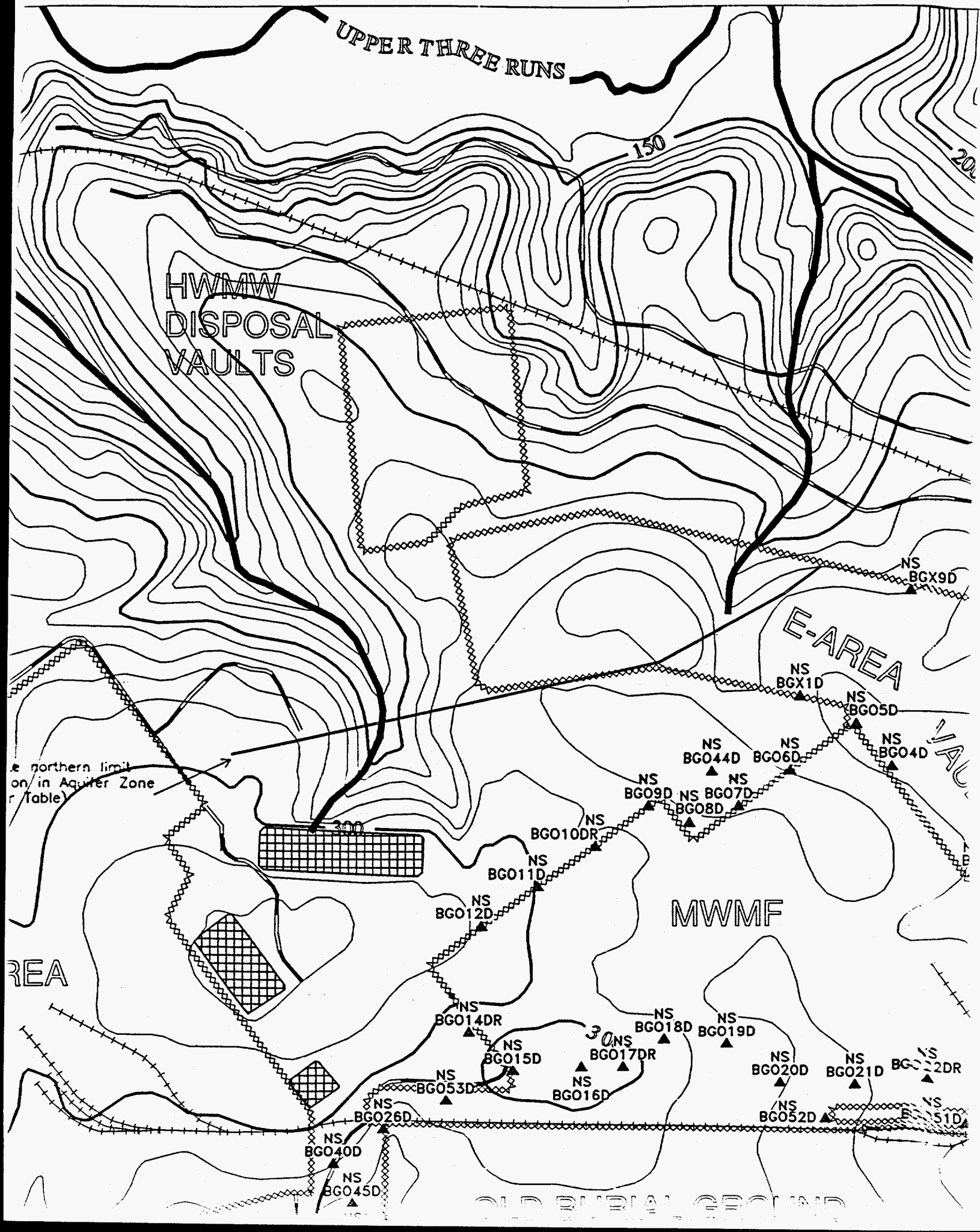
"NA" = Not Analyzed

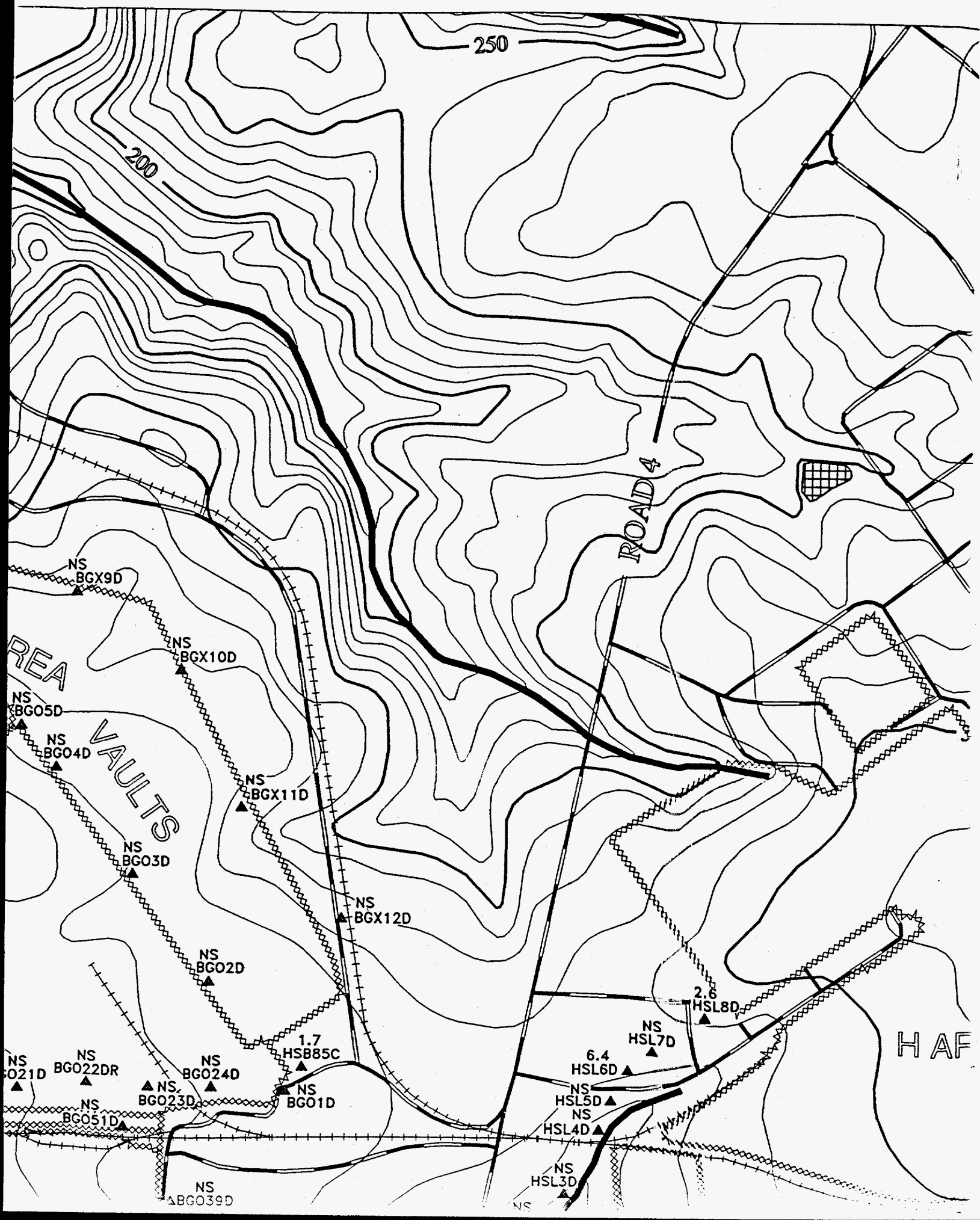
"*" = Wells Not Used to Contour

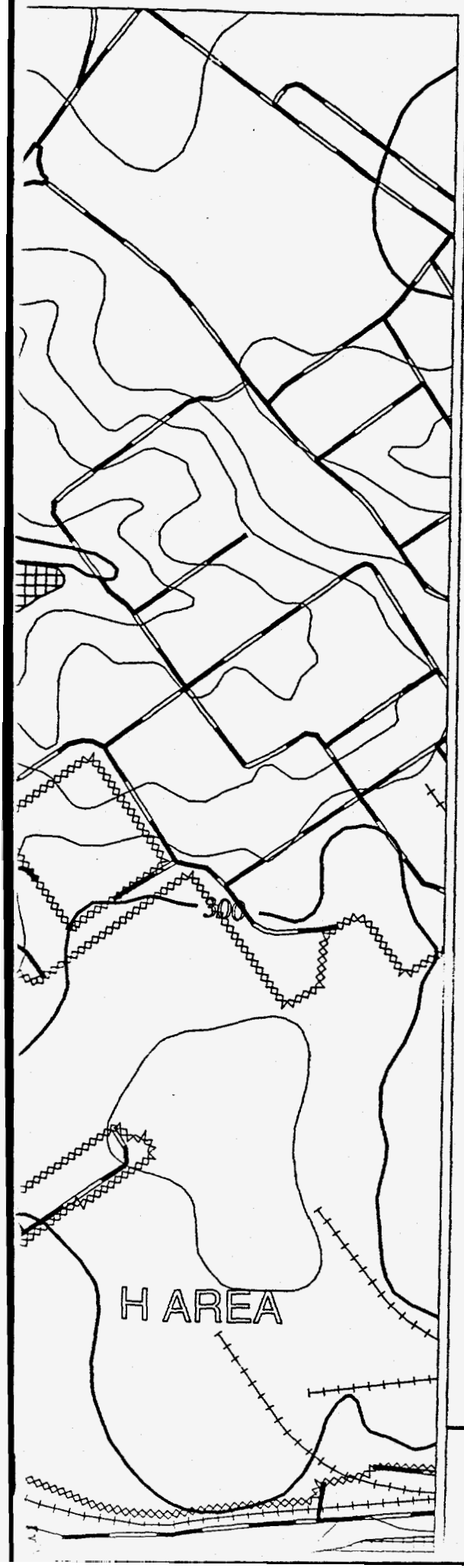
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 50, 150, 500 pCi/L


250
300
250
Approximate northern limit of saturation in Aquifer Zone IIB2 (Water Table)
NS FSL1D
NS FSL2D
NS FSL3D
F AREA


UPPER THREE RUNS
150
HWMW
DISPOSAL
VAULTS
NS
BGX9D
E-AREA
NS
BGX1D
NS
BGO5D
NS
BGO44D
NS
BGO6D
NS
BGO4D
NS
BGO9D
NS
BGO7D
NS
BGO8D
NS
BGO10DR
NS
BGO11D
NS
BGO12D
300
MWMF
NS
BGO14DR
NS
BGO18D
NS
BGO19D
NS
BGO15D
NS
BGO17DR
NS
BGO16D
NS
BGO53D
NS
BGO20D
NS
BGO21D
NS
BGO26D
NS
BGO52D
NS
BGO40D
NS
BGO45D


250
200
ROAD 4
REA
VAULTS
NS BGX9D
NS BGX10D
NS BGO5D
NS BGO4D
NS BGX11D
NS BGO3D
NS BGX12D
NS BGO2D
2.6 HSL8D
NS HSL7D
1.7 HSB85C
6.4 HSL6D
NS BGO21D
NS BGO22DR
NS BGO24D
NS BGO23D
NS BGO1D
NS HSL5D
NS BGO51D
NS HSL4D
NS HSL3D
NS BGO39D
HAF



REFERENCE DOCUMENT

WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report

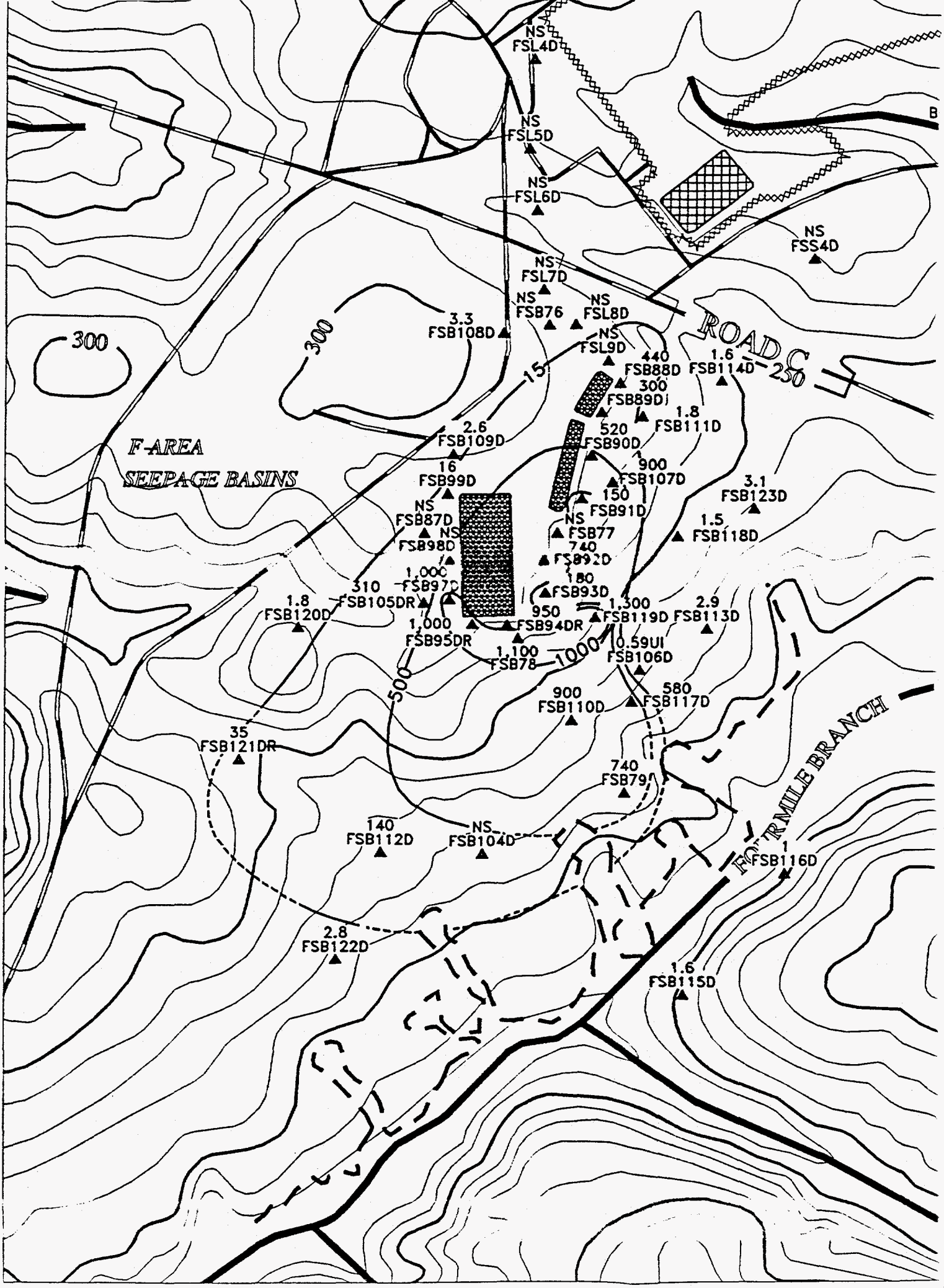
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

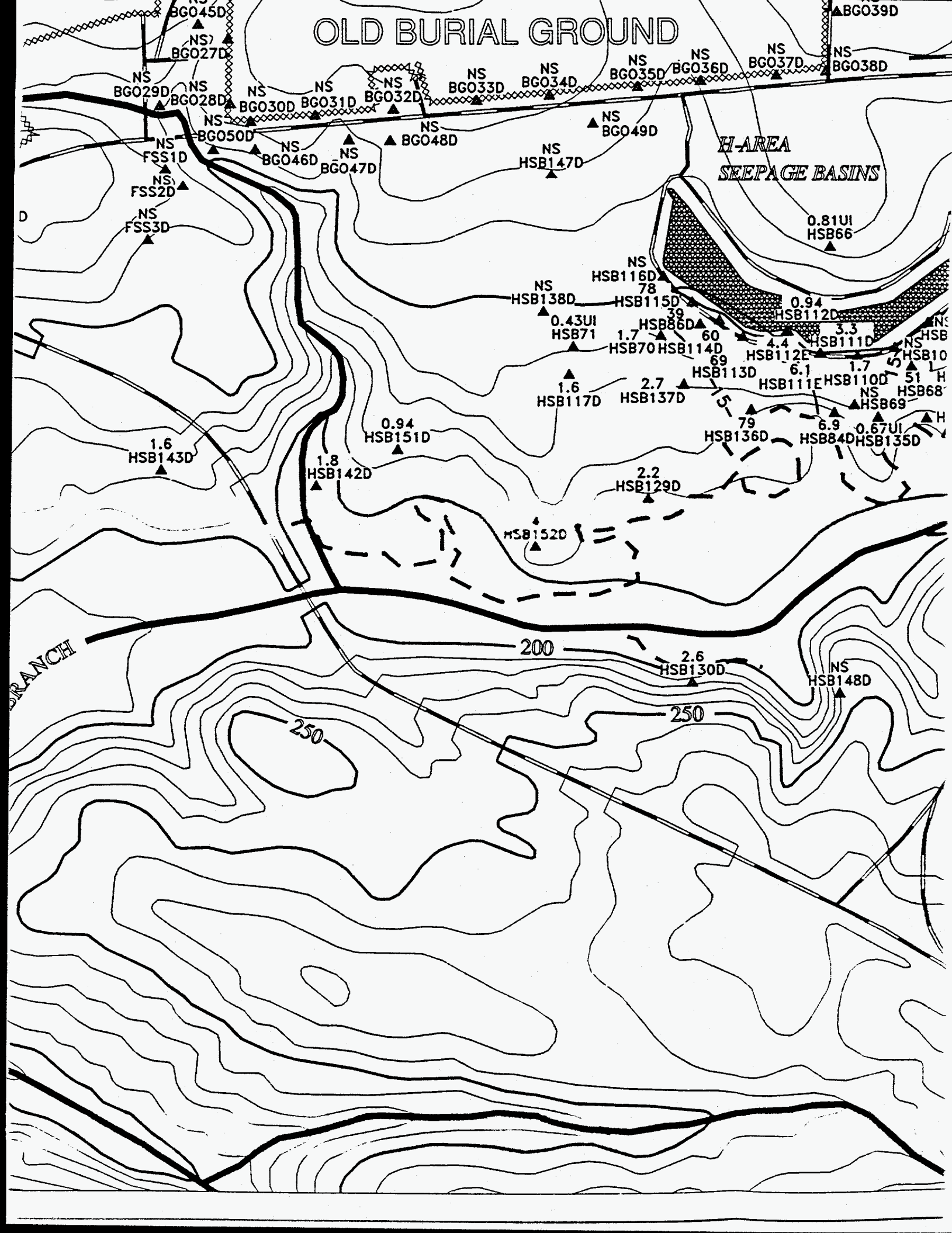
LEGEND

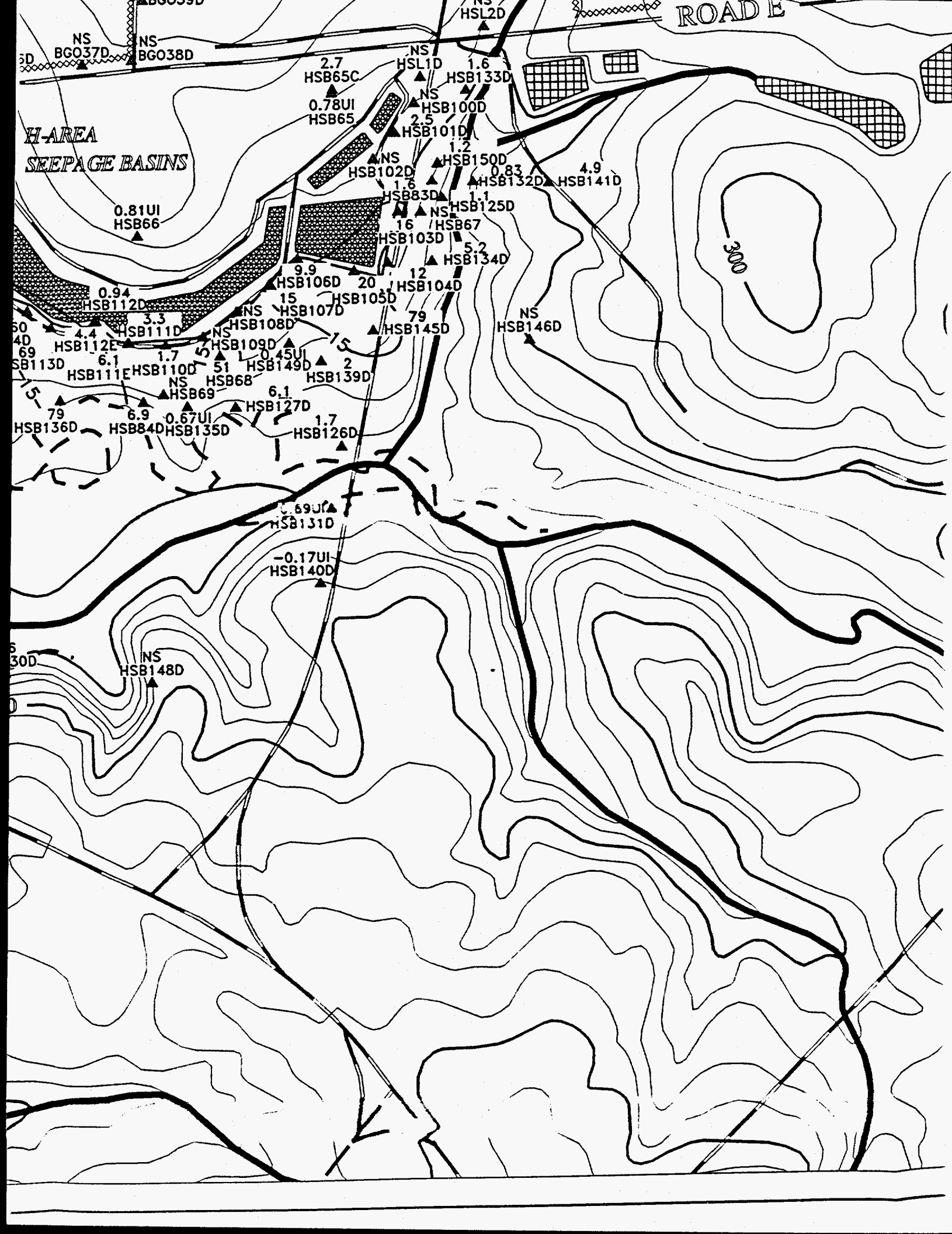
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

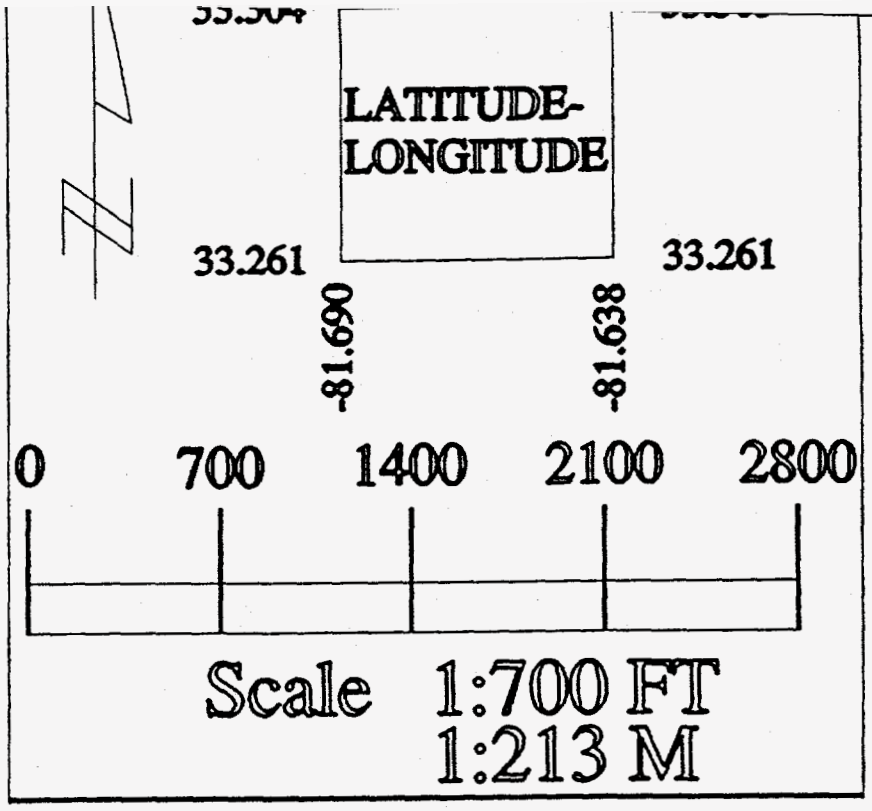
-81.690

-81.638


NS FSL4D
NS FSL5D
NS FSL6D
NS FSS4D
NS FSL7D
NS FSB76
NS FSL8D
3.3 FSB108D
NS FSL9D
440 FSB88D
1.6 FSB114D
300 FSB89D
1.8 FSB111D
520 FSB90D
2.6 FSB109D
900 FSB107D
16 FSB99D
150 FSB91D
3.1 FSB123D
NS FSB87D
NS FSB77
1.5 FSB118D
NS FSB98D
740 FSB92D
1,000 FSB97D
180 FSB93D
310 FSB105DR
1.8 FSB120D
950 FSB94DR
1,300 FSB119D
2.9 FSB113D
1,000 FSB95DR
1,100 FSB78
0.59UI FSB106D
900 FSB110D
580 FSB117D
35 FSB121DR
740 FSB79
140 FSB112D
NS FSB104D
1 FSB116D
2.8 FSB122D
1.6 FSB115D
300
300
15
ROAD C
250
F-AREA
SEEPAGE BASINS
1000
500
FOURMILE BRANCH


OLD BURIAL GROUND
H-AREA
SEEPAGE BASINS
NS BG045D
NS BG027D
NS BG039D
NS BG029D
NS BG028D
NS BG030D
NS BG031D
NS BG032D
NS BG033D
NS BG034D
NS BG035D
NS BG036D
NS BG037D
NS BG038D
NS BG050D
NS BG046D
NS BG047D
NS BG048D
NS BG049D
NS FSS1D
NS FSS2D
NS FSS3D
NS HSB147D
0.81UI HSB66
NS HSB116D
78 HSB115D
NS HSB138D
0.43UI HSB71
39 HSB86D
1.7 HSB70
60 HSB114D
0.94 HSB112D
3.3 HSB111D
4.4 HSB112E
69 HSB113D
6.1 HSB111E
1.7 HSB110D
51
NS HSB69
1.6 HSB117D
2.7 HSB137D
79 HSB136D
6.9 HSB84D
0.67UI HSB135D
0.94 HSB151D
1.6 HSB143D
1.8 HSB142D
2.2 HSB129D
HSB152D
200
250
250
2.6 HSB130D
NS HSB148D
BRANCH


ROAD E
H-AREA
SEEPAGE BASINS
NS BGO37D
NS BGO38D
NS HSL2D
NS HSL1D
2.7 HSB65C
0.78UI HSB65
1.6 HSB133D
NS HSB100D
2.5 HSB101D
1.2 HSB150D
NS HSB102D
0.83 HSB132D
4.9 HSB141D
1.6 HSB83D
1.1 HSB125D
0.81UI HSB66
NS HSB67
16 HSB103D
5.2 HSB134D
9.9 HSB106D
20
12 HSB104D
0.94 HSB112D
15 HSB105D
NS HSB107D
3.3 HSB111D
NS HSB108D
79 HSB145D
NS HSB146D
4.4 HSB112E
NS HSB109D
6.1 HSB113D
1.7
0.45UI
HSB111E
HSB110D
51 HSB149D
2 HSB139D
NS HSB69
HSB68
6.1 HSB127D
79 HSB136D
6.9 HSB84D
0.67UI HSB135D
1.7 HSB126D
0.69UI HSB131D
-0.17UI HSB140D
NS HSB148D
300
15
5



TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

WATER TABLE

CONSTITUENT:

GROSS ALPHA

GWPS = 15 pCi/L

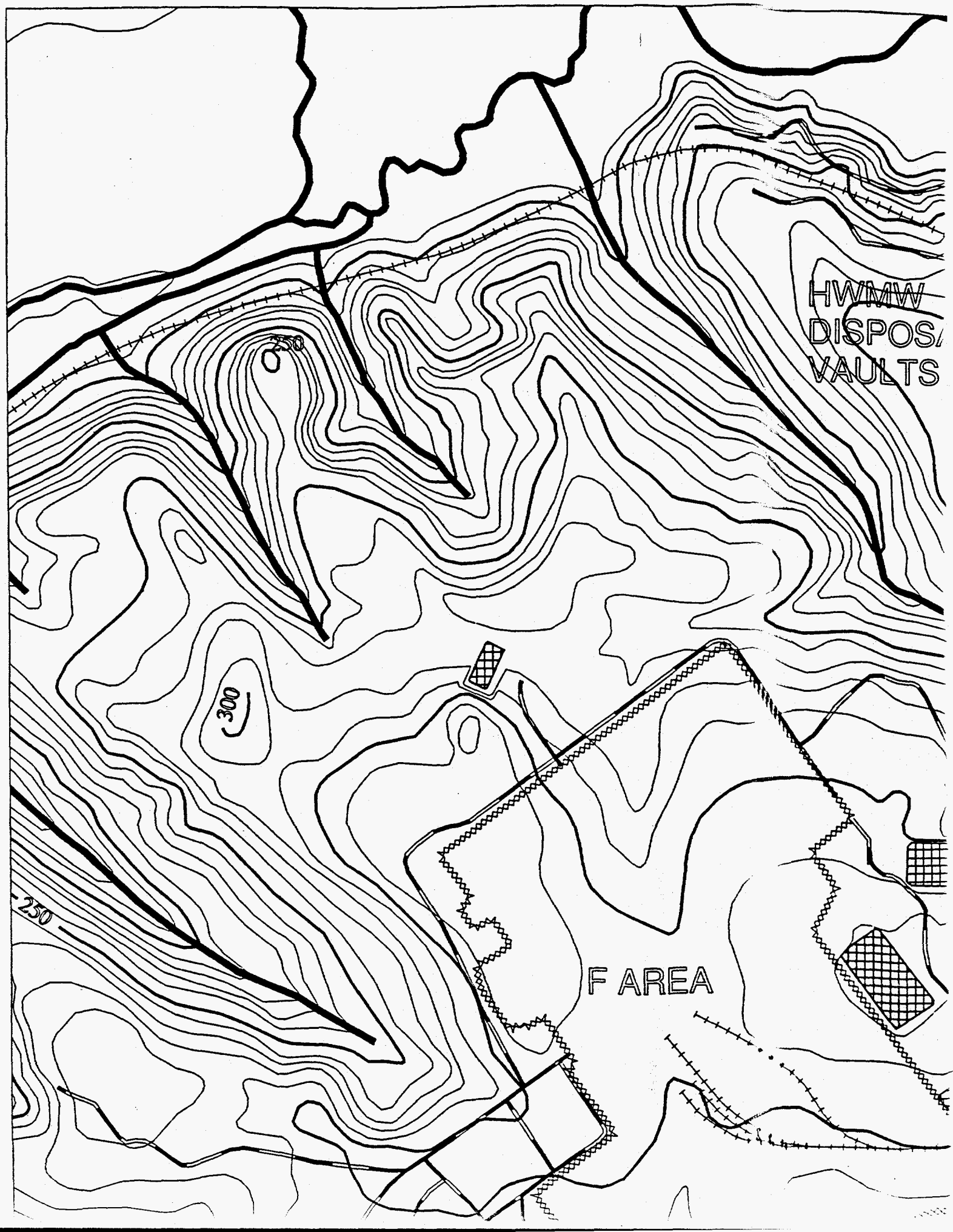
"NS" = Not Sampled

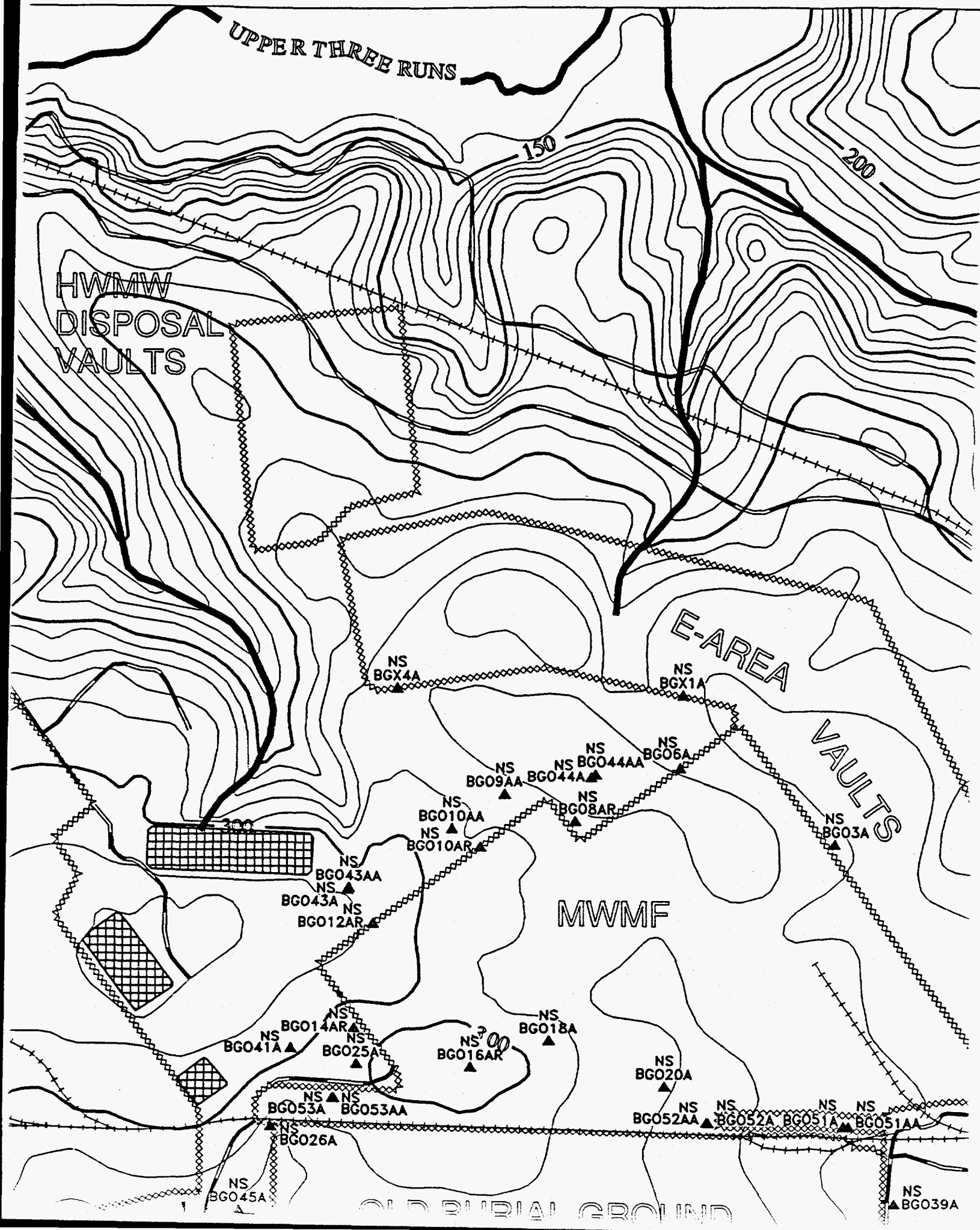
"NA" = Not Analyzed

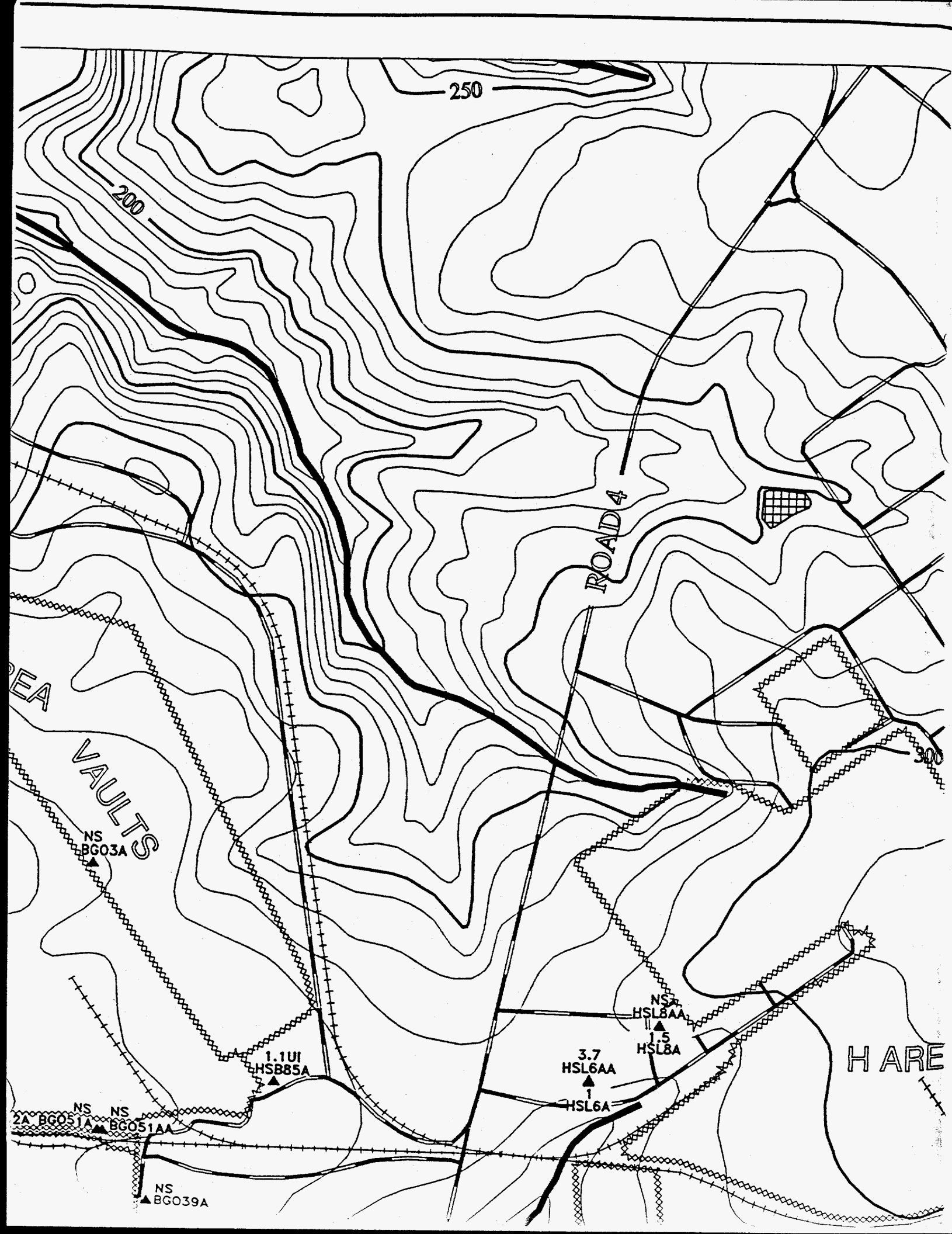
"*" = Wells Not Used to Contour

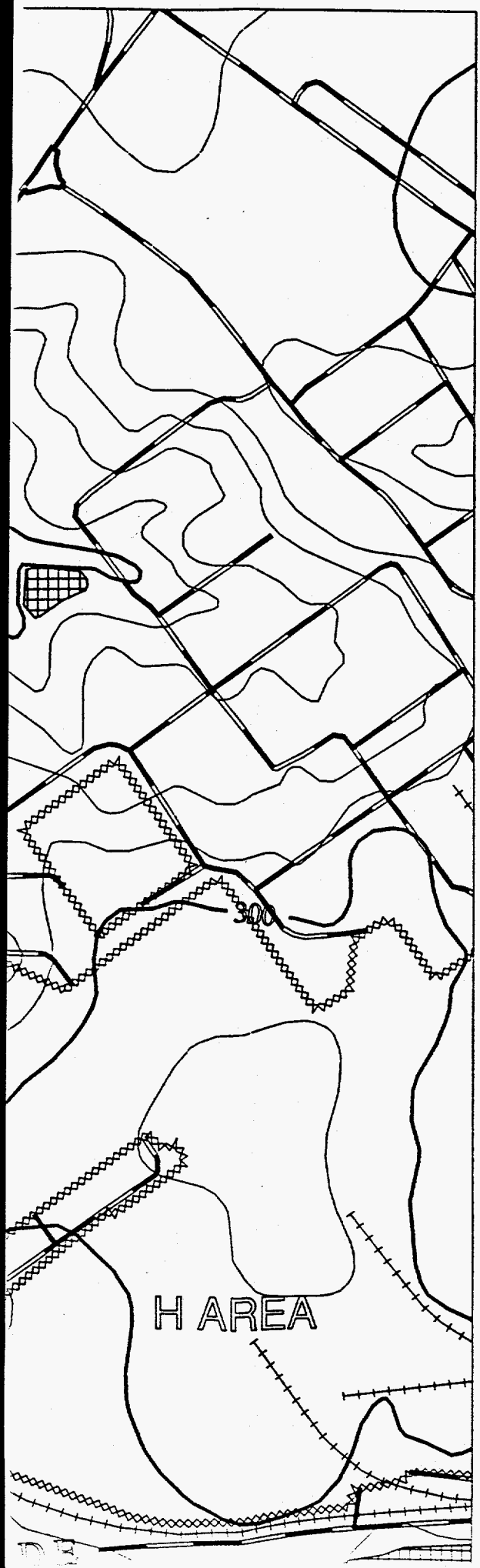
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 15, 500, 1000 pCi/L


HWMW
DISPOS
VAULTS
250
300
250
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
E-AREA
VAULTS
MWMF
300
NS BGX4A
NS BGX1A
NS BG044AA
NS BG06A
NS BG09AA
NS BG044A
NS BG10AA
NS BG08AR
NS BG10AR
NS BG03A
NS BG043AA
NS BG043A
NS BG12AR
NS BG14AR
NS BG41A
NS BG25A
NS BG16AR
NS BG18A
NS BG20A
NS BG053A
NS BG053AA
NS BG052AA
NS BG052A
NS BG051A
NS BG051AA
NS BG026A
NS BG045A
NS BG039A


250
200
ROAD 4
300
VAULTS
NS
BG03A
1.1UI
HSB85A
NS
HSL8AA
1.5
HSL8A
3.7
HSL6AA
1
HSL6A
NS
2A BG051A
NS
BG051AA
NS
BG039A



REFERENCE DOCUMENT

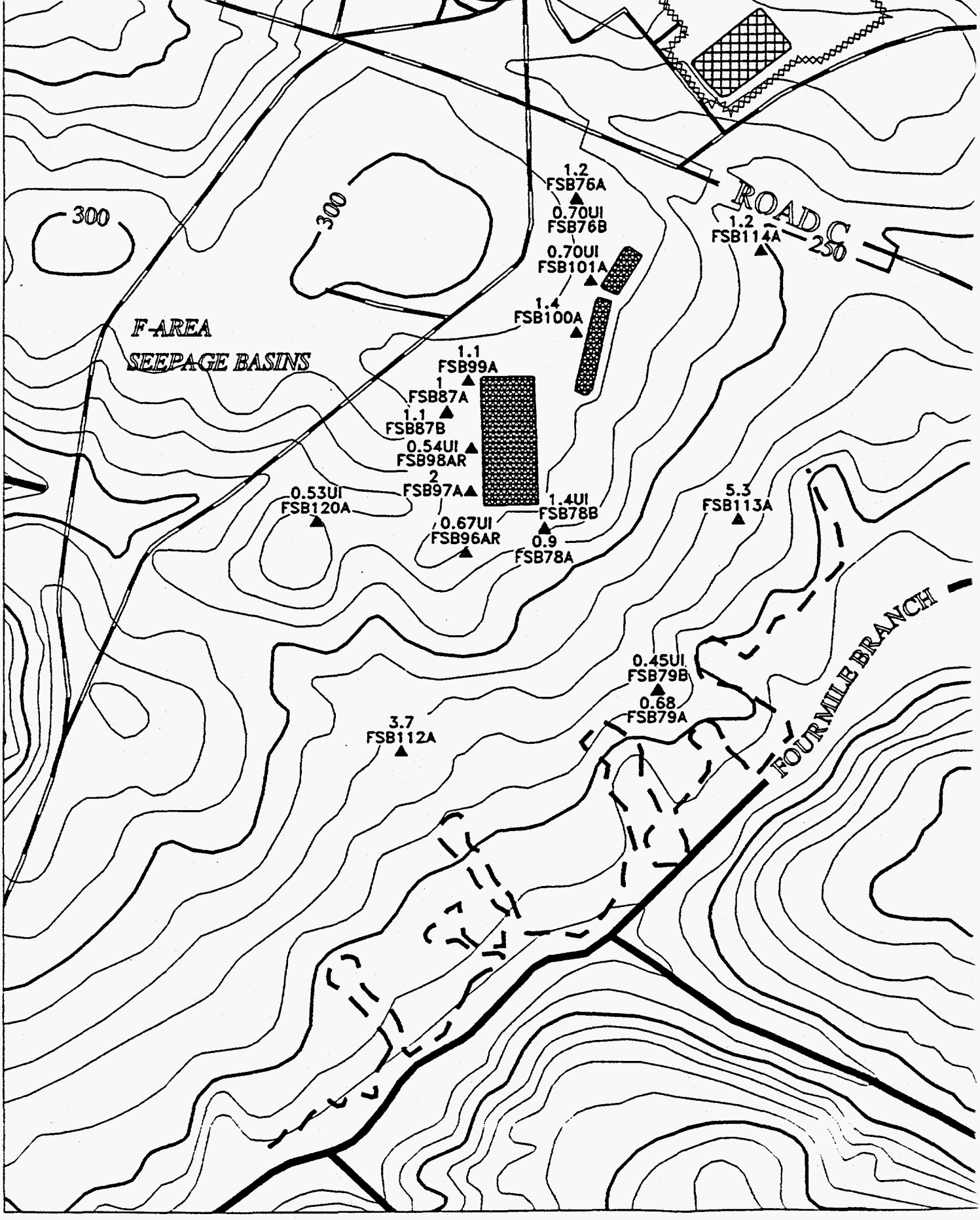
WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

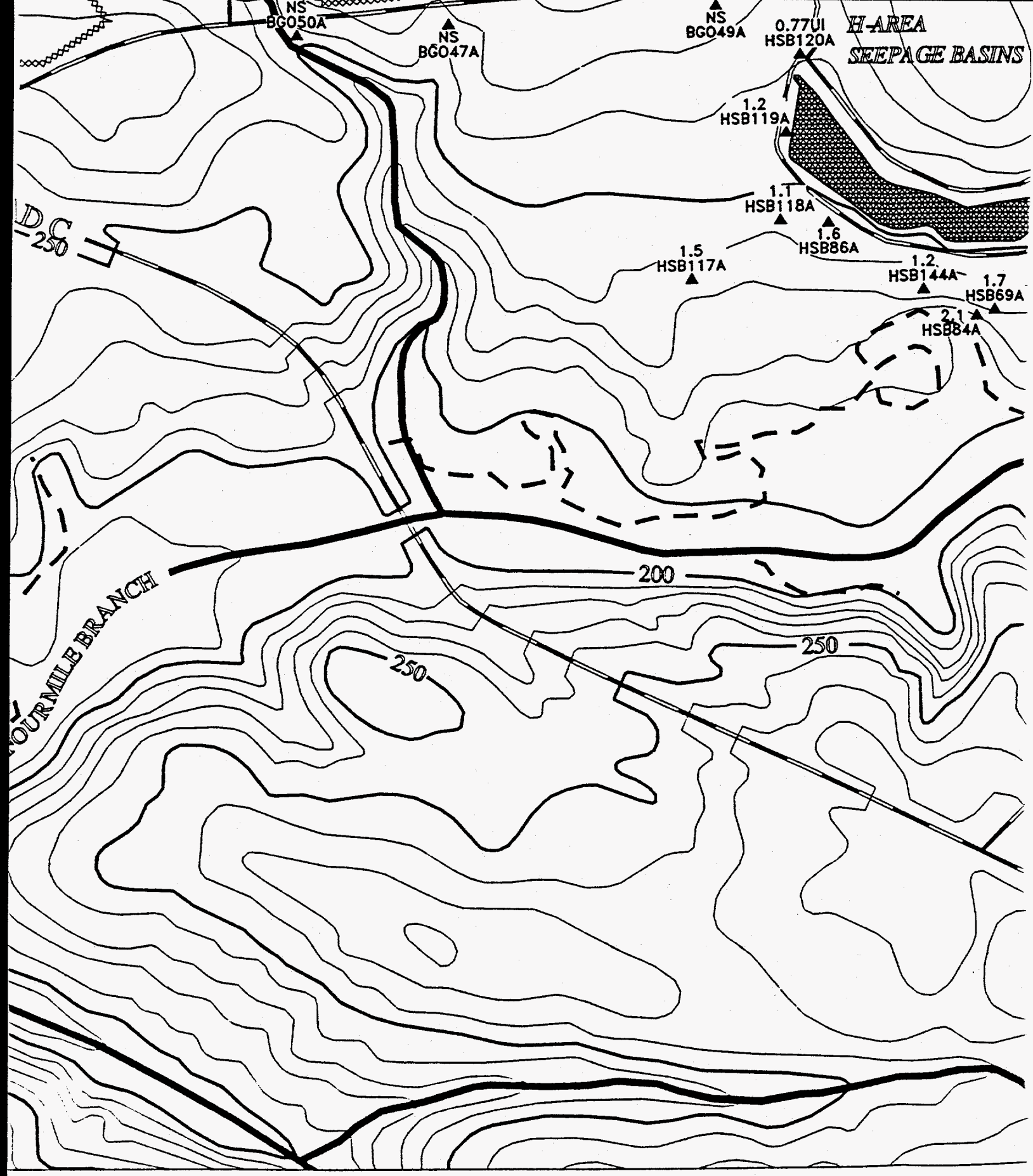
LEGEND

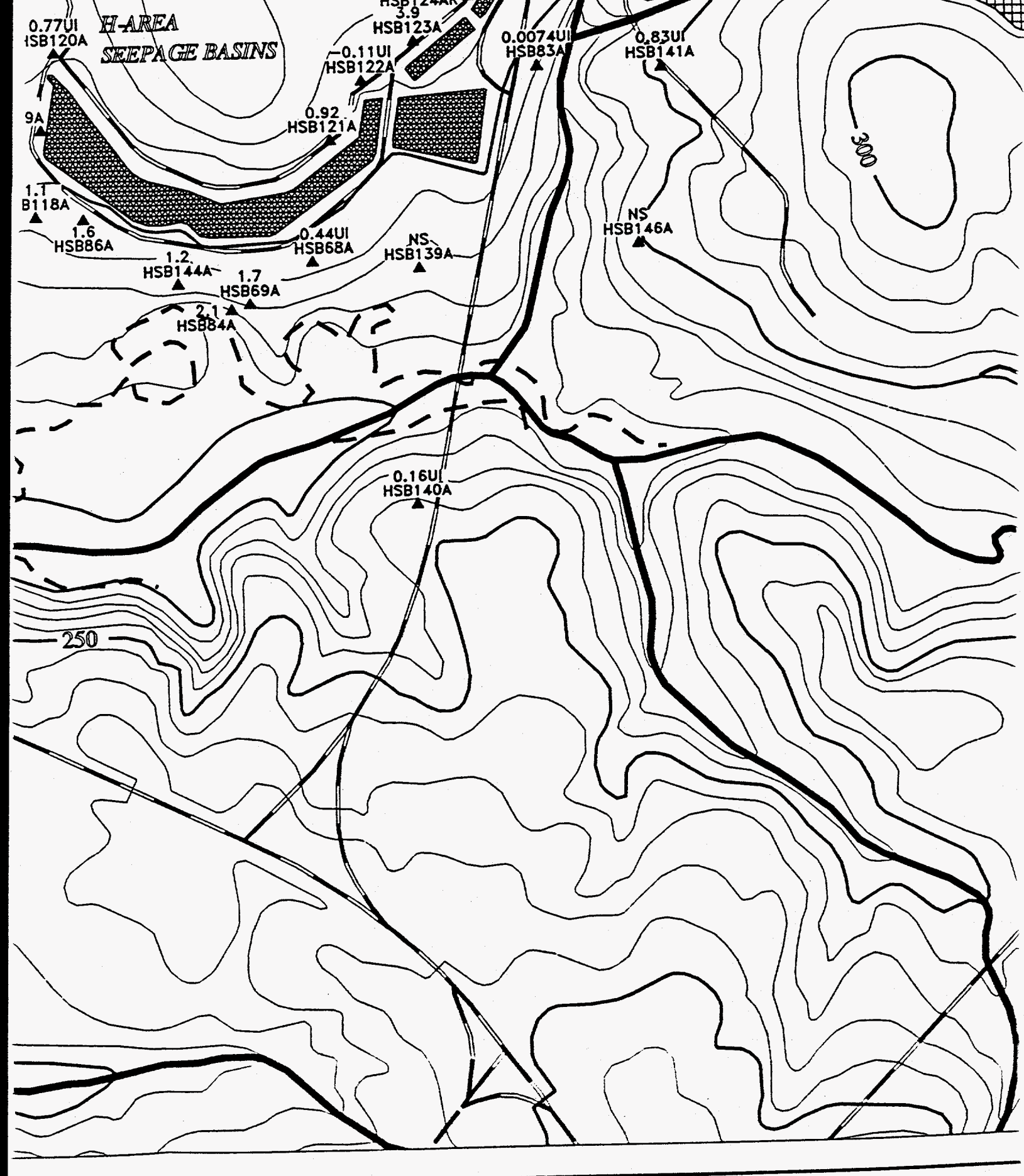
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

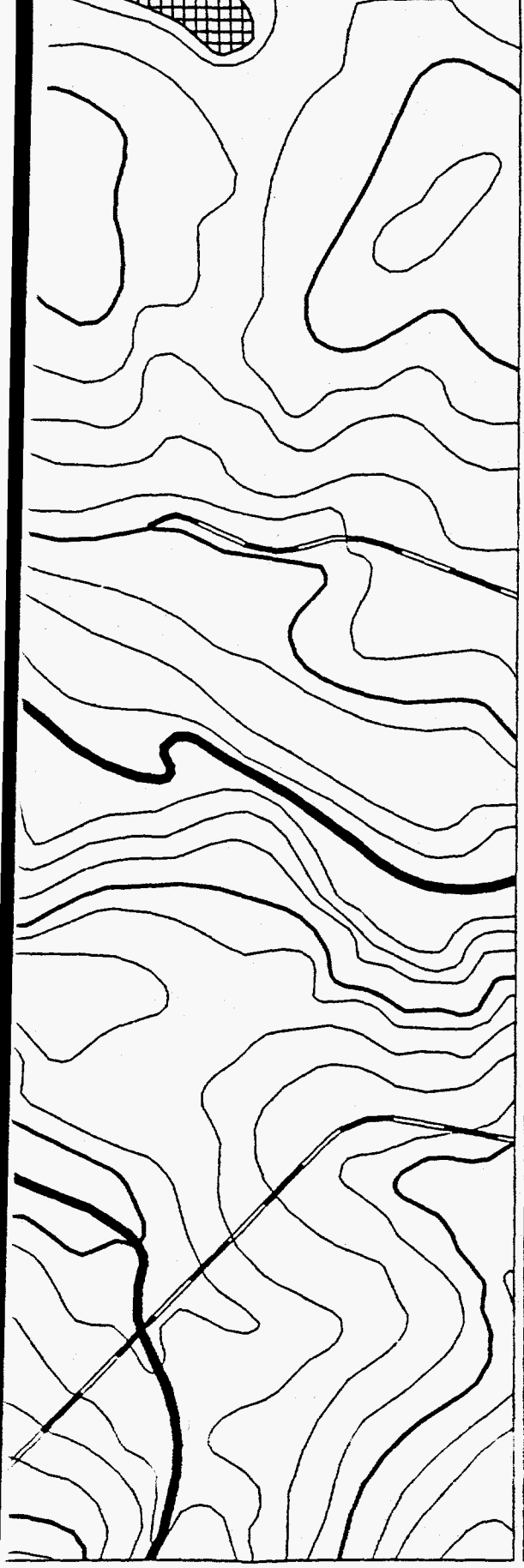
-81.690 -81.638

33.304 33.305


300
300
1.2
FSB76A
0.70UI
FSB76B
ROAD C
1.2
FSB114A
250
0.70UI
FSB101A
1.4
FSB100A
F-AREA
SEEPAGE BASINS
1.1
FSB99A
1
FSB87A
1.1
FSB87B
0.54UI
FSB98AR
2
FSB97A
0.53UI
FSB120A
1.4UI
FSB78B
0.67UI
FSB96AR
0.9
FSB78A
5.3
FSB113A
0.45UI
FSB79B
0.68
FSB79A
3.7
FSB112A
FOURMILE BRANCH


NS
BG050A
NS
BG047A
NS
BG049A
0.77UI
HSB120A
H-AREA
SEEPAGE BASINS
1.2
HSB119A
1.1
HSB118A
1.6
HSB86A
1.5
HSB117A
1.2
HSB144A
1.7
HSB69A
2.1
HSB84A
200
250
250
FOUR MILE BRANCH


H-AREA
SEEPAGE BASINS
0.77UI
HSB120A
9A
1.1
B118A
1.6
HSB86A
1.2
HSB144A
2.1
HSB84A
1.7
HSB69A
0.44UI
HSB68A
0.92
HSB121A
0.11UI
HSB122A
3.9
HSB123A
NS
HSB139A
0.16UI
HSB140A
0.0074UI
HSB83A
0.83UI
HSB141A
NS
HSB146A
300
250



33.261 33.261

-81.690 -81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

CONGAREE

CONSTITUENT:

GROSS ALPHA

GWPS = 15 pCi/L

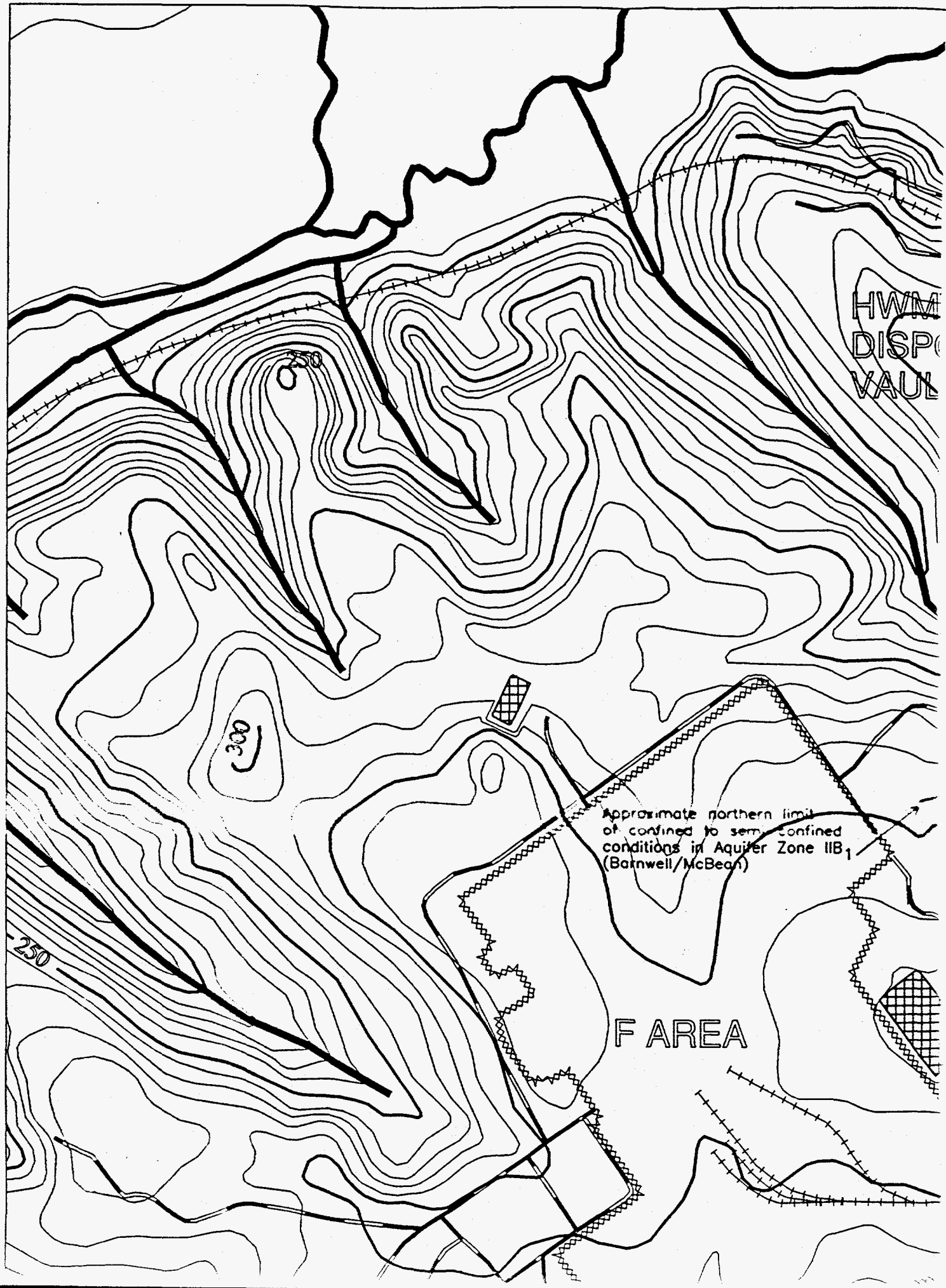
"NS" = Not Sampled

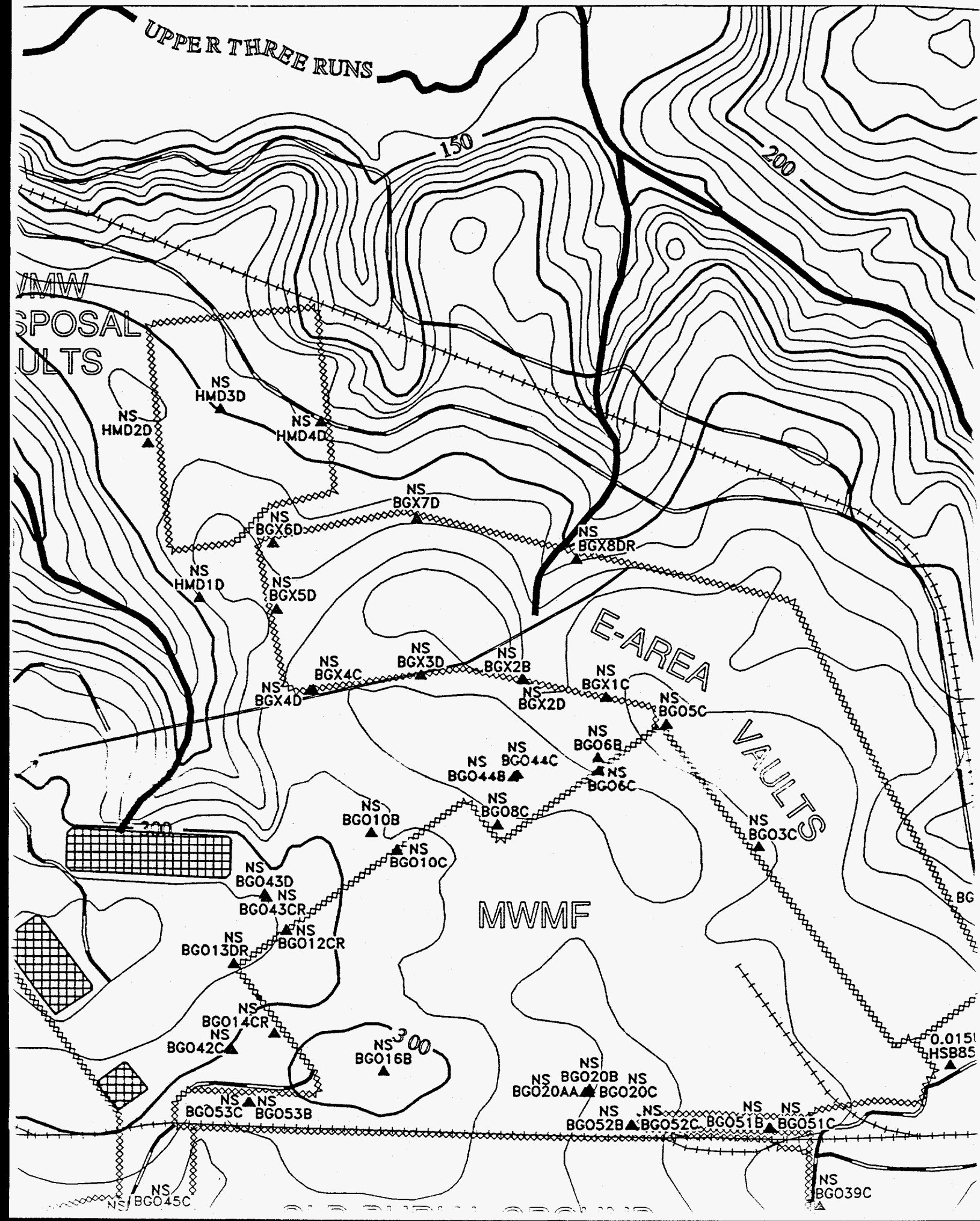
"NA" = Not Analyzed

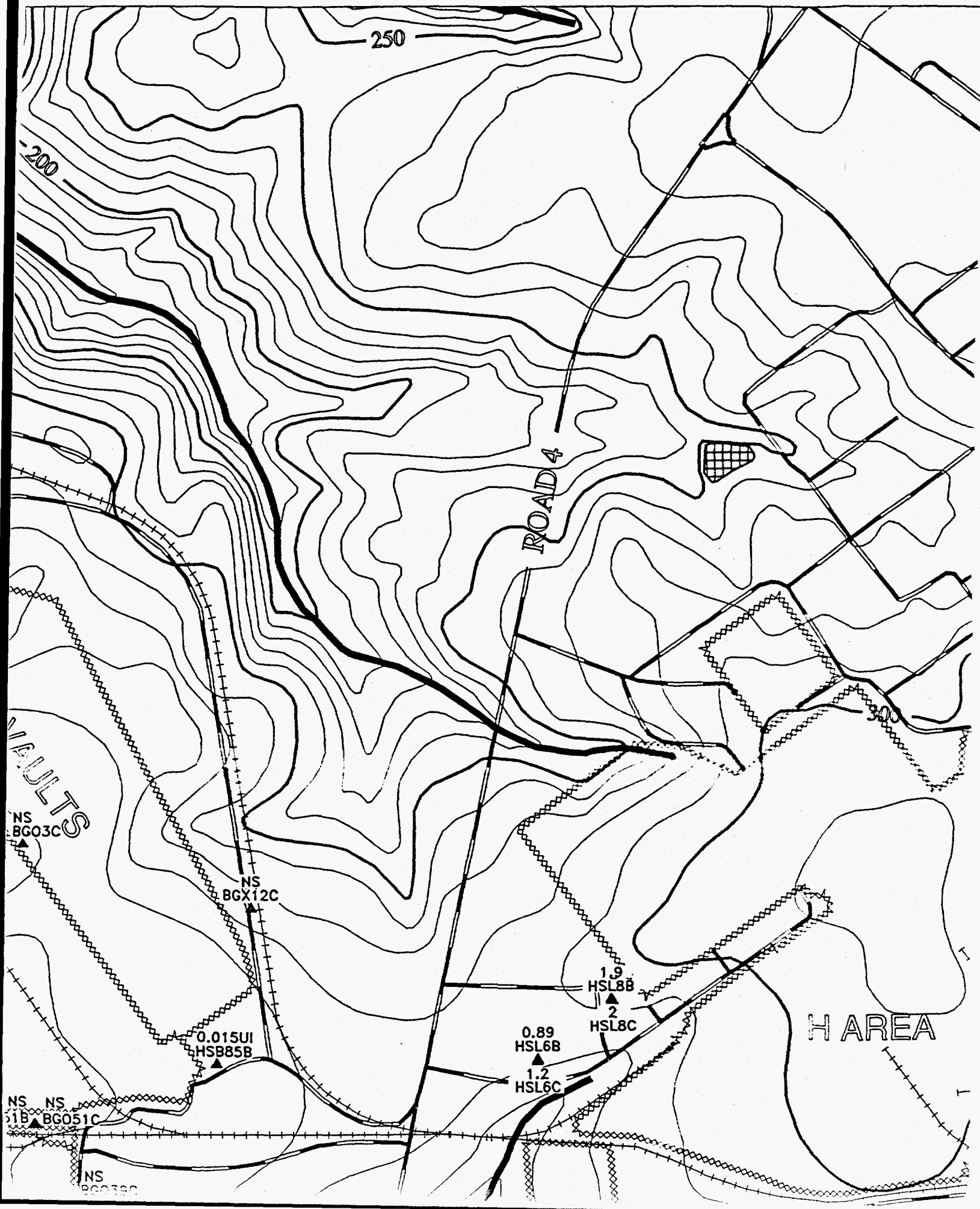
"*" = Wells Not Used to Contour

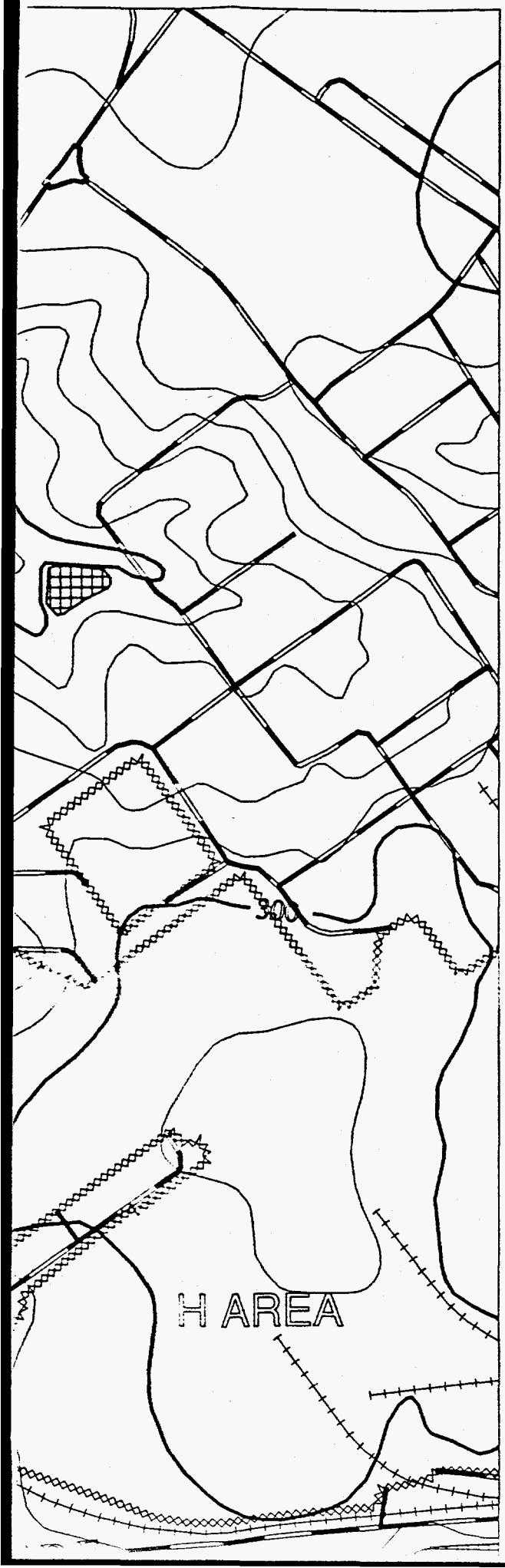
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 15, 500, 1000 pCi/L


HWM
DISP
VAUL
250
300
Approximate northern limit of confined to semi-confined conditions in Aquifer Zone IIB1 (Barnwell/McBean)
250
F AREA


UPPER THREE RUNS
150
200
MWMF
SPOSAL
ULTS
E-AREA
VAULTS
300
NS HMD3D
NS HMD2D
NS HMD4D
NS BGX7D
NS BGX6D
NS BGX8DR
NS HMD1D
NS BGX5D
NS BGX4C
NS BGX3D
NS BGX2B
NS BGX1C
NS BGX4D
NS BGX2D
NS BG05C
NS BG06B
NS BG044C
NS BG044B
NS BG06C
NS BG08C
NS BG03C
NS BG010B
NS BG010C
NS BG043D
NS BG043CR
NS BG012CR
NS BG013DR
NS BG014CR
NS BG042C
NS BG016B
NS BG020B
NS BG020AA
NS BG020C
NS BG053C
NS BG053B
NS BG052B
NS BG052C
NS BG051B
NS BG051C
NS BG045C
NS BG039C
0.015
HSB85
BG


250
200
ROAD 4
300
VAULTS
NS
BG03C
NS
BGX12C
1.9
HSL8B
2
HSL8C
H AREA
0.89
HSL6B
1.2
HSL6C
0.015UI
HSB85B
NS
NS
BG051C
NS



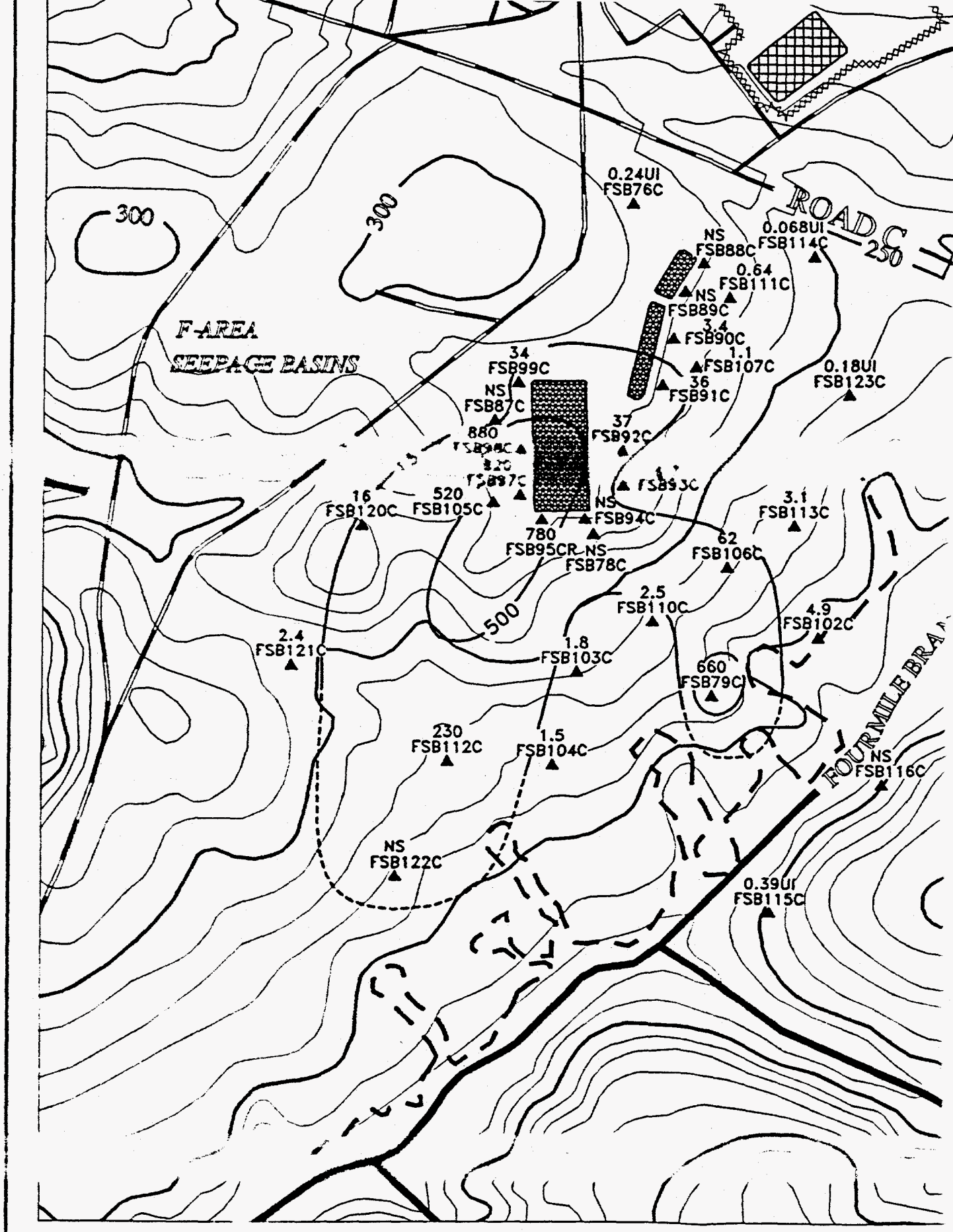
REFERENCE DOCUMENT

WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

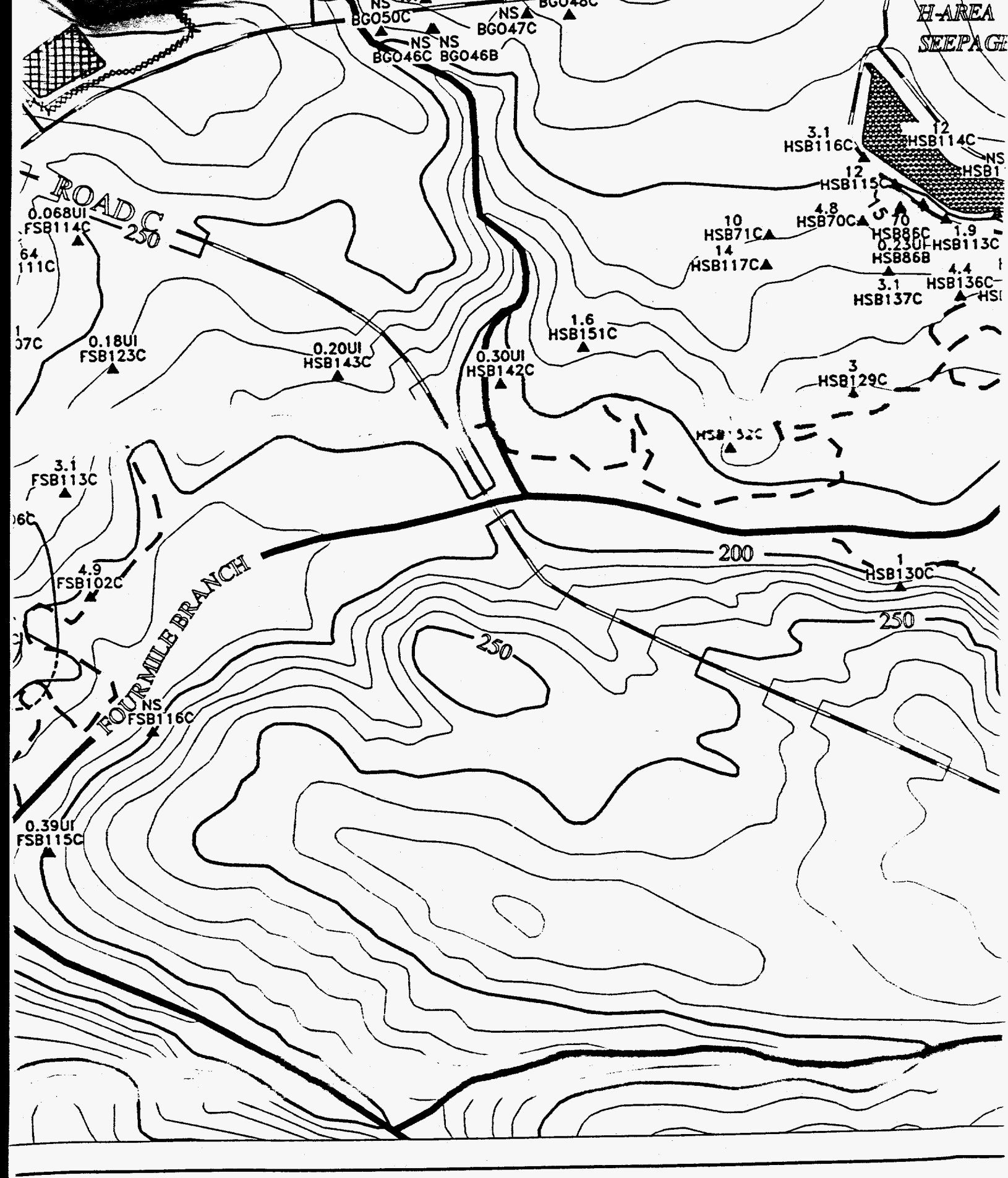
LEGEND

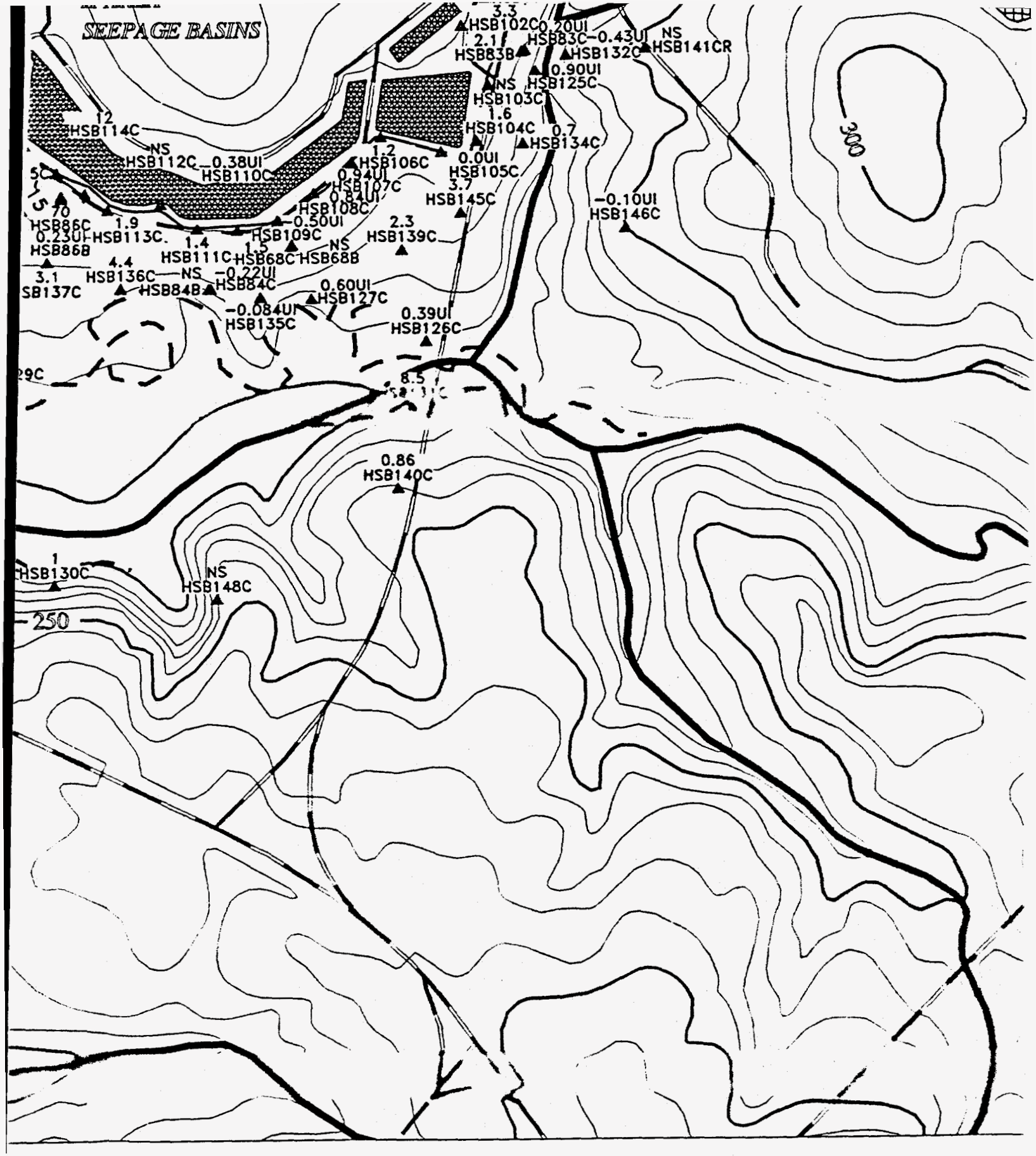
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

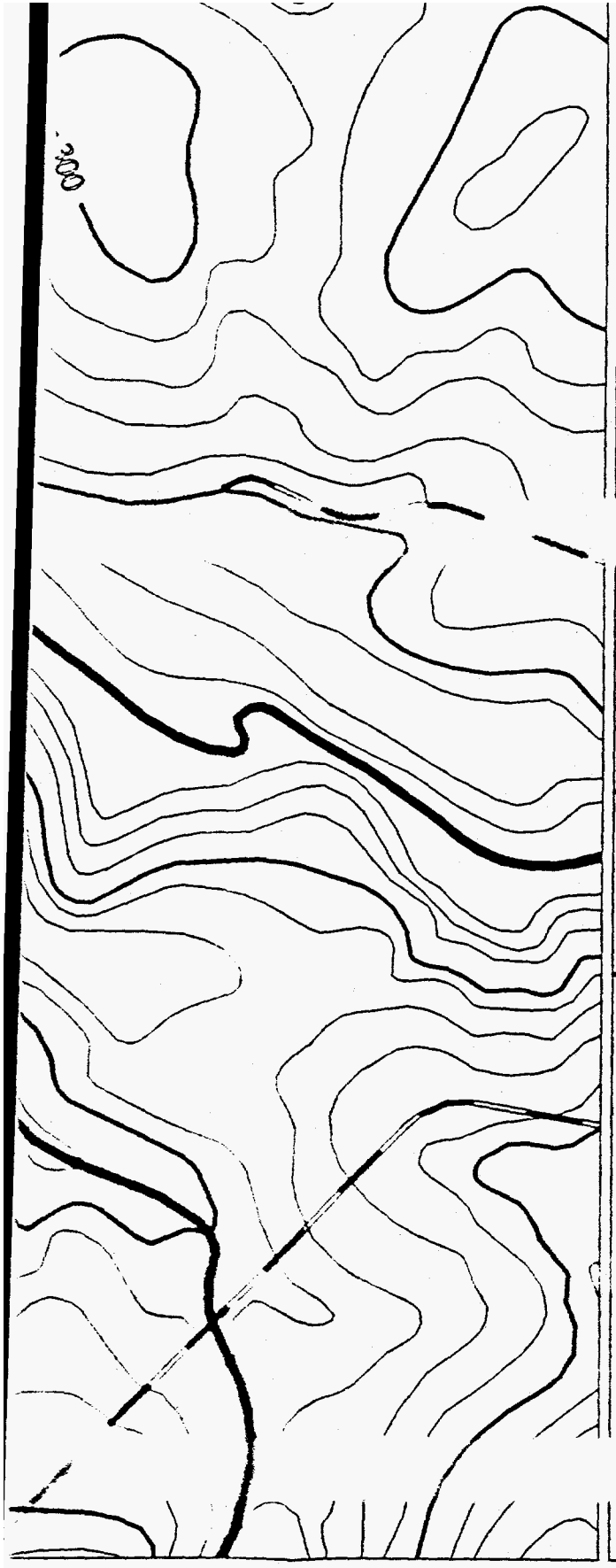
-81.690 -81.638



300
300
F-AREA
SEEPAGE BASINS
ROAD C
250
0.24UI
FSB76C
NS
FSB88C
0.068UI
FSB114C
0.64
FSB111C
NS
FSB89C
3.4
FSB90C
1.1
FSB107C
36
FSB91C
0.18UI
FSB123C
34
FSB99C
NS
FSB87C
880
37
FSB92C
16
FSB120C
520
FSB105C
NS
FSB94C
780
FSB95CR
NS
FSB78C
3.1
FSB113C
62
FSB106C
2.5
FSB110C
500
4.9
FSB102C
2.4
FSB121C
1.8
FSB103C
660
FSB79C
FOURMILE BRA
230
FSB112C
1.5
FSB104C
NS
FSB116C
NS
FSB122C
0.39UI
FSB115C


H-AREA
SEEPAGE
ROAD C
250
FOUR MILE BRANCH
200
250
250
NS BGO50C
NS BGO47C
NS BGO46C
NS BGO46B
3.1 HSB116C
12 HSB114C
12 HSB115C
4.8 HSB70C
10 HSB71C
14 HSB117C
1.9 HSB113C
0.23UI HSB86B
4.4 HSB136C
3.1 HSB137C
1.6 HSB151C
0.30UI HSB142C
0.20UI HSB143C
0.18UI FSB123C
0.068UI FSB114C
3 HSB129C
1 HSB130C
3.1 FSB113C
4.9 FSB102C
NS FSB116C
0.39UI FSB115C


SEEPAGE BASINS
3.3
HSB102C
0.20UI
2.1
HSB83C
-0.43UI
NS
HSB141CR
HSB83B
HSB132C
0.90UI
NS
HSB125C
HSB103C
1.6
HSB104C
0.7
HSB134C
12
HSB114C
NS
HSB112C
-0.38UI
HSB110C
1.2
HSB106C
0.0UI
HSB105C
0.94UI
HSB107C
0.84UI
3.7
HSB145C
-0.10UI
HSB146C
HSB108C
0.50UI
2.3
HSB139C
HSB86C
1.9
0.23UI
HSB113C
1.4
HSB109C
HSB86B
HSB111C
1.5
HSB68C
NS
HSB68B
4.4
3.1
HSB136C
NS
-0.22UI
HSB84C
SB137C
HSB84B
0.60UI
HSB127C
-0.084UI
HSB135C
0.39UI
HSB126C
8.5
0.86
HSB140C
1
HSB130C
NS
HSB148C
300
250



33.261

-81.690

-81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

BARNWELL/McBEAN

CONSTITUENT:

GROSS ALPHA

GWPS = 15 pCi/L

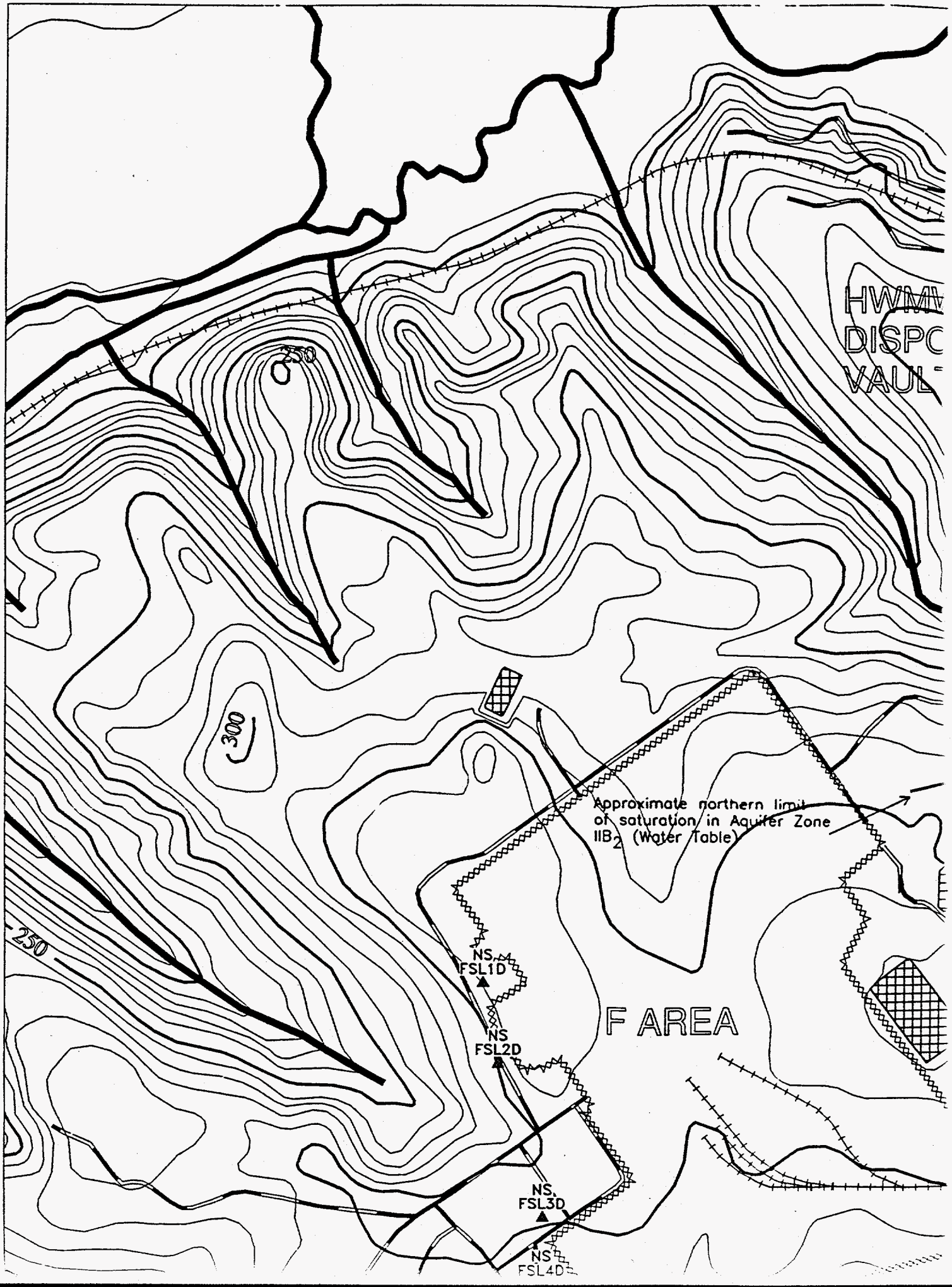
"NS" = Not Sampled

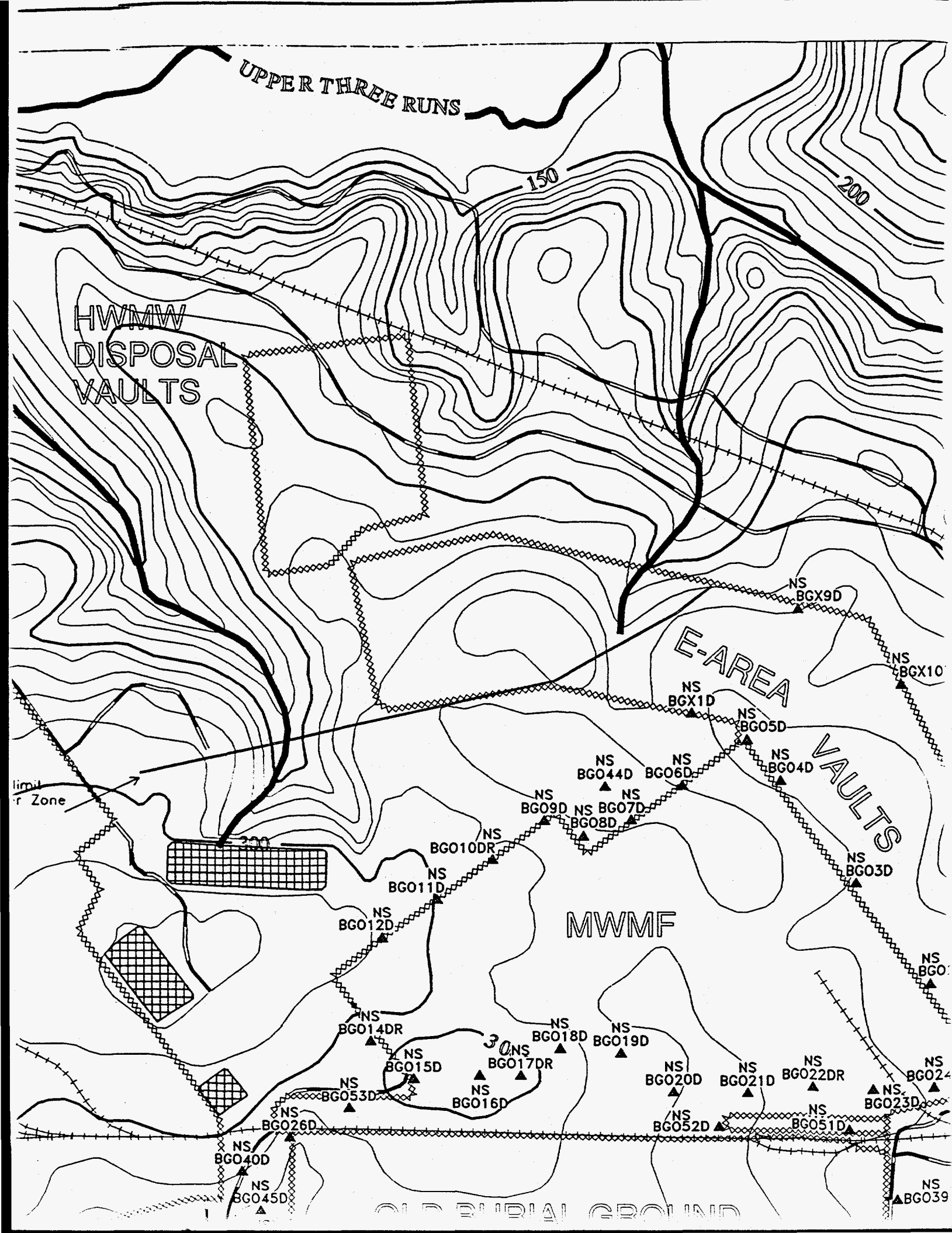
"NA" = Not Analyzed

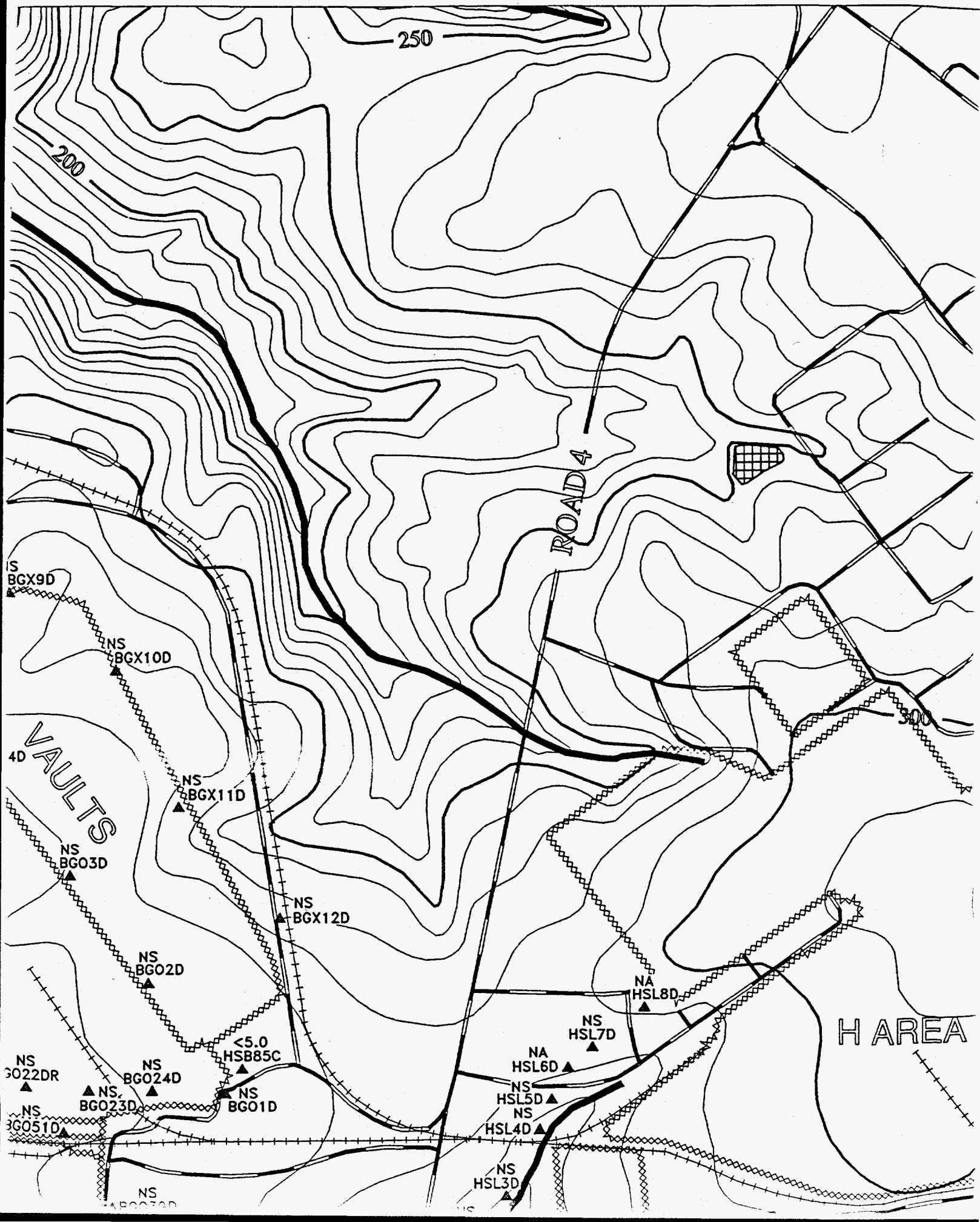
"*" = Wells Not Used to Contour

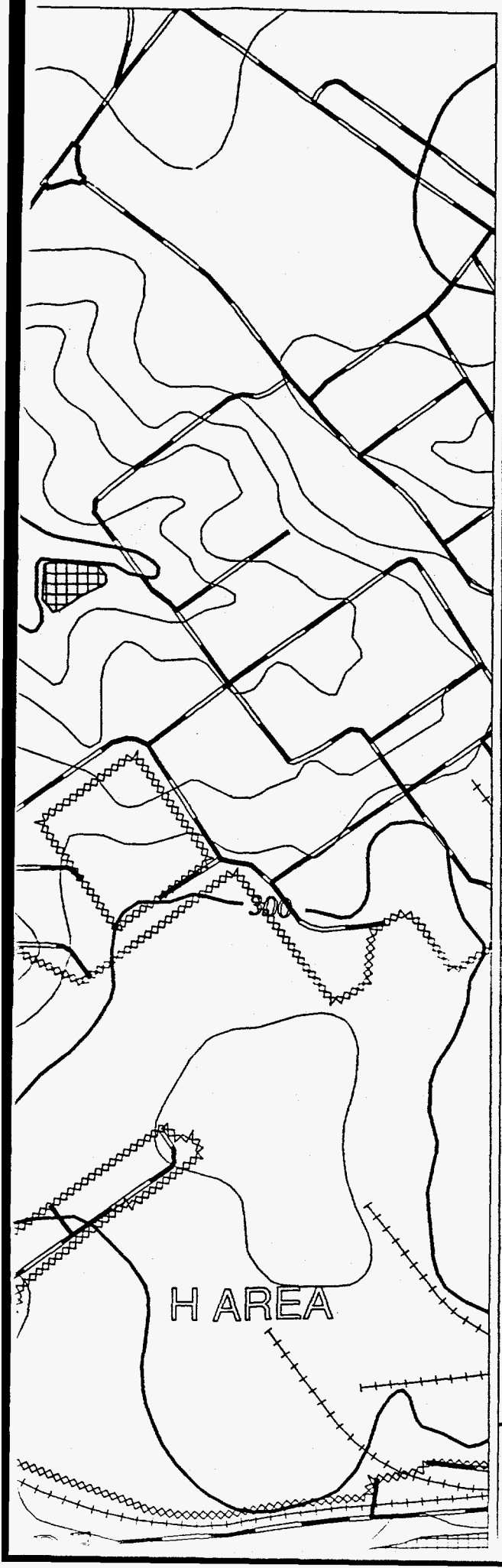
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 15, 500, 1000 pCi/L


HWMV
DISPC
VAUL
350
300
250
Approximate northern limit of saturation in Aquifer Zone IIB2 (Water Table)
NS FSL1D
NS FSL2D
NS FSL3D
NS FSL4D
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
E-AREA
VAULTS
MWMF
NS BGX9D
NS BGX10
NS BGX1D
NS BGO5D
NS BGO44D
NS BGO6D
NS BGO4D
NS BGO9D
NS BGO7D
NS BGO8D
NS BGO10DR
NS BGO3D
NS BGO11D
NS BGO12D
NS BGO14DR
NS BGO18D
NS BGO19D
NS BGO15D
NS BGO17DR
NS BGO20D
NS BGO21D
NS BGO22DR
NS BGO24
NS BGO53D
NS BGO16D
NS BGO23D
NS BGO26D
NS BGO52D
NS BGO51D
NS BGO40D
NS BGO45D
NS BGO39
300
limit
r Zone


250
200
ROAD 4
300
VAULTS
H AREA
NS BGX9D
NS BGX10D
NS BGX11D
NS BGX12D
NS BGO3D
NS BGO2D
NS BGO22DR
NS BGO24D
NS BGO23D
NS BGO1D
NS BGO51D
<5.0 HSB85C
NA HSL8D
NS HSL7D
NA HSL6D
NS HSL5D
NS HSL4D
NS HSL3D



REFERENCE DOCUMENT

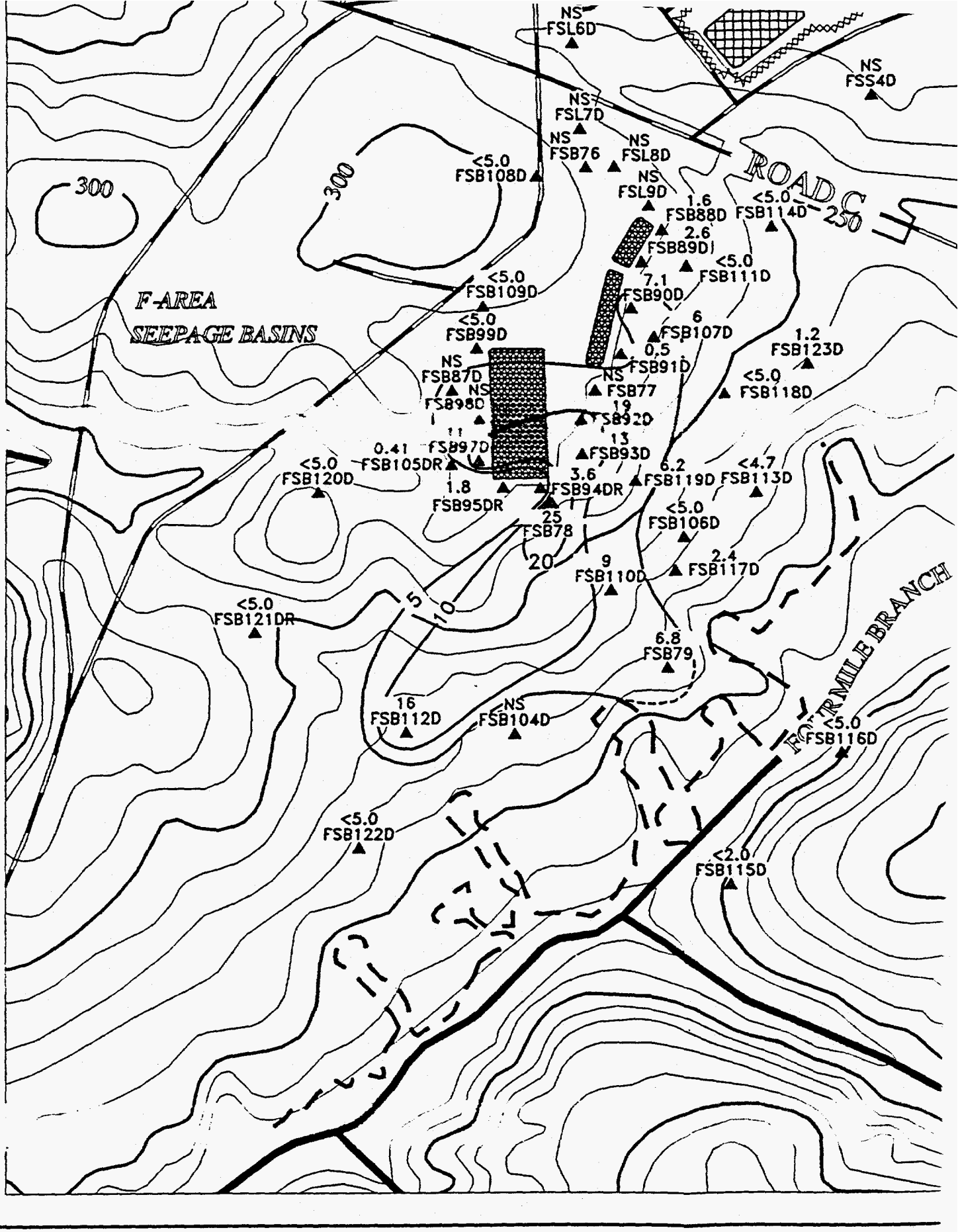
WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

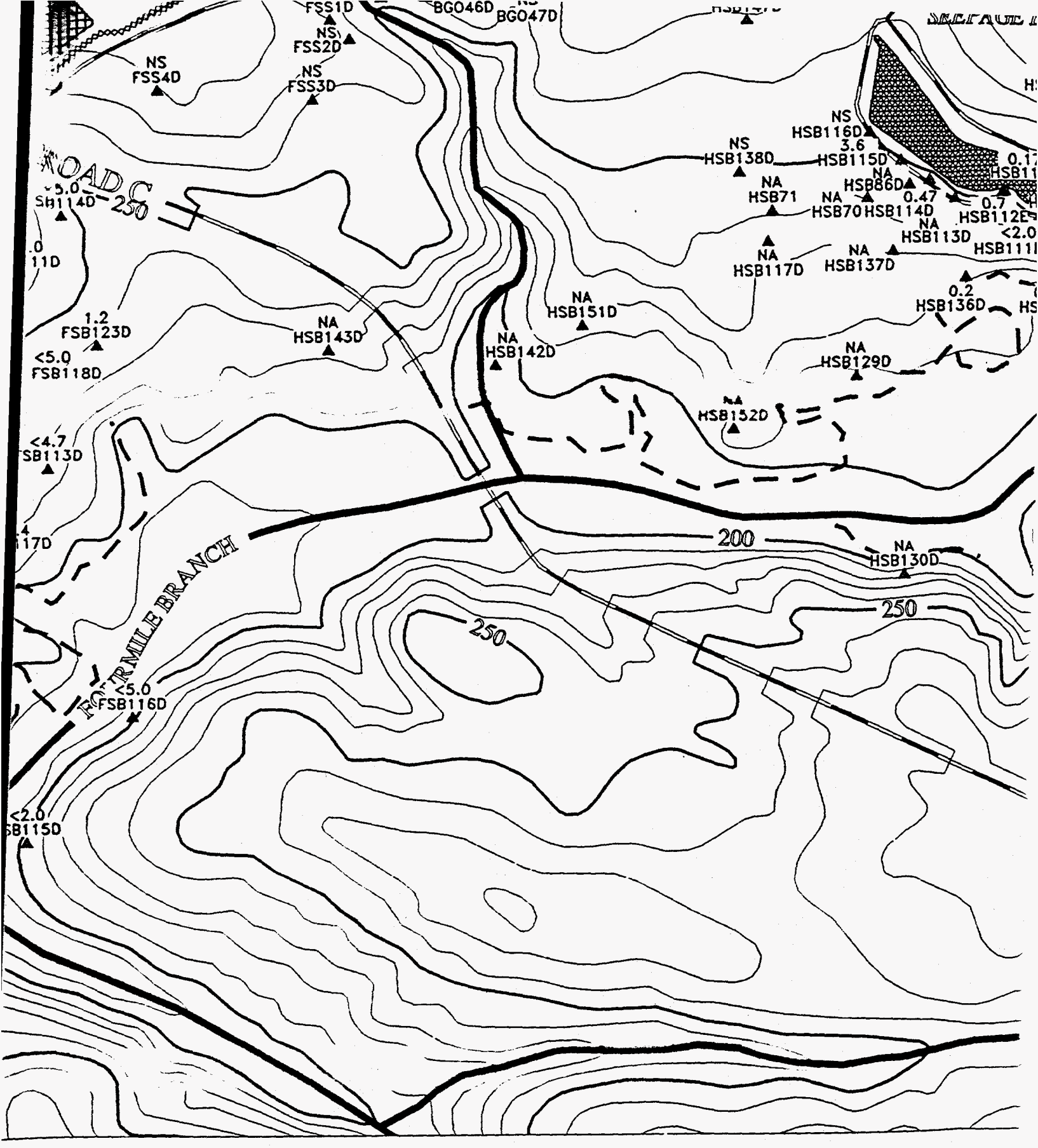
LEGEND

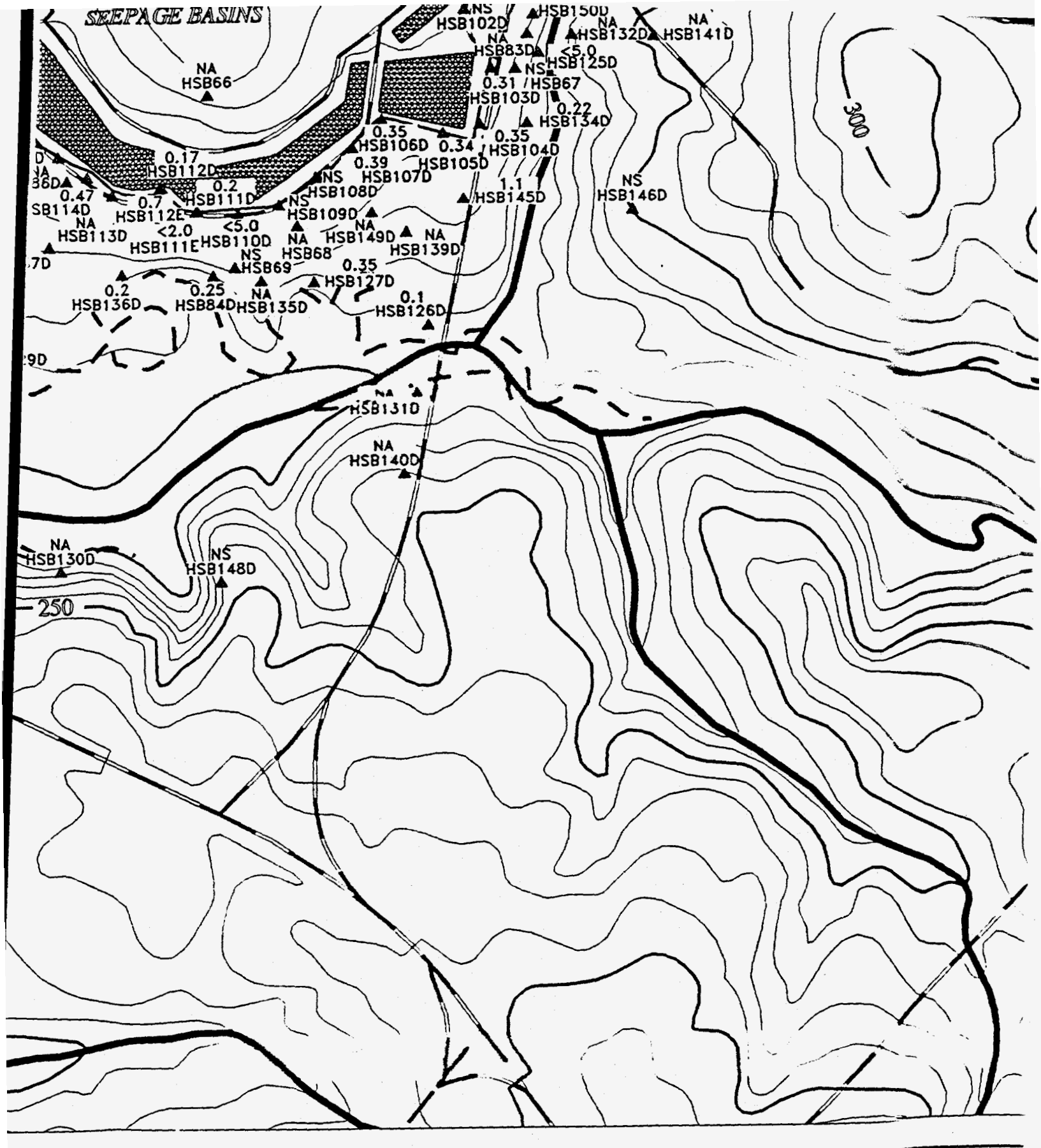
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

-81.690 -81.638

33.304 33.305


NS FSL6D
NS FSS4D
NS FSL7D
NS FSB76
NS FSL8D
NS FSL9D
<5.0 FSB108D
300
300
ROAD C
250
1.6 FSB88D
<5.0 FSB114D
2.6 FSB89D
<5.0 FSB111D
7.1 FSB90D
<5.0 FSB109D
F-AREA SEEPAGE BASINS
<5.0 FSB99D
6 FSB107D
1.2 FSB123D
0.5 FSB91D
NS FSB87D
NS FSB77
<5.0 FSB118D
NS FSB98D
19 FSB92D
11 FSB97D
13 FSB93D
0.41 FSB105DR
<5.0 FSB120D
6.2 FSB119D
<4.7 FSB113D
3.6 FSB94DR
1.8 FSB95DR
25 FSB78
<5.0 FSB106D
20
9 FSB110D
2.4 FSB117D
<5.0 FSB121DR
5
10
6.8 FSB79
FOURMILE BRANCH
16 FSB112D
NS FSB104D
<5.0 FSB116D
<5.0 FSB122D
<2.0 FSB115D


FSS1D
BGO46D
BGO47D
NS
FSS2D
NS
FSS4D
NS
FSS3D
NS
HSB116D
3.6
NS
HSB138D
HSB115D
NA
HSB71
NA
HSB86D
0.47
NA
HSB70
HSB114D
0.7
NA
HSB113D
NA
HSB117D
NA
HSB137D
0.2
HSB136D
NA
HSB151D
1.2
FSB123D
NA
HSB143D
NA
HSB142D
<5.0
FSB118D
NA
HSB129D
NA
HSB152D
<4.7
SB113D
200
NA
HSB130D
250
250
FOURMILE BRANCH
<5.0
FSB116D
<2.0
SB115D


SEEPAGE BASINS
NA HSB66
NS HSB102D
NA HSB83D
NS HSB150D
NA HSB132D
NA HSB141D
<5.0 HSB125D
0.31 HSB67
HSB103D
0.22 HSB134D
300
0.35 HSB106D
0.34
0.35 HSB104D
0.17 HSB112D
0.39 HSB105D
NS HSB107D
0.2 HSB111D
NS HSB108D
1.1 HSB145D
NS HSB146D
0.47
0.7 HSB112E
NS HSB109D
SB114D
NA HSB113D
<2.0 HSB111E
<5.0 HSB110D
NA HSB149D
NA HSB139D
NS HSB68
NS HSB69
0.35 HSB127D
0.2 HSB136D
0.25 HSB84D
NA HSB135D
0.1 HSB126D
NA HSB131D
NA HSB140D
NA HSB130D
NS HSB148D
250

-81.690

-81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

WATER TABLE

CONSTITUENT:

CADMIUM

GWPS = 5 ug/L

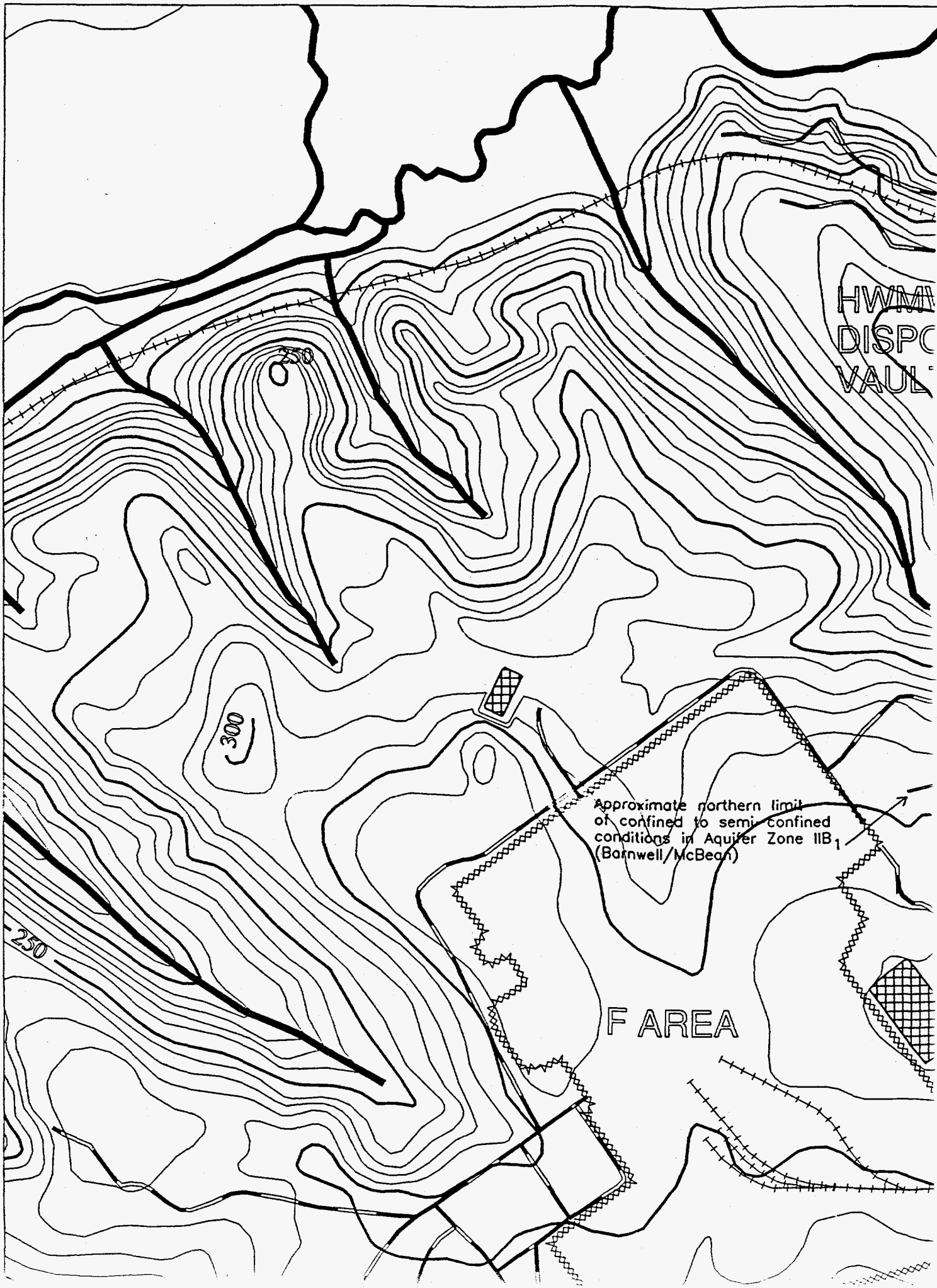
"NS" = Not Sampled

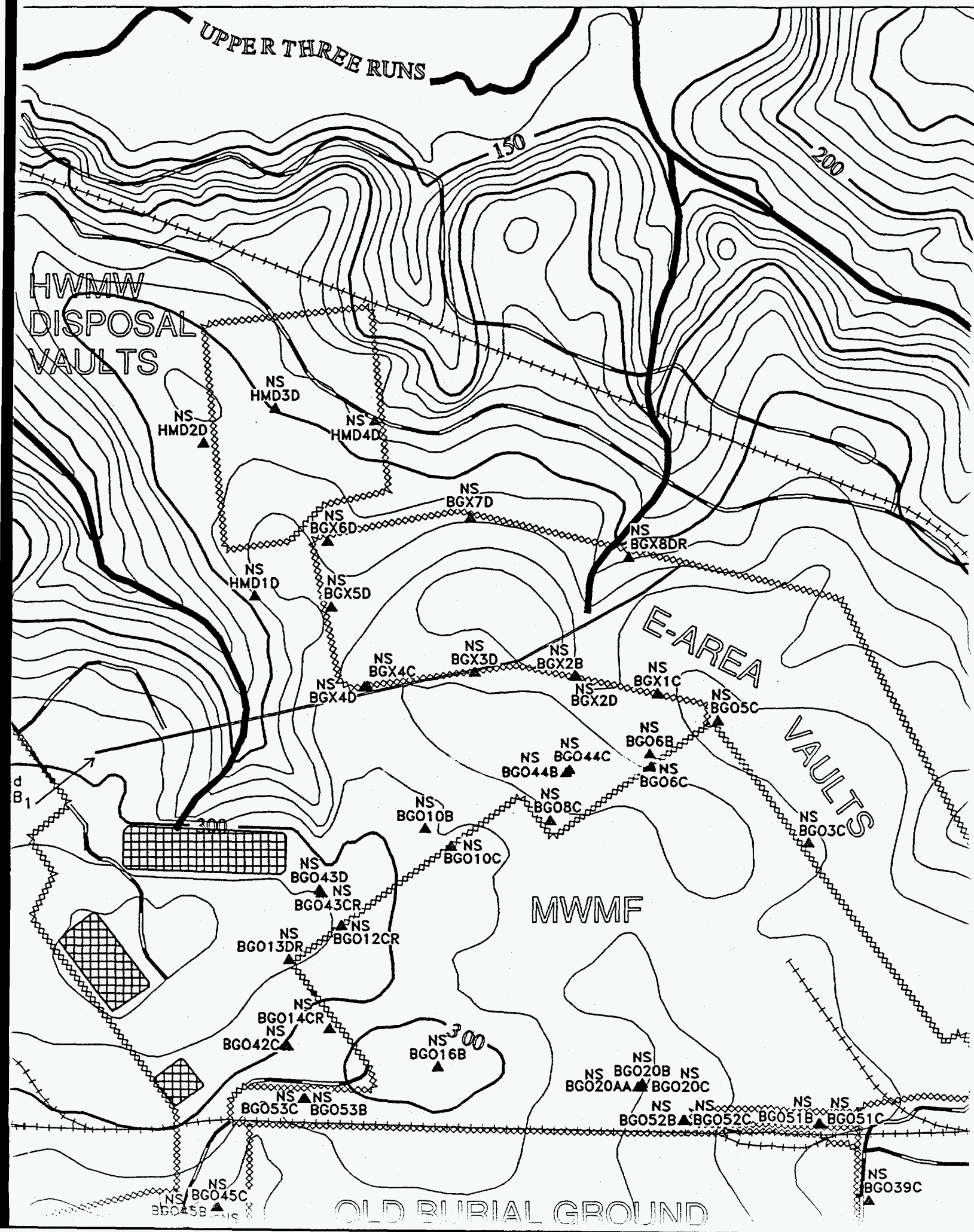
"NA" = Not Analyzed

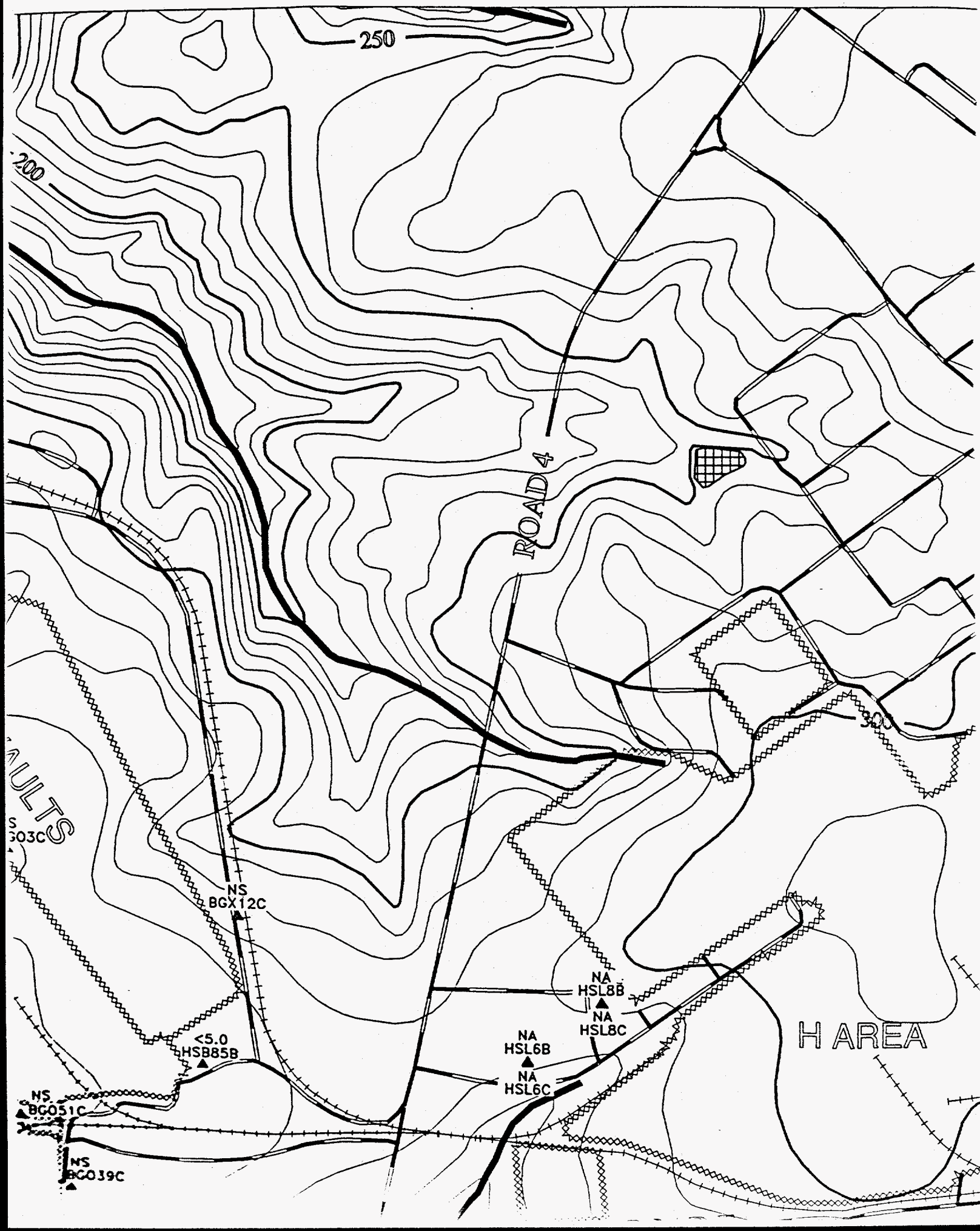
"*" = Wells Not Used to Contour

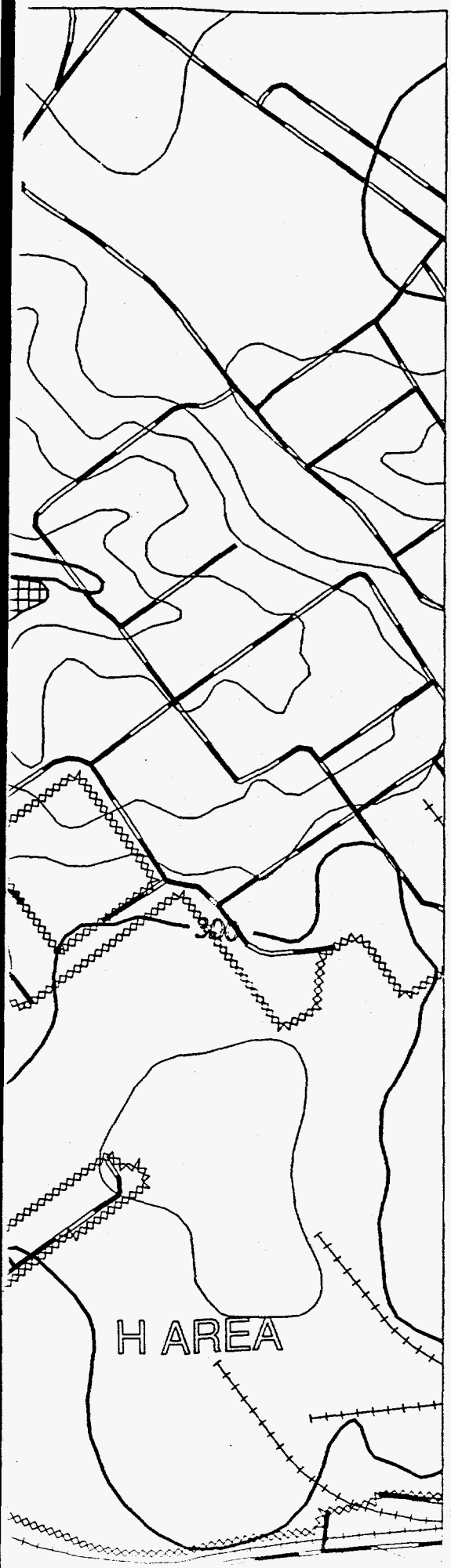
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 5, 10, 20 ug/L


250
300
250
Approximate northern limit of confined to semi-confined conditions in Aquifer Zone IIB1 (Barnwell/McBean)
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
NS HMD3D
NS HMD2D
NS HMD4D
NS BGX7D
NS BGX6D
NS BGX8DR
NS HMD1D
NS BGX5D
E-AREA
VAULTS
NS BGX4C
NS BGX3D
NS BGX2B
NS BGX4D
NS BGX2D
NS BGX1C
NS BGO5C
NS BGO6B
NS BGO44C
NS BGO44B
NS BGO6C
NS BGO8C
NS BGO10B
NS BGO3C
NS BGO10C
300
NS BGO43D
NS BGO43CR
MWMF
NS BGO12CR
NS BGO13DR
NS BGO14CR
NS BGO42C
300
NS BGO16B
NS BGO20B
NS BGO20AA
NS BGO20C
NS BGO53C
NS BGO53B
NS BGO52B
NS BGO52C
NS BGO51B
NS BGO51C
NS BGO45C
NS BGO39C
OLD BURIAL GROUND


250
200
ROAD 4
300
AULTS
S
G03C
NS
BGX12C
NA
HSL8B
NA
HSL8C
H AREA
<5.0
HSB85B
NA
HSL6B
NA
HSL6C
NS
BGO51C
NS
BGO39C



REFERENCE DOCUMENT

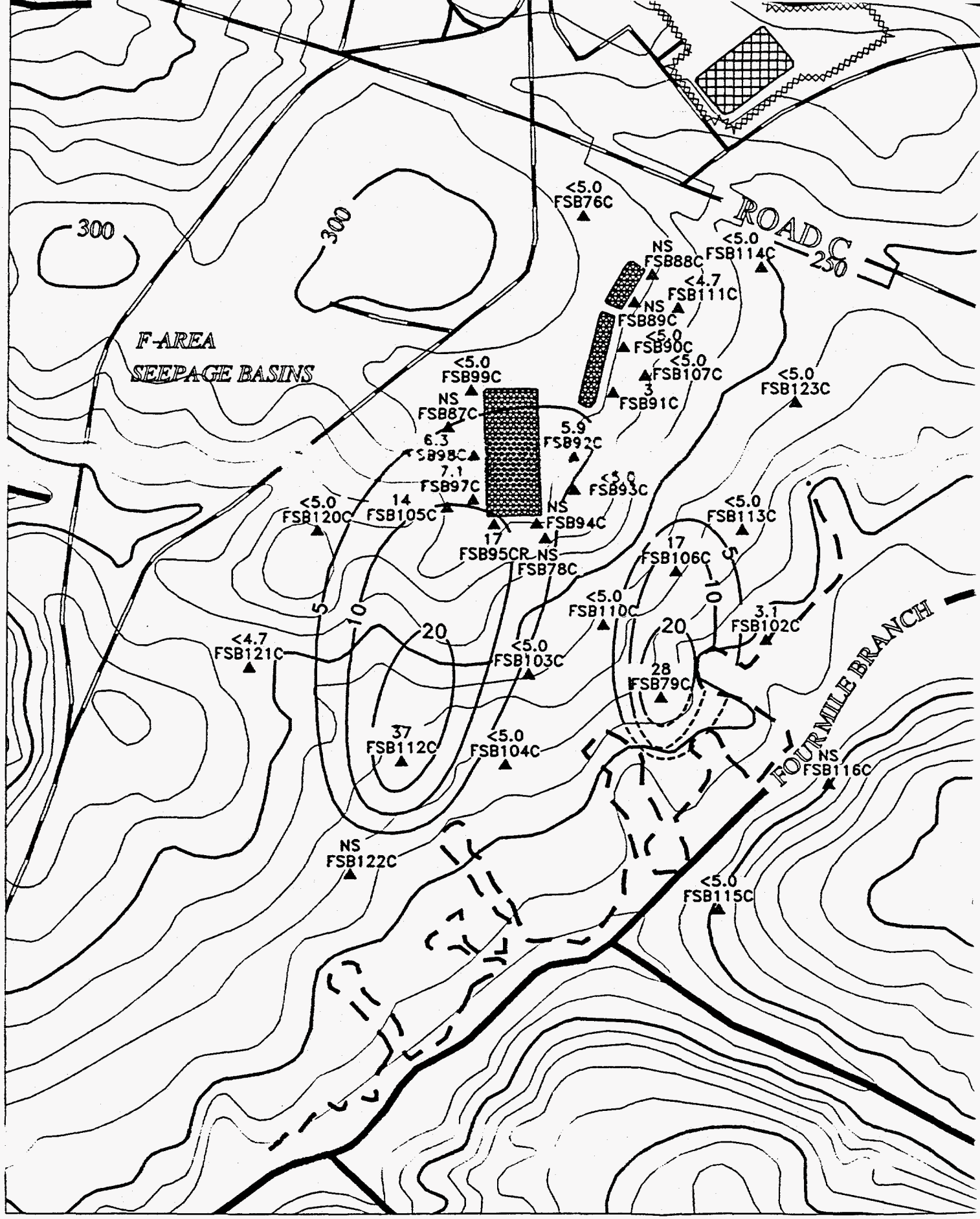
WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

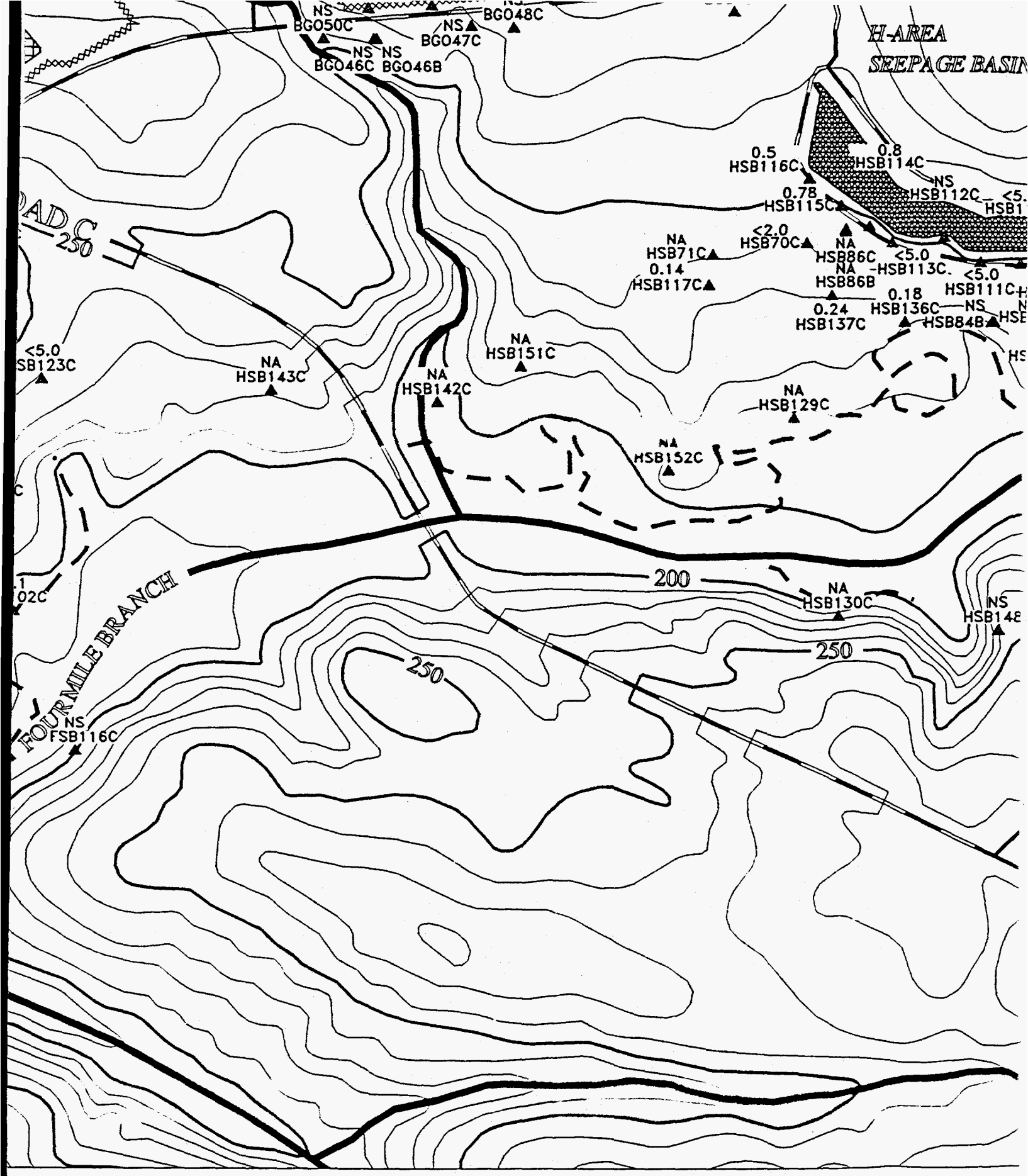
LEGEND

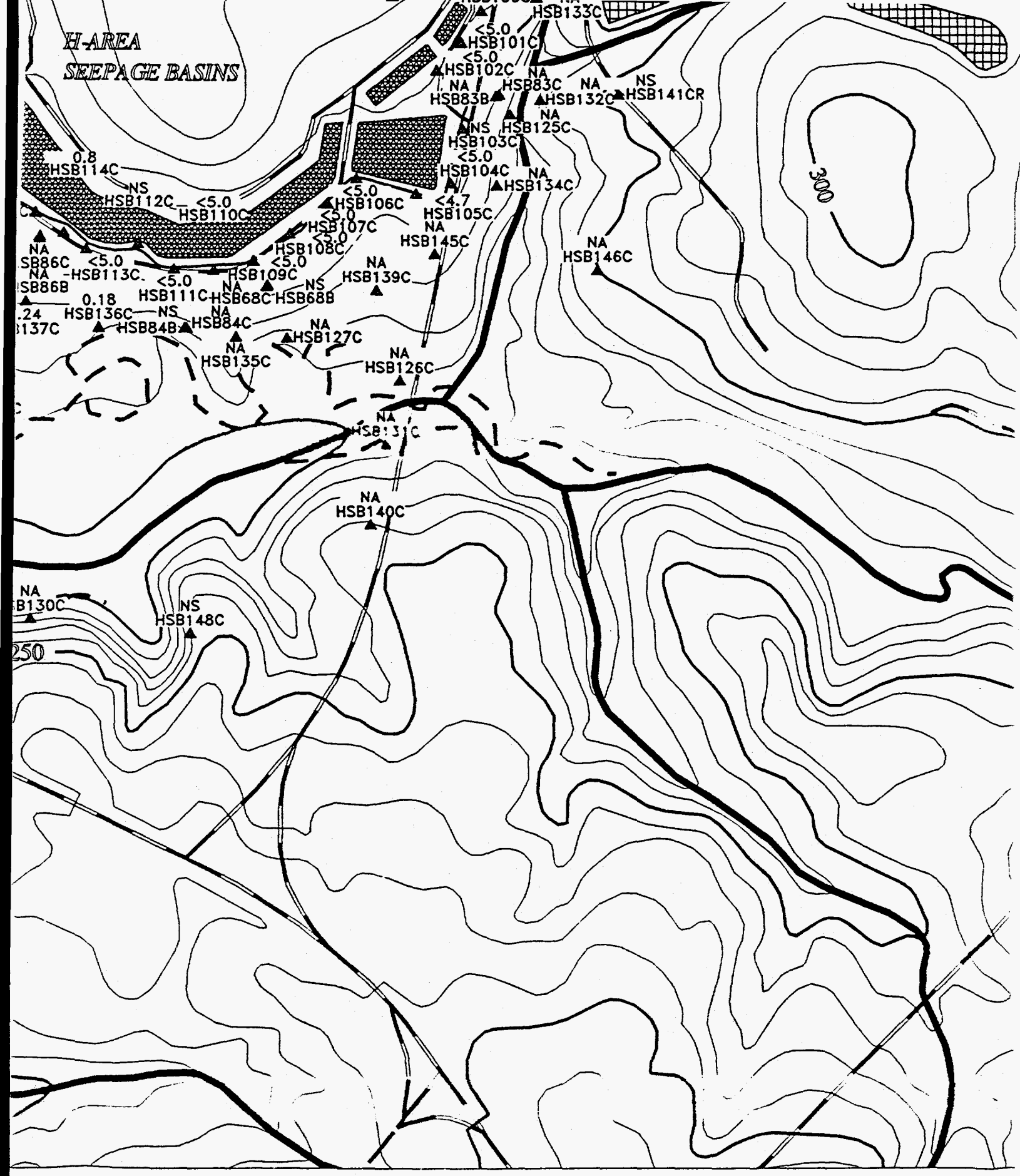
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

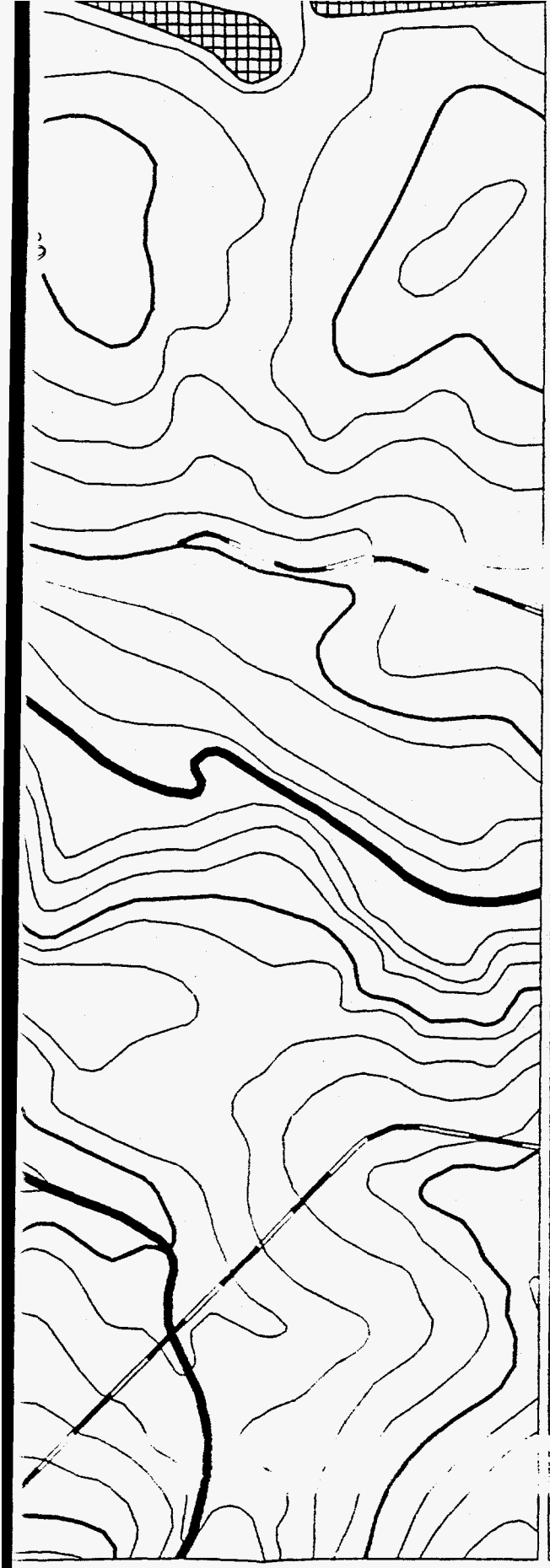
-81.690

-81.638


F-AREA
SEEPAGE BASINS
ROAD C
FOUR MILE BRANCH
300
250
5
10
20
<5.0 FSB76C
NS FSB88C
<5.0 FSB114C
<4.7 FSB111C
NS FSB89C
<5.0 FSB90C
<5.0 FSB107C
3 FSB91C
<5.0 FSB123C
<5.0 FSB99C
NS FSB87C
6.3 FSB98C
5.9 FSB92C
7.1 FSB97C
<5.0 FSB93C
<5.0 FSB120C
14 FSB105C
NS FSB94C
17 FSB95CR
NS FSB78C
<5.0 FSB113C
17 FSB106C
<5.0 FSB110C
3.1 FSB102C
<4.7 FSB121C
<5.0 FSB103C
28 FSB79C
37 FSB112C
<5.0 FSB104C
NS FSB116C
NS FSB122C
<5.0 FSB115C


H-AREA
SEEPAGE BASIN
NS BGO50C
NS BGO48C
NS BGO47C
NS BGO46C
NS BGO46B
0.5 HSB116C
0.8 HSB114C
NS HSB112C
0.78 HSB115C
NA HSB71C
<2.0 HSB70C
NA HSB86C
<5.0
NA HSB113C
0.14 HSB117C
NA HSB86B
<5.0 HSB111C
0.18 HSB136C
NS
0.24 HSB137C
HSB84B
<5.0 SB123C
NA HSB143C
NA HSB142C
NA HSB151C
NA HSB129C
NA HSB152C
NA HSB130C
NS HSB14
200
250
250
FOUR MILE BRANCH
NS FSB116C


H-AREA
SEEPAGE BASINS
HSB133C
<5.0
HSB101C
<5.0
HSB102C
NA
HSB83B
NA
HSB83C
NA
HSB132C
NS
HSB141CR
NA
HSB125C
NS
HSB103C
<5.0
HSB104C
NA
HSB134C
0.8
HSB114C
NS
HSB112C
<5.0
HSB110C
<5.0
HSB106C
<4.7
HSB105C
<5.0
HSB107C
NA
HSB145C
<5.0
HSB108C
NA
HSB146C
NA
SB86C
<5.0
HSB113C
<5.0
HSB109C
NA
HSB139C
NA
SB86B
<5.0
HSB111C
NA
HSB68C
NS
HSB68B
0.18
HSB136C
NS
HSB84B
NA
HSB84C
NA
HSB127C
NA
HSB135C
NA
HSB126C
NA
HSB131C
NA
HSB140C
NA
B130C
NS
HSB148C
300
250



LONGITUDE

33.261 33.261

-81.690 -81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

BARNWELL/McBEAN

CONSTITUENT:

CADMIUM

GWPS = 5 ug/L

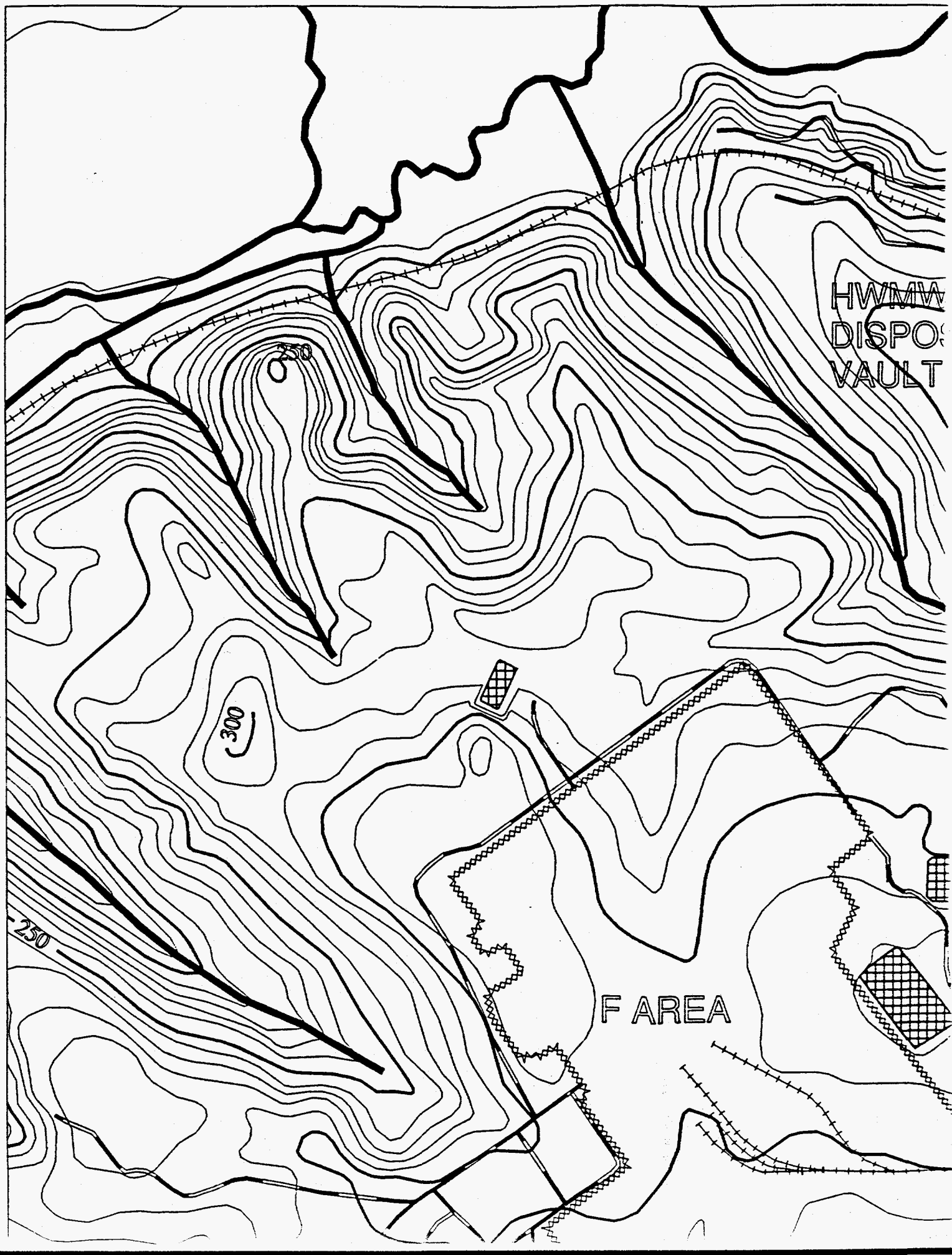
"NS" = Not Sampled

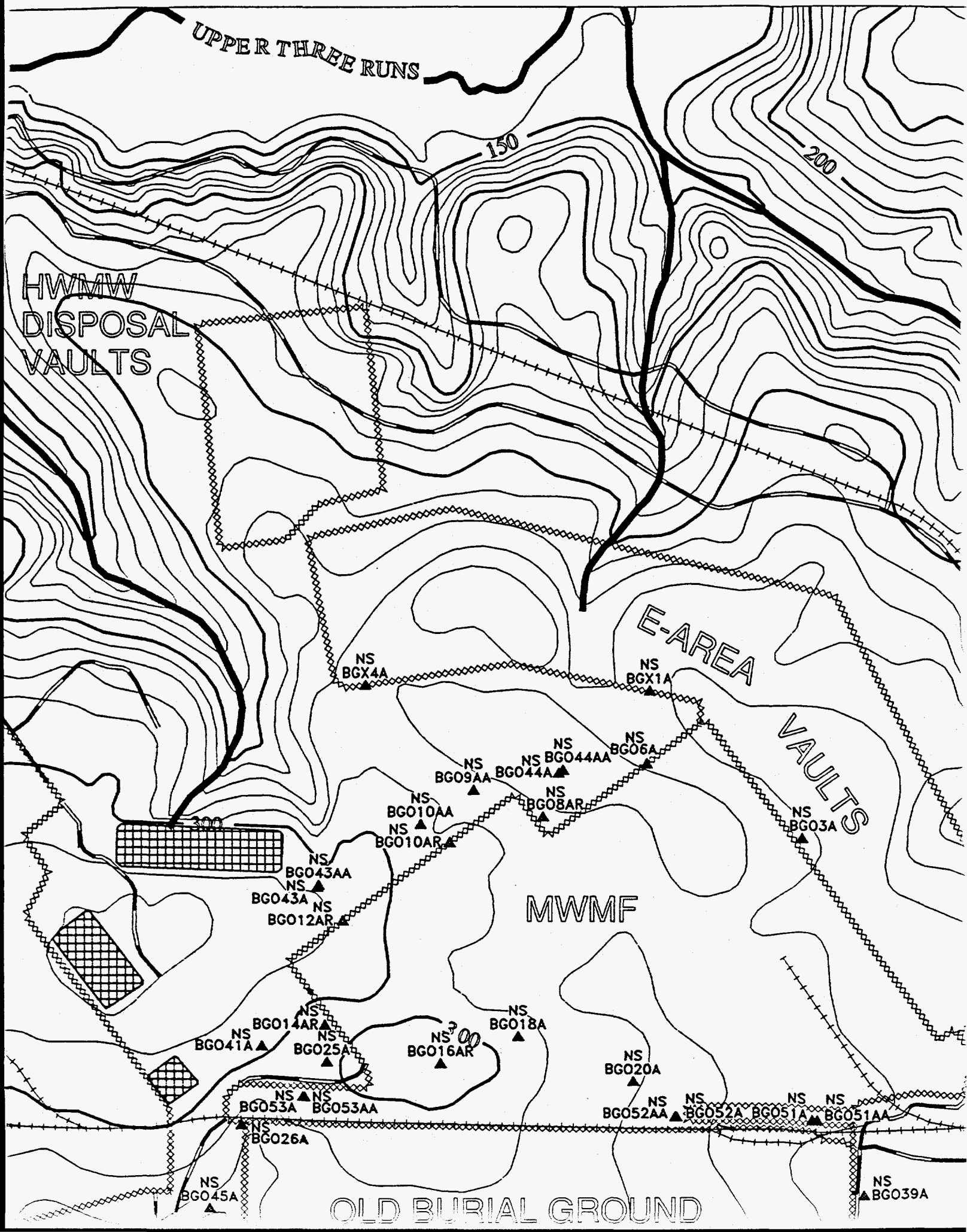
"NA" = Not Analyzed

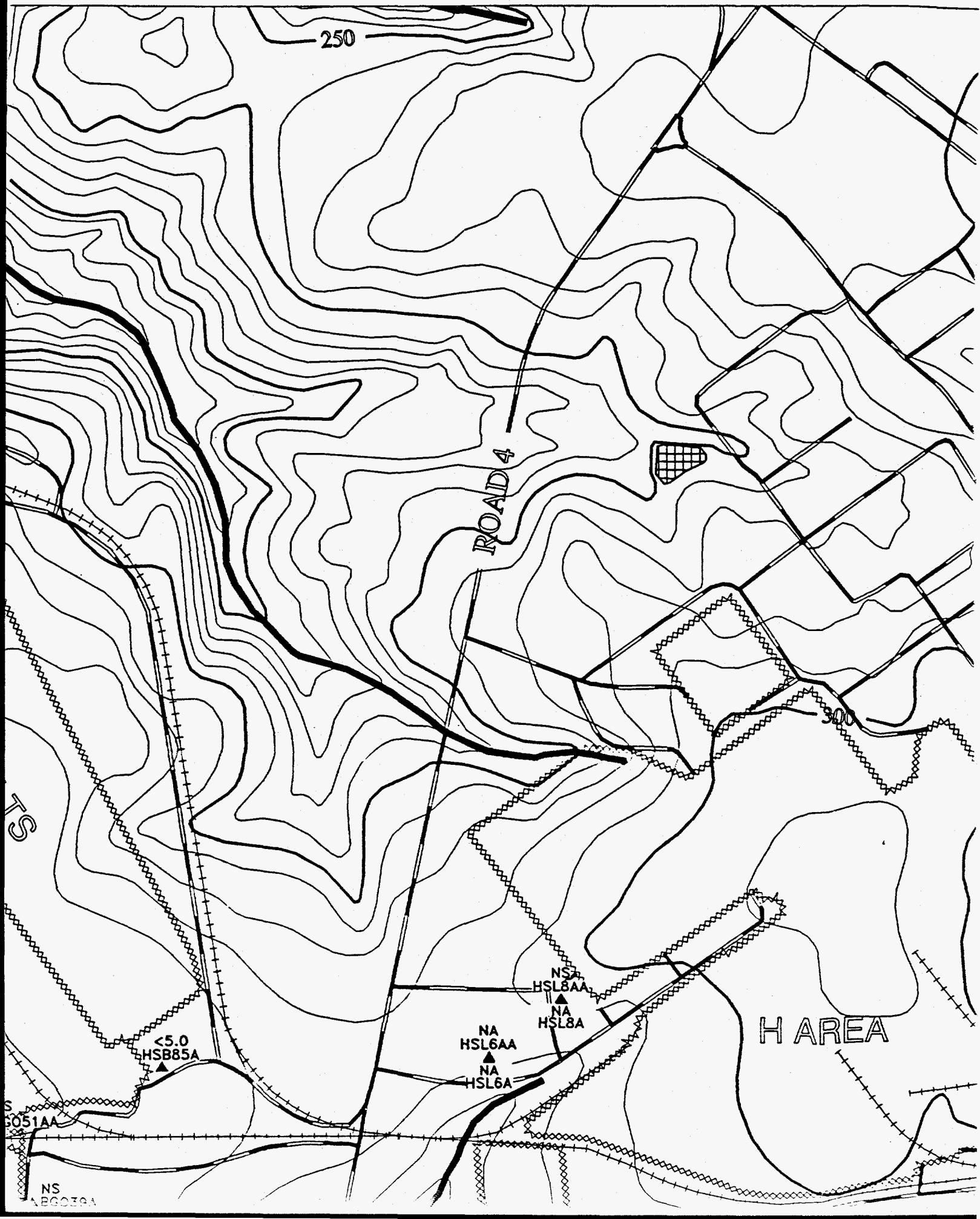
"*" = Wells Not Used to Contour

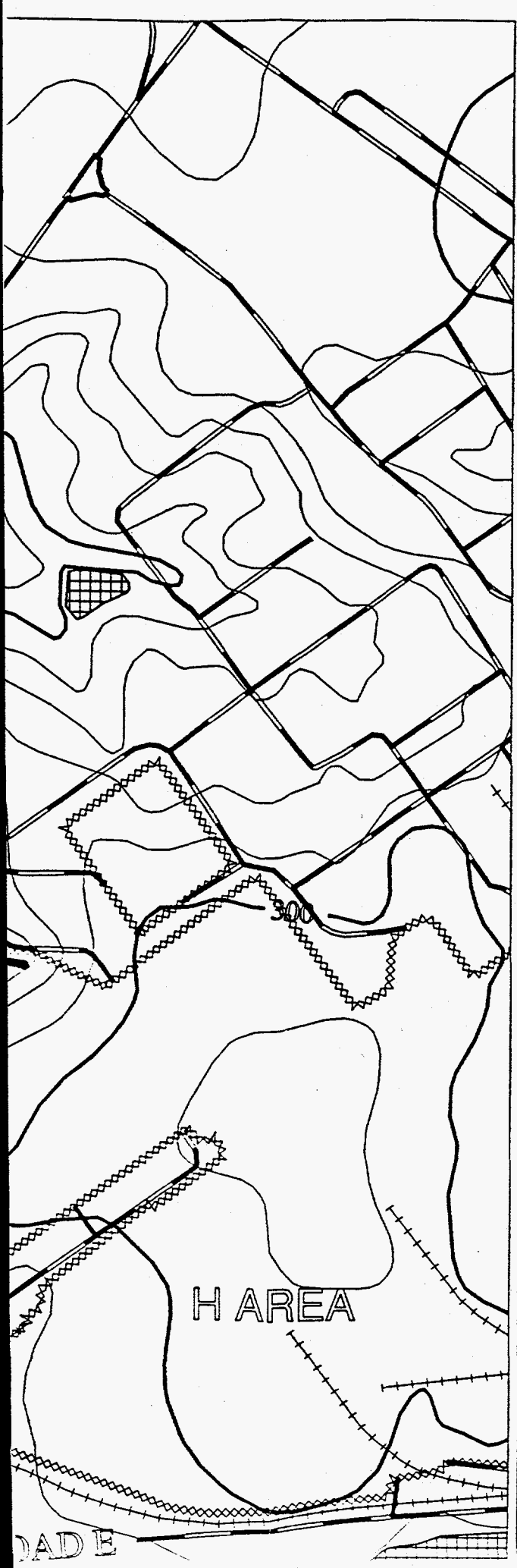
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 5, 10, 20 ug/L


HWMW
DISPO
VAULT
250
300
250
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
E-AREA
VAULTS
MWMF
OLD BURIAL GROUND
300
NS BGX4A
NS BGX1A
NS BG044AA
NS BG06A
NS BG044A
NS BG09AA
NS BG08AR
NS BG010AA
NS BG010AR
NS BG03A
NS BG043AA
NS BG043A
NS BG012AR
NS BG014AR
NS BG018A
NS BG041A
NS BG025A
NS BG016AR
NS BG020A
NS BG053A
NS BG053AA
NS BG052AA
NS BG052A
NS BG051A
NS BG051AA
NS BG026A
NS BG045A
NS BG039A


250
ROAD 4
300
TS
NS
HSL8AA
NA
HSL8A
NA
HSL6AA
NA
HSL6A
<5.0
HSB85A
H AREA
S
G051AA
NS



REFERENCE DOCUMENT

WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report

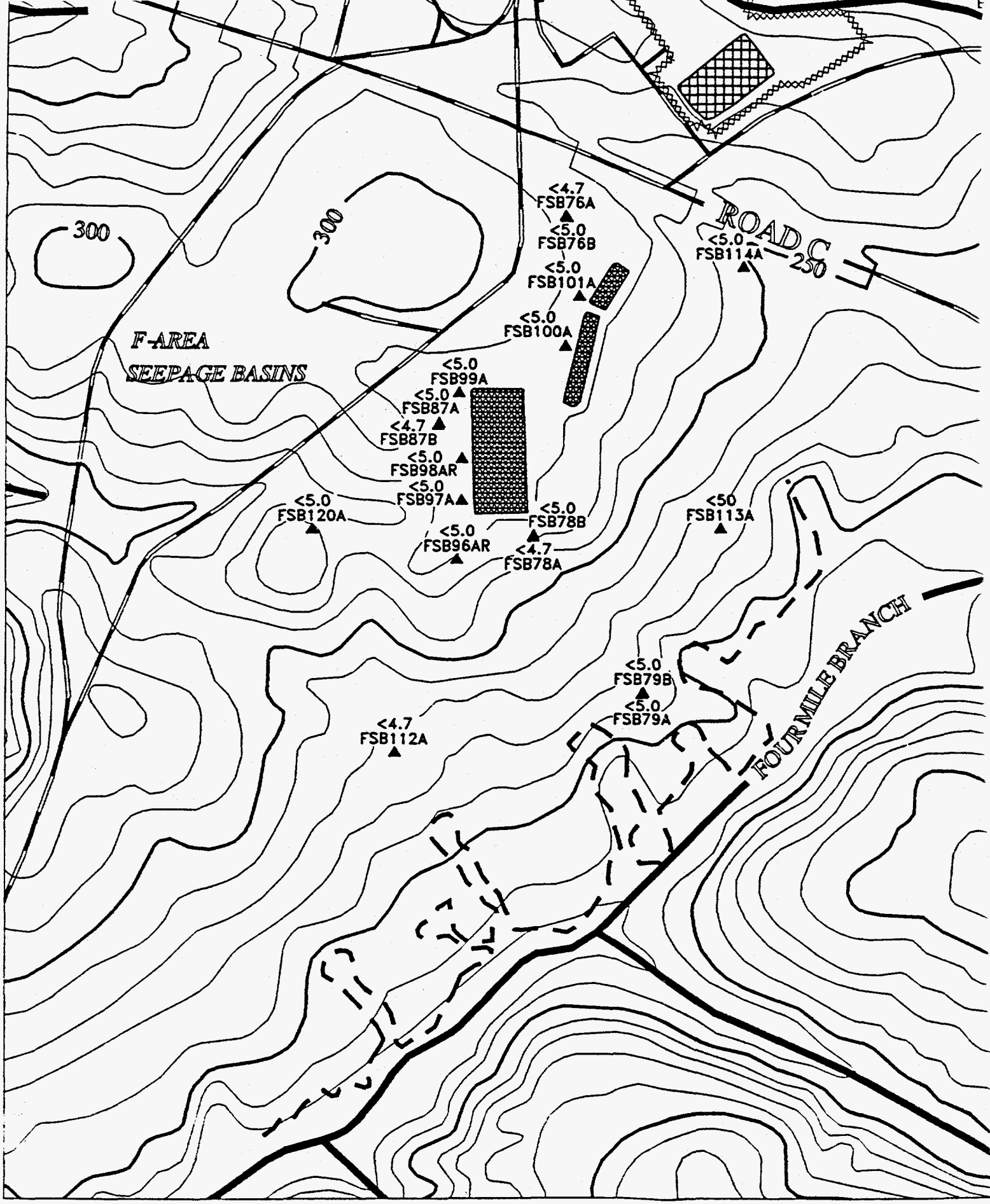
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

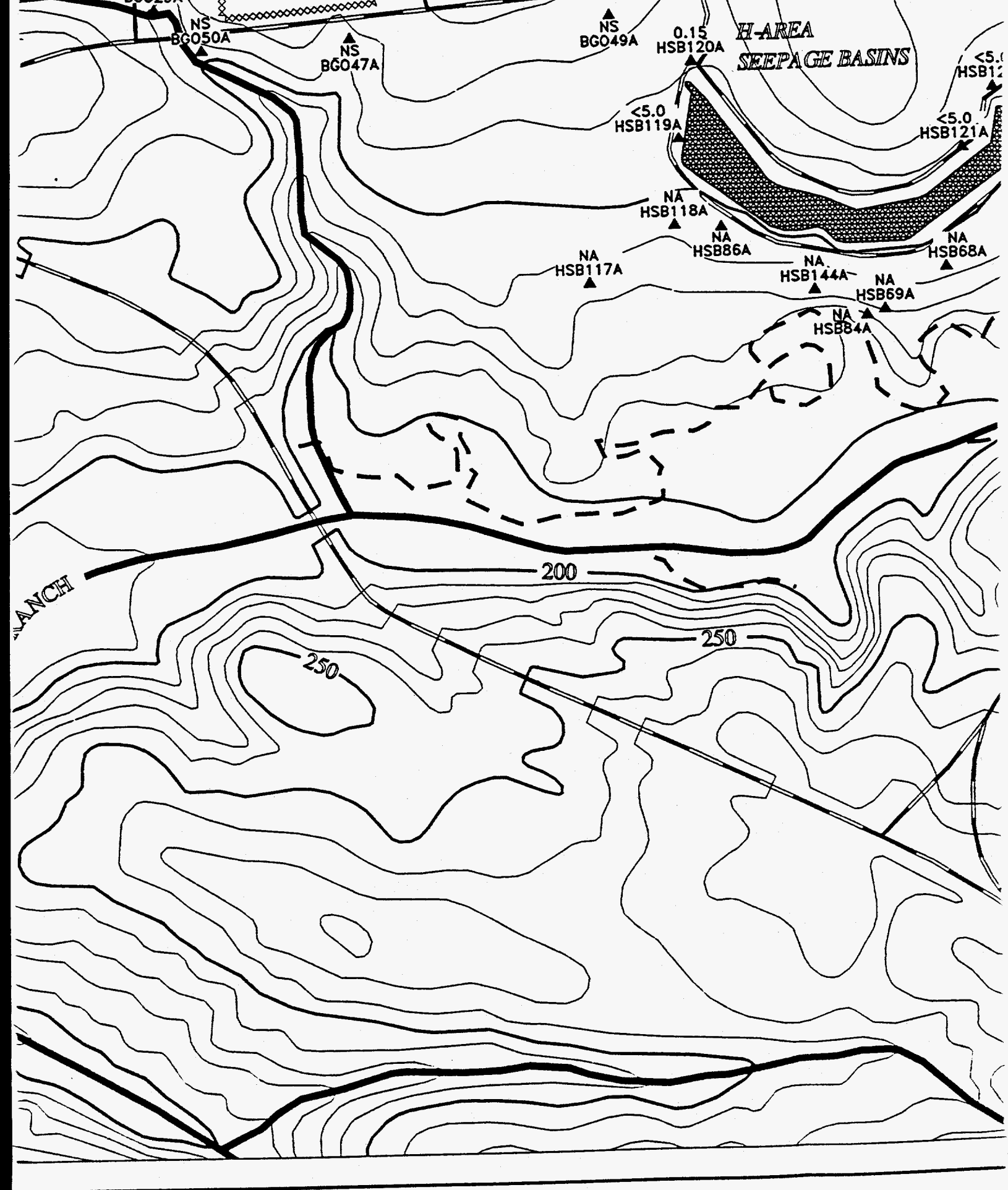
LEGEND

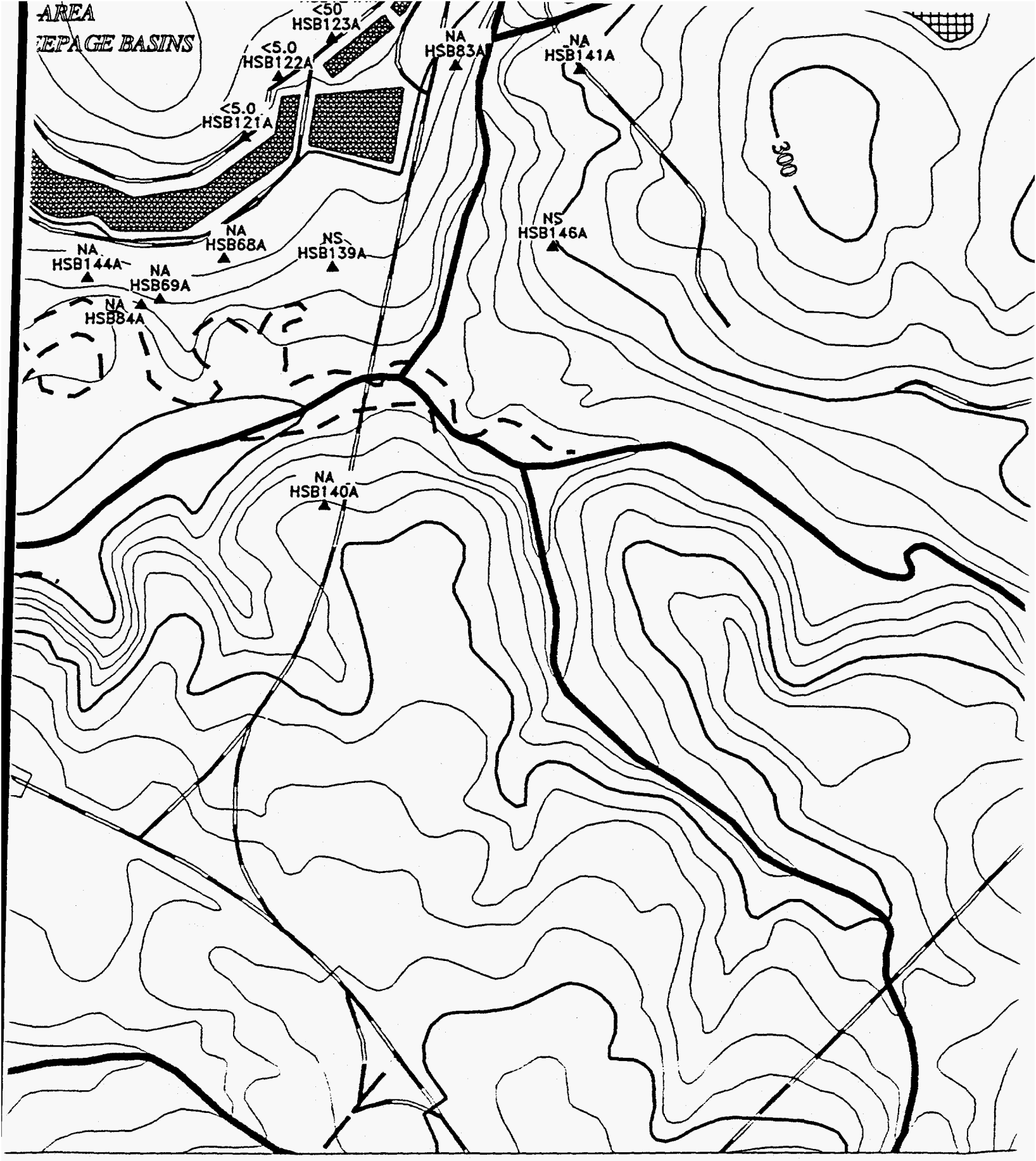
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

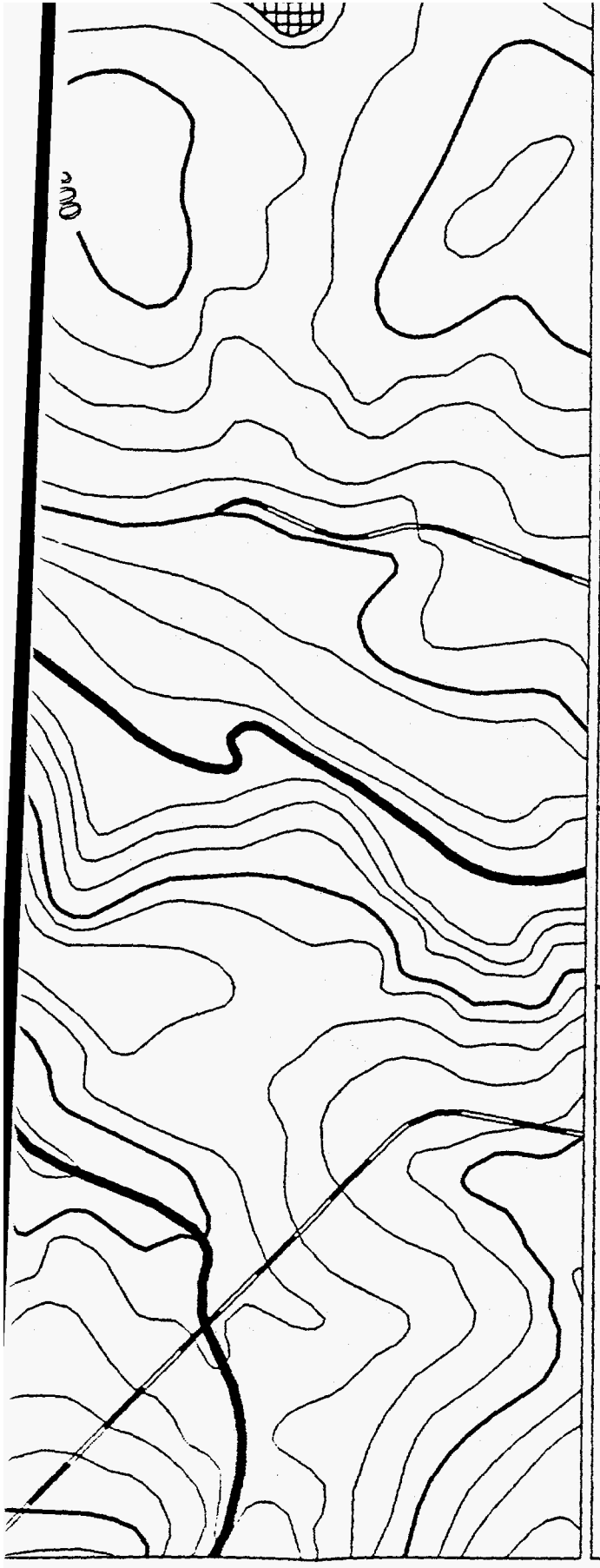
-81.690 -81.638

33.304 33.305


300
300
ROAD C
250
F-AREA
SEEPAGE BASINS
<4.7
FSB76A
<5.0
FSB76B
<5.0
FSB101A
<5.0
FSB100A
<5.0
FSB99A
<5.0
FSB87A
<4.7
FSB87B
<5.0
FSB98AR
<5.0
FSB97A
<5.0
FSB120A
<5.0
FSB96AR
<5.0
FSB78B
<4.7
FSB78A
<5.0
FSB114A
<50
FSB113A
<5.0
FSB79B
<5.0
FSB79A
<4.7
FSB112A
FOUR MILE BRANCH


NS
BG050A
NS
BG047A
NS
BG049A
0.15
HSB120A
H-AREA
SEEPAGE BASINS
<5.0
HSB119A
<5.0
HSB121A
NA
HSB118A
NA
HSB86A
NA
HSB68A
NA
HSB117A
NA
HSB144A
NA
HSB69A
NA
HSB84A
200
250
250
ANCH


AREA
EPAGE BASINS
<50
HSB123A
<5.0
HSB122A
<5.0
HSB121A
NA
HSB83A
NA
HSB141A
300
NS
HSB146A
NA
HSB68A
NS
HSB139A
NA
HSB144A
NA
HSB69A
NA
HSB84A
NA
HSB140A



33.261 33.261

-81.690 -81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

CONGAREE

CONSTITUENT:

CADMIUM

GWPS = 5 ug/L

"NS" = Not Sampled

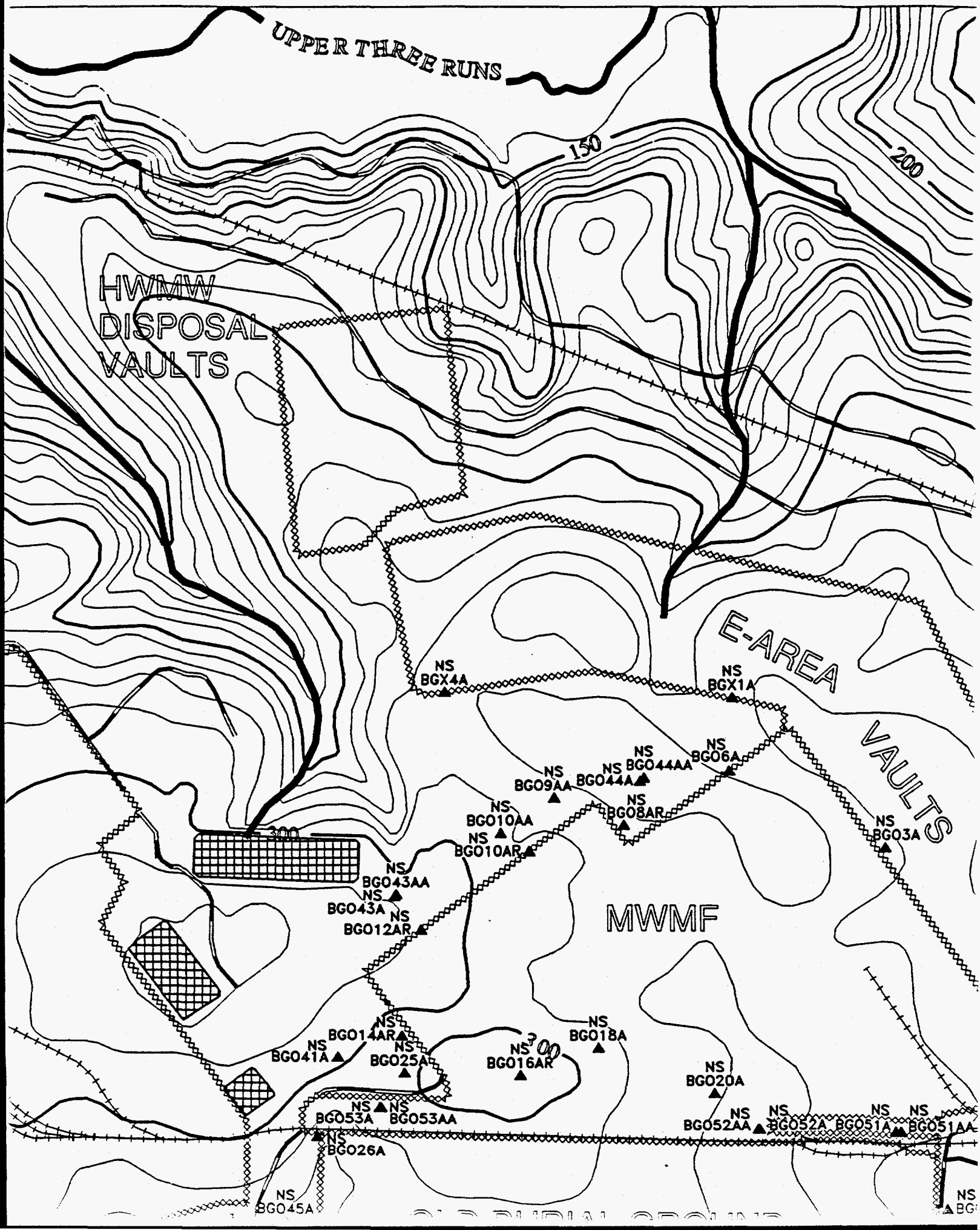
"NA" = Not Analyzed

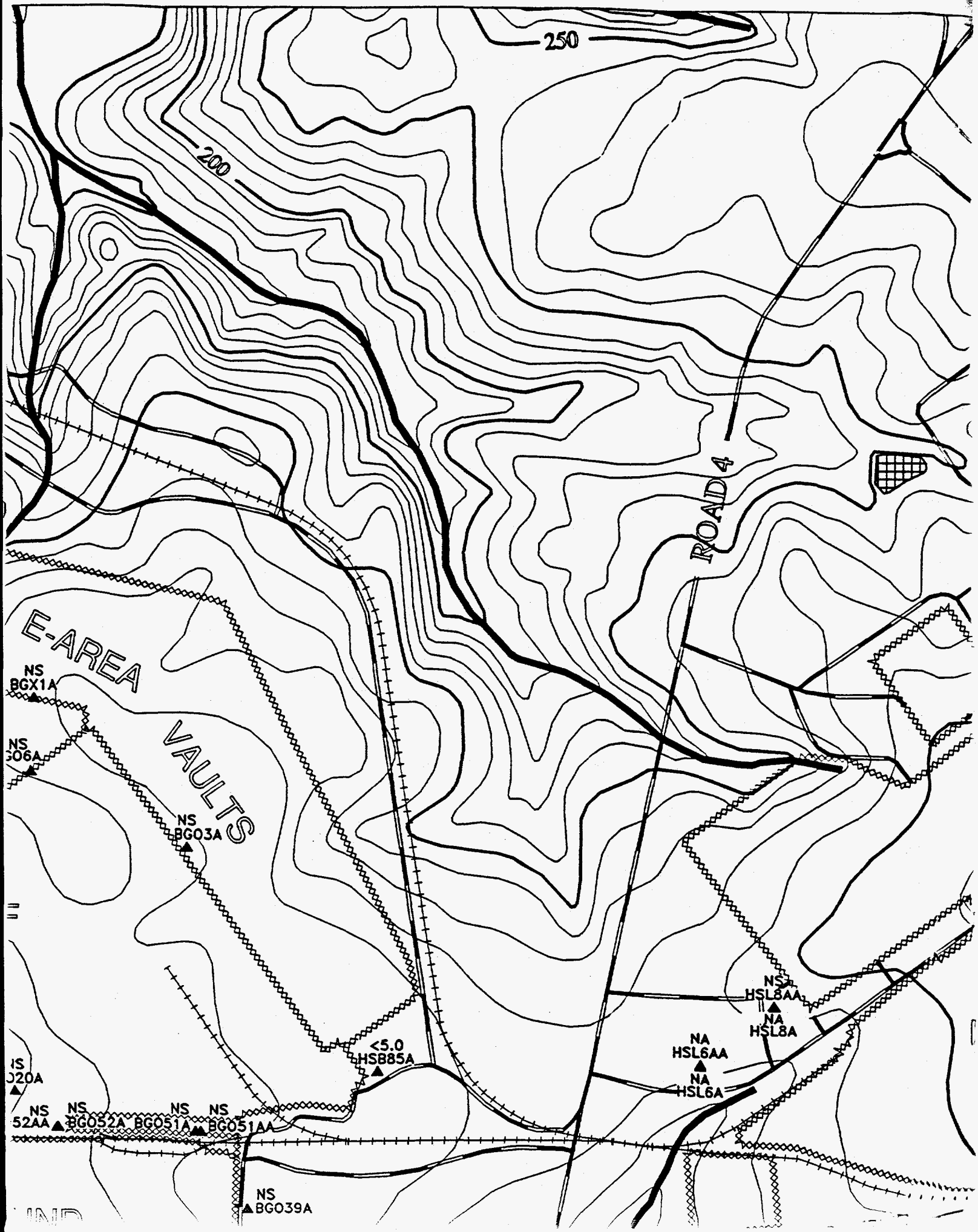
"*" = Wells Not Used to Contour

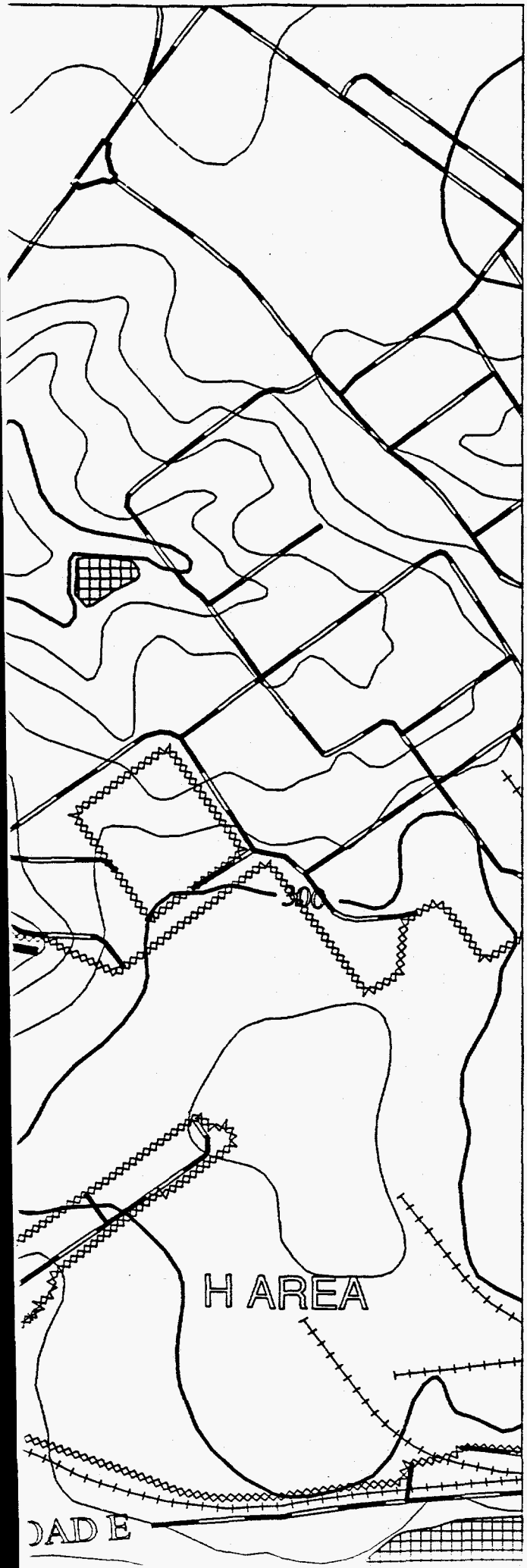
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 5, 10, 20 ug/L

HW
DIS
VAL
350
300
250
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
E-AREA
VAULTS
MWMF
300
NS BGX4A
NS BGX1A
NS BGO44AA
NS BGO44A
NS BGO6A
NS BGO9AA
NS BGO8AR
NS BGO10AA
NS BGO10AR
NS BGO3A
NS BGO43AA
NS BGO43A
NS BGO12AR
NS BGO14AR
NS BGO41A
NS BGO25A
NS BGO16AR
NS BGO18A
NS BGO20A
NS BGO53A
NS BGO53AA
NS BGO52AA
NS BGO52A
NS BGO51A
NS BGO51AA
NS BGO26A
NS BGO45A


250
200
ROAD 4
E-AREA
VAULTS
NS
BGX1A
NS
BG06A
NS
BG03A
<5.0
HSB85A
NS
HSL8AA
NA
HSL8A
NA
HSL6AA
NA
HSL6A
NS
BG052A
NS
BG051A
NS
BG051AA
NS
BG039A



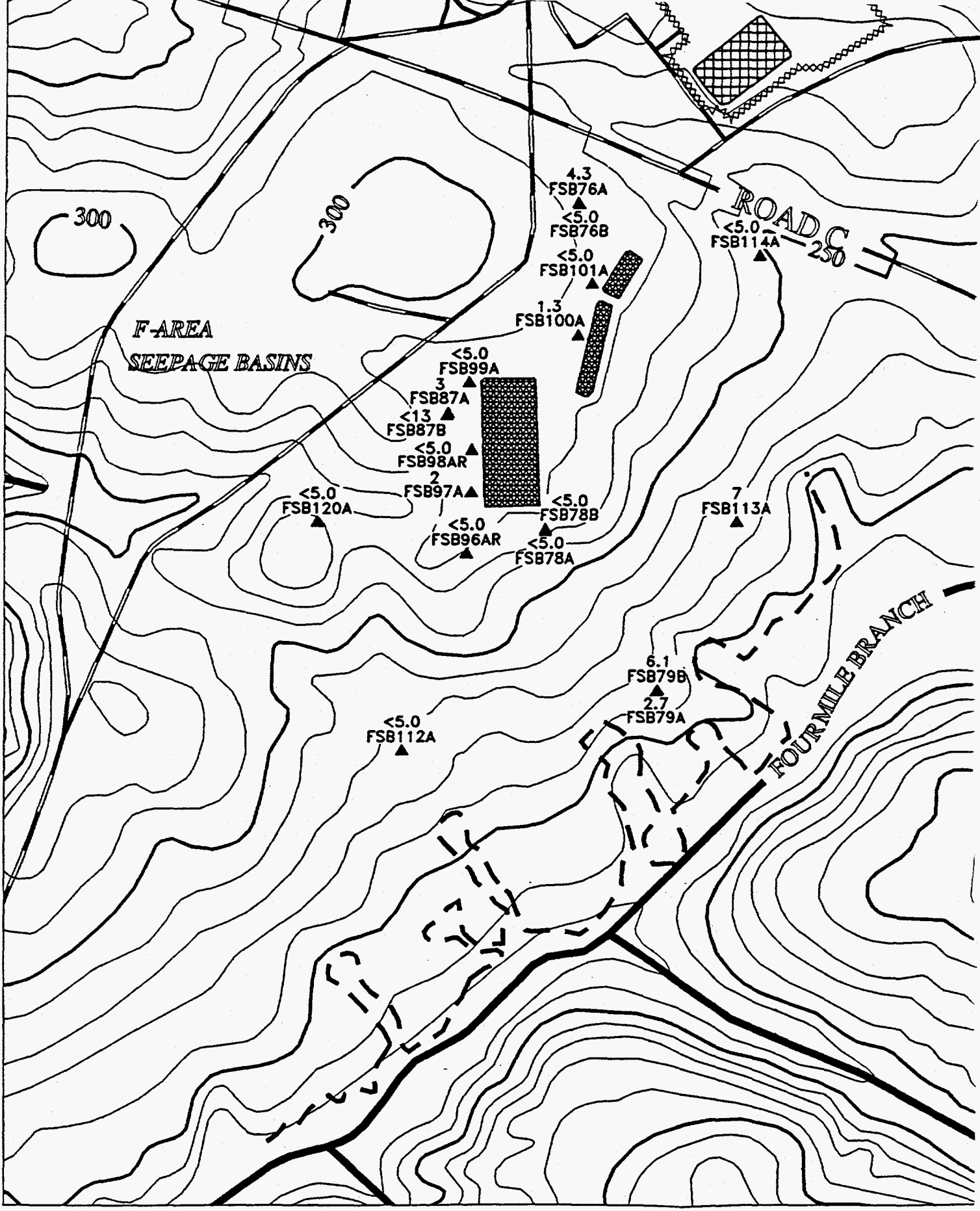
REFERENCE DOCUMENT

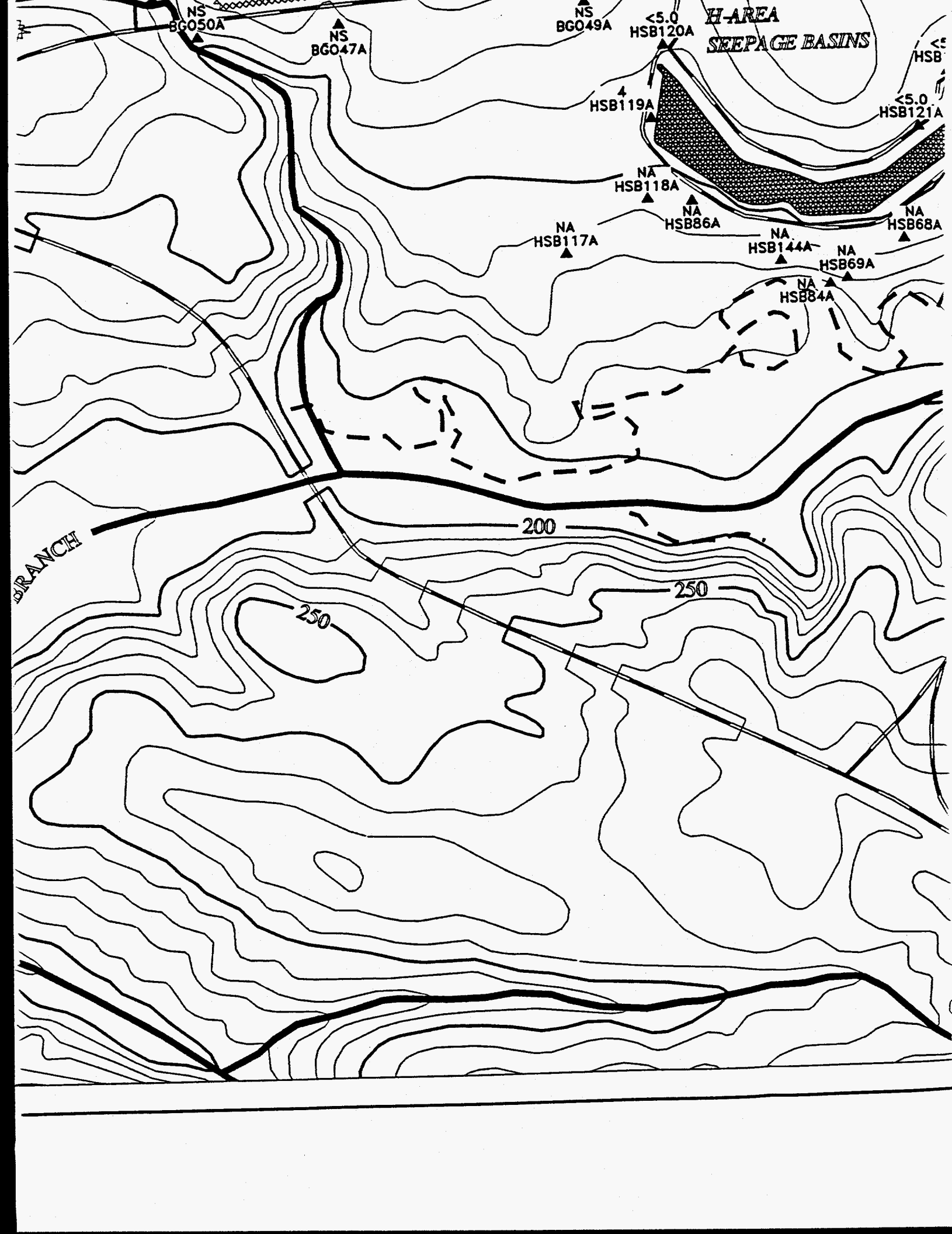
WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

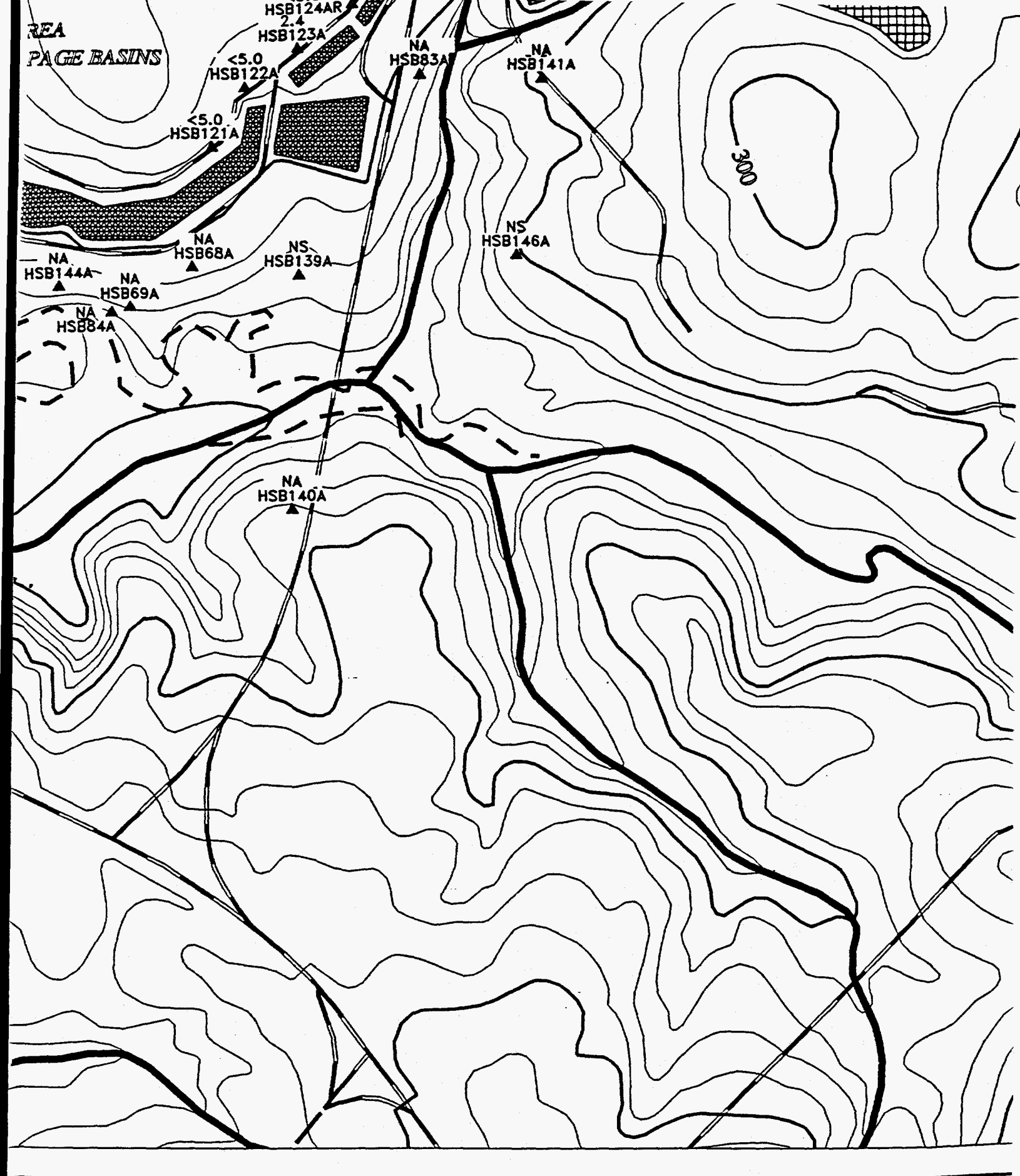
LEGEND

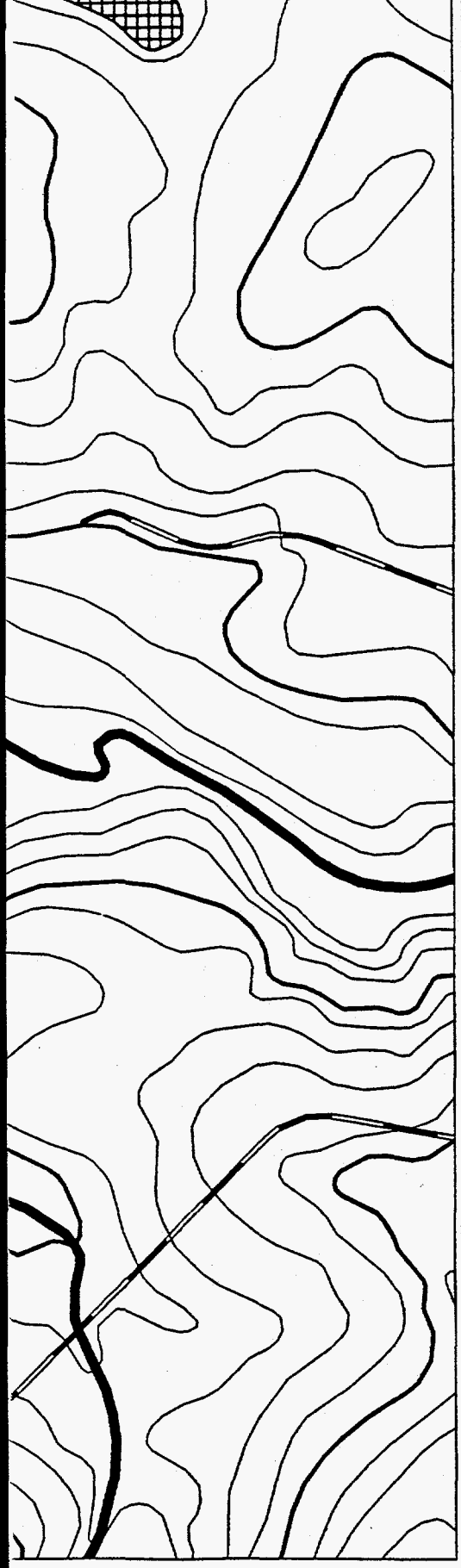
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

-81.690 -81.638
33.304 33.305


300
300
250
ROAD C
F-AREA
SEEPAGE BASINS
FOUR MILE BRANCH
4.3
FSB76A
<5.0
FSB76B
<5.0
FSB101A
1.3
FSB100A
<5.0
FSB114A
<5.0
FSB99A
3
FSB87A
<13
FSB87B
<5.0
FSB98AR
2
FSB97A
<5.0
FSB120A
<5.0
FSB96AR
<5.0
FSB78B
<5.0
FSB78A
7
FSB113A
6.1
FSB79B
2.7
FSB79A
<5.0
FSB112A


NS
BG050A
NS
BG047A
NS
BG049A
<5.0
HSB120A
H-AREA
SEEPAGE BASINS
HSB119A
<5.0
HSB121A
NA
HSB118A
NA
HSB86A
NA
HSB68A
NA
HSB117A
NA
HSB144A
NA
HSB69A
NA
HSB84A
200
250
250
BRANCH


REA
PAGE BASINS
HSB124AR
2.4
HSB123A
<5.0
HSB122A
<5.0
HSB121A
NA
HSB83A
NA
HSB141A
300
NS
HSB146A
NA
HSB68A
NS
HSB139A
NA
HSB144A
NA
HSB69A
NA
HSB84A
NA
HSB140A



33.261 33.261

-81.690 -81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

CONGAREE

CONSTITUENT:

LEAD

GWPS = 15 ug/L

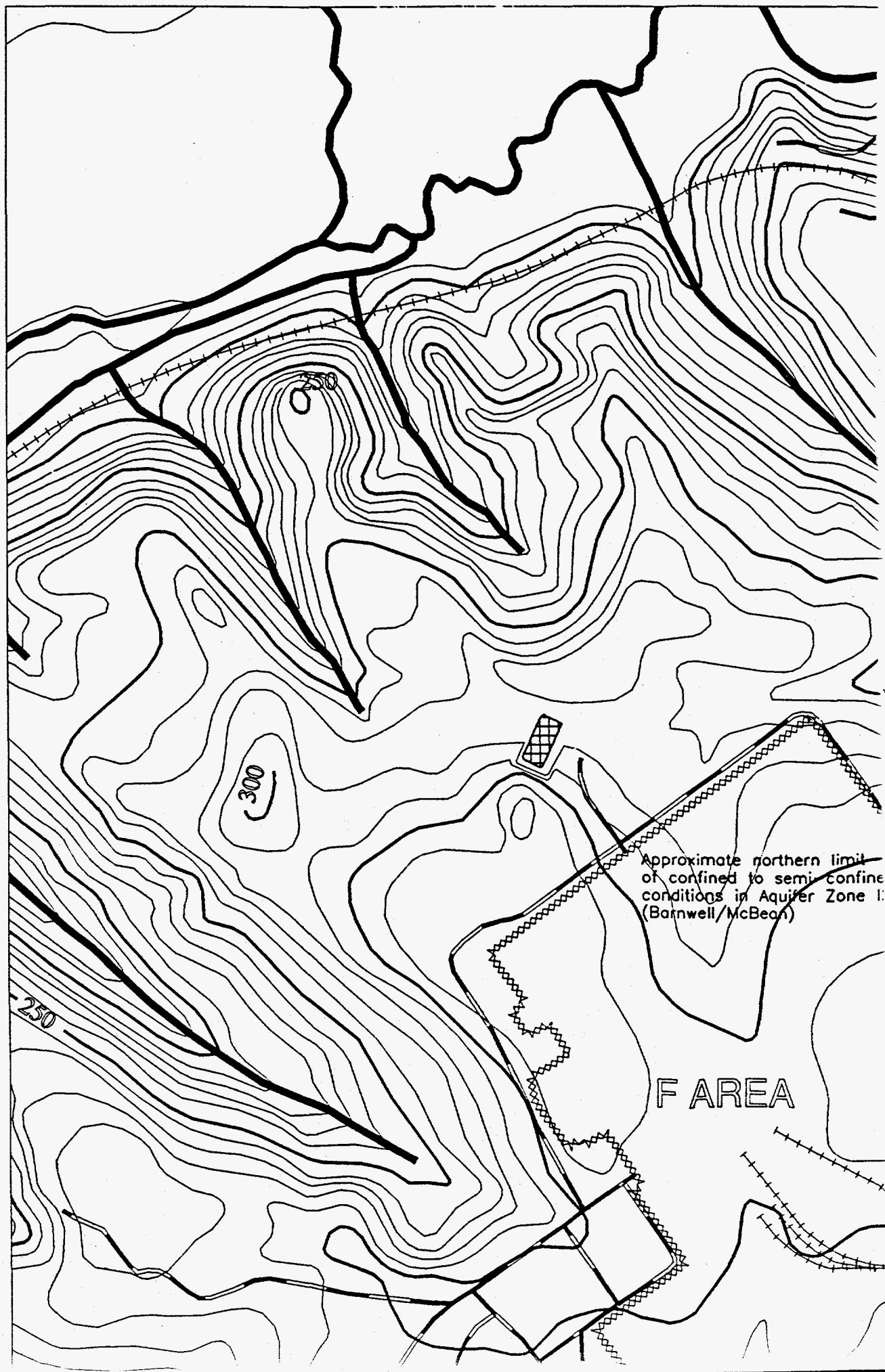
"NS" = Not Sampled

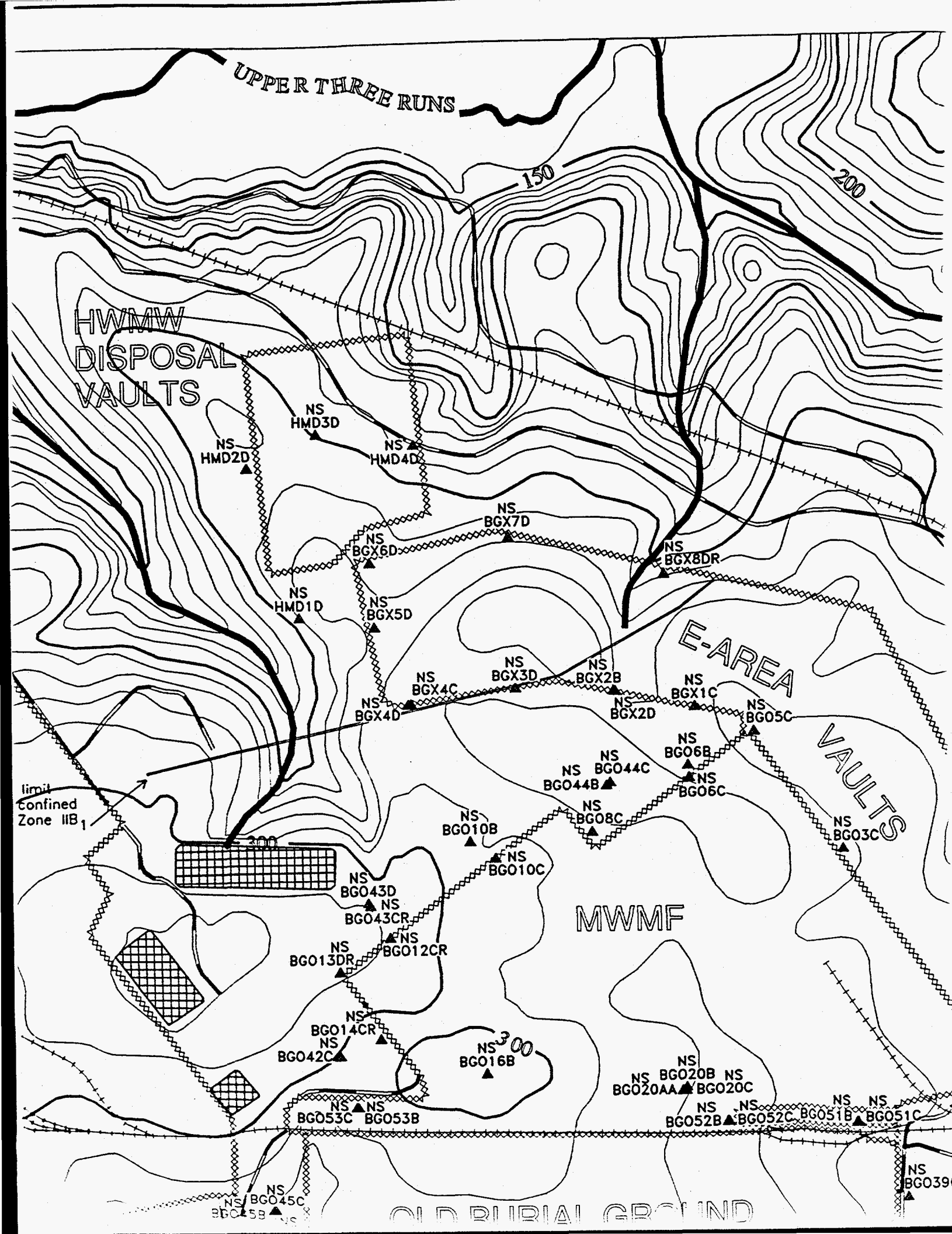
"NA" = Not Analyzed

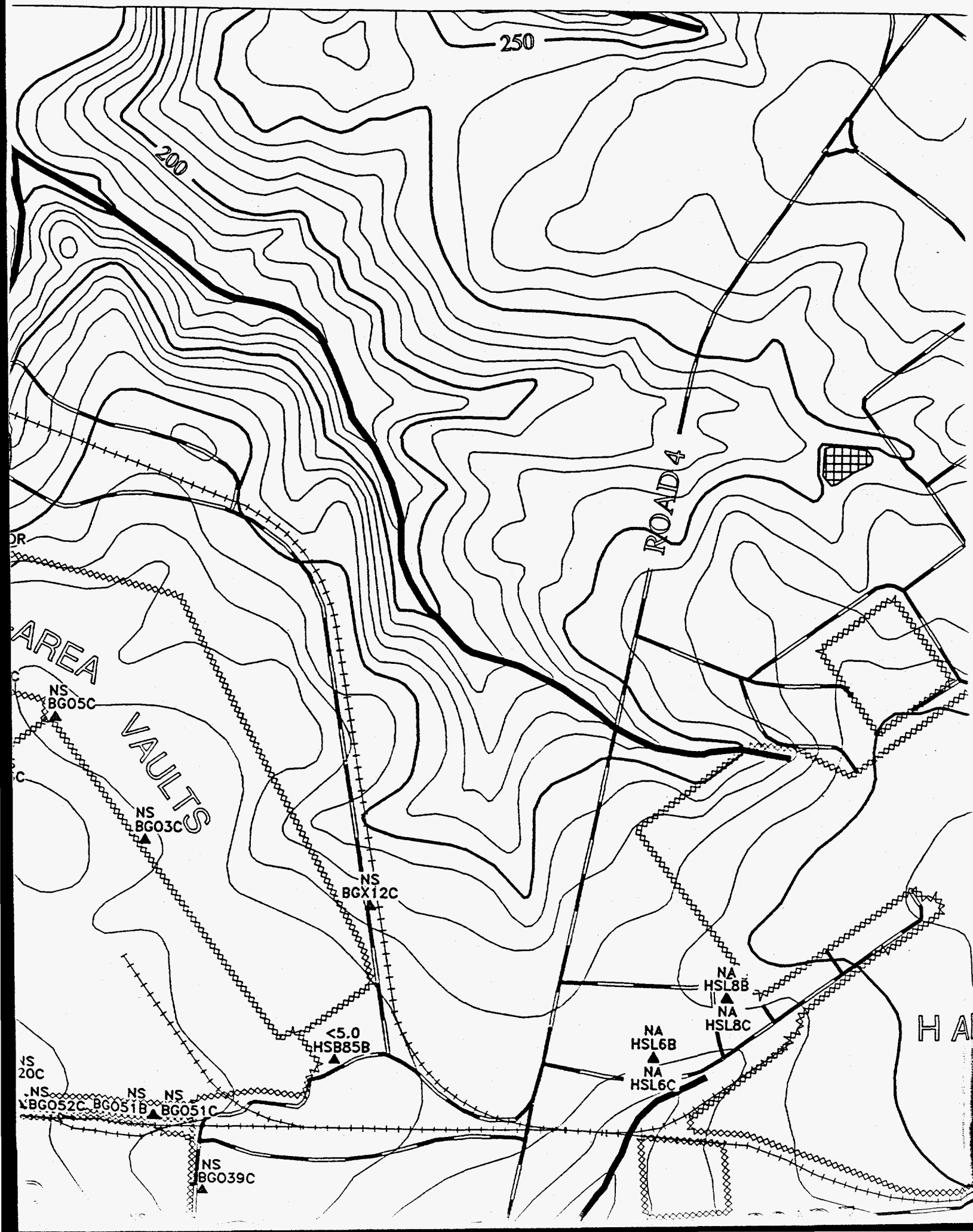
"*" = Wells Not Used to Contour

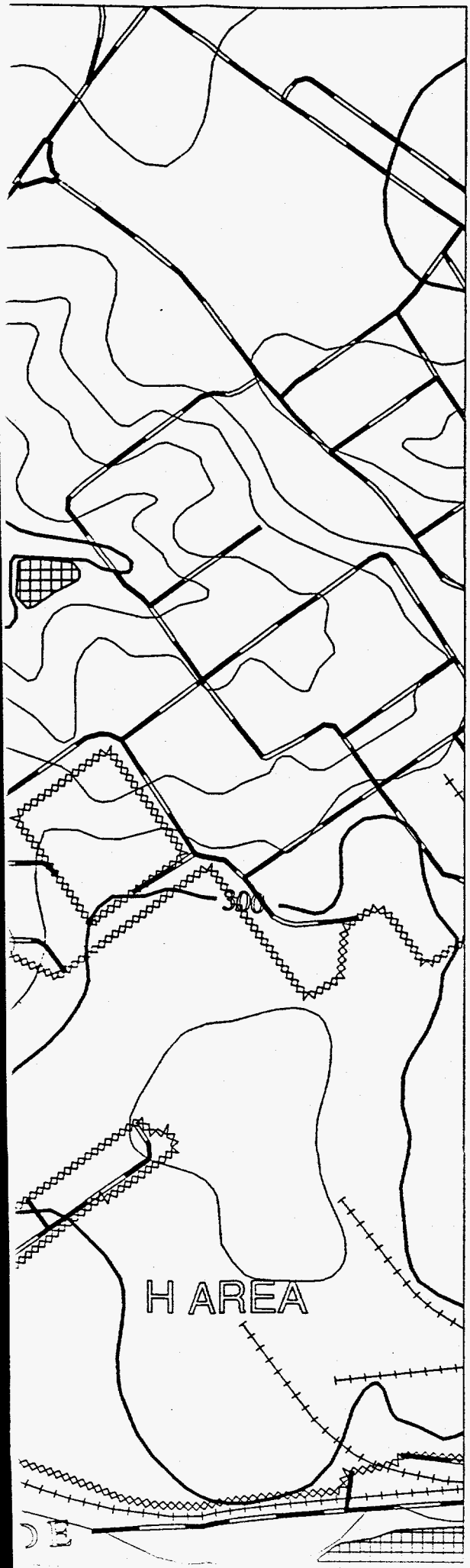
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 15, 30, 60 ug/L


350
300
250
Approximate northern limit
of confined to semi confine
conditions in Aquifer Zone 1
(Barnwell/McBean)
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
NS HMD3D
NS HMD2D
NS HMD4D
NS BGX7D
NS BGX6D
NS BGX8DR
NS HMD1D
NS BGX5D
E-AREA
VAULTS
NS BGX3D
NS BGX2B
NS BGX4C
NS BGX1C
NS BGX4D
NS BGX2D
NS BG05C
NS BG06B
NS BG044C
NS BG044B
NS BG06C
limit
confined
Zone IIB1
NS BG08C
NS BG03C
NS BG010B
300
NS BG010C
NS BG043D
NS BG043CR
MWMF
NS BG012CR
NS BG013DR
NS BG014CR
NS BG042C
NS BG016B
NS BG020B
NS BG020AA
NS BG020C
NS BG053C
NS BG053B
NS BG052B
NS BG052C
NS BG051B
NS BG051C
NS BG045C
OLD BURIAL GROUND


250
200
ROAD 4
AREA
VAULTS
NS
BG05C
NS
BG03C
NS
BGX12C
NA
HSL8B
NA
HSL8C
NA
HSL6B
NA
HSL6C
<5.0
HSB85B
NS
BG052C
NS
BG051B
NS
BG051C
NS
BG039C



REFERENCE DOCUMENT

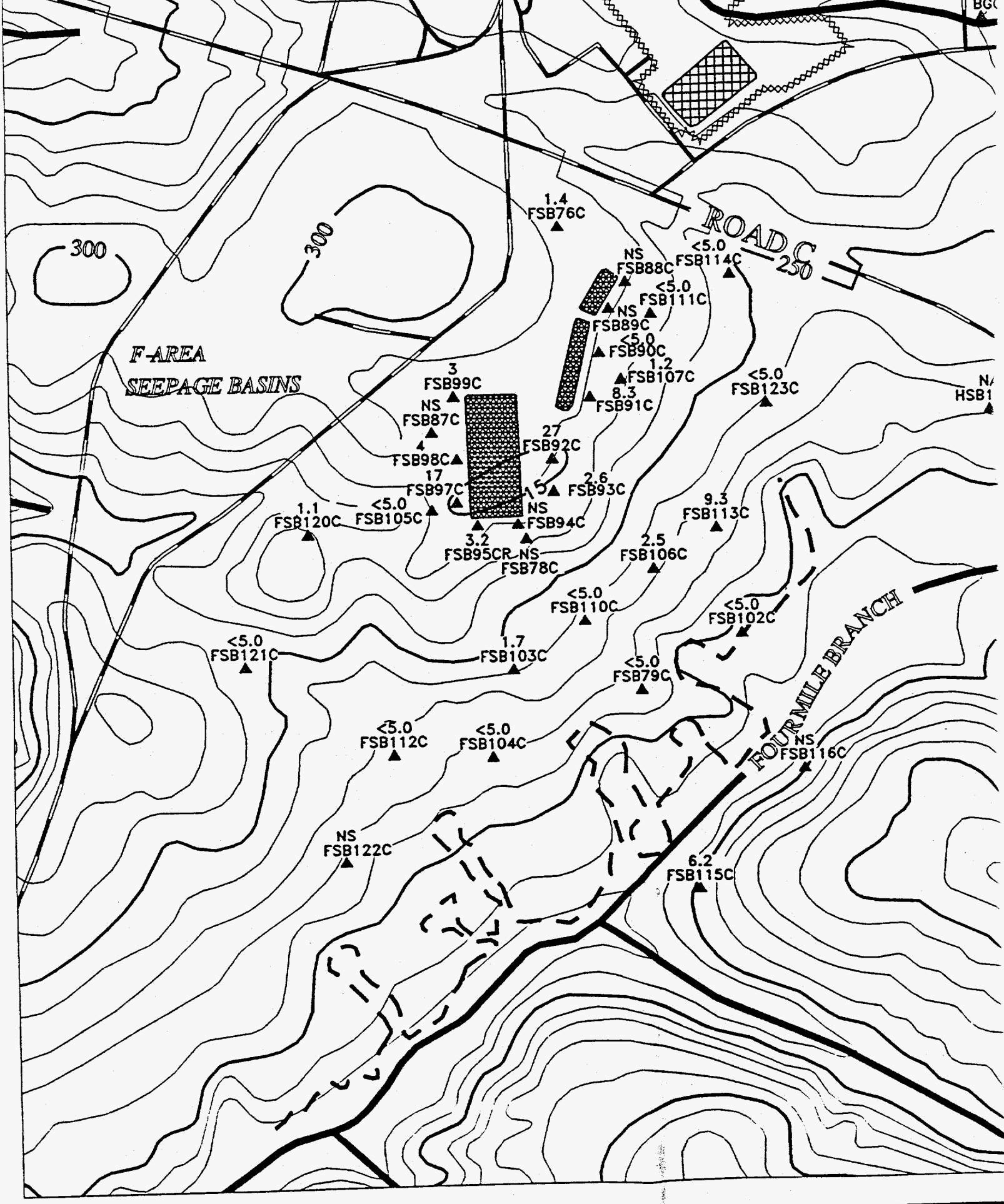
WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

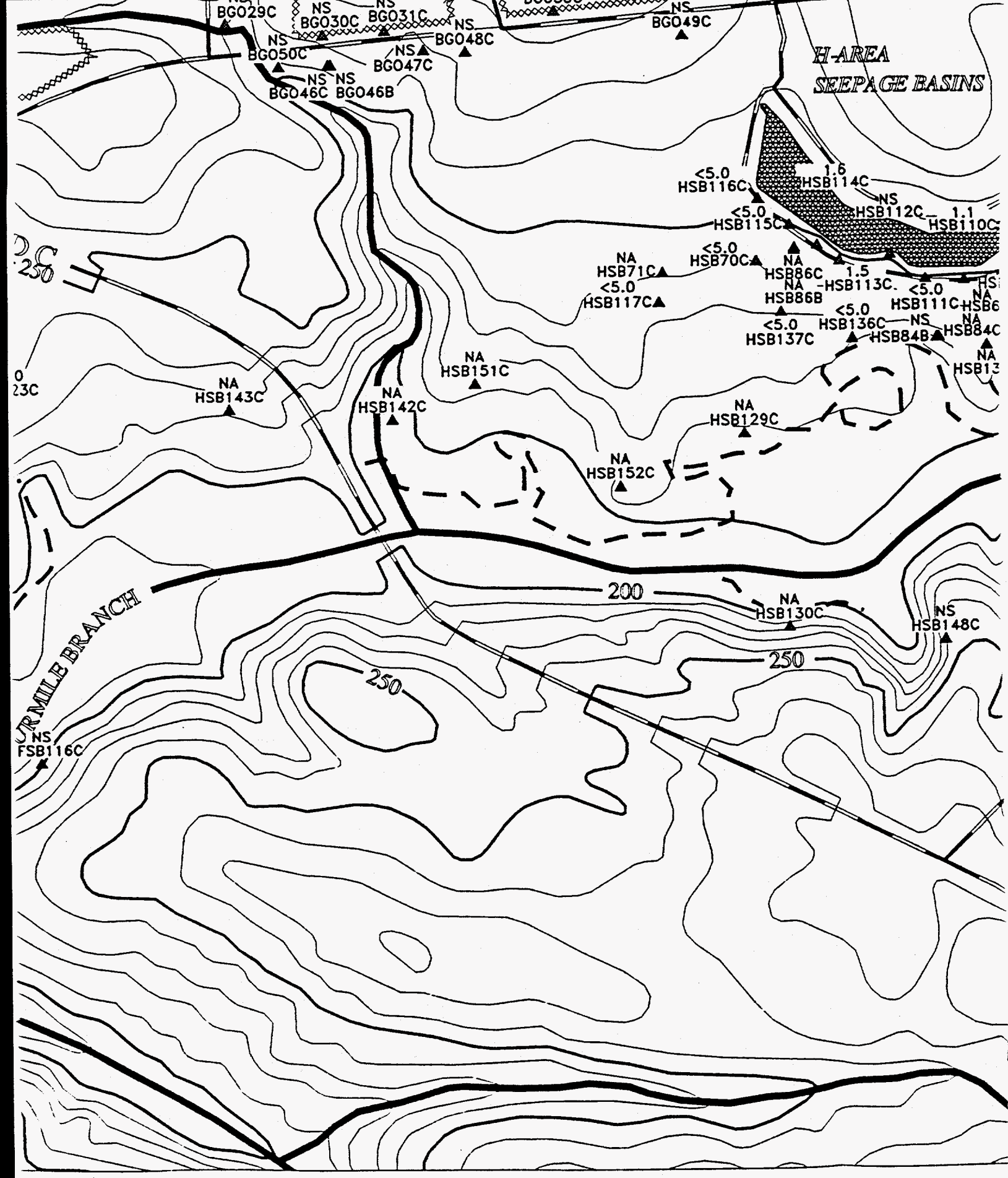
LEGEND

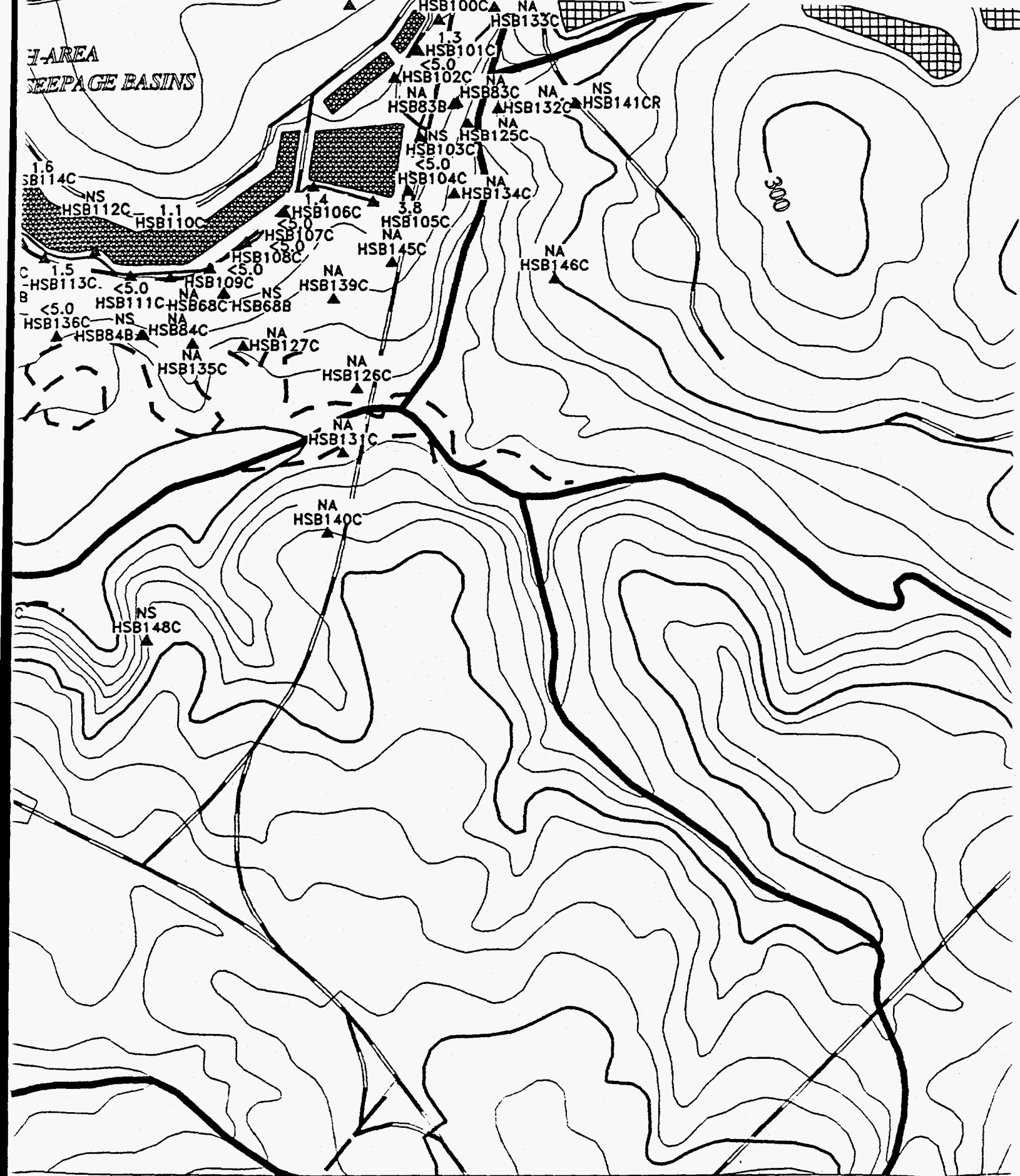
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

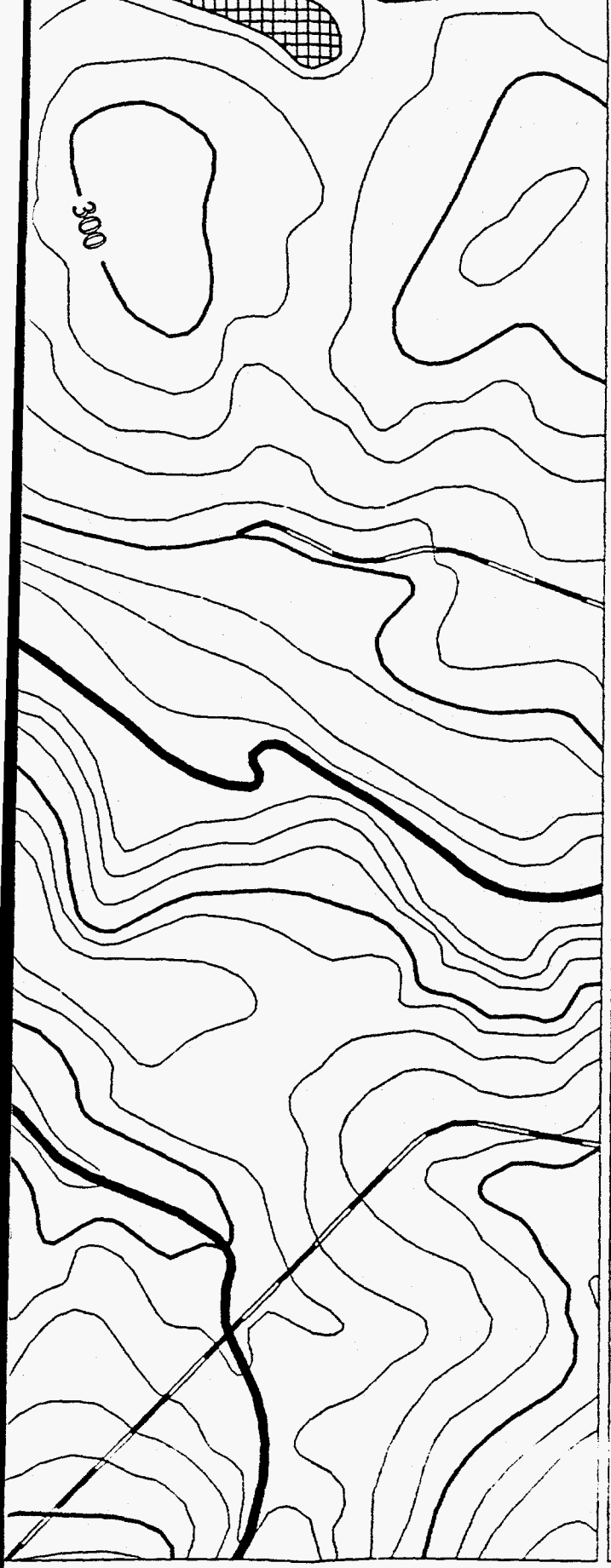
-81.690 -81.638

33.304 33.305


F-AREA
SEEPAGE BASINS
ROAD C
FOUR MILE BRANCH
300
300
250
1.4
FSB76C
NS
FSB88C
<5.0
FSB114C
<5.0
FSB111C
NS
FSB89C
<5.0
FSB90C
1.2
FSB107C
8.3
FSB91C
<5.0
FSB123C
3
FSB99C
NS
FSB87C
4
FSB98C
17
FSB97C
27
FSB92C
5
2.6
FSB93C
1.1
FSB120C
<5.0
FSB105C
NS
FSB94C
3.2
FSB95CR
NS
FSB78C
9.3
FSB113C
2.5
FSB106C
<5.0
FSB110C
<5.0
FSB102C
<5.0
FSB121C
1.7
FSB103C
<5.0
FSB79C
<5.0
FSB112C
<5.0
FSB104C
NS
FSB116C
NS
FSB122C
6.2
FSB115C


H-AREA
SEEPAGE BASINS
BG029C
BG030C
BG031C
BG049C
BG050C
BG048C
BG047C
BG046C
BG046B
HSB116C
HSB114C
HSB115C
HSB112C
HSB110C
HSB70C
HSB71C
HSB86C
HSB113C
HSB86B
HSB117C
HSB111C
HSB136C
HSB137C
HSB84B
HSB84C
HSB151C
HSB143C
HSB142C
HSB129C
HSB152C
HSB130C
HSB148C
FSB116C
250
200
JR MILE BRANCH


H-AREA
SEEPAGE BASINS
HSB100C
NA
HSB133C
1.3
HSB101C
<5.0
HSB102C
NA
HSB83C
NA
NS
HSB141CR
HSB83B
HSB132C
NA
NS
HSB125C
HSB103C
<5.0
HSB104C
NA
HSB134C
1.6
SB114C
NS
HSB112C
1.1
HSB110C
1.4
HSB106C
3.8
HSB105C
<5.0
HSB107C
NA
HSB145C
<5.0
HSB108C
NA
HSB146C
1.5
HSB113C
<5.0
HSB109C
NA
HSB139C
<5.0
HSB111C
NA
HSB68C
NS
HSB68B
<5.0
HSB136C
NS
NA
HSB84B
HSB84C
NA
HSB127C
NA
HSB135C
NA
HSB126C
NA
HSB131C
NA
HSB140C
NS
HSB148C
300



N

33.261

33.261

-81.690

-81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

BARNWELL/McBEAN

CONSTITUENT:

LEAD

GWPS = 15 ug/L

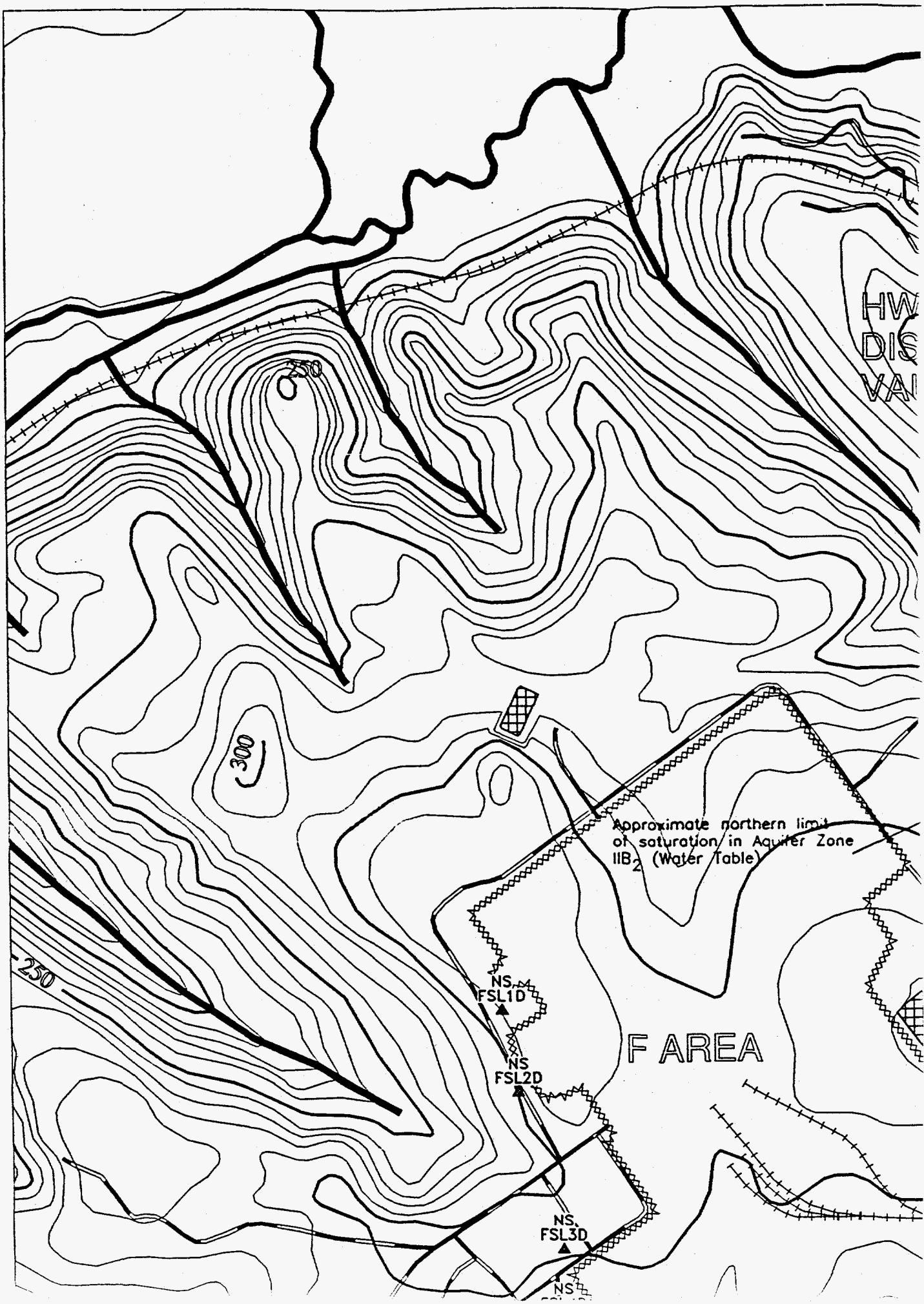
"NS" = Not Sampled

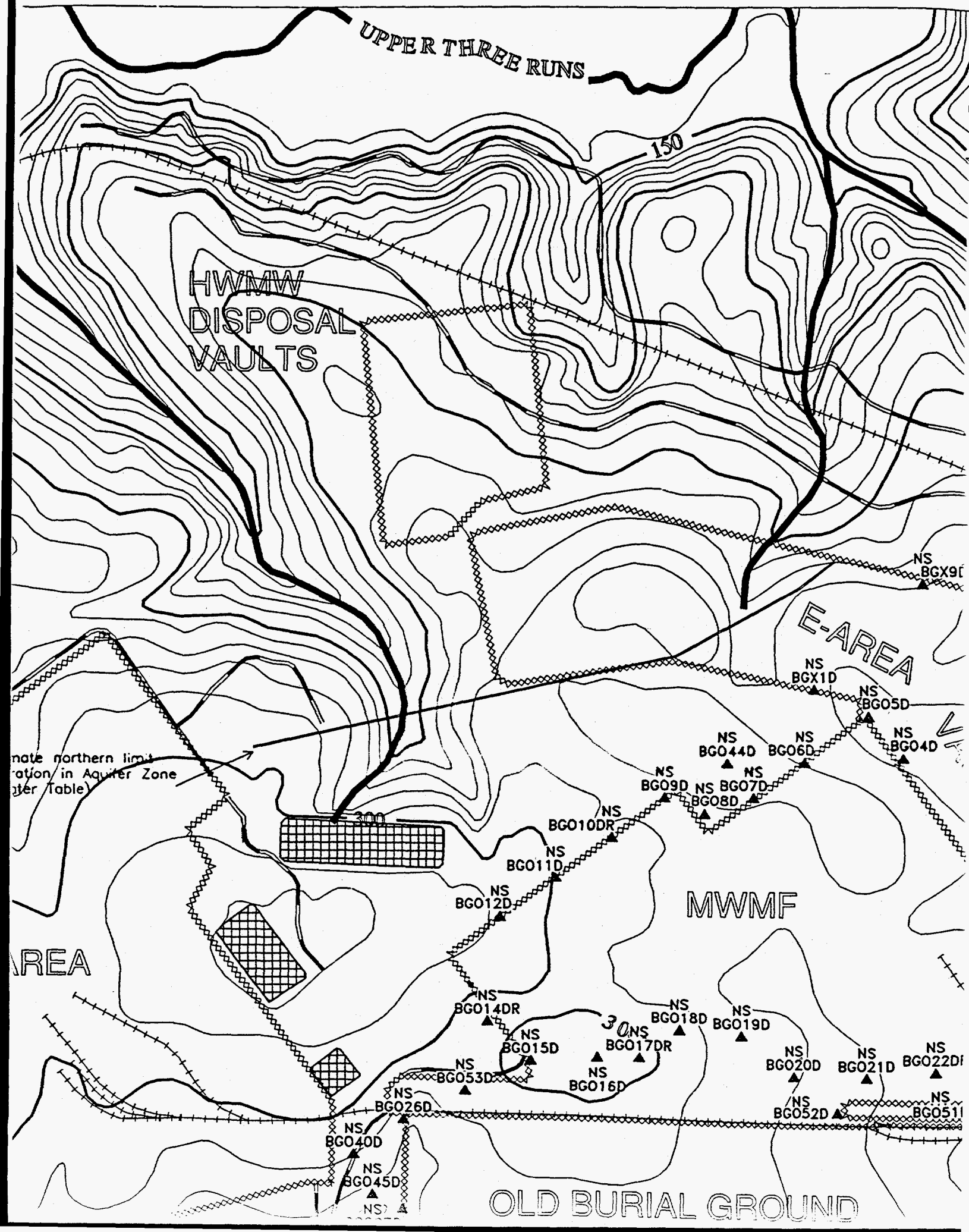
"NA" = Not Analyzed

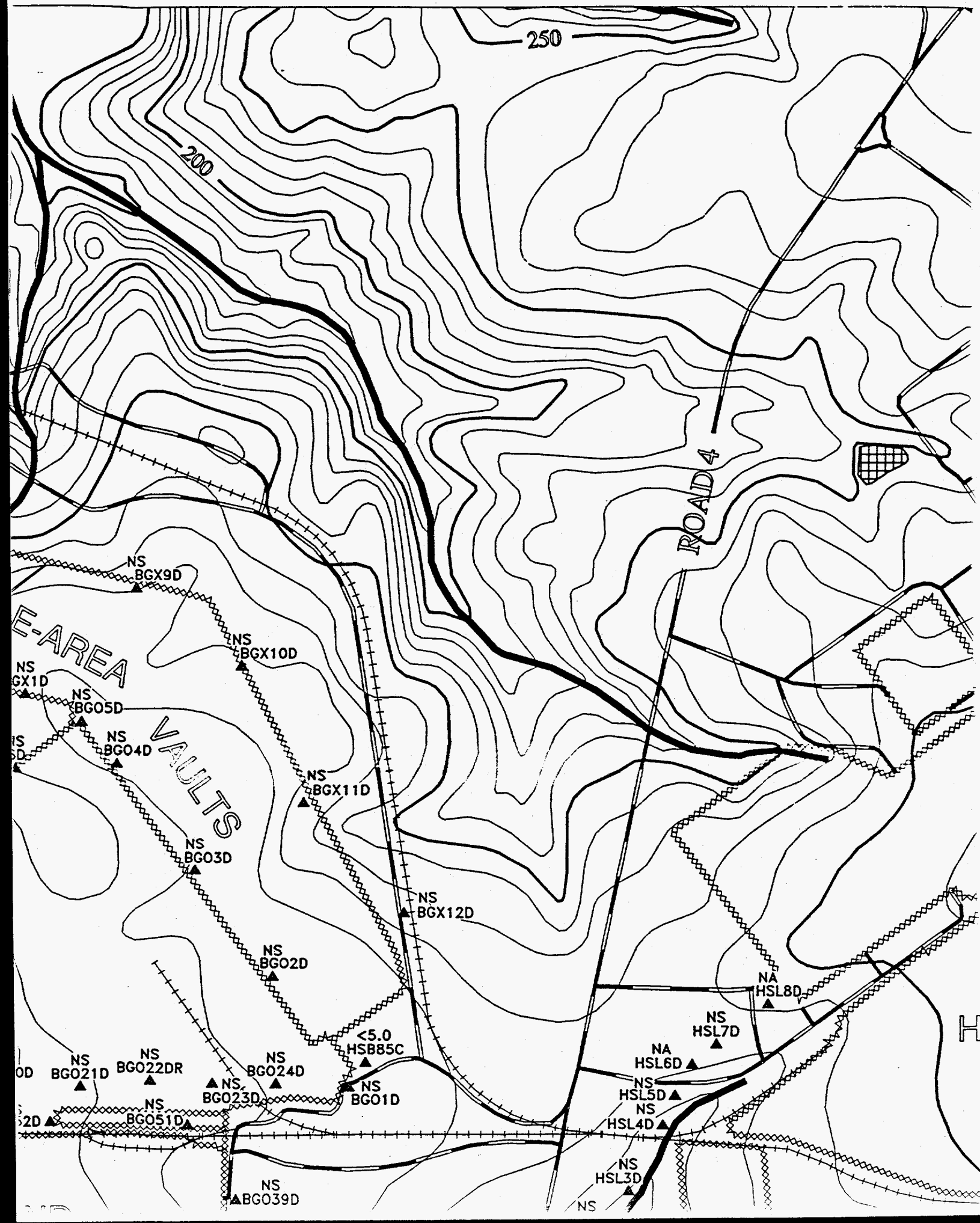
"*" = Wells Not Used to Contour

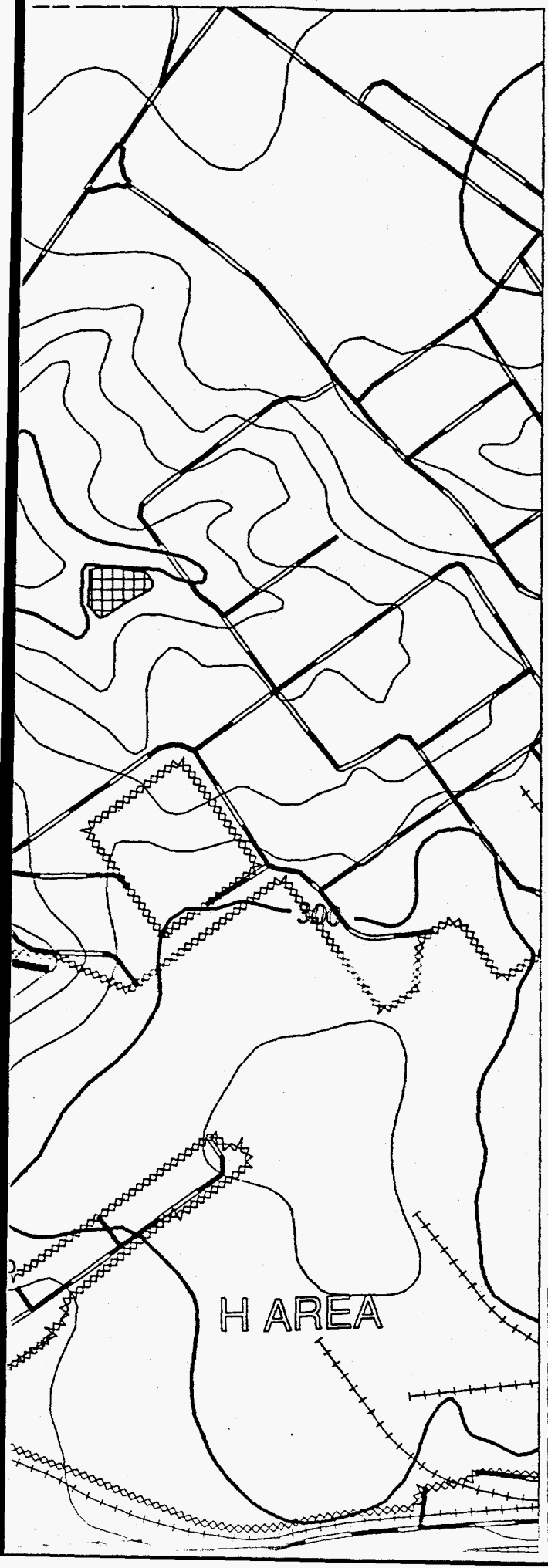
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 15, 30, 60 ug/L


250
300
250
Approximate northern limit of saturation in Aquifer Zone IIB2 (Water Table)
NS FSL1D
NS FSL2D
NS FSL3D
F AREA


UPPER THREE RUNS
150
HWMW
DISPOSAL
VAULTS
E-AREA
NS BGX9D
NS BGX1D
NS BGO5D
NS BGO44D
NS BGO6D
NS BGO4D
NS BGO9D
NS BGO7D
NS BGO8D
NS BGO10DR
NS BGO11D
NS BGO12D
300
MWMF
NS BGO14DR
NS BGO18D
NS BGO19D
NS BGO15D
NS BGO17DR
NS BGO53D
NS BGO16D
NS BGO20D
NS BGO21D
NS BGO22DI
NS BGO26D
NS BGO52D
NS BGO51I
NS BGO40D
NS BGO45D
OLD BURIAL GROUND


250
200
ROAD 4
E-AREA VAULTS
NS BGX9D
NS BGX10D
NS GX1D
NS BGO5D
NS BGO4D
NS BGX11D
NS BGO3D
NS BGX12D
NS BGO2D
NA HSL8D
NS HSL7D
<5.0 HSB85C
NA HSL6D
NS BGO21D
NS BGO22DR
NS BGO24D
NS BGO23D
NS BGO1D
NS HSL5D
NS BGO51D
NS HSL4D
NS HSL3D
NS BGO39D
NS



REFERENCE DOCUMENT

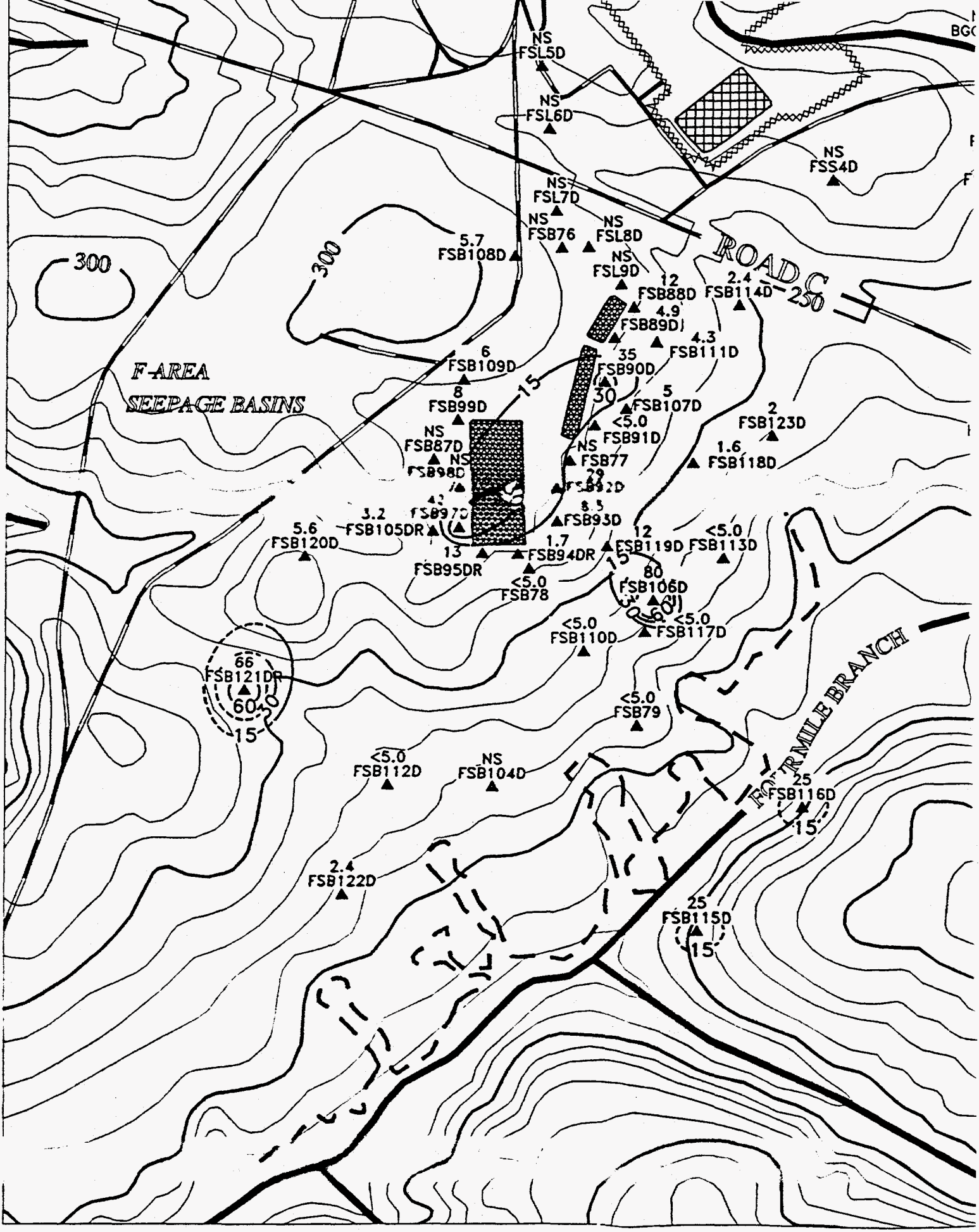
WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

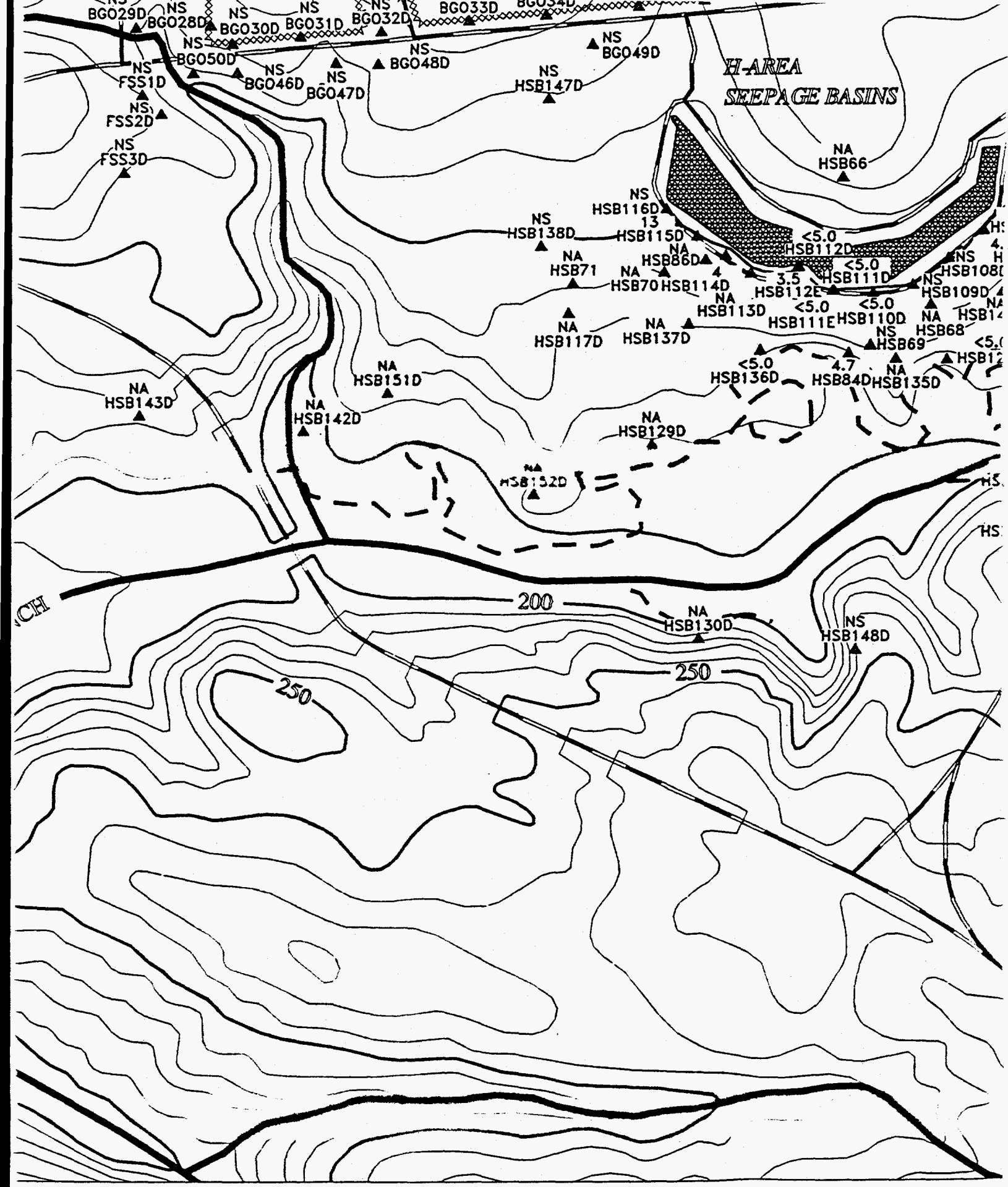
LEGEND

- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

-81.690

81.638


F-AREA
SEEPAGE BASINS
ROAD C
FOURMILE BRANCH
NS FSL5D
NS FSL6D
NS FSS4D
NS FSL7D
NS FSB76
NS FSL8D
NS FSL9D
5.7 FSB108D
12 FSB88D
2.4 FSB114D
4.9 FSB89D
4.3 FSB111D
6 FSB109D
35 FSB90D
8 FSB99D
5 FSB107D
<5.0 FSB91D
2 FSB123D
NS FSB87D
NS FSB98D
NS FSB77
1.6 FSB118D
29 FSB92D
43 FSB97D
8.3 FSB93D
3.2 FSB105DR
5.6 FSB120D
12 FSB119D
<5.0 FSB113D
1.7 FSB94DR
13 FSB95DR
<5.0 FSB78
80 FSB106D
<5.0 FSB110D
<5.0 FSB117D
66 FSB121DR
<5.0 FSB79
<5.0 FSB112D
NS FSB104D
25 FSB116D
2.4 FSB122D
25 FSB115D
300
250
60
30
15


H-AREA
SEEPAGE BASINS
BGO29D
BGO28D
BGO30D
BGO31D
BGO32D
BGO33D
BGO34D
BGO50D
BGO46D
BGO47D
BGO48D
BGO49D
FSS1D
FSS2D
FSS3D
HSB147D
HSB66
HSB116D
HSB138D
HSB115D
HSB112D
HSB86D
HSB71
HSB70
HSB114D
HSB111D
HSB112E
HSB109D
HSB113D
HSB111E
HSB110D
HSB68
HSB69
HSB117D
HSB137D
HSB136D
HSB84D
HSB135D
HSB151D
HSB143D
HSB142D
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250
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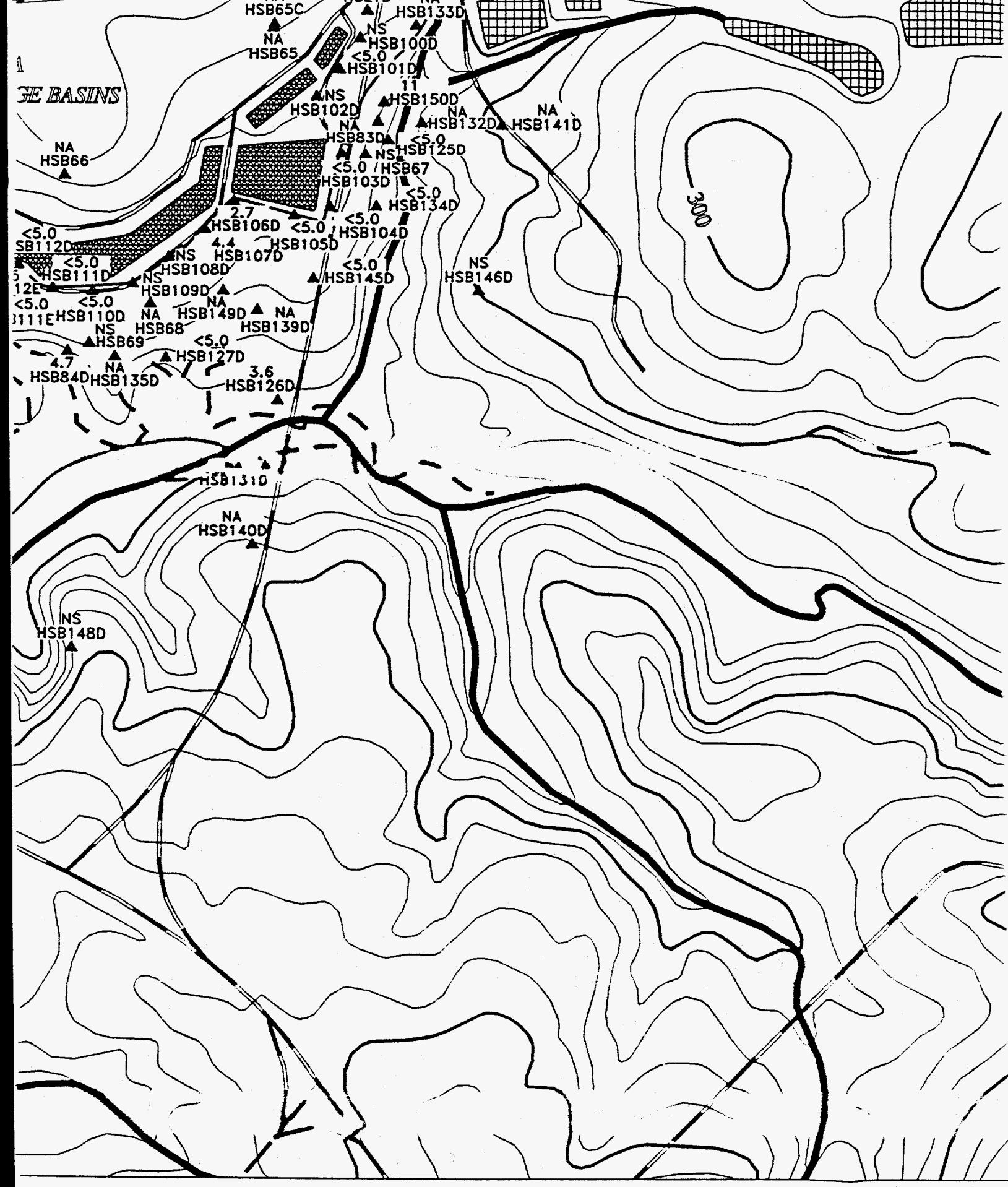
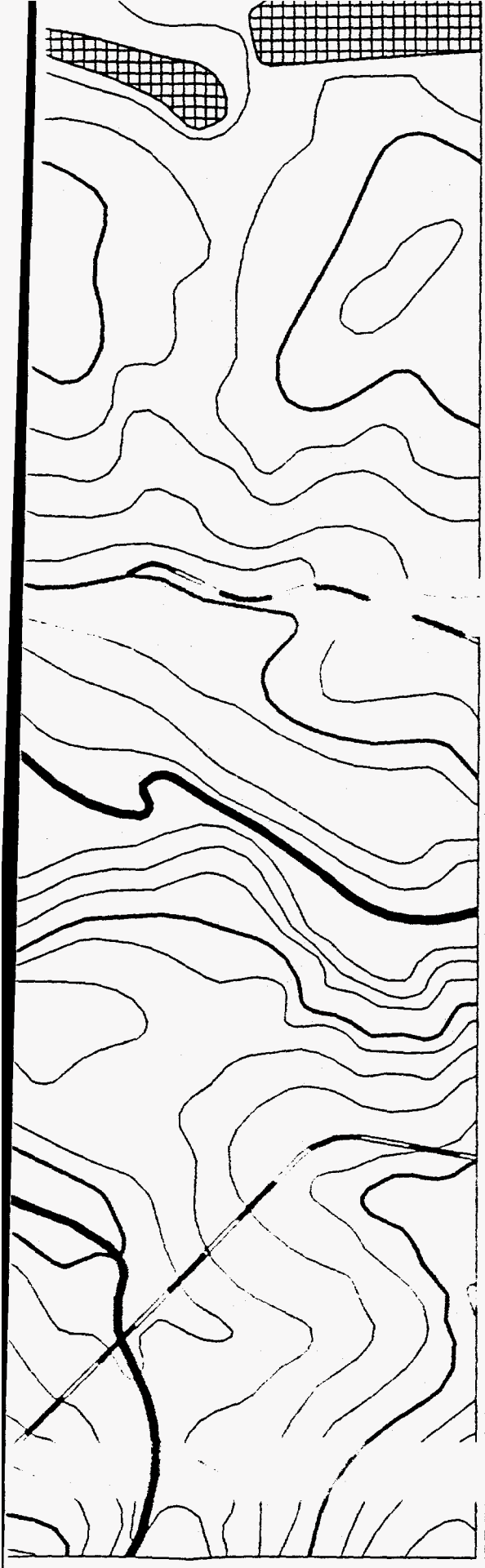
3.5
4
13


GE BASINS
HSB65C
NA
HSB65
HSB133D
NS
HSB100D
<5.0
HSB101D
11
HSB150D
NS
HSB102D
NA
HSB132D
NA
HSB141D
NA
HSB83D
<5.0
HSB125D
NA
HSB66
NS
<5.0
HSB67
HSB103D
<5.0
HSB134D
2.7
HSB106D
<5.0
<5.0
HSB104D
<5.0
SB112D
4.4
HSB105D
NS
HSB107D
<5.0
HSB111D
HSB108D
<5.0
HSB145D
NS
HSB146D
NS
HSB109D
<5.0
<5.0
NA
HSB110D
NA
HSB149D
NA
HSB139D
NS
HSB68
HSB69
<5.0
HSB127D
4.7
NA
HSB84D
HSB135D
3.6
HSB126D
HSB131D
NA
HSB140D
NS
HSB148D
300



LATITUDE-
LONGITUDE

33.261 33.261

-81.690 -81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

WATER TABLE

CONSTITUENT:

LEAD

GWPS = 15 ug/L

"NS" = Not Sampled

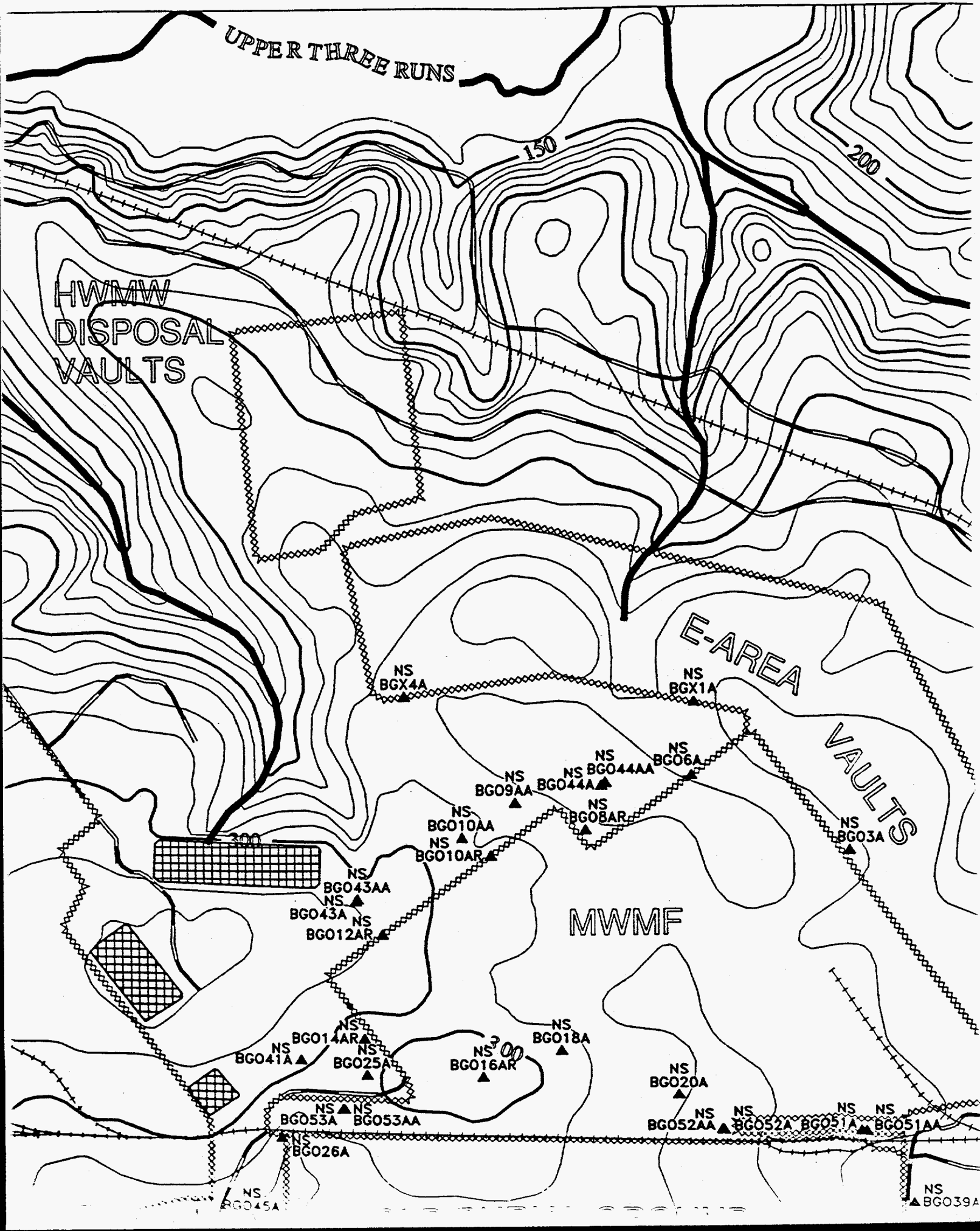
"NA" = Not Analyzed

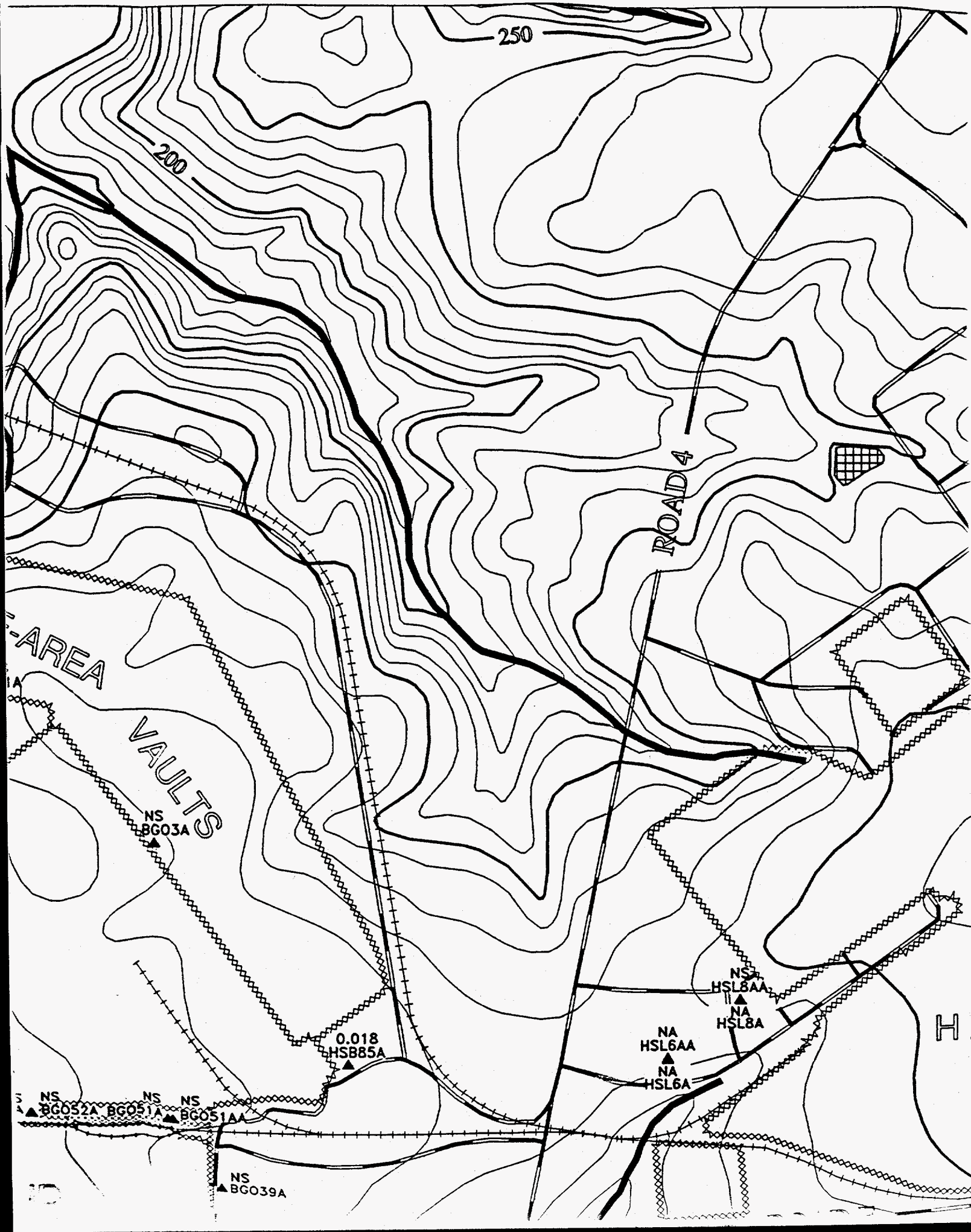
"*" = Wells Not Used to Contour

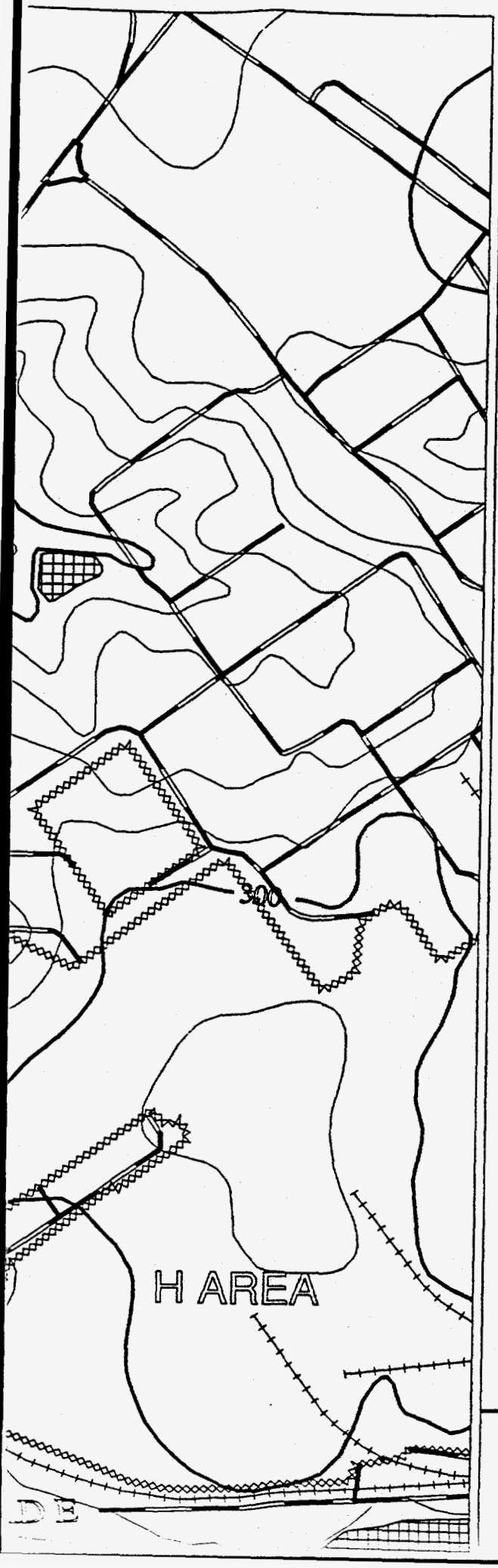
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 15, 30, 60 ug/L

HWMW
DISPOS
VAULTS
250
300
250
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
E-AREA
VAULTS
MWMF
300
300
NS BGX4A
NS BGX1A
NS BG06A
NS BG044AA
NS BG044A
NS BG09AA
NS BG08AR
NS BG010AA
NS BG010AR
NS BG03A
NS BG043AA
NS BG043A
NS BG012AR
NS BG014AR
NS BG041A
NS BG025A
NS BG016AR
NS BG018A
NS BG020A
NS BG053A
NS BG053AA
NS BG052AA
NS BG052A
NS BG051A
NS BG051AA
NS BG026A
NS BG045A
NS BG039A


250
200
ROAD 4
-AREA
VAULTS
NS
BG03A
0.018
HSB85A
NS
HSL8AA
NA
HSL8A
NA
HSL6AA
NA
HSL6A
NS
BG052A
NS
BG051A
NS
BG051AA
NS
BG039A



REFERENCE DOCUMENT

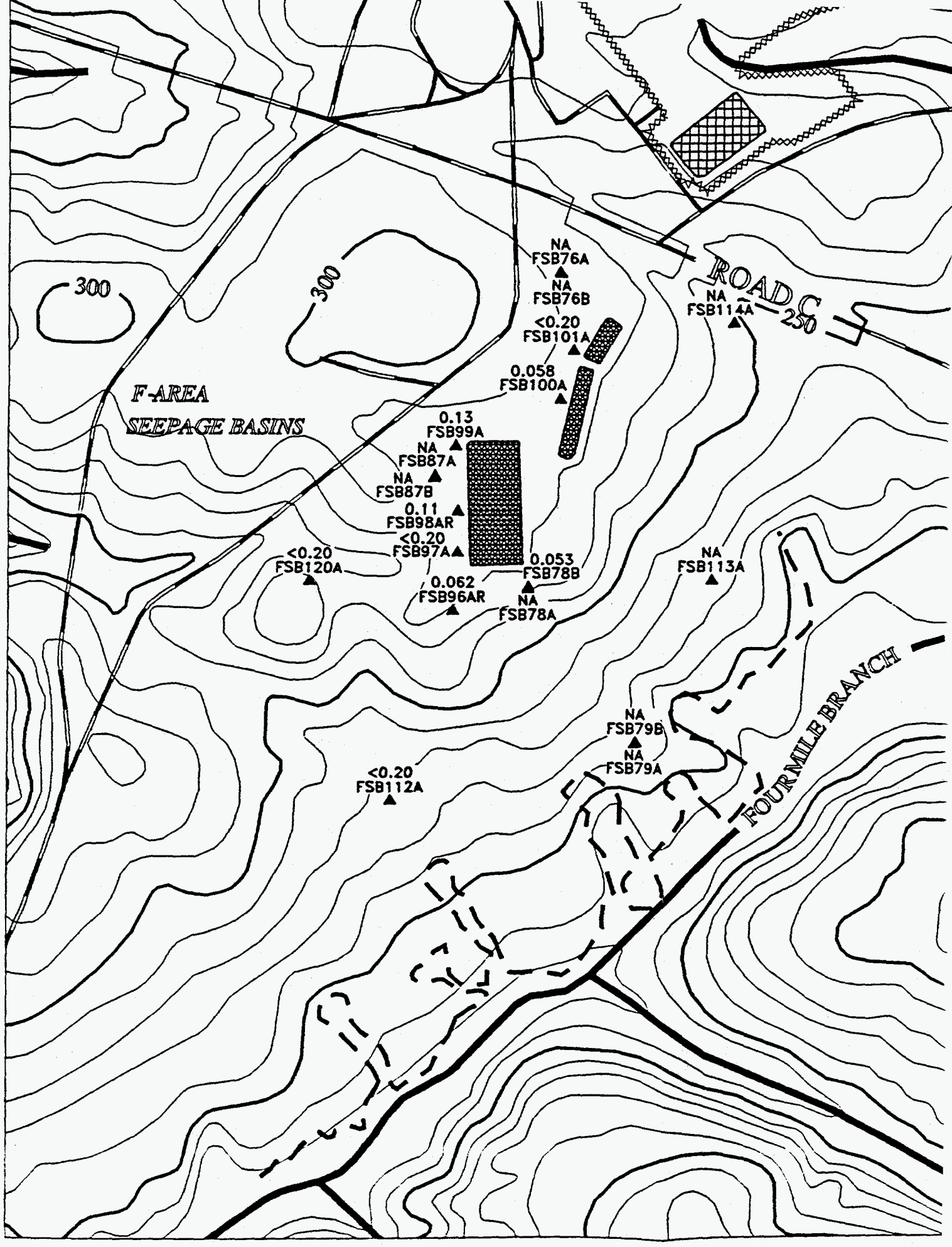
WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

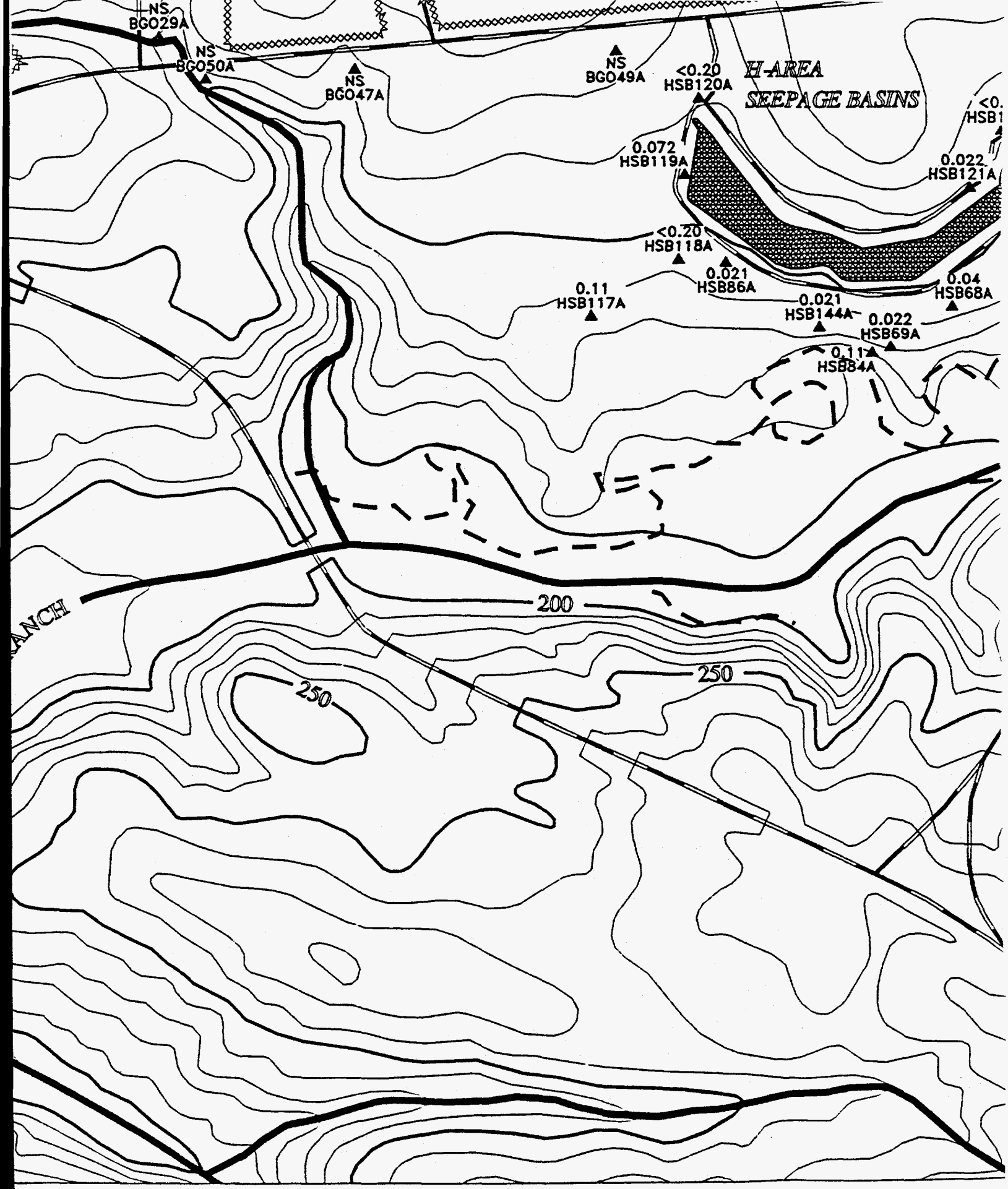
LEGEND

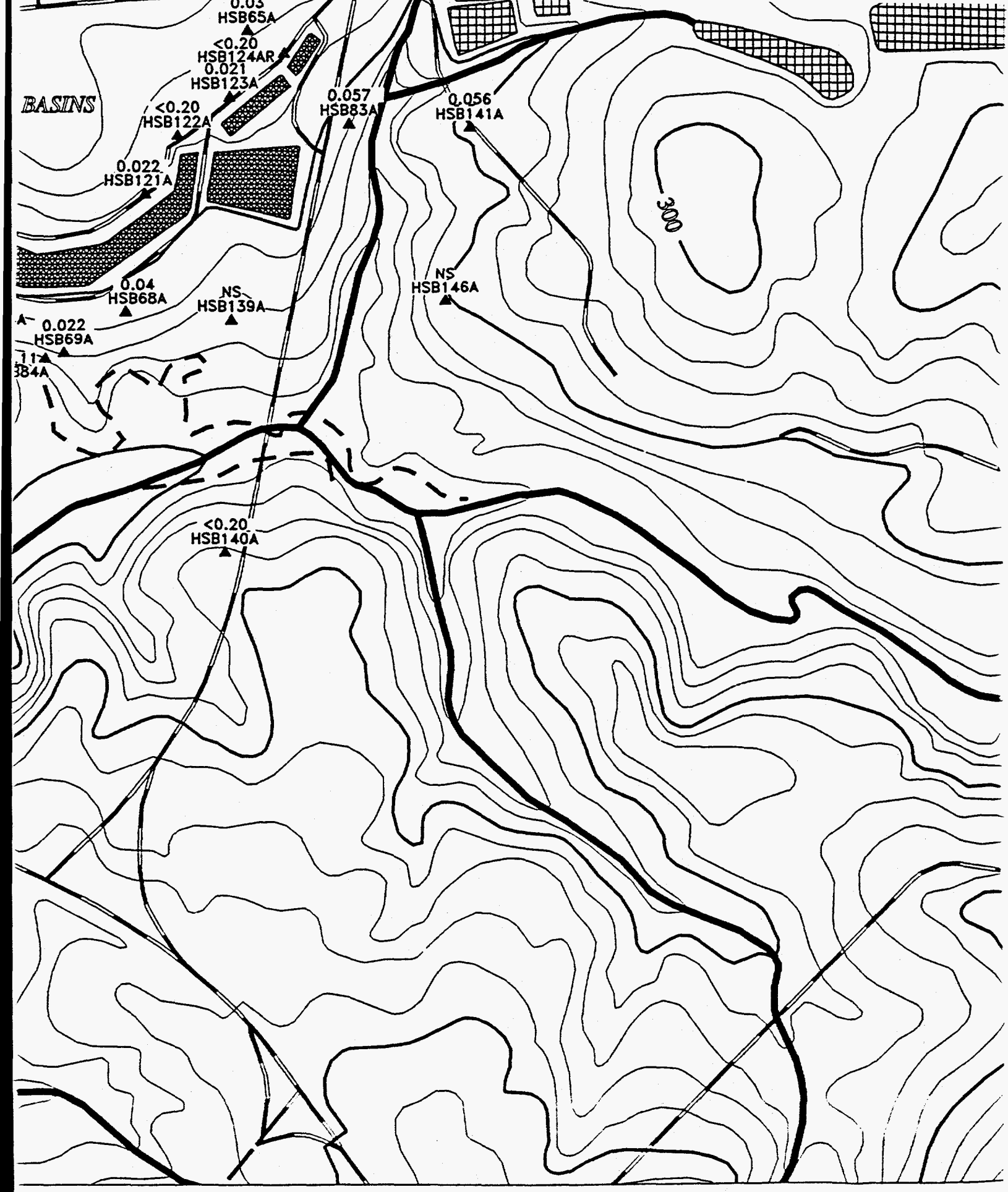
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

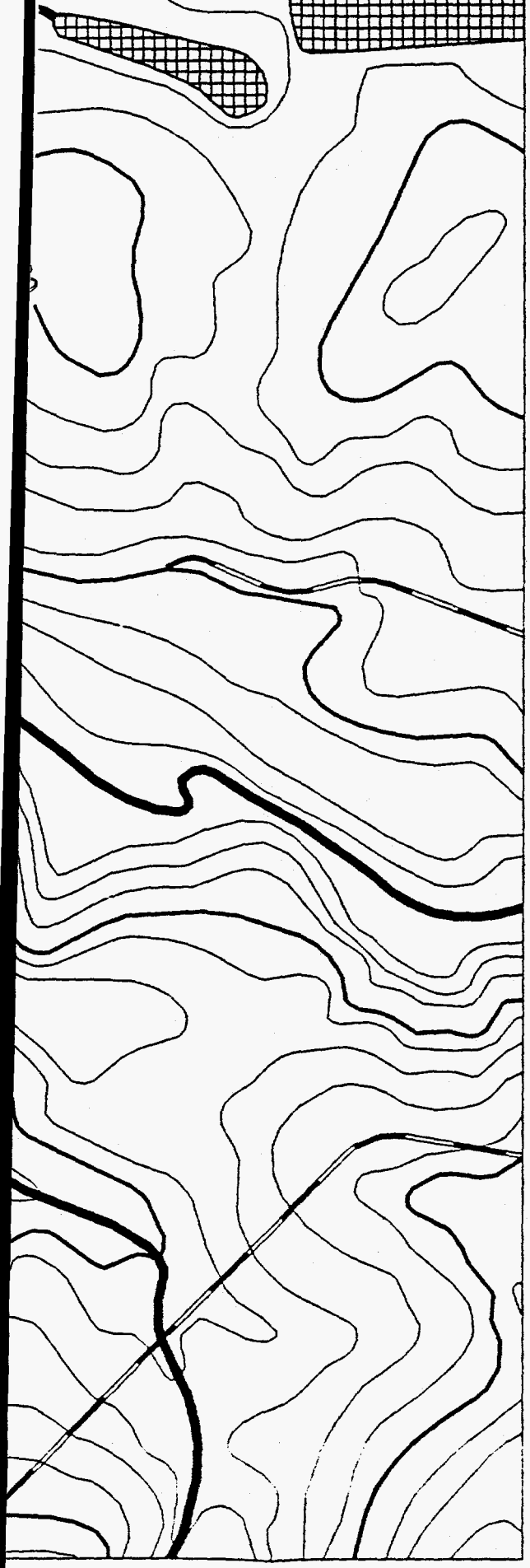
-81.690 -81.638

33.304 33.305


300
300
F-AREA
SEEPAGE BASINS
ROAD C
250
NA
FSB76A
NA
FSB76B
<0.20
FSB101A
0.058
FSB100A
NA
FSB114A
0.13
FSB99A
NA
FSB87A
NA
FSB87B
0.11
FSB98AR
<0.20
FSB97A
<0.20
FSB120A
0.053
FSB78B
0.062
FSB96AR
NA
FSB78A
NA
FSB113A
NA
FSB79B
NA
FSB79A
<0.20
FSB112A
FOUR MILE BRANCH


NS
BGO29A
NS
BGO50A
NS
BGO47A
NS
BGO49A
<0.20
HSB120A
H-AREA
SEEPAGE BASINS
0.072
HSB119A
0.022
HSB121A
<0.20
HSB118A
0.021
HSB86A
0.11
HSB117A
0.021
HSB144A
0.04
HSB68A
0.022
HSB69A
0.11
HSB84A
200
250
250
ANCH


0.03
HSB65A
<0.20
HSB124AR
0.021
HSB123A
BASINS
<0.20
HSB122A
0.057
HSB83A
0.056
HSB141A
0.022
HSB121A
300
NS
HSB146A
0.04
HSB68A
NS
HSB139A
0.022
HSB69A
<0.20
HSB140A



LONGITUDE

33.261 33.261

-81.690 -81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

CONGAREE

CONSTITUENT:

MERCURY

GWPS = 2 ug/L

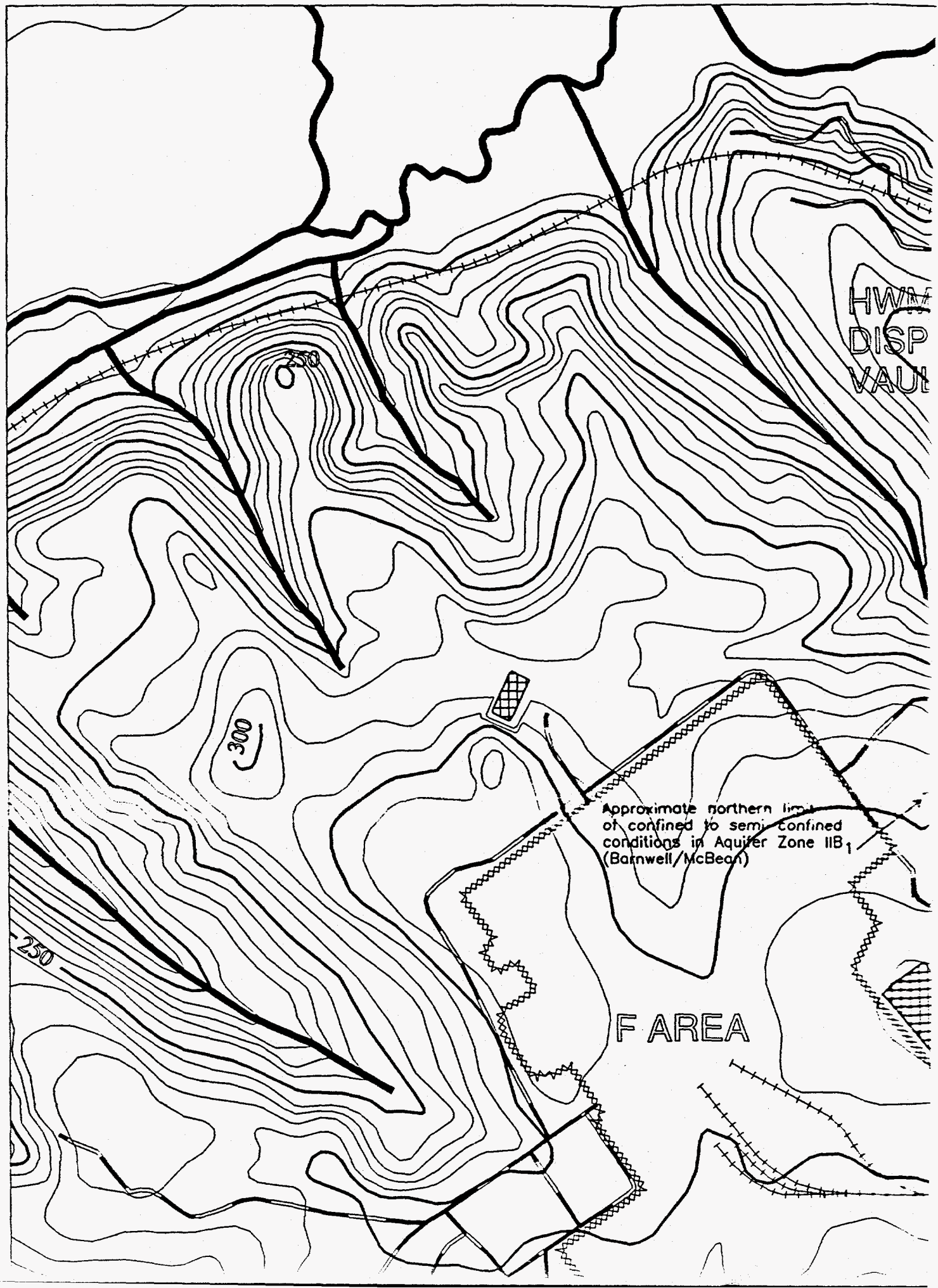
"NS" = Not Sampled

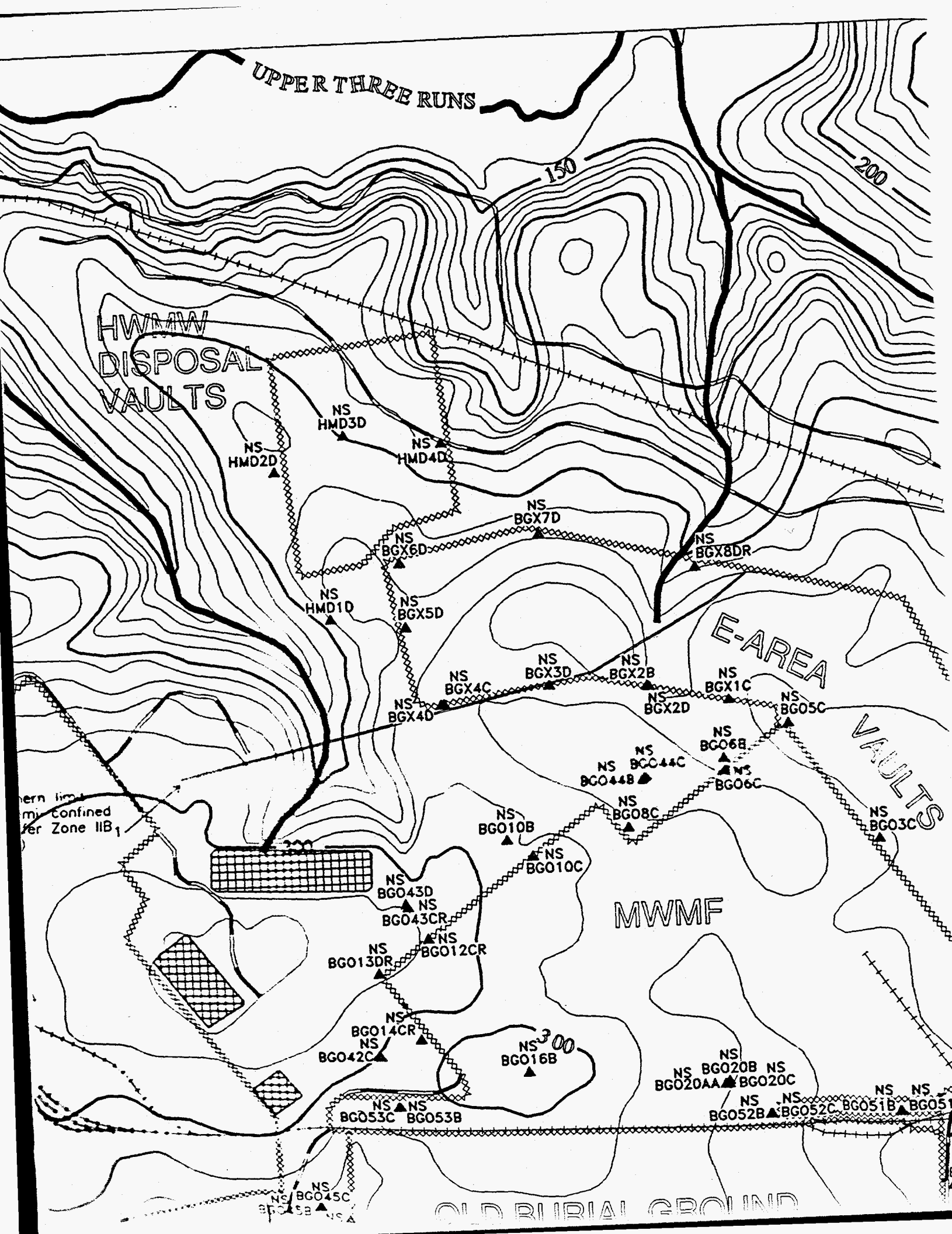
"NA" = Not Analyzed

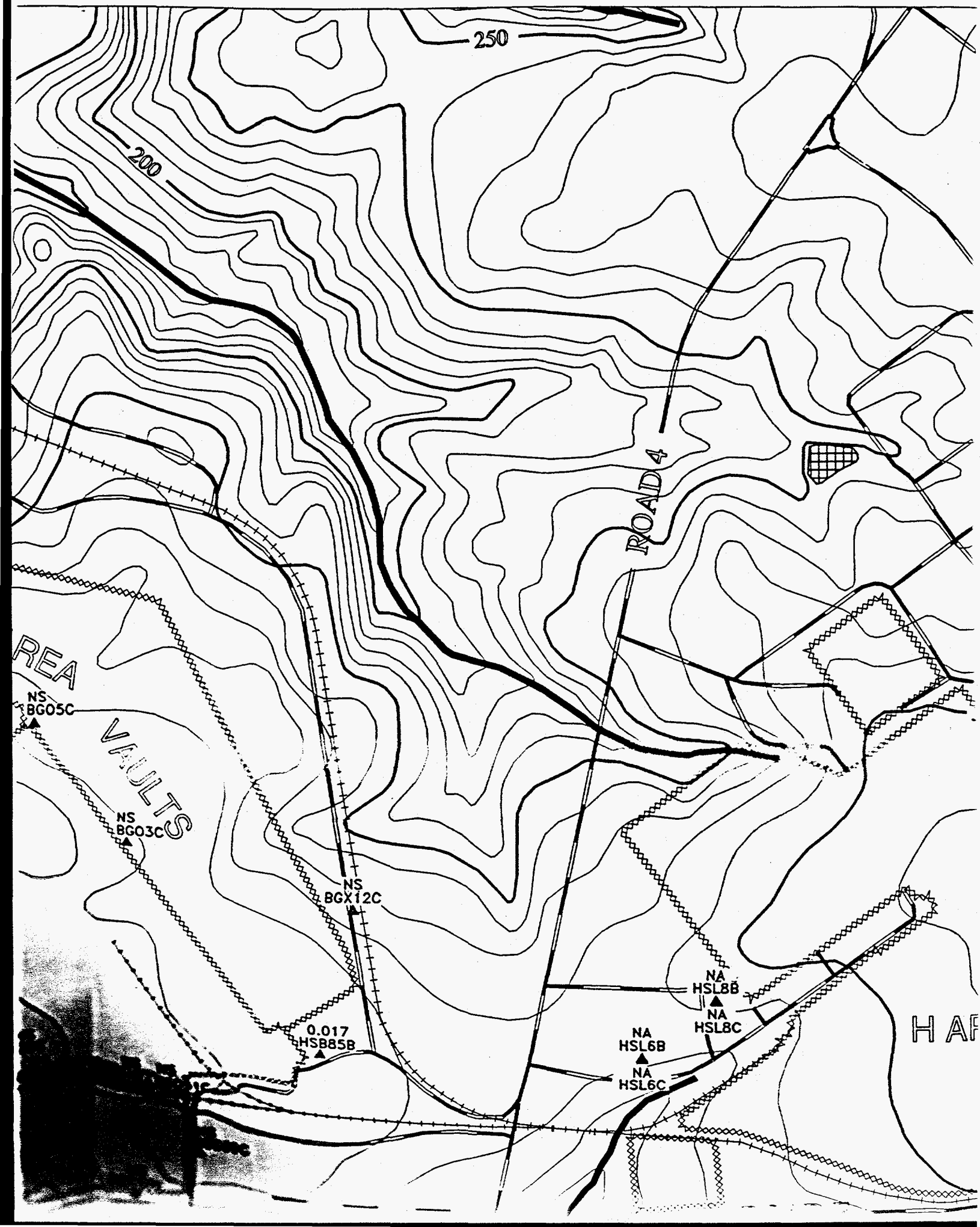
"*" = Wells Not Used to Contour

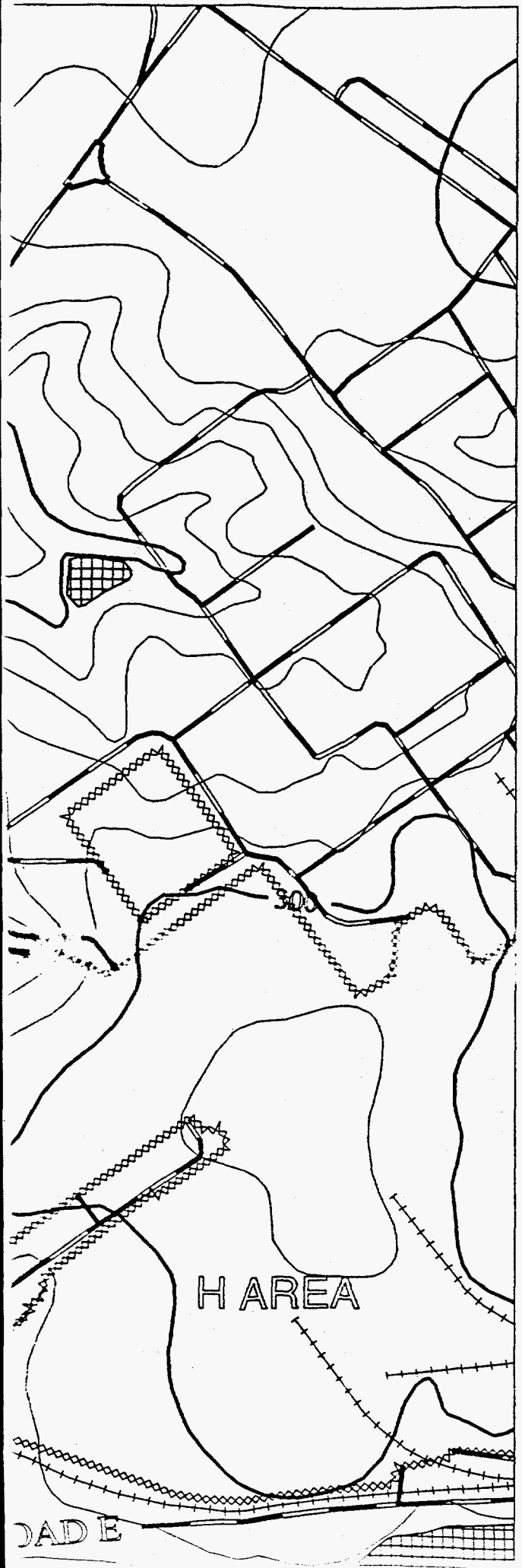
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 2, 4, 8 ug/L


250
300
250
Approximate northern limit of confined to semi-confined conditions in Aquifer Zone IIB1 (Barnwell/McBean)
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
NS HMD3D
NS HMD2D
NS HMD4D
NS BGX7D
NS BGX6D
NS BGX8DR
NS HMD1D
NS BGX5D
E-AREA
VAULTS
NS BGX4C
NS BGX3D
NS BGX2B
NS BGX1C
NS BGX4D
NS BGX2D
NS BGO5C
NS BGO6B
NS BGO44C
NS BGO44B
NS BGO6C
NS BGO8C
NS BGO3C
NS BGO10B
NS BGO10C
MWMF
NS BGO43D
NS BGO43CR
NS BGO12CR
NS BGO13DR
NS BGO14CR
NS BGO42C
NS BGO16B
NS BGO20B
NS BGO20AA
NS BGO20C
NS BGO53C
NS BGO53B
NS BGO52B
NS BGO52C
NS BGO51B
NS BGO51
NS BGO45C
OLD BURIAL GROUND


250
200
ROAD 4
REA
VAULTS
NS
BG05C
NS
BG03C
NS
BGX12C
0.017
HSB85B
NA
HSL8B
NA
HSL8C
NA
HSL6B
NA
HSL6C
H AR

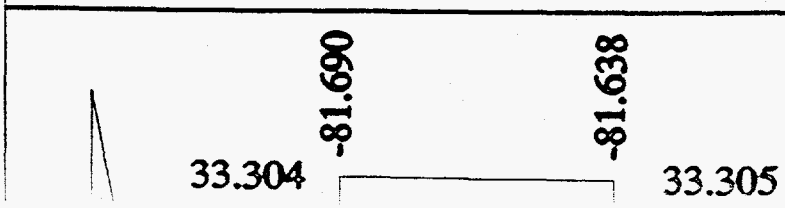


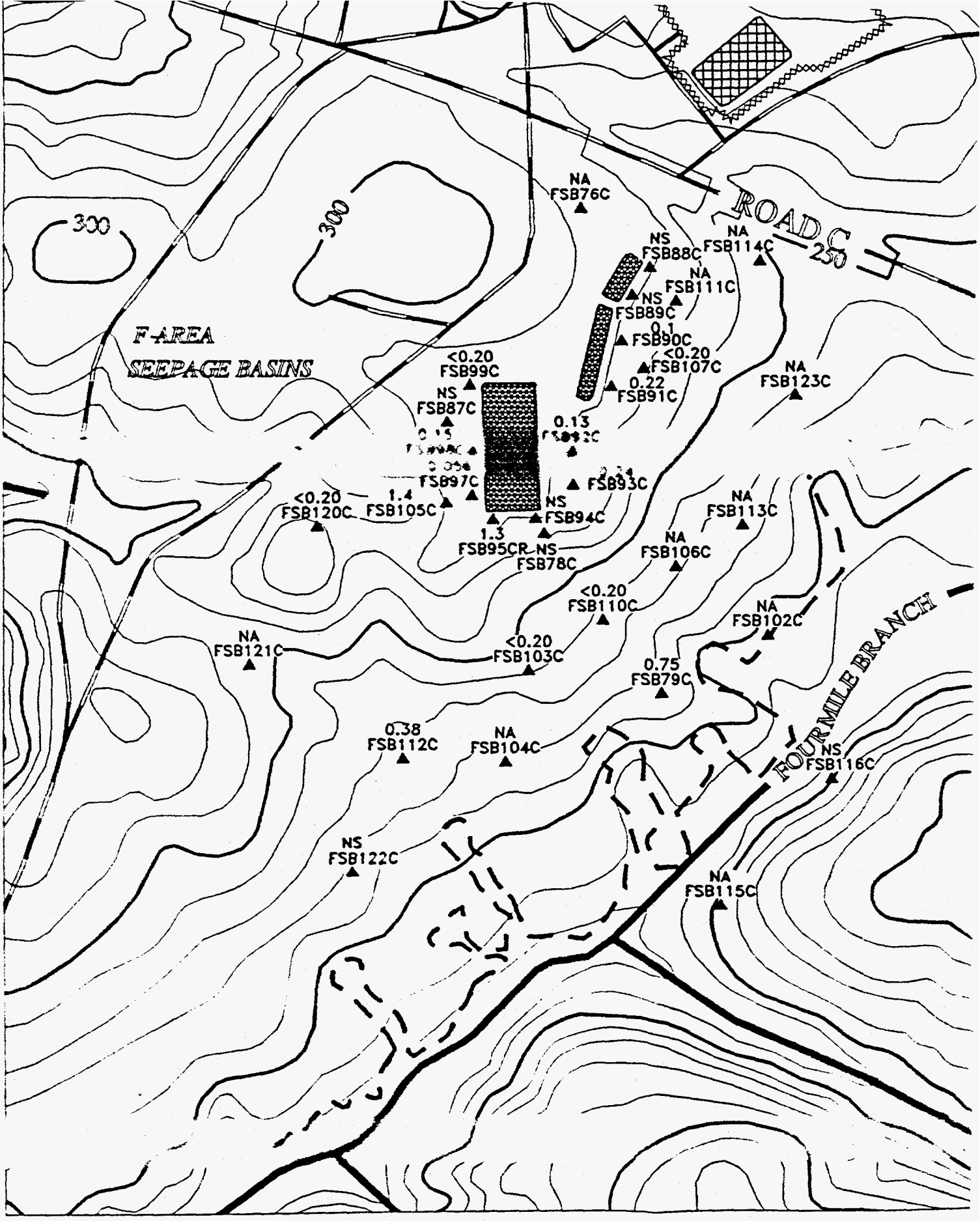
REFERENCE DOCUMENT

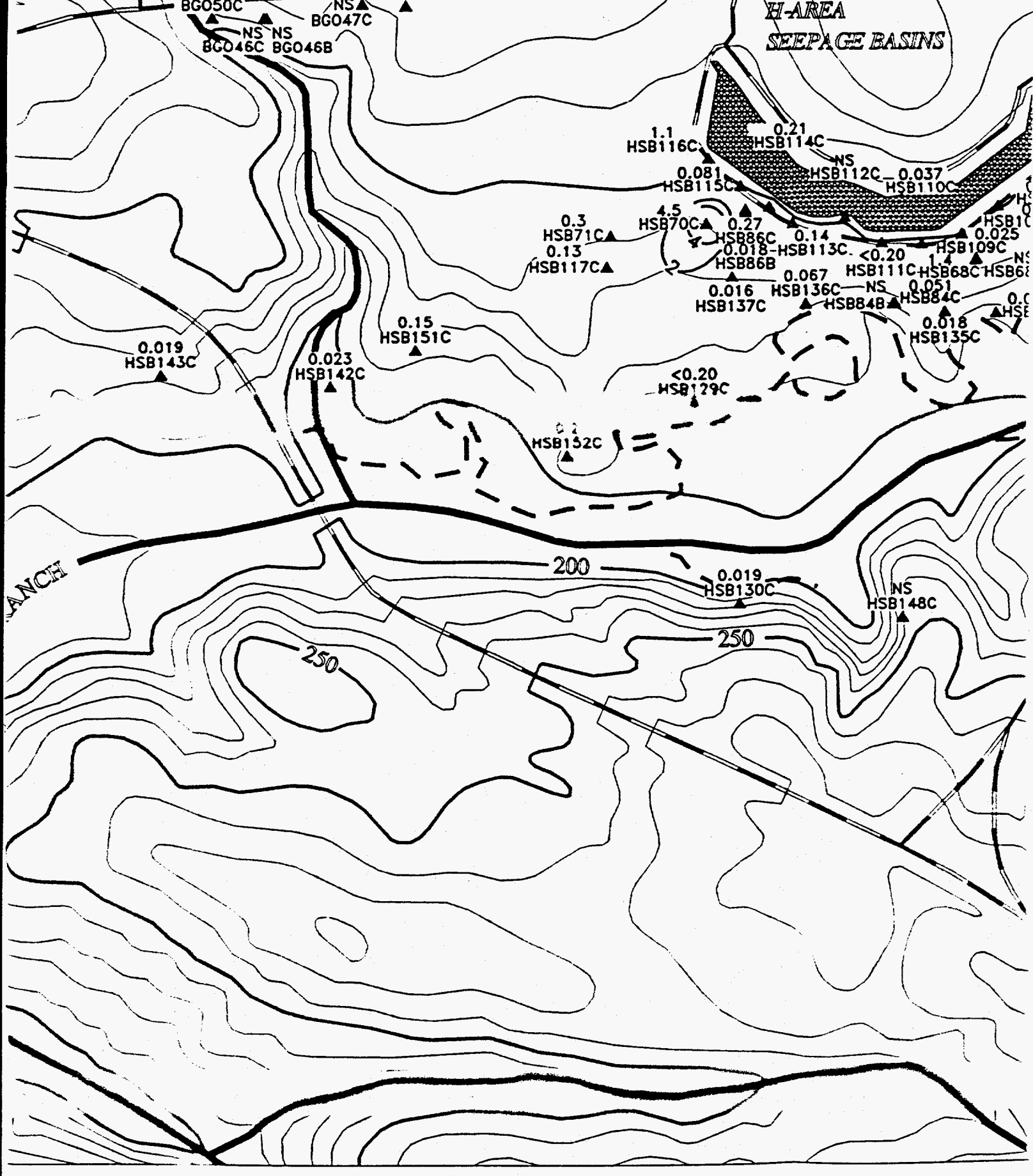
WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

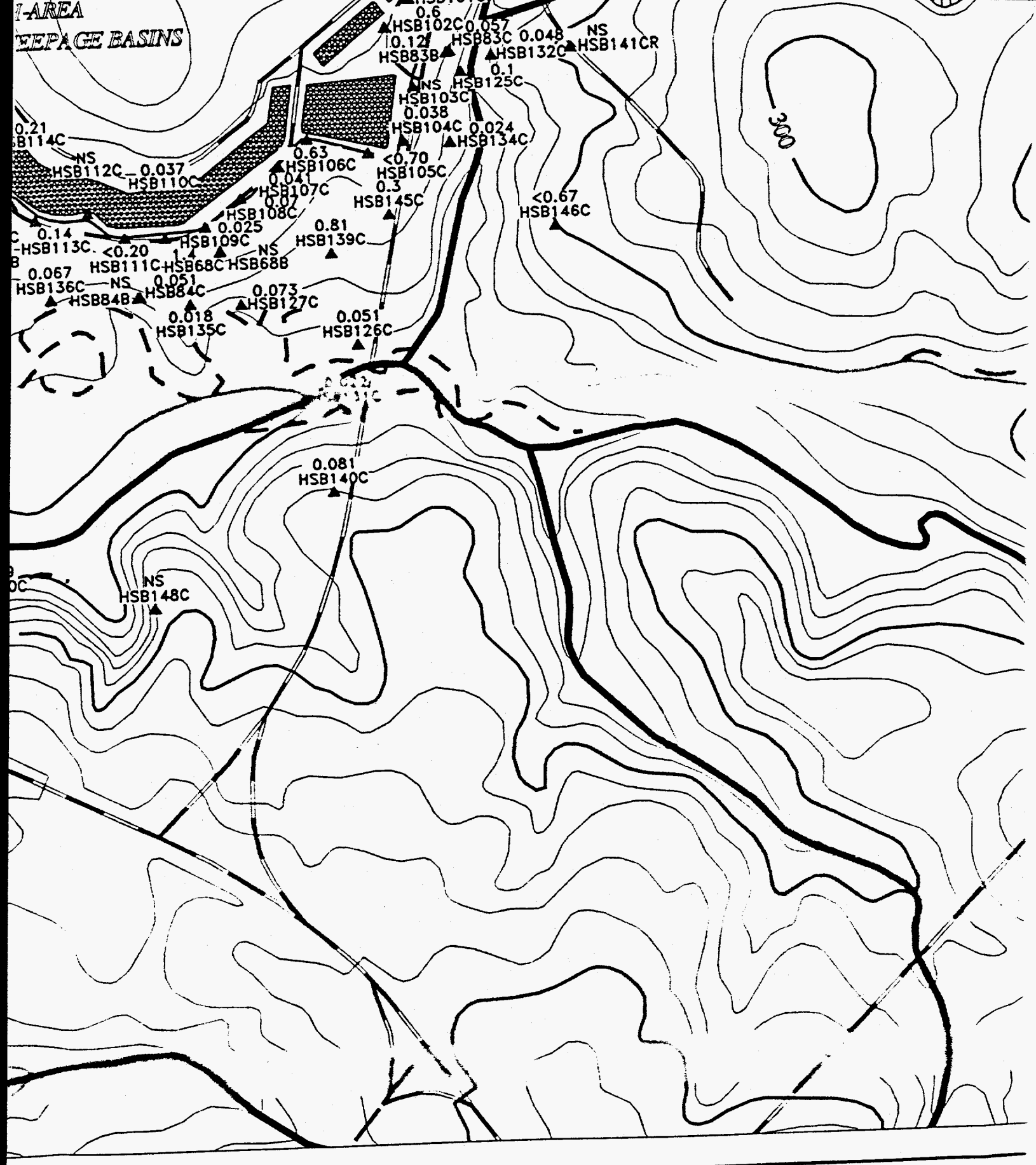
LEGEND

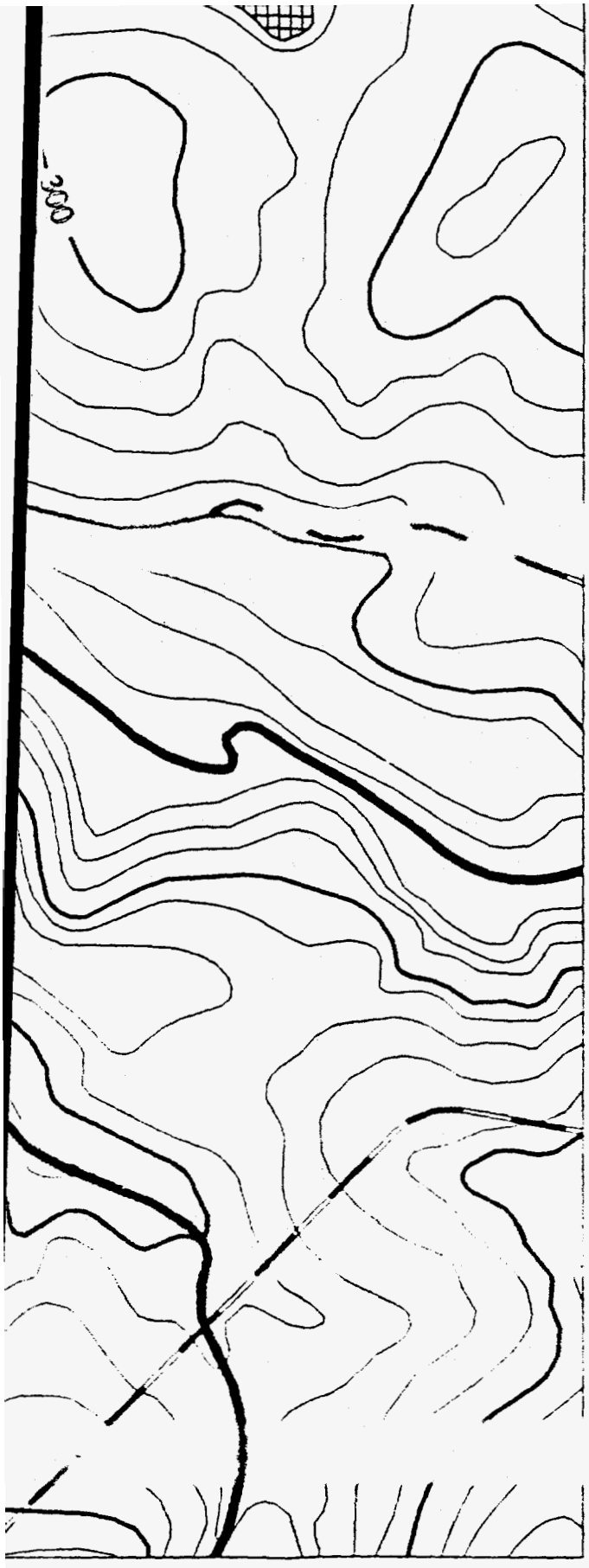
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL




300
300
ROAD C
250
F-AREA
SEEPAGE BASINS
NA
FSB76C
NS
FSB88C
NA
FSB114C
NA
FSB111C
NS
FSB89C
0.1
FSB90C
<0.20
FSB107C
0.22
FSB91C
NA
FSB123C
<0.20
FSB99C
NS
FSB87C
0.13
FSB92C
FSB97C
FSB93C
<0.20
FSB120C
1.4
FSB105C
NS
FSB94C
1.3
FSB95CR
NS
FSB78C
NA
FSB113C
NA
FSB106C
<0.20
FSB110C
NA
FSB102C
NA
FSB121C
<0.20
FSB103C
0.75
FSB79C
FOURMILE BRANCH
0.38
FSB112C
NA
FSB104C
NS
FSB116C
NS
FSB122C
NA
FSB115C


H-AREA
SEEPAGE BASINS
BG050C
NS
BG047C
NS NS
BG046C BG046B
1.1
HSB116C
0.21
HSB114C
NS
HSB112C
0.037
HSB110C
0.081
HSB115C
4.5
HSB70C
0.27
0.3
HSB71C
HSB86C
0.14
0.025
HSB109C
0.13
HSB117C
0.018
HSB113C
<0.20
HSB111C
1.4
HSB68C
HSB86B
0.067
0.016
HSB137C
HSB136C
NS
0.051
HSB84C
HSB84B
0.018
HSB135C
0.15
HSB151C
0.019
HSB143C
0.023
HSB142C
<0.20
HSB129C
HSB152C
200
0.019
HSB130C
NS
HSB148C
250
250
ANCH


I-AREA
EEPAGE BASINS
0.6
HSB102C
0.057
HSB83C
0.048
NS
HSB141CR
0.12
HSB83B
HSB132C
0.1
NS
HSB125C
HSB103C
0.038
HSB104C
0.024
HSB134C
300
0.21
B114C
NS
HSB112C
0.037
HSB110C
0.63
HSB106C
<0.70
HSB105C
0.041
HSB107C
0.3
HSB145C
<0.67
HSB146C
0.07
HSB108C
0.14
0.025
HSB109C
0.81
HSB139C
-HSB113C
<0.20
HSB111C
1.4
HSB68C
NS
HSB68B
0.067
HSB136C
NS
0.051
HSB84C
0.073
HSB127C
HSB84B
0.018
HSB135C
0.051
HSB126C
0.081
HSB140C
NS
HSB148C



33.261 33.261

-81.690 -81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

BARNWELL/McBEAN

CONSTITUENT:

MERCURY

GWPS = 2 ug/L

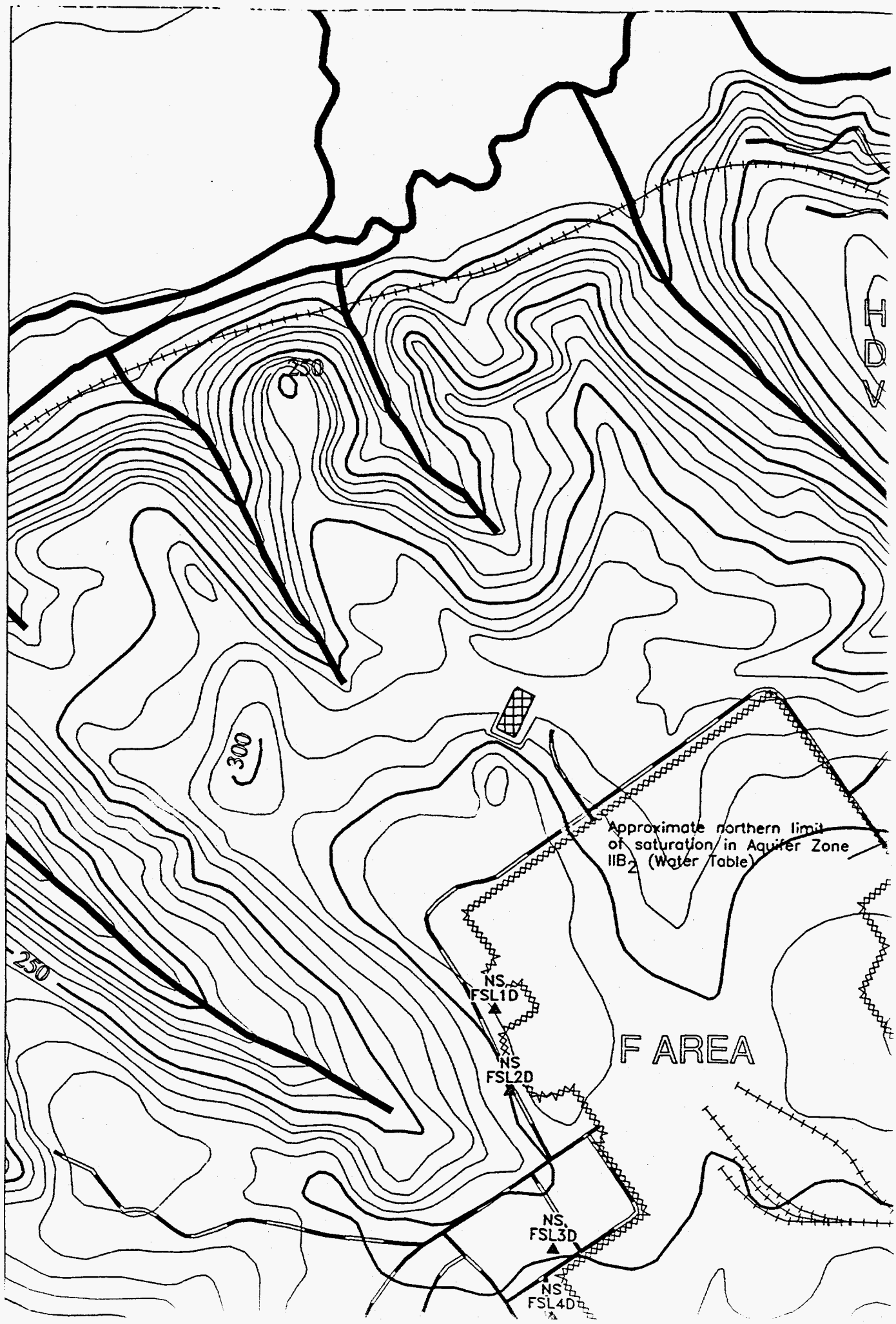
"NS" = Not Sampled

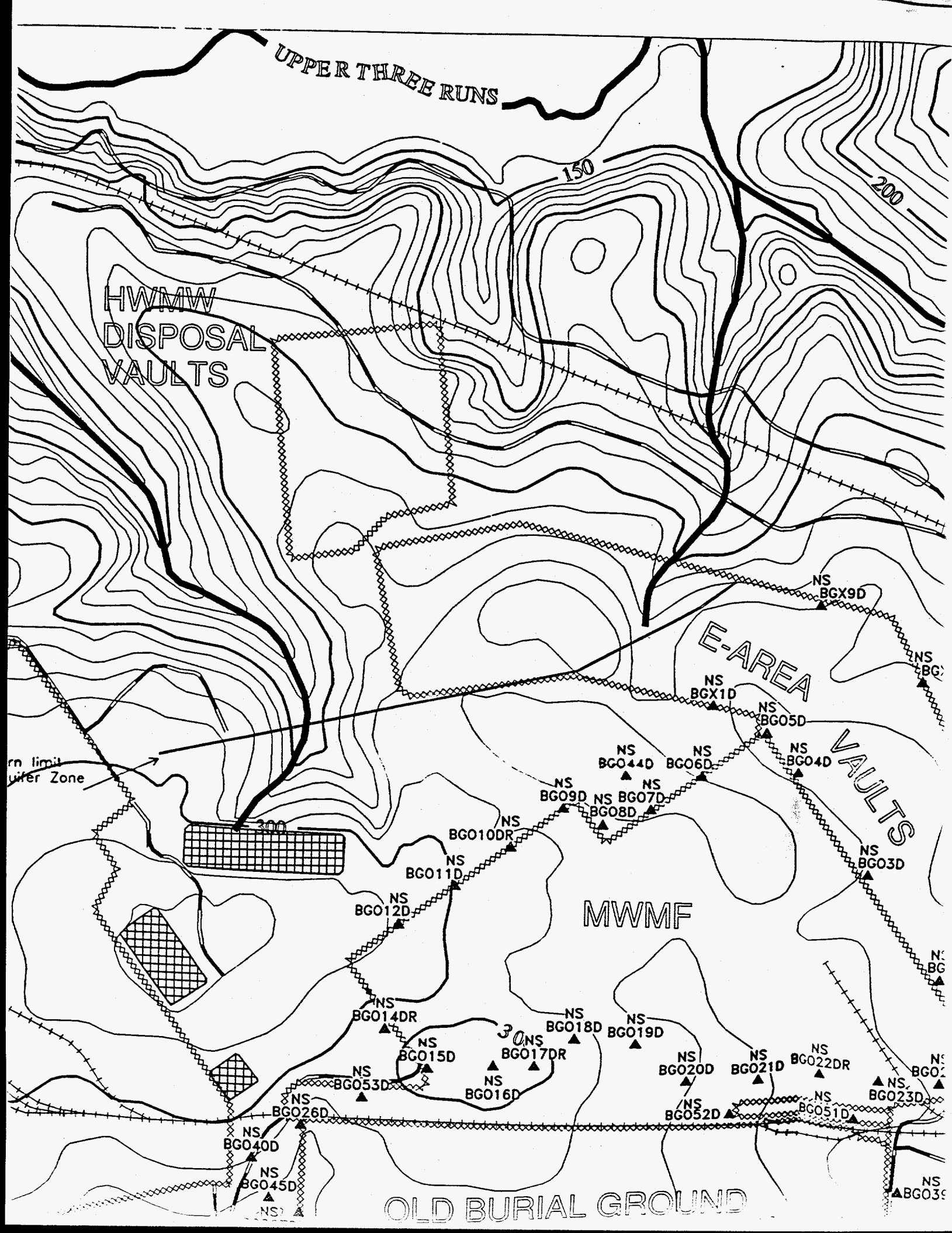
"NA" = Not Analyzed

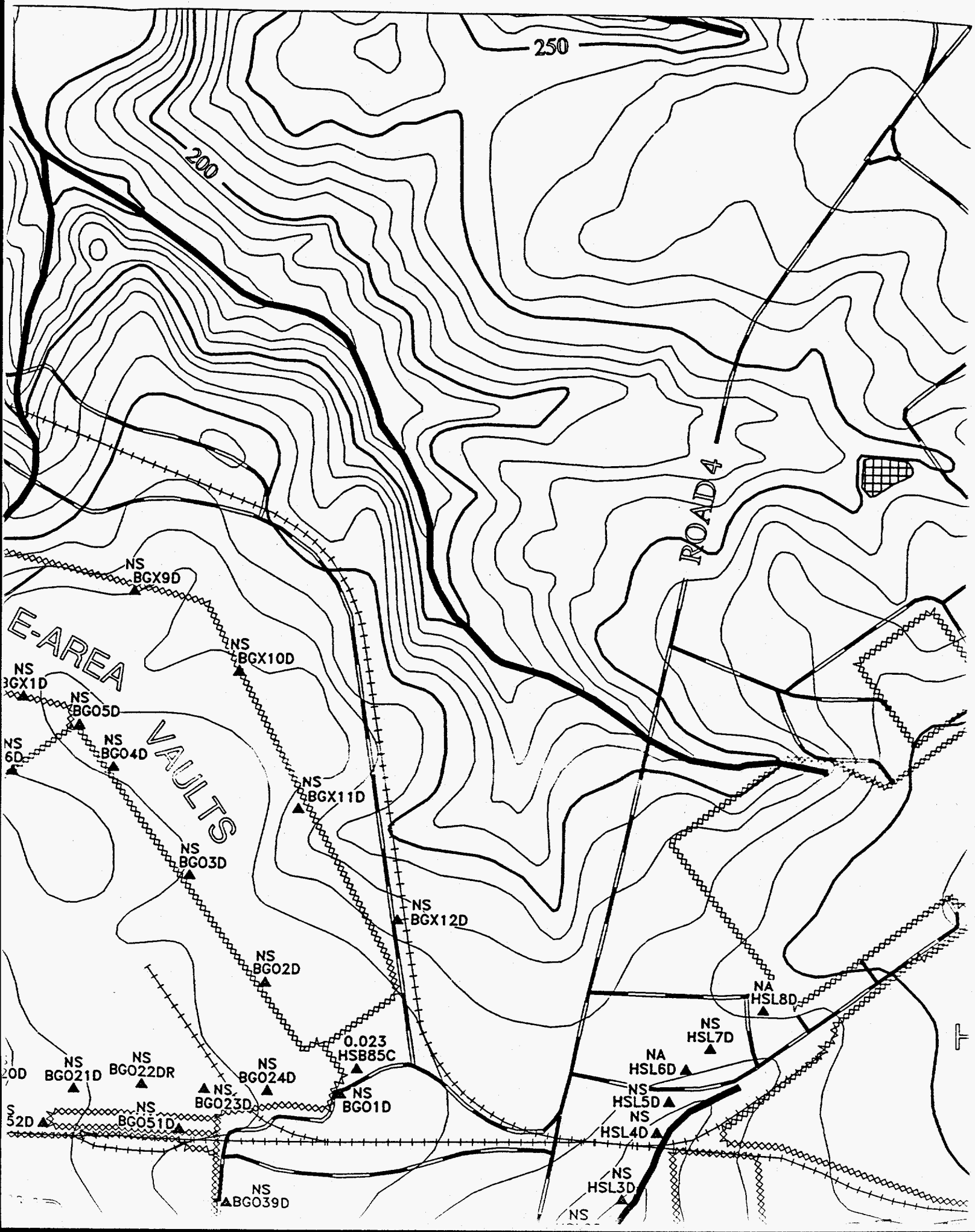
"*" = Wells Not Used to Contour

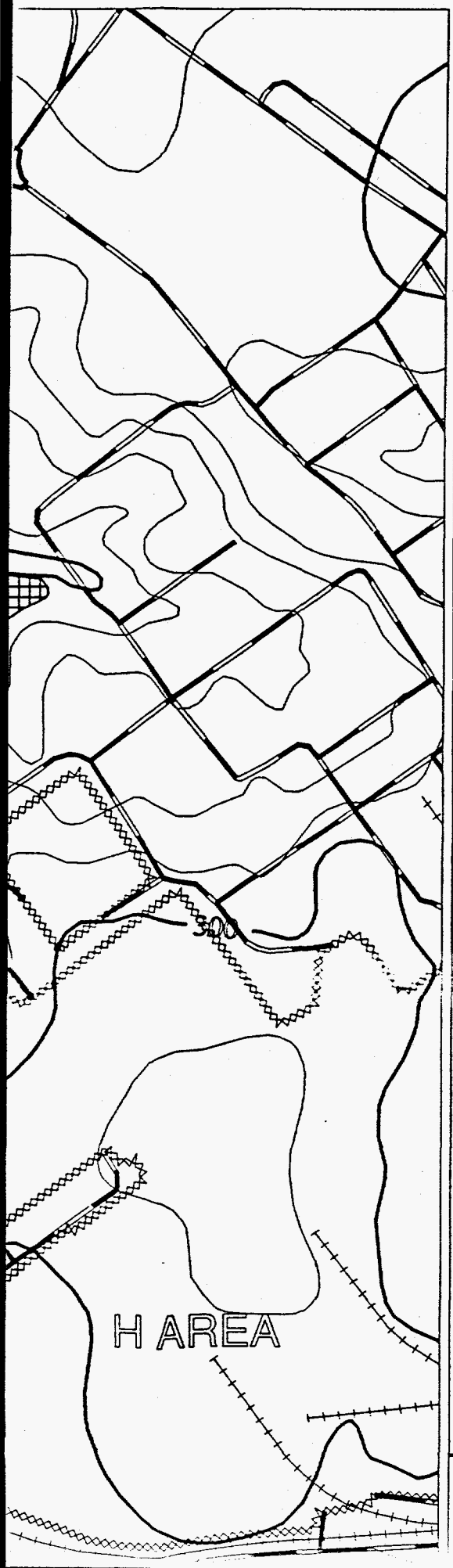
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 2, 4, 8 ug/L


250
300
250
Approximate northern limit of saturation in Aquifer Zone IIB (Water Table)
NS FSL1D
NS FSL2D
NS FSL3D
NS FSL4D
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
NS BGX9D
E-AREA
VAULTS
NS BGX1D
NS BGO5D
NS BGO44D
NS BGO6D
NS BGO4D
NS BGO9D
NS BGO7D
NS BGO8D
NS BGO10DR
NS BGO11D
NS BGO12D
NS BGO3D
MWMF
NS BGO14DR
NS BGO18D
NS BGO19D
NS BGO15D
NS BGO17DR
NS BGO20D
NS BGO21D
NS BGO22DR
NS BGO53D
NS BGO16D
NS BGO23D
NS BGO26D
NS BGO52D
NS BGO51D
NS BGO40D
NS BGO45D
OLD BURIAL GROUND
NS BGO3
300
30


250
200
ROAD 4
E-AREA VAULTS
NS BGX9D
NS BGX10D
NS BGX1D
NS BGO5D
NS BGO4D
NS 6D
NS BGX11D
NS BGO3D
NS BGX12D
NS BGO2D
NA HSL8D
NS HSL7D
0.023 HSB85C
NA HSL6D
NS BGO21D
NS BGO22DR
NS BGO24D
NS BGO23D
NS BGO1D
NS HSL5D
NS 52D
NS BGO51D
NS HSL4D
NS HSL3D
NS BGO39D
NS



REFERENCE DOCUMENT

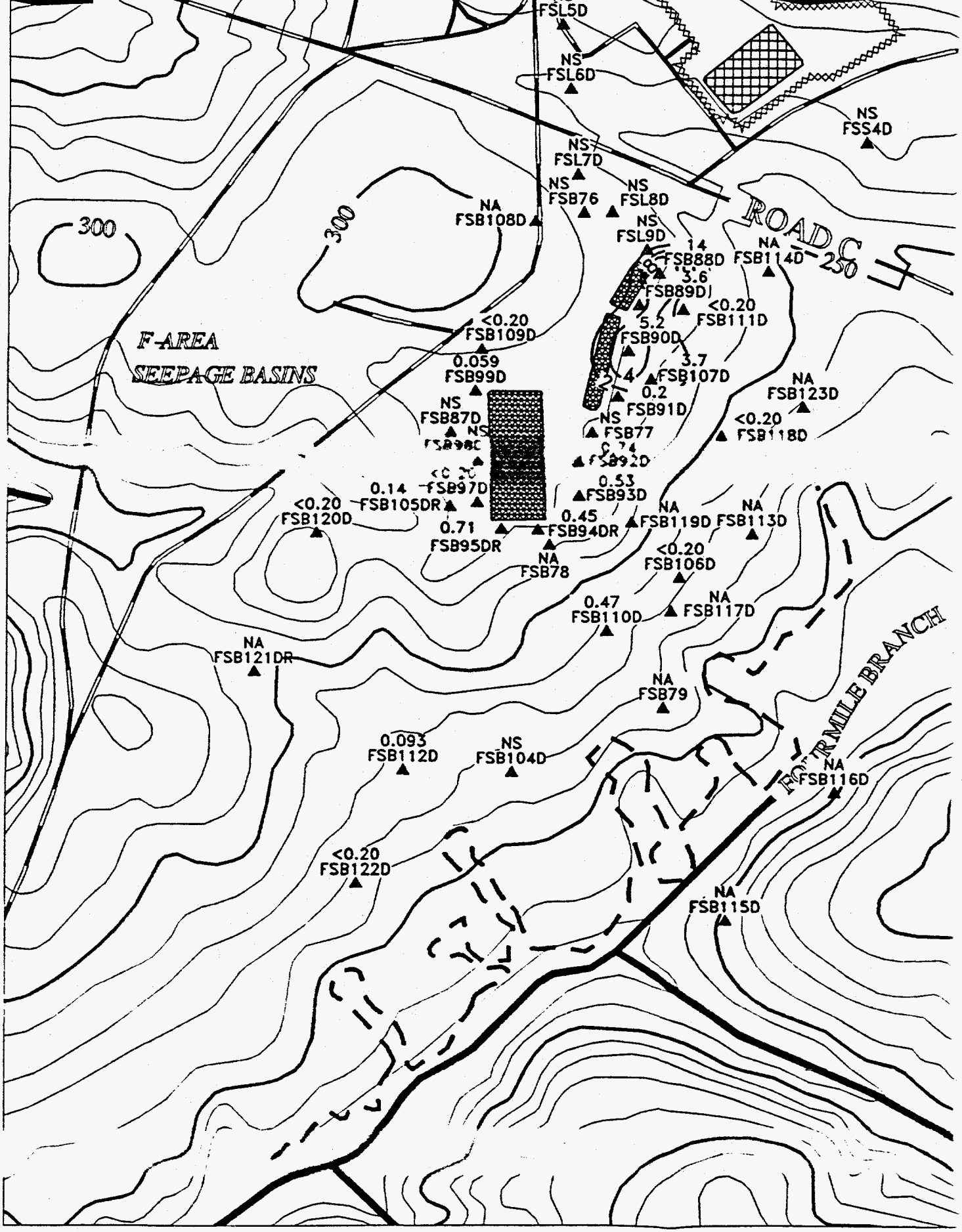
WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

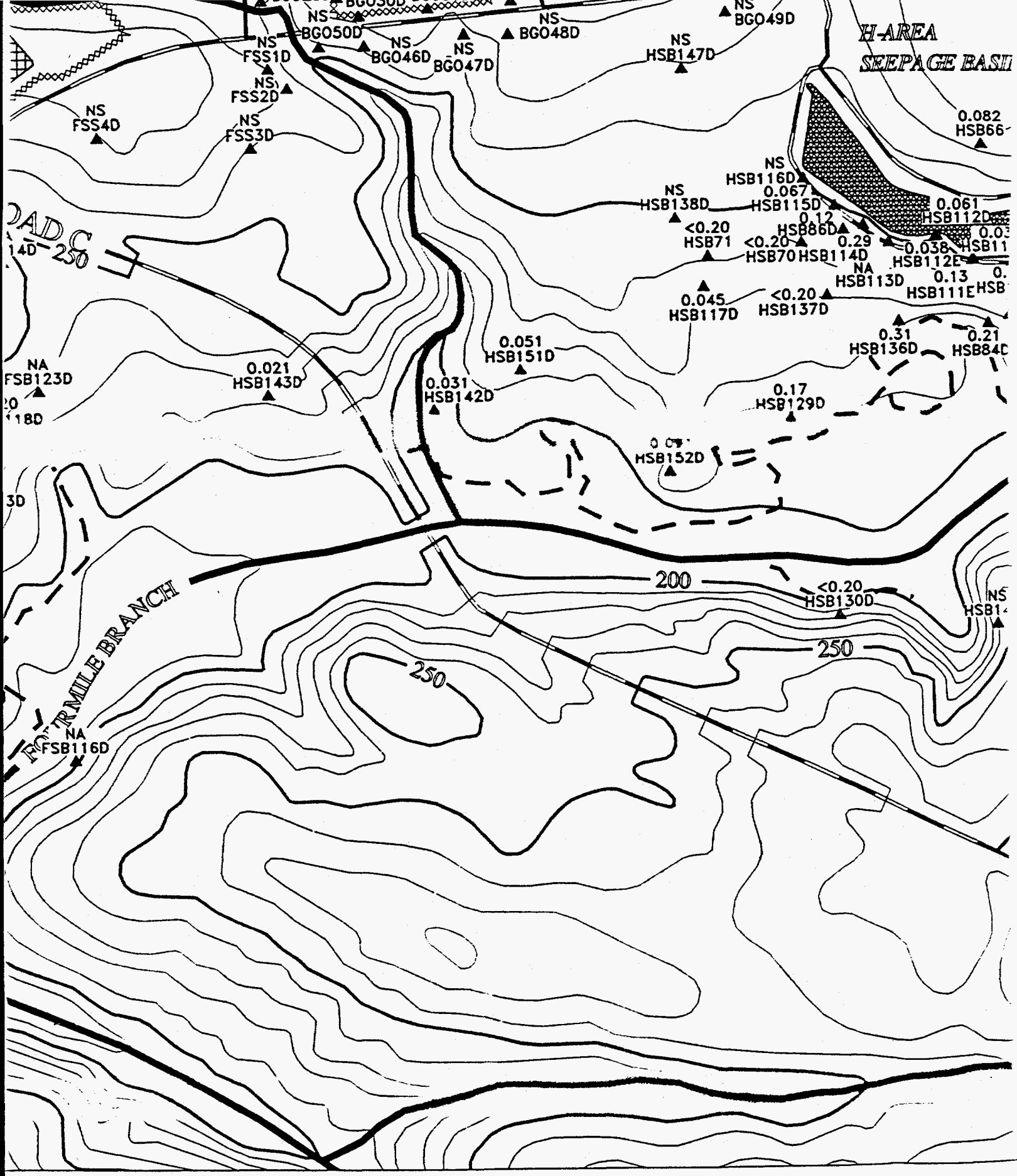
LEGEND

- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

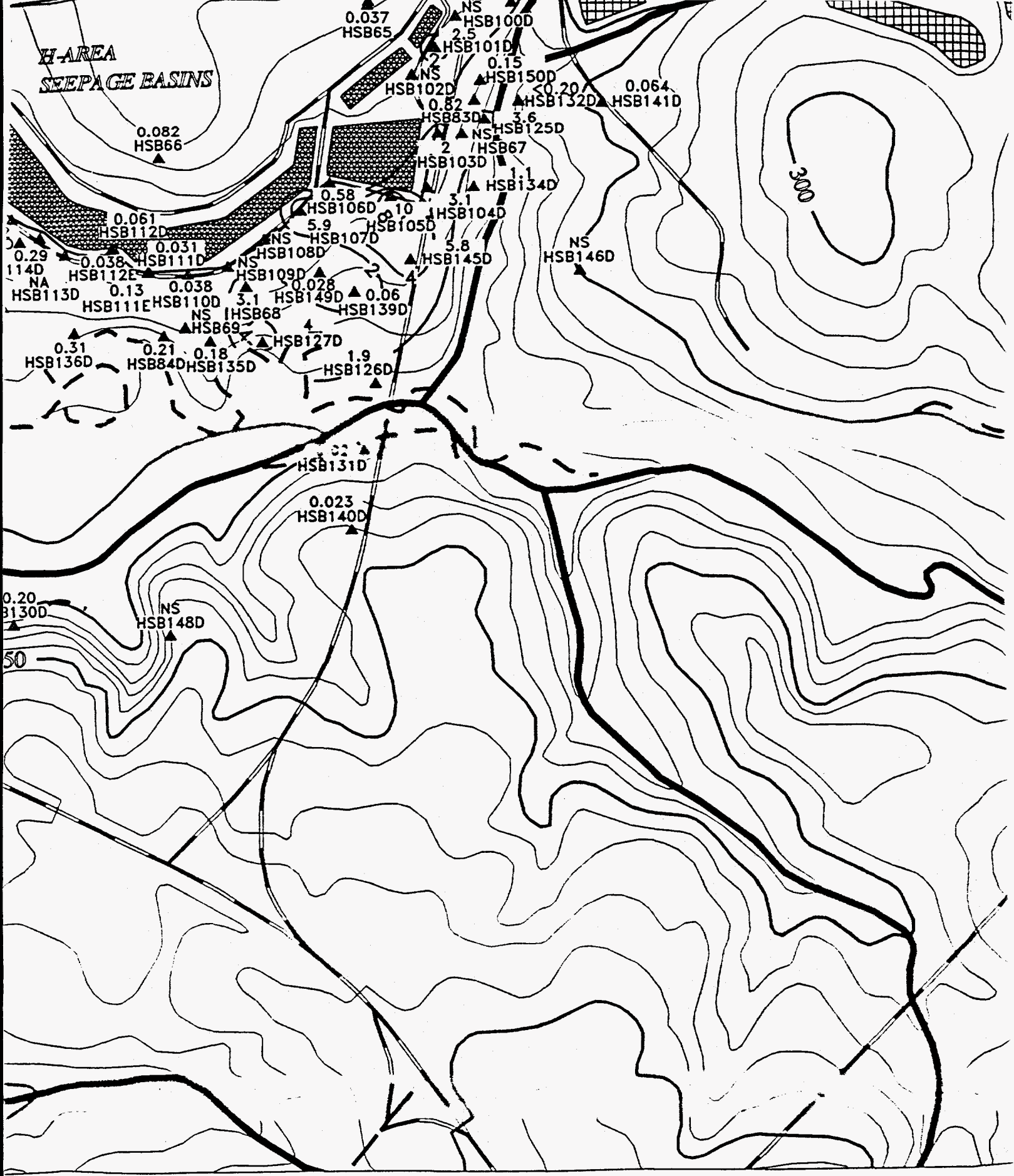
81.690

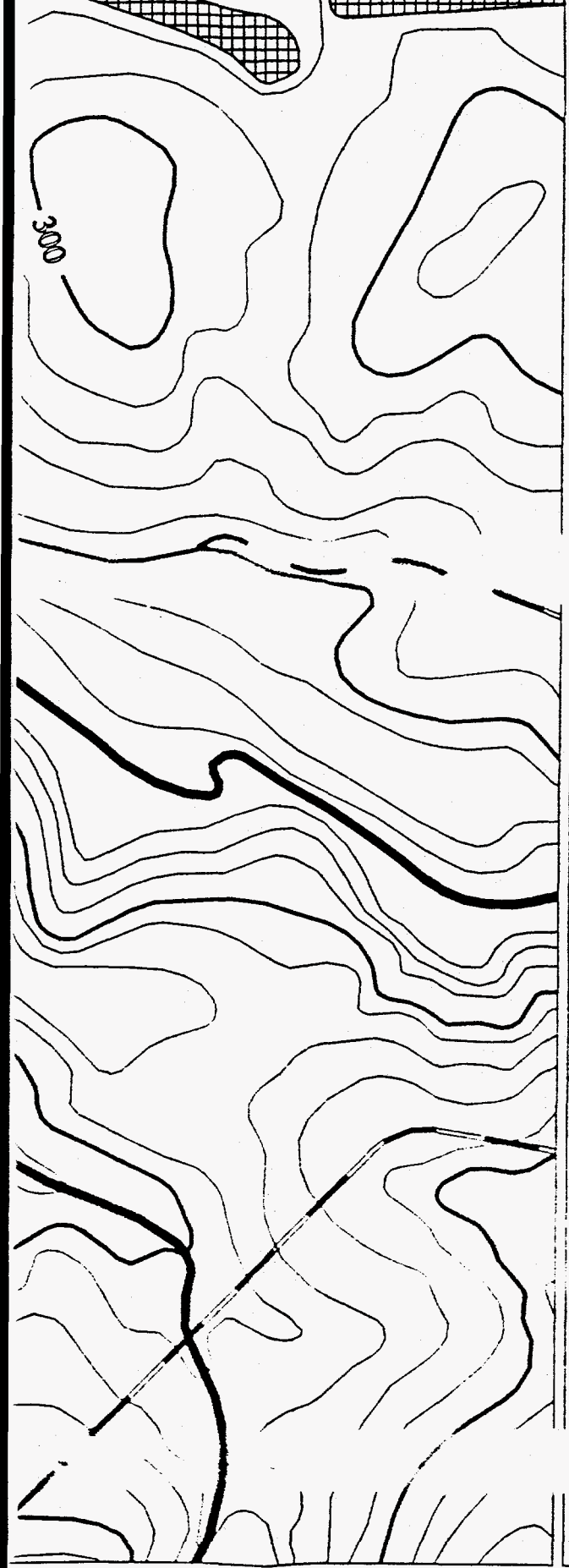
81.638


NS FSL5D
NS FSL6D
NS FSS4D
NS FSL7D
NS FSB76
NS FSL8D
NA FSB108D
NS FSL9D
14 FSB88D
NA FSB114D
3.6 FSB89D
<0.20 FSB111D
5.2 FSB90D
3.7 FSB107D
4
0.2 FSB91D
NA FSB123D
<0.20 FSB118D
NS FSB77
0.53 FSB93D
0.059 FSB99D
NS FSB87D
0.14 FSB105DR
<0.20 FSB120D
0.71 FSB95DR
0.45 FSB94DR
NA FSB78
NA FSB119D
NA FSB113D
<0.20 FSB106D
0.47 FSB110D
NA FSB117D
NA FSB121DR
NA FSB79
0.093 FSB112D
NS FSB104D
NA FSB116D
<0.20 FSB122D
NA FSB115D
<0.20 FSB109D
300
300
250
ROAD C
F-AREA SEEPAGE BASINS
FOURMILE BRANCH



H-AREA
SEEPAGE BASI
NS BG050D
NS BG046D
NS BG047D
NS BG048D
NS BG049D
NS FSS1D
NS FSS2D
NS FSS3D
NS FSS4D
NS HSB147D
0.082 HSB66
NS HSB116D
0.067 HSB115D
NS HSB138D
0.12 HSB86D
0.061 HSB112D
<0.20 HSB71
<0.20 HSB70
0.29 HSB114D
0.038 HSB112E
NA HSB113D
0.13 HSB111E
0.045 HSB117D
<0.20 HSB137D
0.31 HSB136D
0.21 HSB84D
0.051 HSB151D
NA FSB123D
0.021 HSB143D
0.031 HSB142D
0.17 HSB129D
HSB152D
250
200
<0.20 HSB130D
FOURMILE BRANCH
NA FSB116D


H-AREA
SEEPAGE BASINS
0.037
HSB65
NS
HSB100D
2.5
HSB101D
2
NS
HSB102D
0.15
HSB150D
0.82
HSB83D
<0.20
HSB132D
0.064
HSB141D
3.6
HSB125D
0.082
HSB66
NS
HSB67
2
HSB103D
1.1
HSB134D
0.58
HSB106D
10
3.1
HSB104D
HSB105D
0.061
HSB112D
5.9
NS
HSB107D
0.031
HSB111D
NS
HSB108D
5.8
HSB145D
NS
HSB146D
0.29
0.038
HSB112E
NS
HSB109D
NA
HSB113D
0.13
0.038
0.028
HSB111E
HSB110D
3.1
HSB149D
0.06
HSB139D
NS
HSB68
HSB69
HSB127D
0.31
HSB136D
0.21
HSB84D
0.18
HSB135D
1.9
HSB126D
HSB131D
0.023
HSB140D
0.20
HSB130D
NS
HSB148D
300
50



LONGITUDE

33.261 33.261

-81.690 -81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

WATER TABLE

CONSTITUENT:

MERCURY

GWPS = 2 ug/L

"NS" = Not Sampled

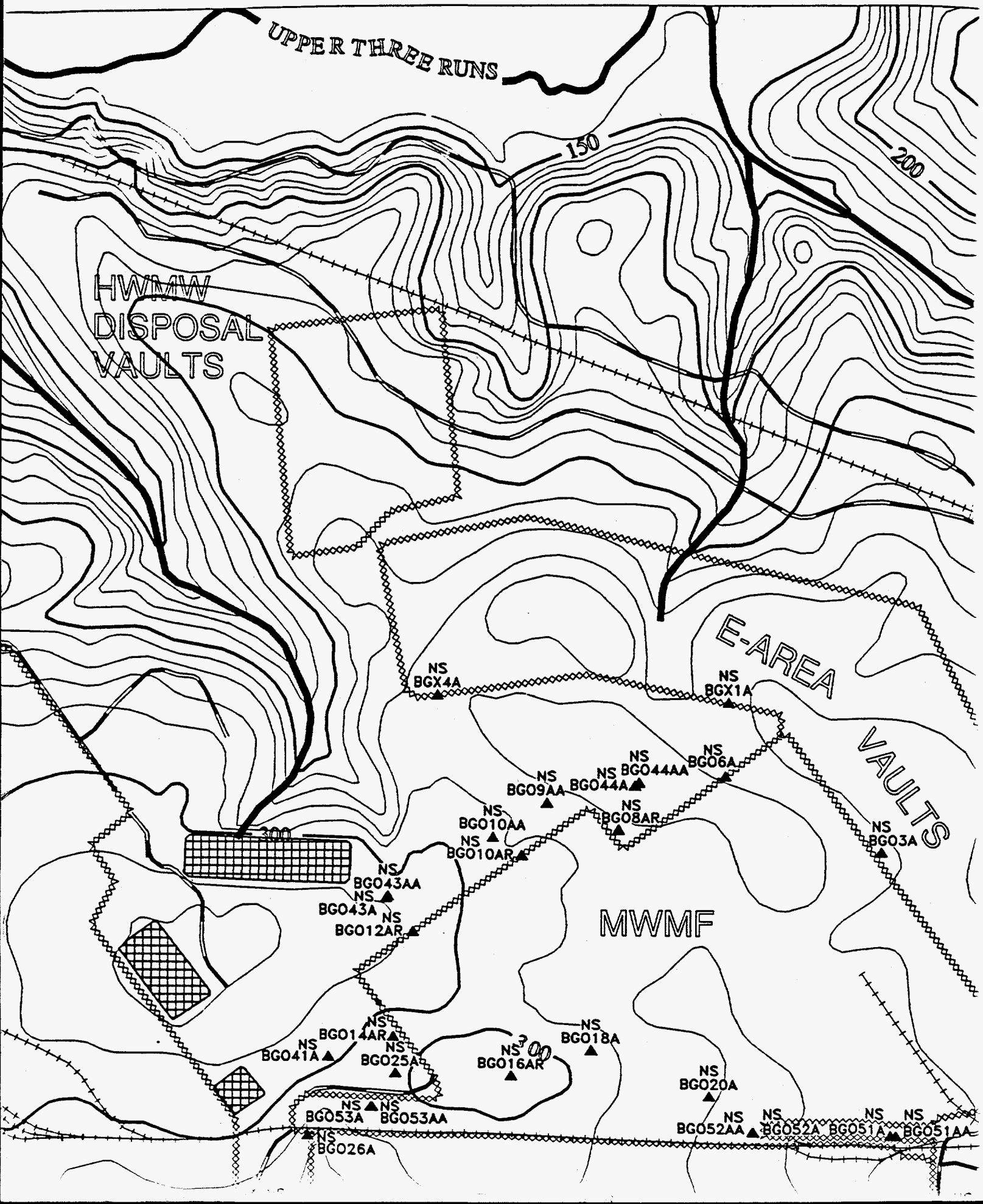
"NA" = Not Analyzed

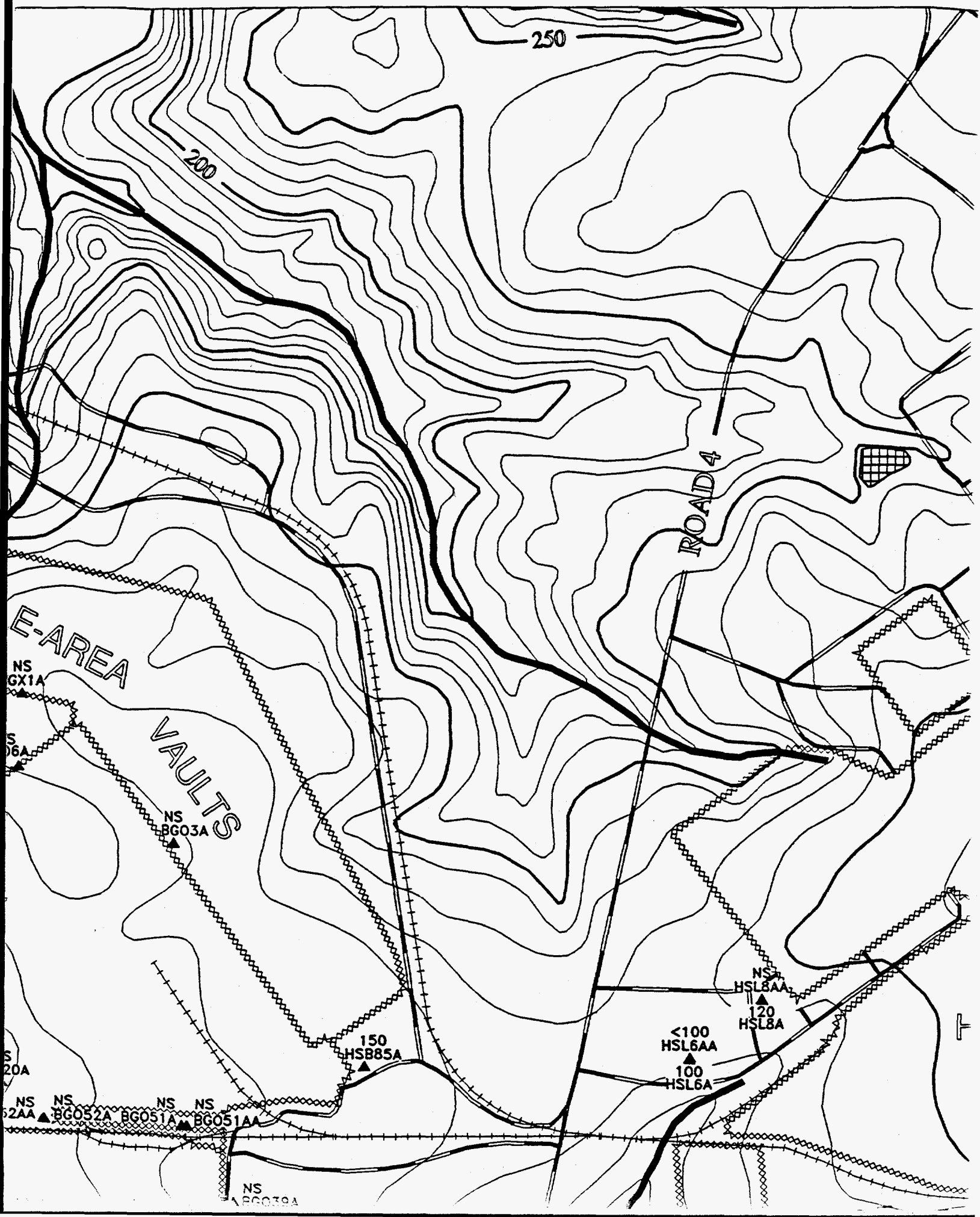
"*" = Wells Not Used to Contour

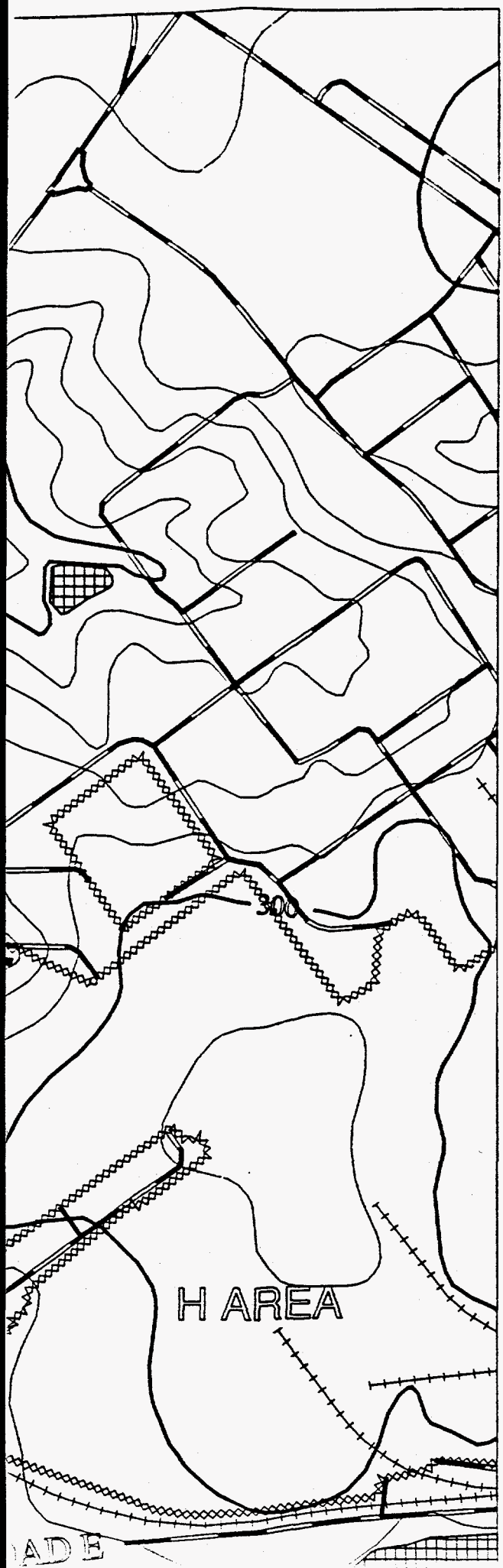
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 2, 4, 8 ug/L

250
300
250
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
E-AREA
VAULTS
MWMF
300
NS BGX4A
NS BGX1A
NS BGO44AA
NS BGO44A
NS BGO6A
NS BGO9AA
NS BGO10AA
NS BGO8AR
NS BGO10AR
NS BGO3A
NS BGO43AA
NS BGO43A
NS BGO12AR
NS BGO14AR
NS BGO41A
NS BGO25A
NS BGO16AR
NS BGO18A
NS BGO20A
NS BGO53A
NS BGO53AA
NS BGO52AA
NS BGO52A
NS BGO51A
NS BGO51AA
NS BGO26A


250
200
ROAD 4
F-AREA VAULTS
NS
GX1A
NS
BG03A
NS
HSL8AA
120
HSL8A
<100
HSL6AA
100
HSL6A
150
HSB85A
NS
NS
BG052A
NS
BG051A
NS
BG051AA
NS



REFERENCE DOCUMENT

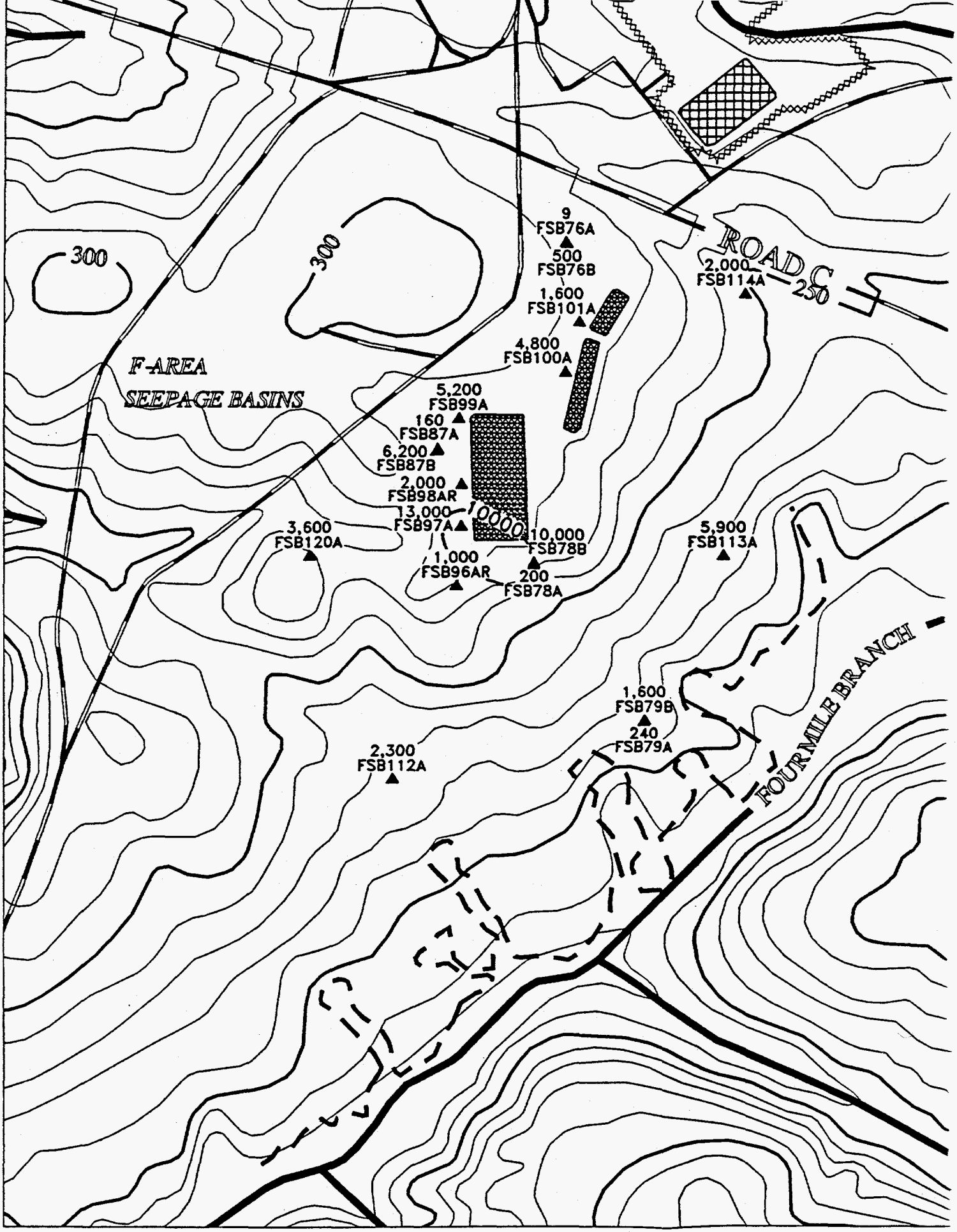
WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

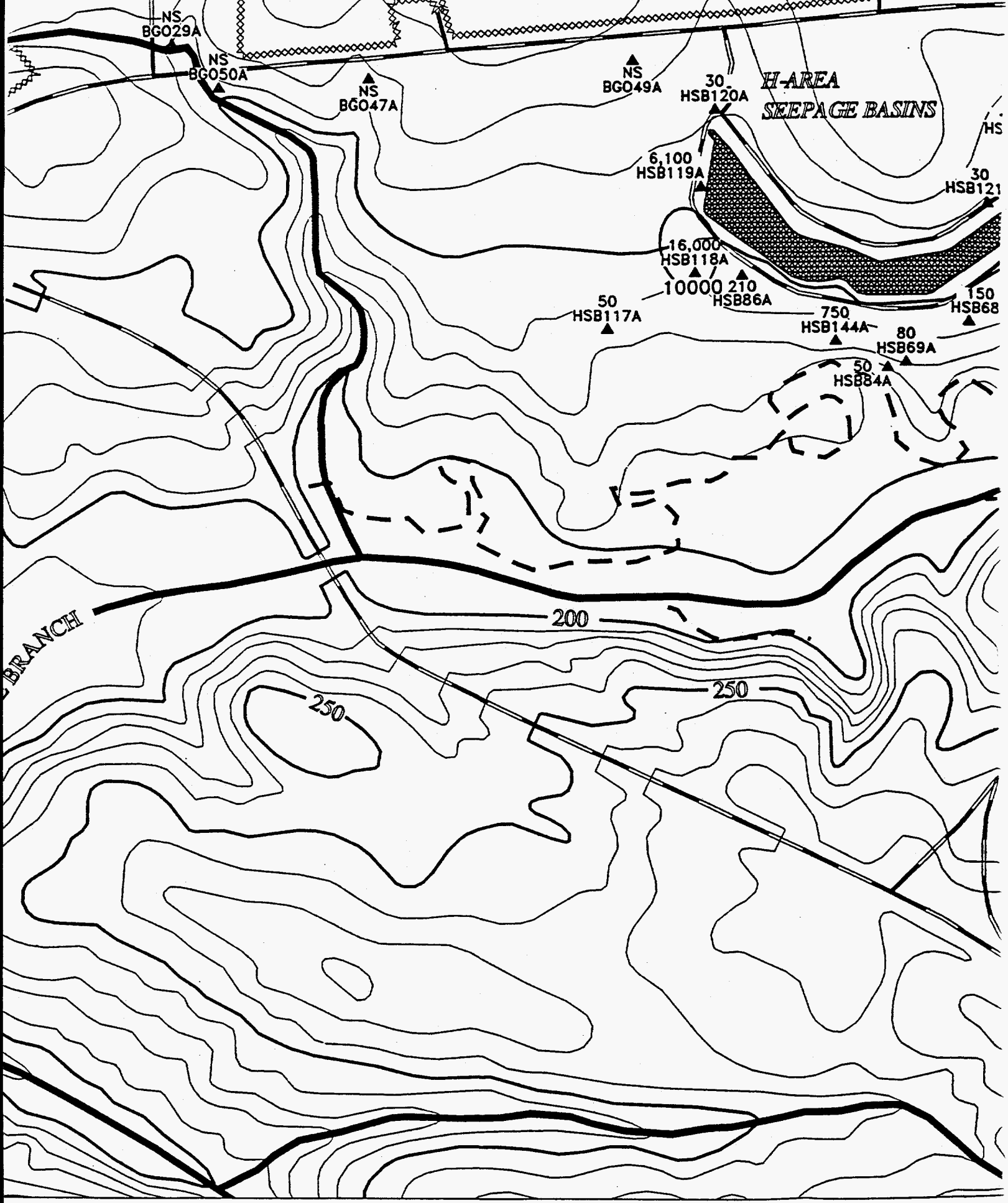
LEGEND

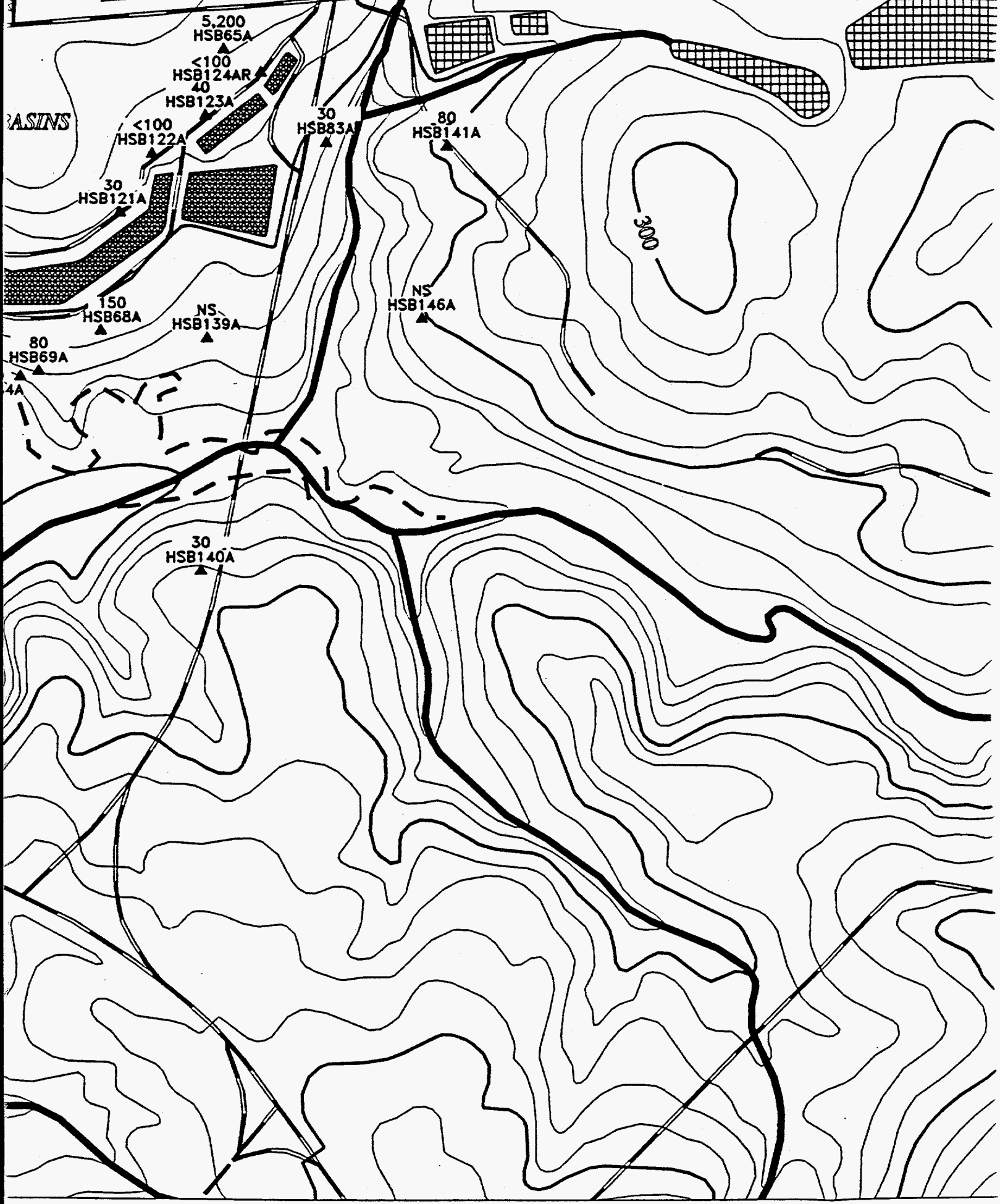
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

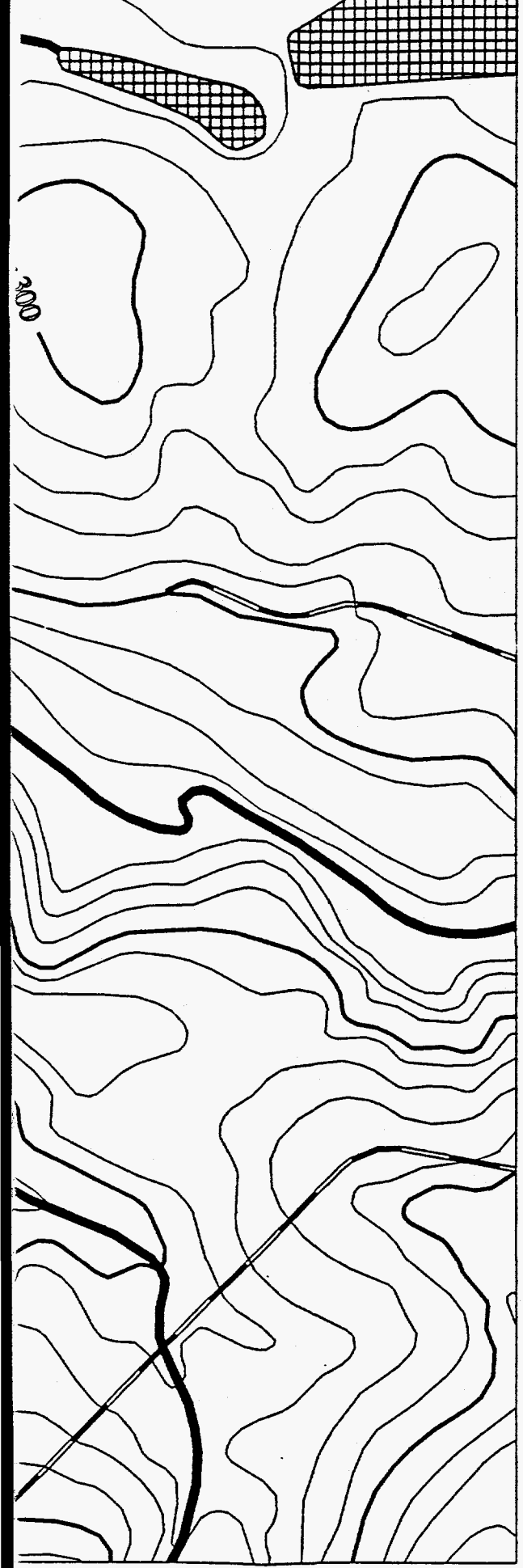
-81.690 -81.638

33.304 33.305


300
300
F-AREA
SEEPAGE BASINS
9
FSB76A
500
FSB76B
1,600
FSB101A
4,800
FSB100A
5,200
FSB99A
160
FSB87A
6,200
FSB87B
2,000
FSB98AR
13,000
FSB97A
10000
10,000
FSB78B
200
FSB78A
1,000
FSB96AR
3,600
FSB120A
2,300
FSB112A
ROAD C
2,000
FSB114A
250
5,900
FSB113A
1,600
FSB79B
240
FSB79A
FOUR MILE BRANCH


NS
BGO29A
NS
BGO50A
NS
BGO47A
NS
BGO49A
30
HSB120A
H-AREA
SEEPAGE BASINS
6,100
HSB119A
30
HSB121
16,000
HSB118A
10000
210
HSB86A
50
HSB117A
750
HSB144A
150
HSB68
80
HSB69A
50
HSB84A
200
250
250
BRANCH


5,200
HSB65A
<100
HSB124AR
40
HSB123A
<100
HSB122A
30
HSB121A
30
HSB83A
80
HSB141A
300
NS
HSB146A
150
HSB68A
NS
HSB139A
80
HSB69A
30
HSB140A



LATITUDE-
LONGITUDE

33.261 33.261

-81.690 -81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

CONGAREE

CONSTITUENT:

NITRATE

GWPS = 10,000 ug/L

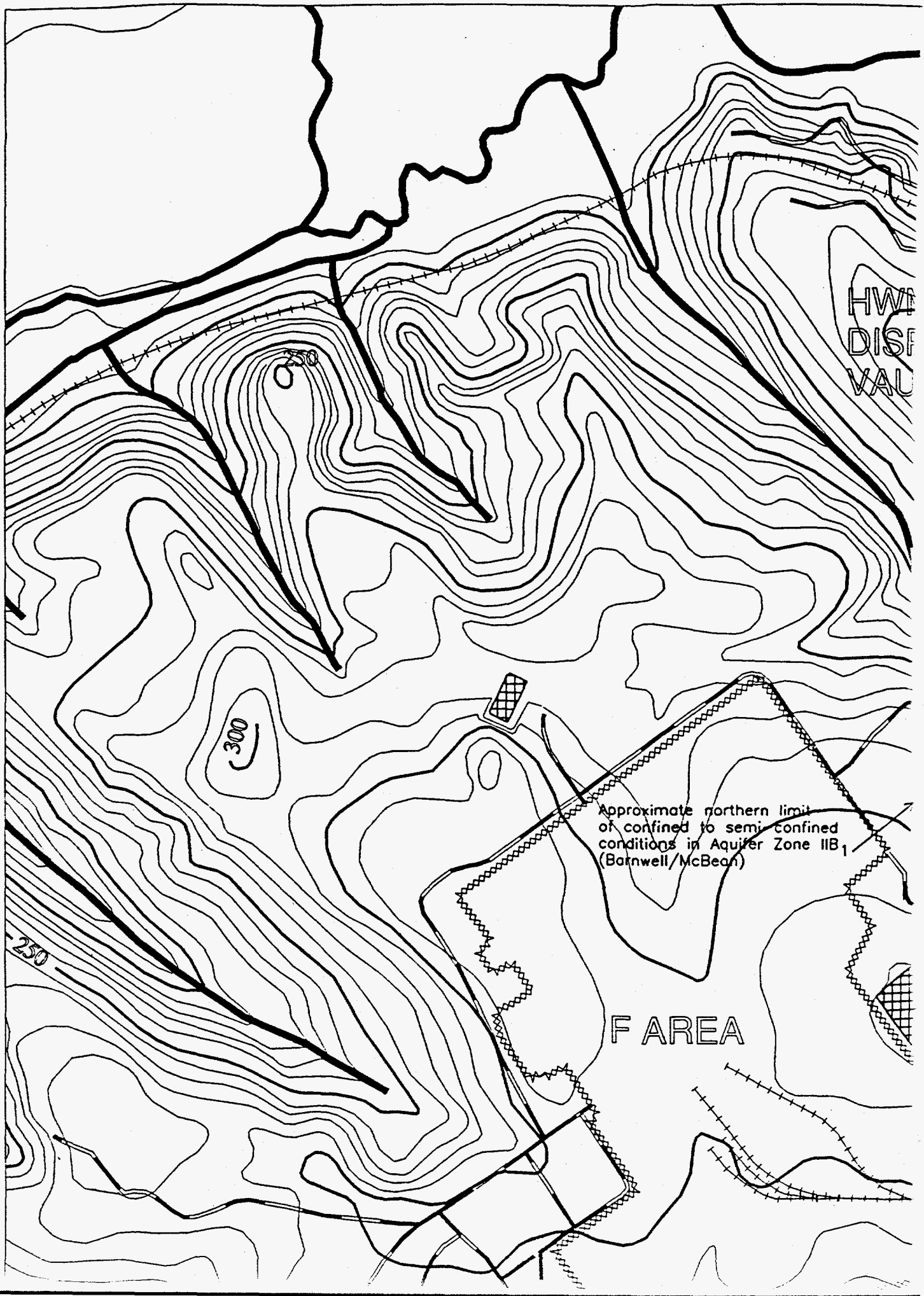
"NS" = Not Sampled

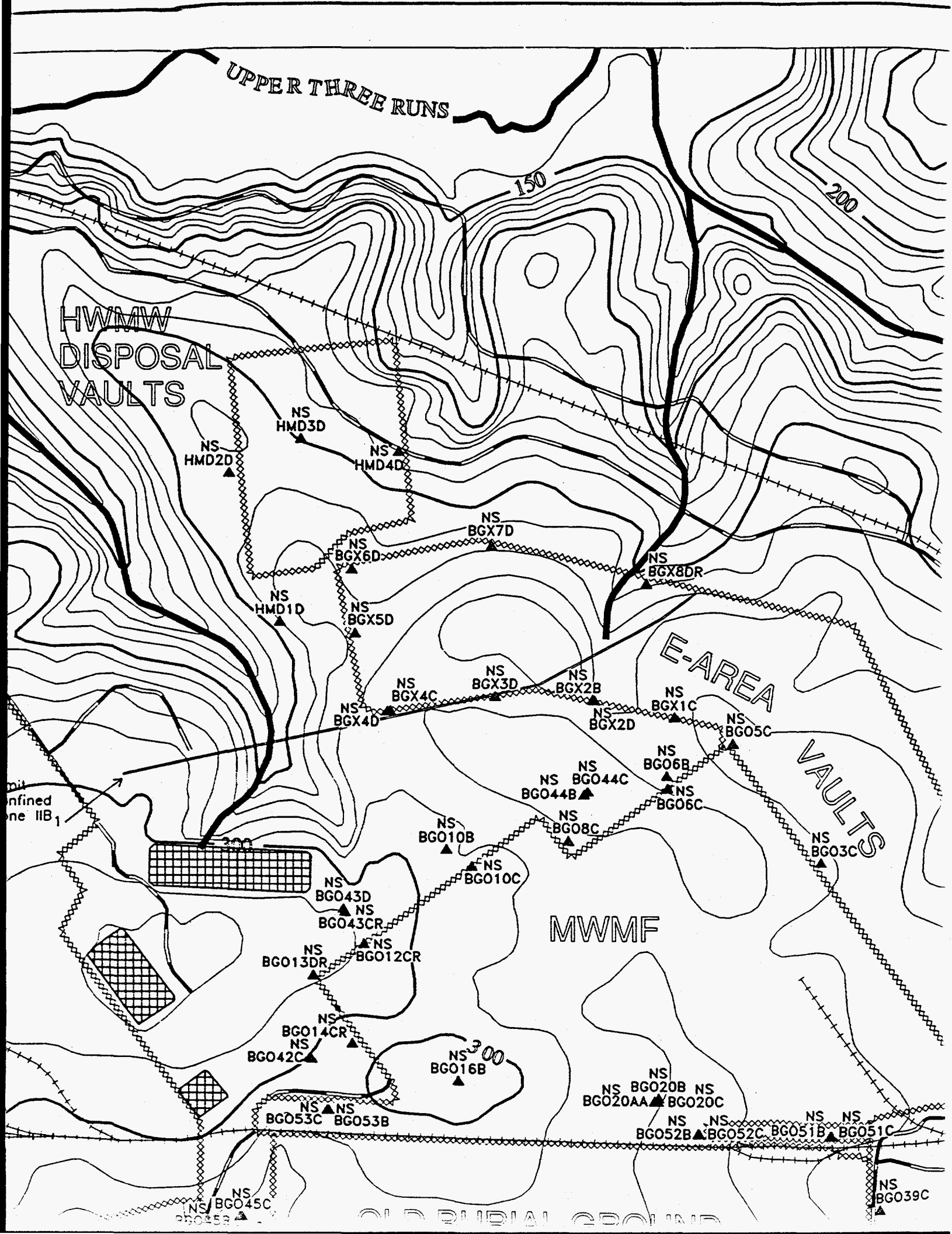
"NA" = Not Analyzed

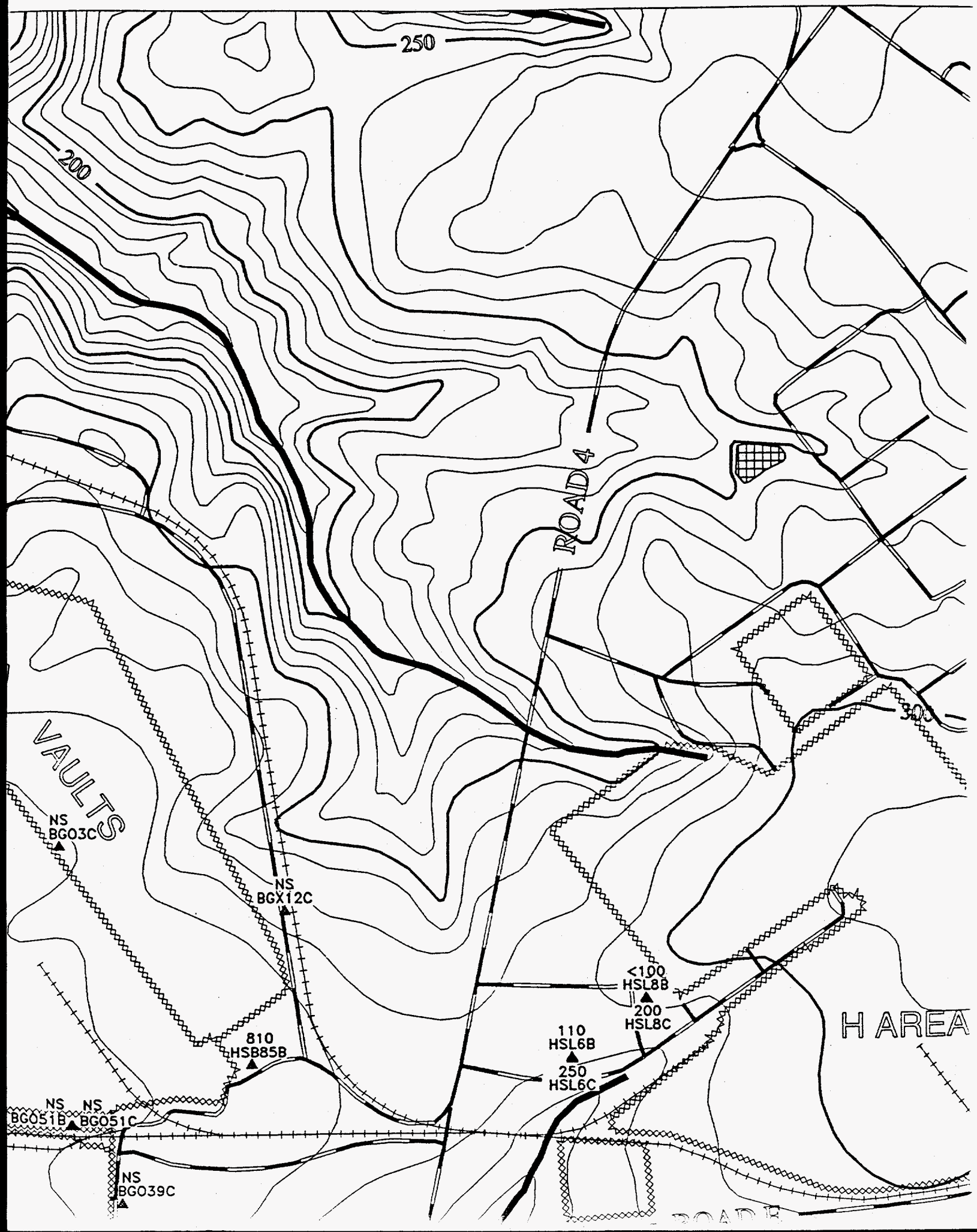
"*" = Wells Not Used to Contour

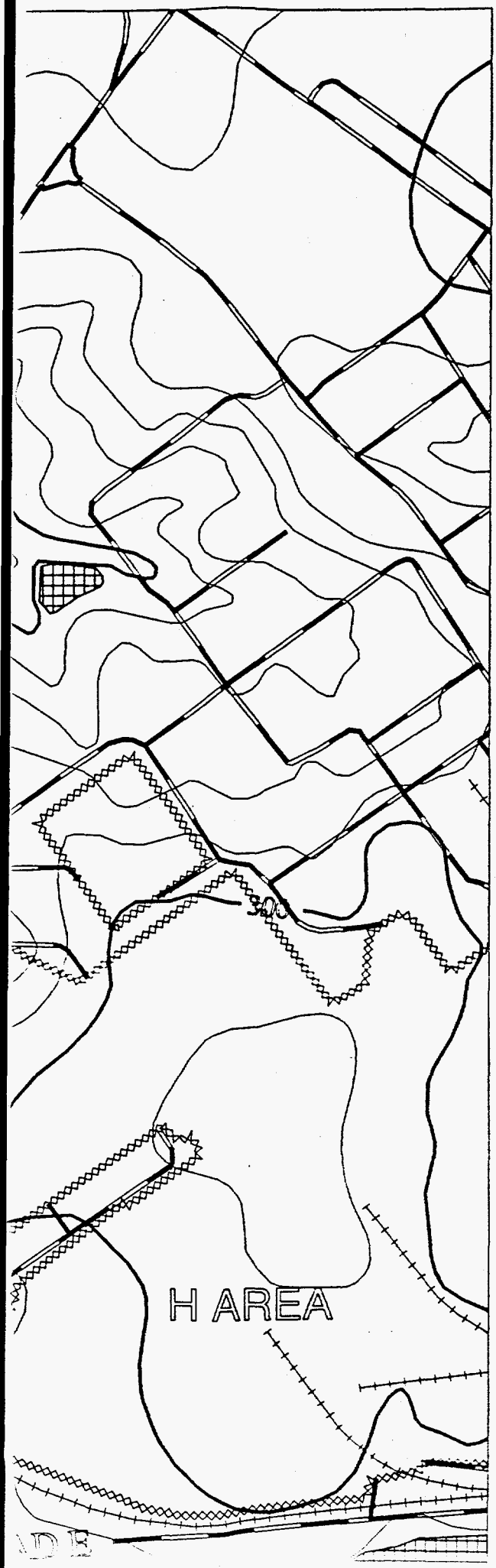
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 10000, 20000, 40000, 80000, 160000 ug/L


250
300
250
Approximate northern limit of confined to semi confined conditions in Aquifer Zone IIB1 (Barnwell/McBean)
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
NS HMD3D
NS HMD2D
NS HMD4D
NS BGX7D
NS BGX6D
NS BGX8DR
NS HMD1D
NS BGX5D
E-AREA
VAULTS
NS BGX3D
NS BGX2B
NS BGX4C
NS BGX4D
NS BGX2D
NS BGX1C
NS BGO5C
NS BGO6B
NS BGO44C
NS BGO44B
NS BGO6C
NS BGO8C
NS BGO10B
NS BGO3C
NS BGO10C
NS BGO43D
NS BGO43CR
MWMF
NS BGO13DR
NS BGO12CR
NS BGO14CR
NS BGO42C
300
NS BGO16B
NS BGO20B
NS BGO20AA
NS BGO20C
NS BGO53C
NS BGO53B
NS BGO52B
NS BGO52C
NS BGO51B
NS BGO51C
NS BGO45C
NS BGO39C


250
200
ROAD 4
300
VAULTS
NS
BG03C
NS
BGX12C
<100
HSL8B
200
HSL8C
H AREA
110
HSL6B
250
HSL6C
810
HSB85B
NS
BG051B
NS
BG051C
NS
BG039C



REFERENCE DOCUMENT

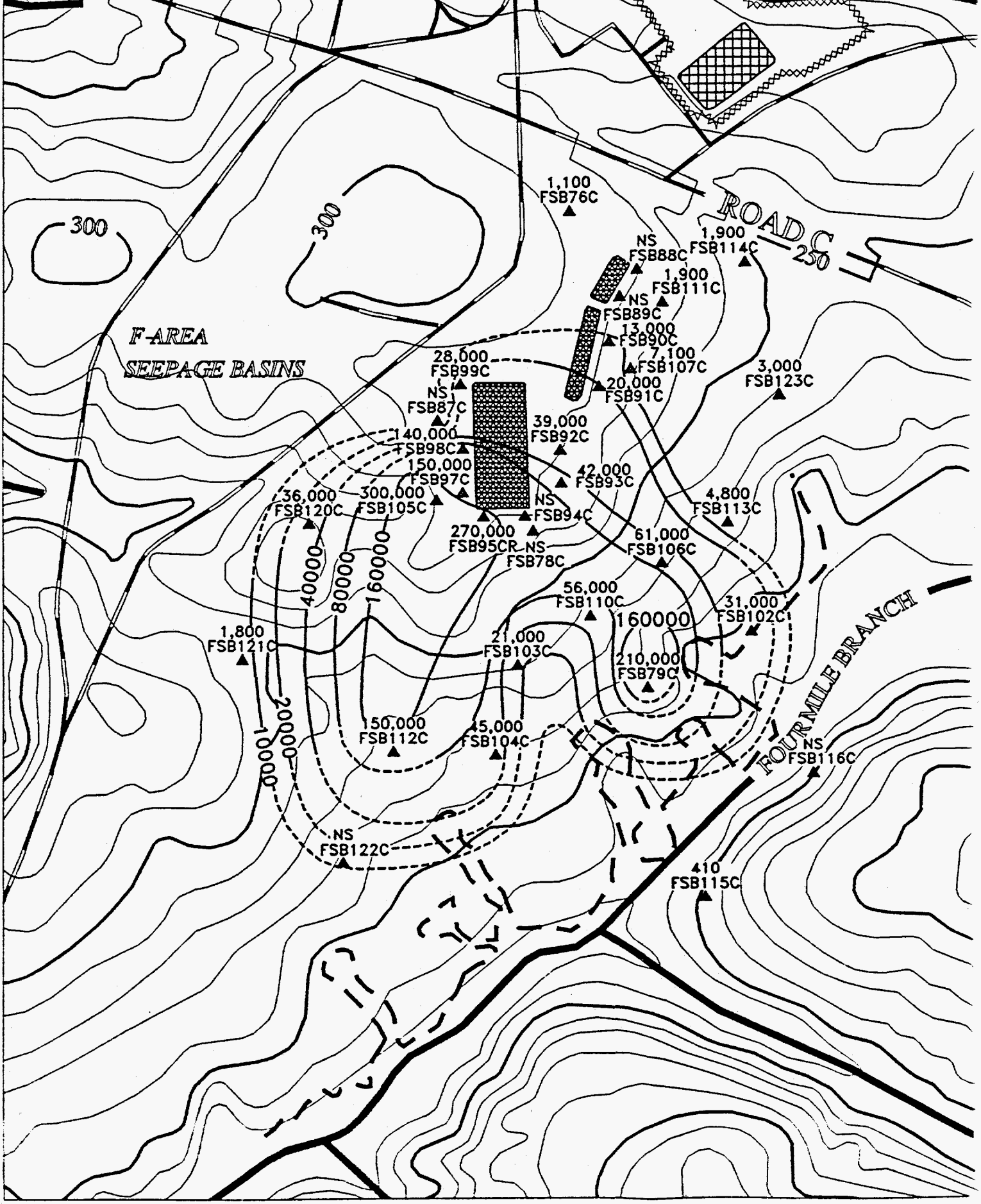
WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

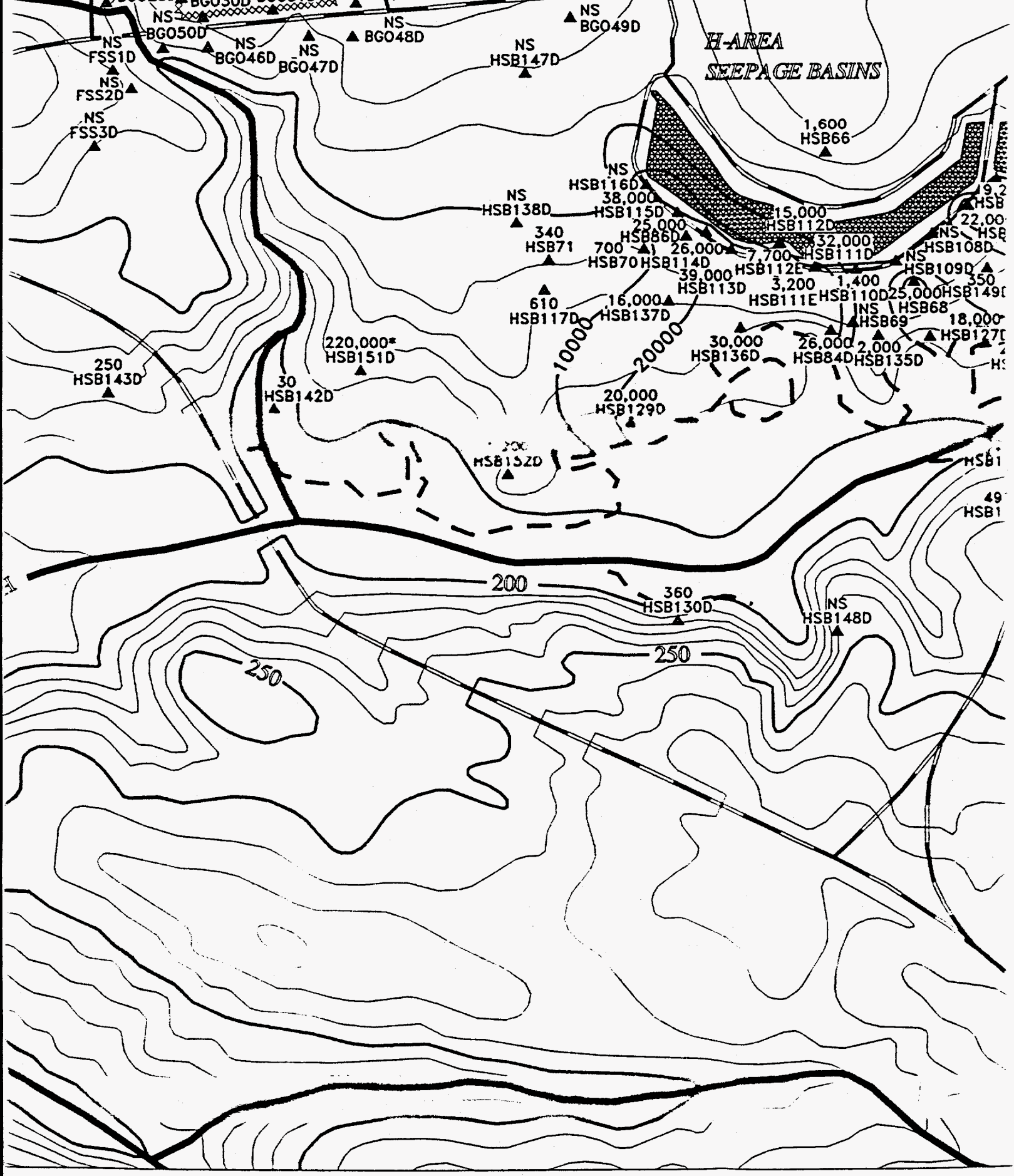
LEGEND

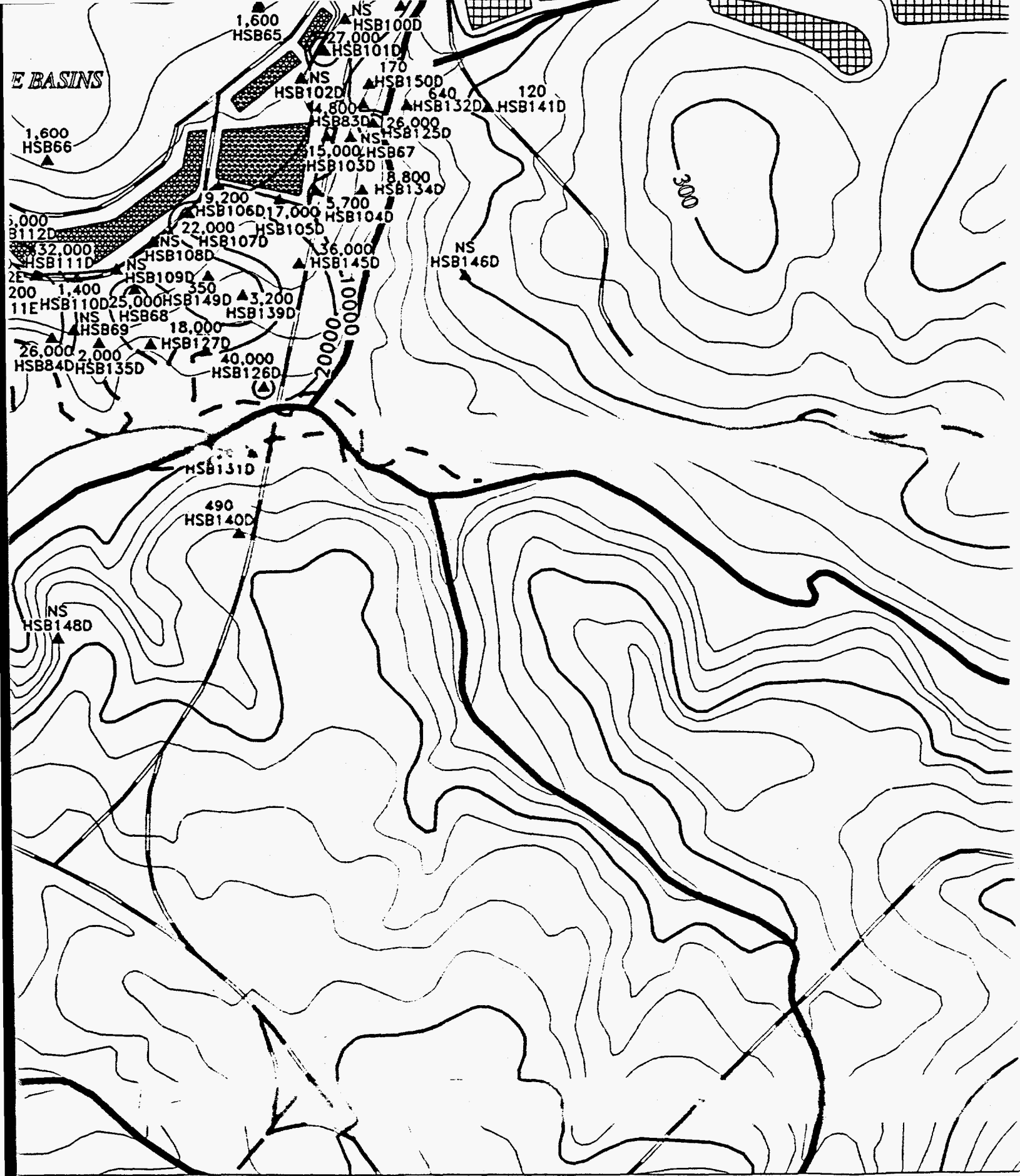
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

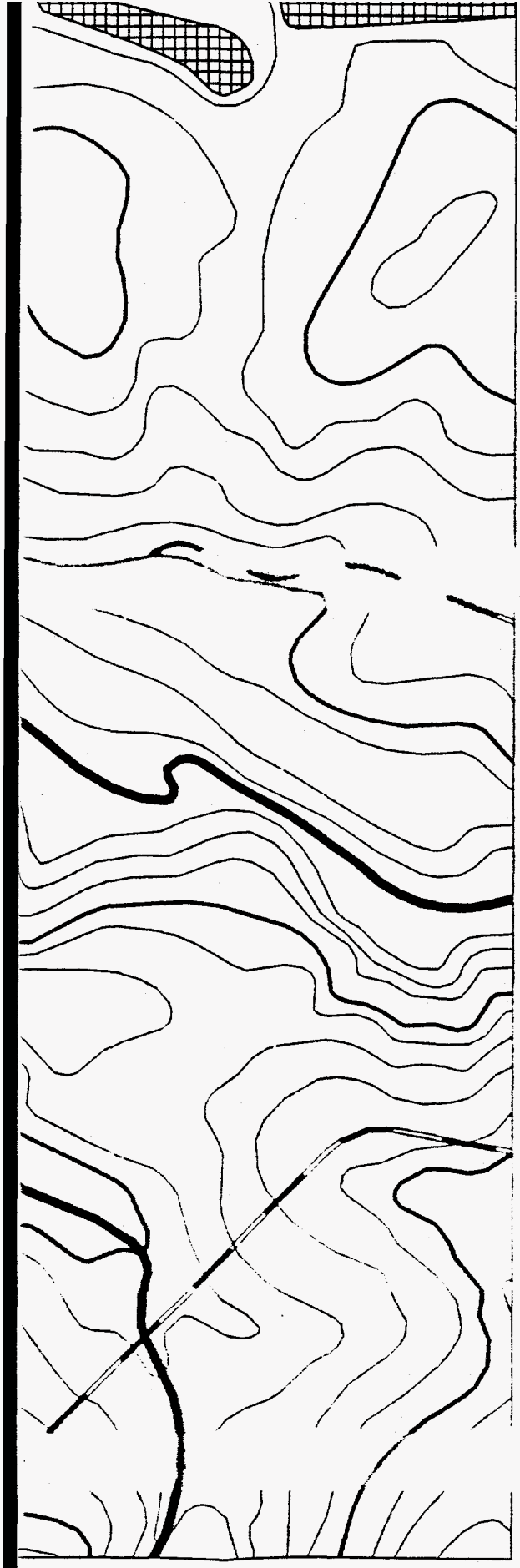
-81.690 -81.638

33.304 33.305


F-AREA
SEEPAGE BASINS
ROAD C
FOUR MILE BRANCH
300
300
250
1,100
FSB76C
NS
FSB88C
1,900
FSB114C
1,900
FSB111C
NS
FSB89C
13,000
FSB90C
7,100
FSB107C
3,000
FSB123C
20,000
FSB91C
28,000
FSB99C
NS
FSB87C
39,000
FSB92C
140,000
FSB98C
150,000
FSB97C
42,000
FSB93C
36,000
FSB120C
300,000
FSB105C
NS
FSB94C
4,800
FSB113C
270,000
FSB95CR
NS
FSB78C
61,000
FSB106C
40000
80000
160000
56,000
FSB110C
31,000
FSB102C
160000
1,800
FSB121C
21,000
FSB103C
210,000
FSB79C
20000
10000
150,000
FSB112C
45,000
FSB104C
NS
FSB116C
NS
FSB122C
410
FSB115C


H-AREA
SEEPAGE BASINS
NS
BGO50D
NS
BGO46D
NS
BGO47D
NS
BGO48D
NS
BGO49D
NS
FSS1D
NS
FSS2D
NS
FSS3D
NS
HSB147D
1,600
HSB66
NS
HSB116D
38,000
HSB115D
25,000
HSB86D
15,000
HSB112D
32,000
HSB111D
NS
HSB108D
NS
HSB109D
NS
HSB138D
340
HSB71
700
HSB70
26,000
HSB114D
7,700
HSB112E
39,000
HSB113D
3,200
HSB111E
1,400
HSB110D
25,000
NS
HSB68
610
HSB117D
16,000
HSB137D
NS
HSB69
18,000
HSB127D
30,000
HSB136D
26,000
HSB84D
2,000
HSB135D
220,000*
HSB151D
250
HSB143D
30
HSB142D
20,000
HSB129D
10000
20000
200
250
360
HSB130D
NS
HSB148D


E BASINS
1,600
HSB65
NS
HSB100D
27,000
HSB101D
170
HSB150D
NS
HSB102D
640
HSB132D
120
HSB141D
14,800
HSB83D
26,000
HSB125D
1,600
HSB66
NS
HSB67
15,000
HSB103D
8,800
HSB134D
9,200
HSB106D
17,000
5,700
HSB104D
22,000
HSB105D
NS
HSB107D
HSB108D
36,000
HSB145D
NS
HSB146D
32,000
HSB111D
NS
HSB109D
350
1,400
25,000
HSB110D
HSB149D
3,200
HSB139D
NS
HSB68
HSB69
18,000
HSB127D
26,000
2,000
HSB84D
HSB135D
40,000
HSB126D
HSB131D
490
HSB140D
NS
HSB148D
300
10000
20000



LONGITUDE

33.261 33.261

-81.690 -81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

WATER TABLE

CONSTITUENT:

NITRATE

GWPS = 10,000 ug/L

"NS" = Not Sampled

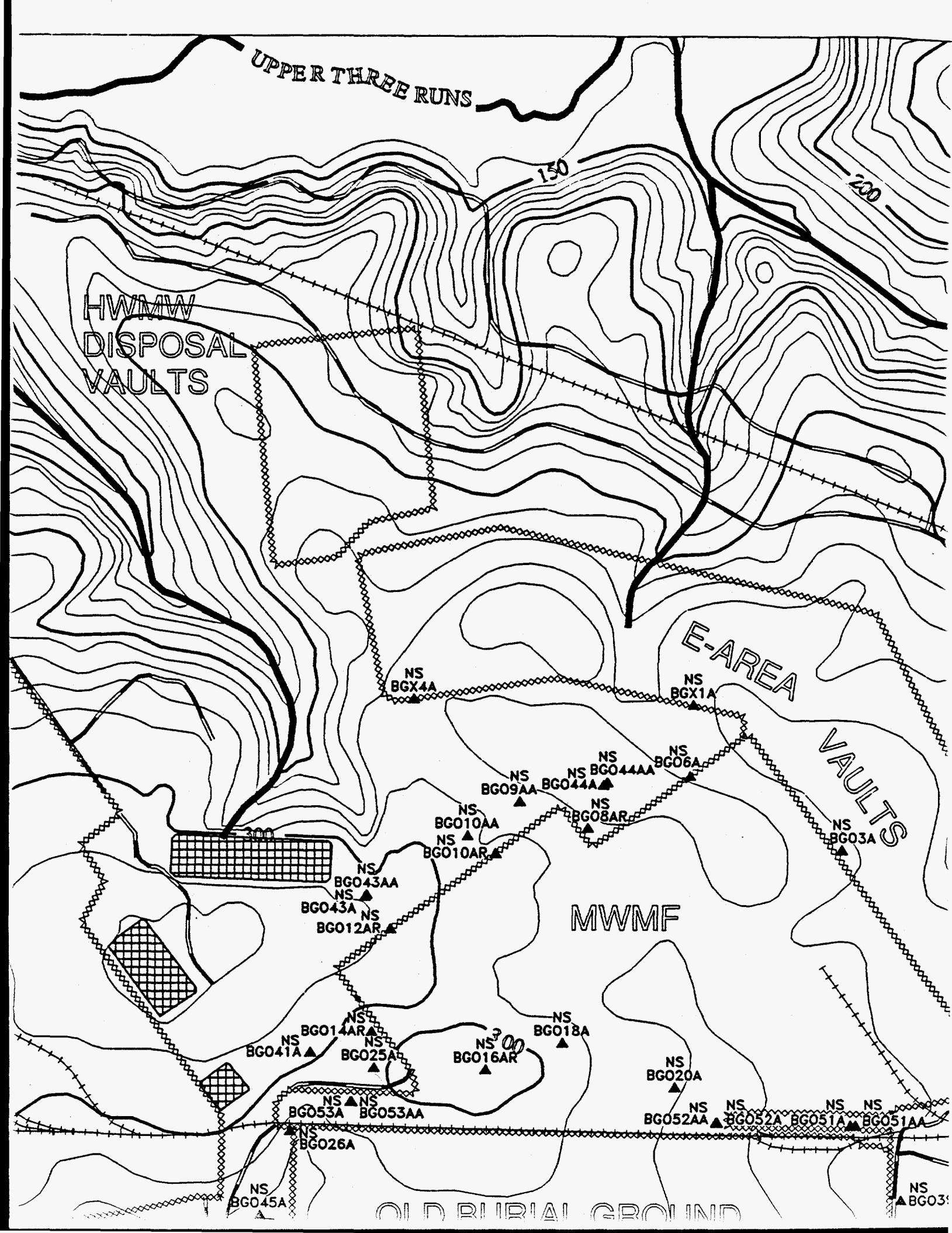
"NA" = Not Analyzed

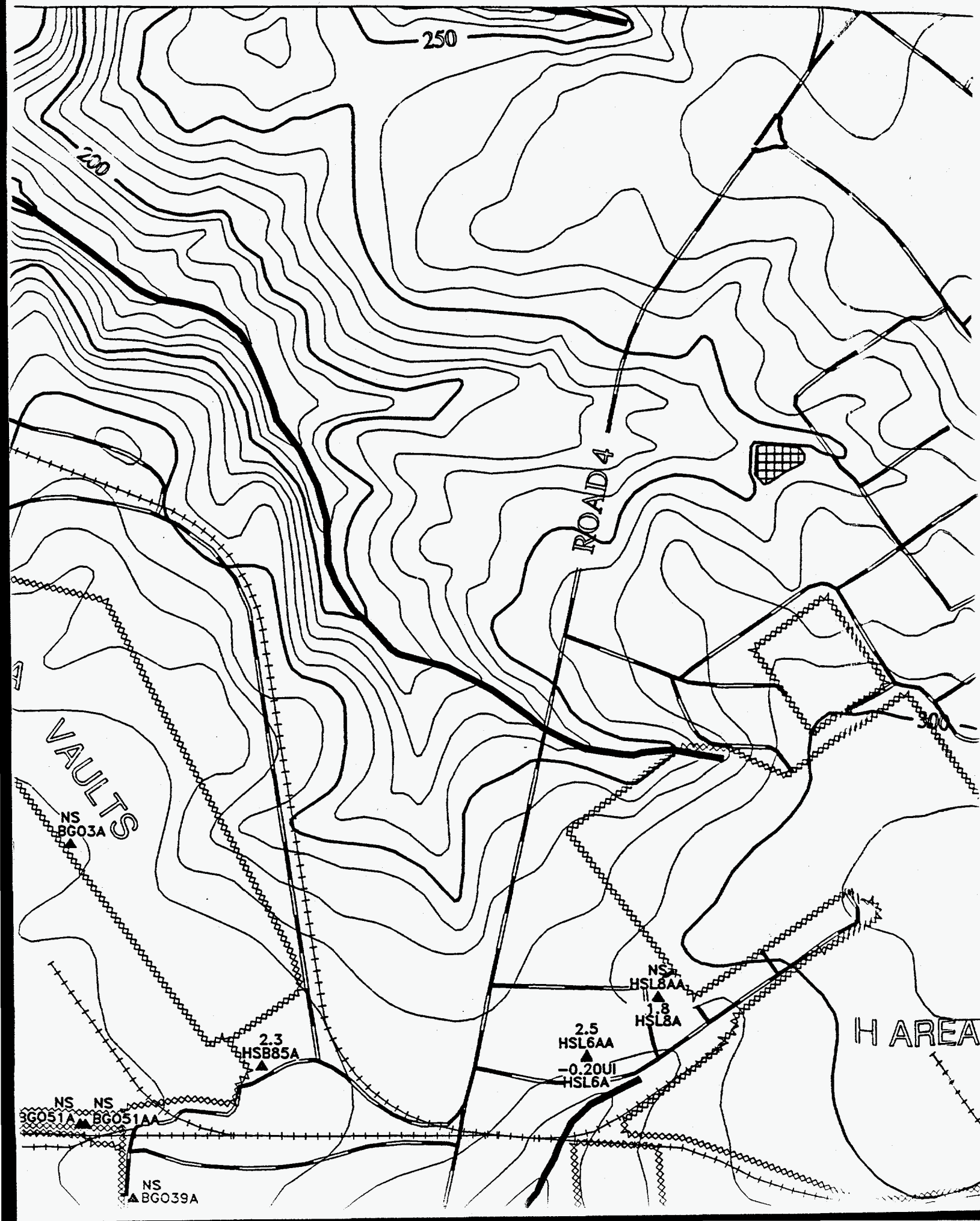
"*" = Wells Not Used to Contour

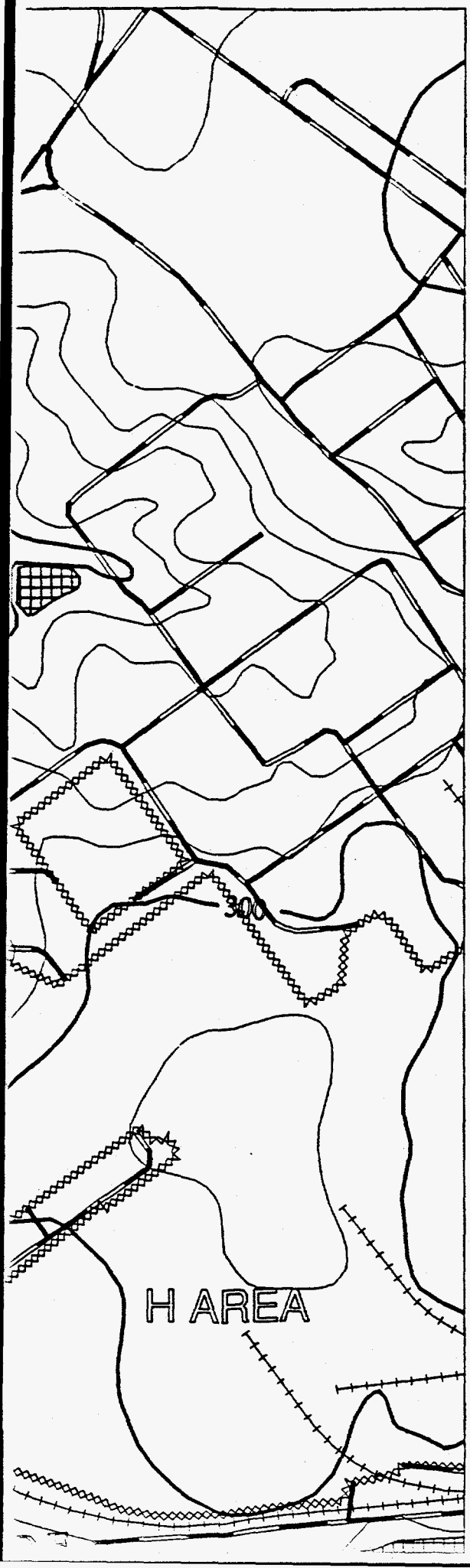
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 10000, 20000, 40000, 80000, 160000 ug/L

250
300
250
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
E-AREA
VAULTS
MWMF
300
NS BGX4A
NS BGX1A
NS BGO44AA
NS BGO6A
NS BGO44A
NS BGO9AA
NS BGO8AR
NS BGO10AA
NS BGO10AR
NS BGO3A
NS BGO43AA
NS BGO43A
NS BGO12AR
NS BGO14AR
NS BGO41A
NS BGO25A
NS BGO16AR
NS BGO18A
NS BGO20A
NS BGO53A
NS BGO53AA
NS BGO52AA
NS BGO52A
NS BGO51A
NS BGO51AA
NS BGO26A
NS BGO45A
NS BGO3
OLD BURIAL GROUND


250
200
ROAD 4
300
VAULTS
NS
BG03A
2.3
HSB85A
NS
HSL8AA
1.8
HSL8A
2.5
HSL6AA
-0.20UI
HSL6A
H AREA
NS
BG051A
NS
BG051AA
NS
BG039A



REFERENCE DOCUMENT

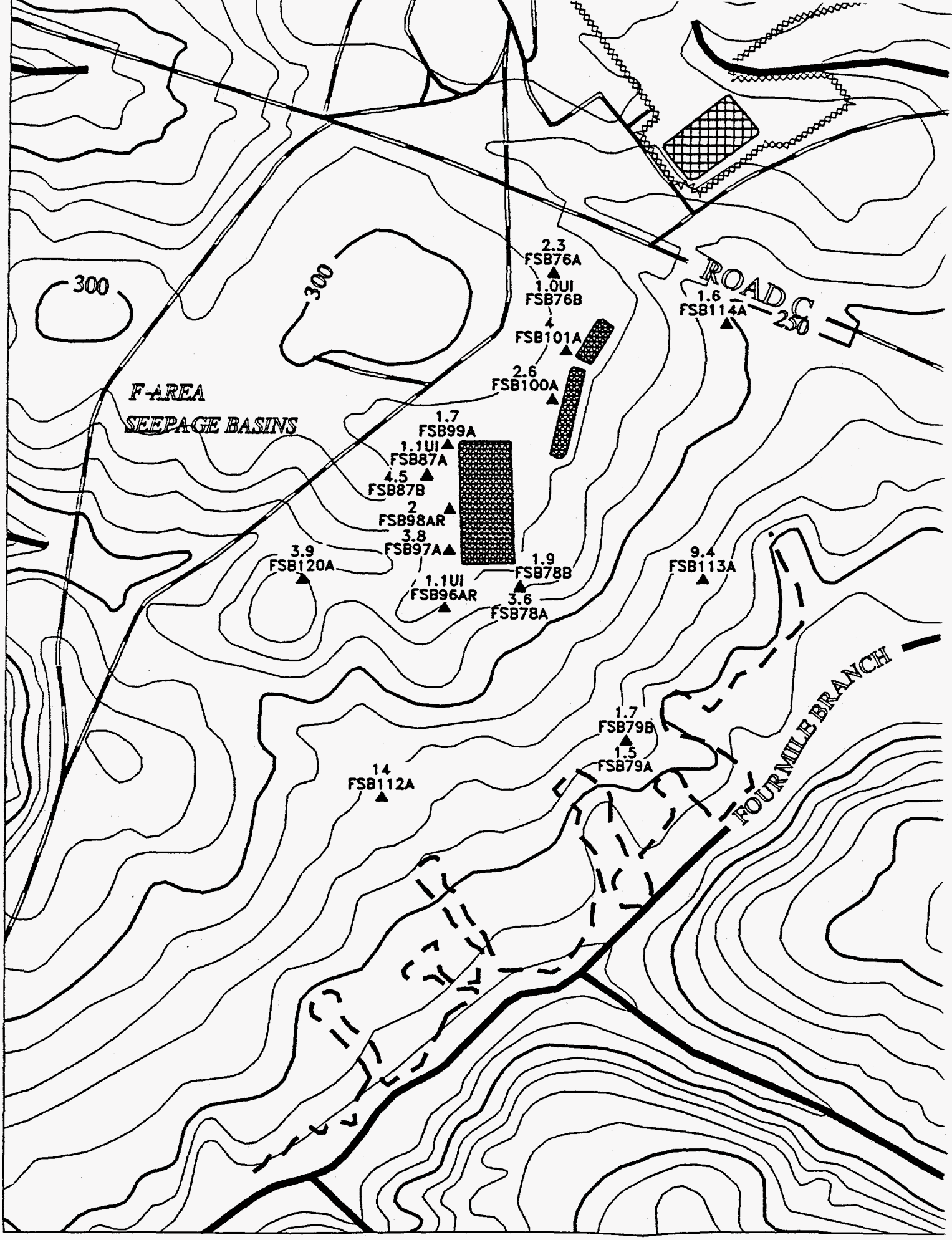
WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

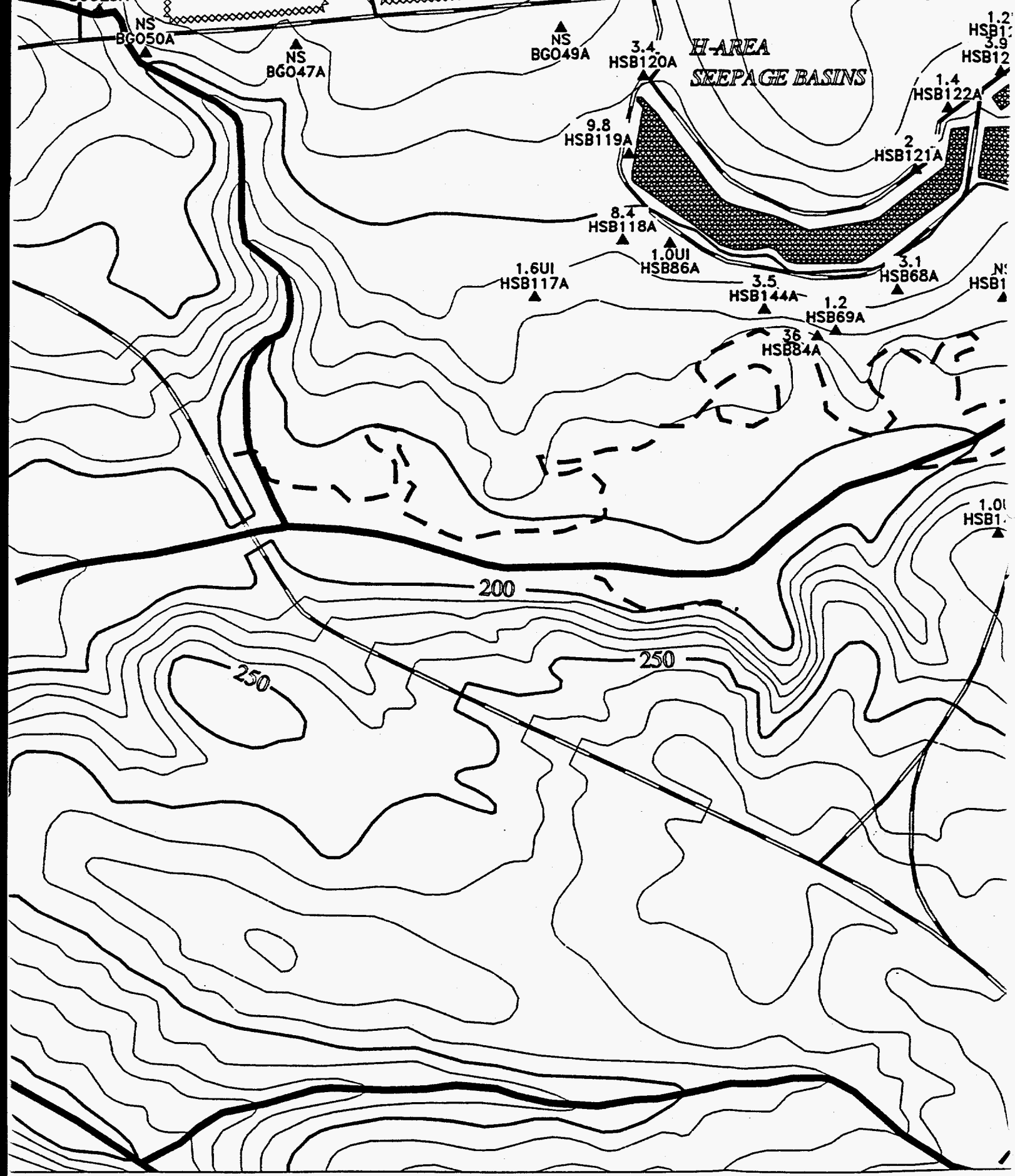
LEGEND

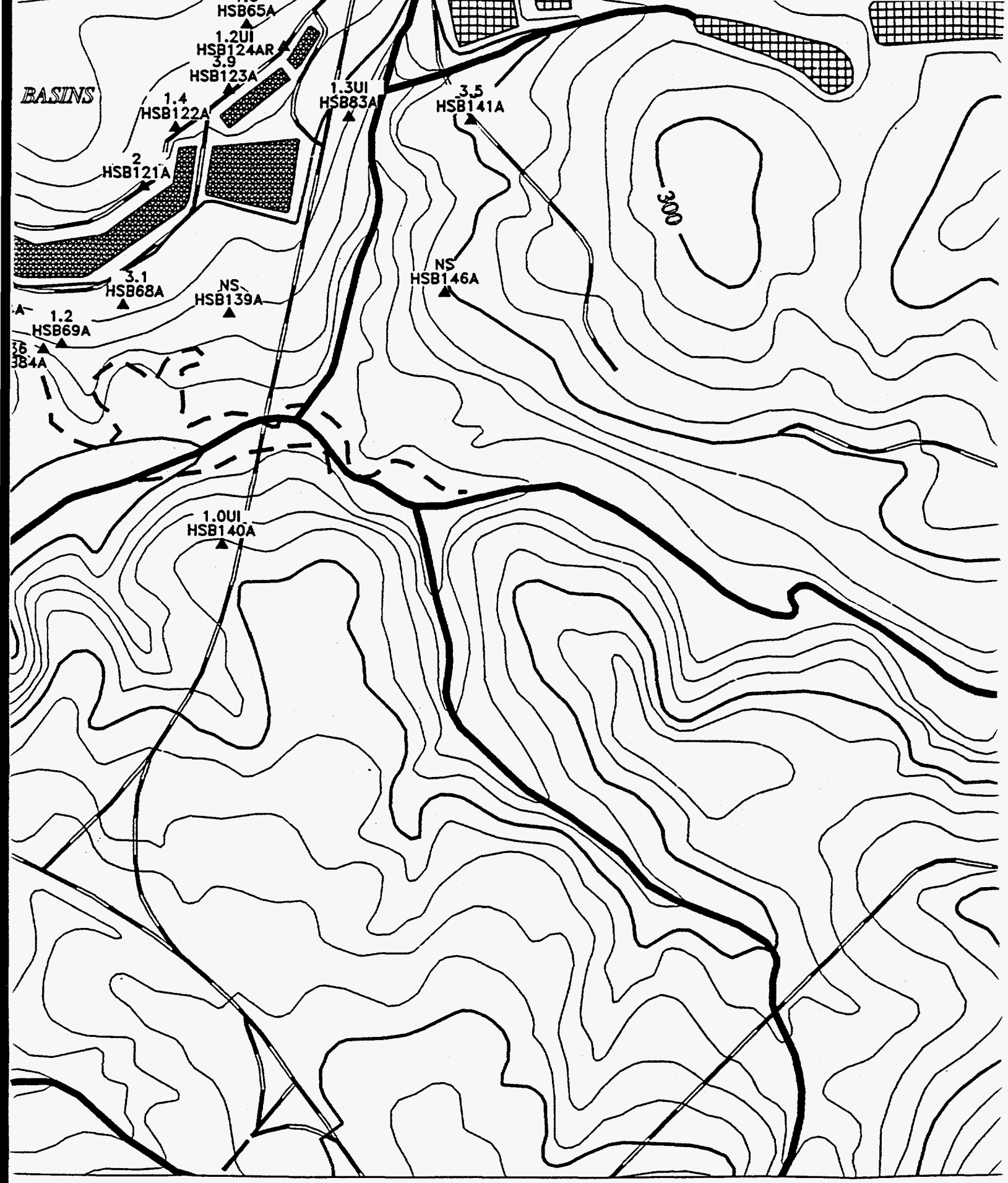
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

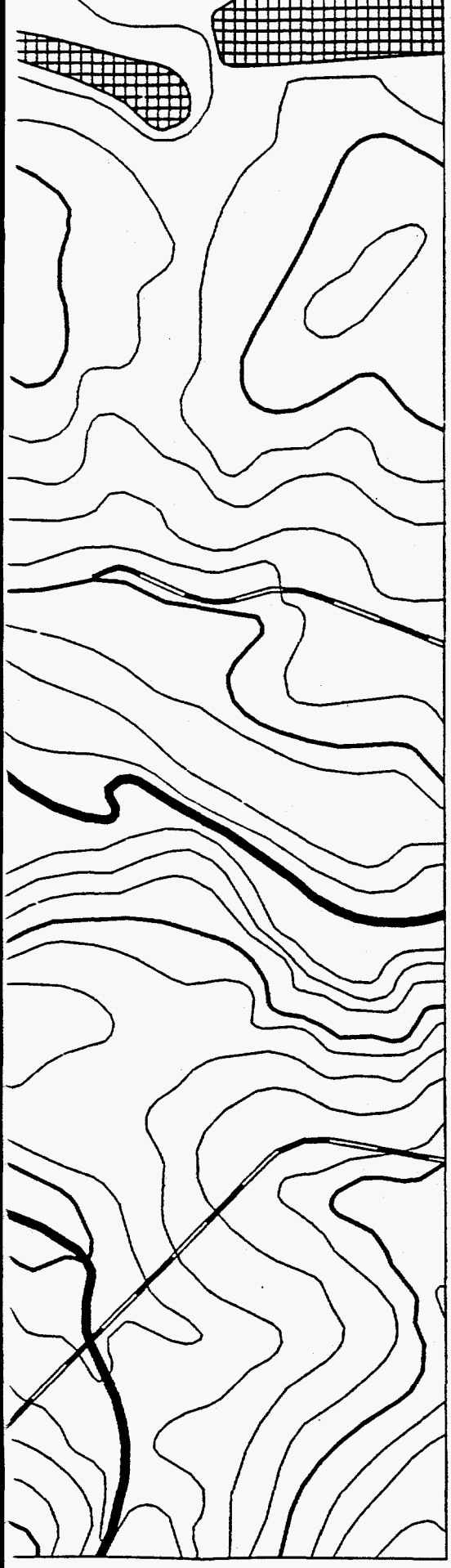
-81.690 -81.638

33.304 33.305


300
300
F-AREA
SEEPAGE BASINS
ROAD C
250
2.3
FSB76A
1.0UI
FSB76B
4
FSB101A
2.6
FSB100A
1.6
FSB114A
1.7
FSB99A
1.1UI
FSB87A
4.5
FSB87B
2
FSB98AR
3.8
FSB97A
3.9
FSB120A
1.1UI
FSB96AR
1.9
FSB78B
3.6
FSB78A
9.4
FSB113A
1.7
FSB79B
1.5
FSB79A
14
FSB112A
FOURMILE BRANCH


NS
BG050A
NS
BG047A
NS
BG049A
3.4
HSB120A
H-AREA
SEEPAGE BASINS
1.4
HSB122A
9.8
HSB119A
2
HSB121A
8.4
HSB118A
1.0UI
HSB86A
1.6UI
HSB117A
3.5
HSB144A
3.1
HSB68A
1.2
HSB69A
36
HSB84A
200
250
250


HSB65A
1.2UI
HSB124AR
3.9
HSB123A
BASINS
1.4
HSB122A
1.3UI
HSB83A
3.5
HSB141A
2
HSB121A
300
NS
HSB146A
3.1
HSB68A
NS
HSB139A
1.2
HSB69A
1.0UI
HSB140A



LATITUDE-
LONGITUDE

33.261 33.261

-81.690 -81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

CONGAREE

CONSTITUENT:

NONVOLATILE BETA

GWPS = 50 pCi/L

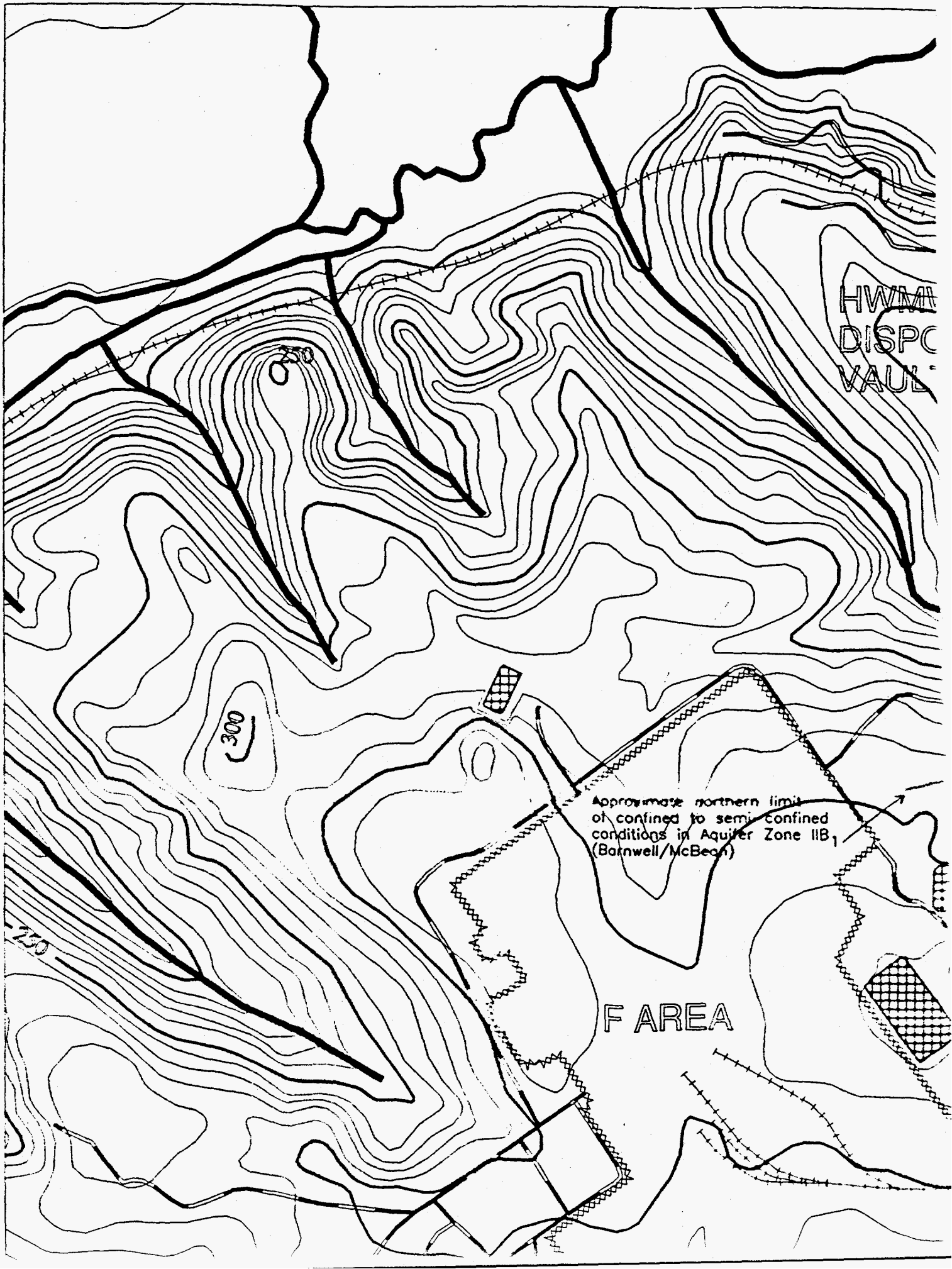
"NS" = Not Sampled

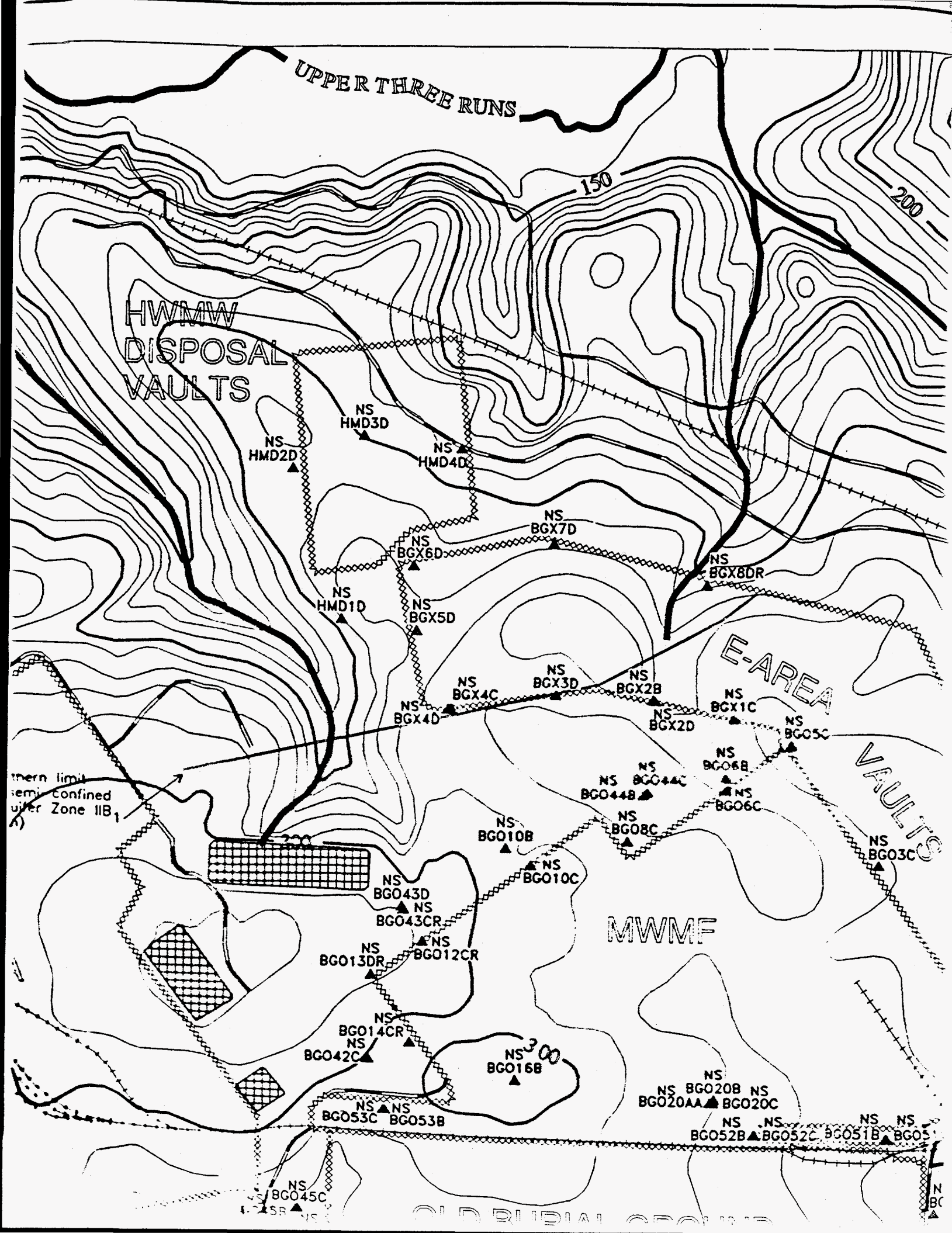
"NA" = Not Analyzed

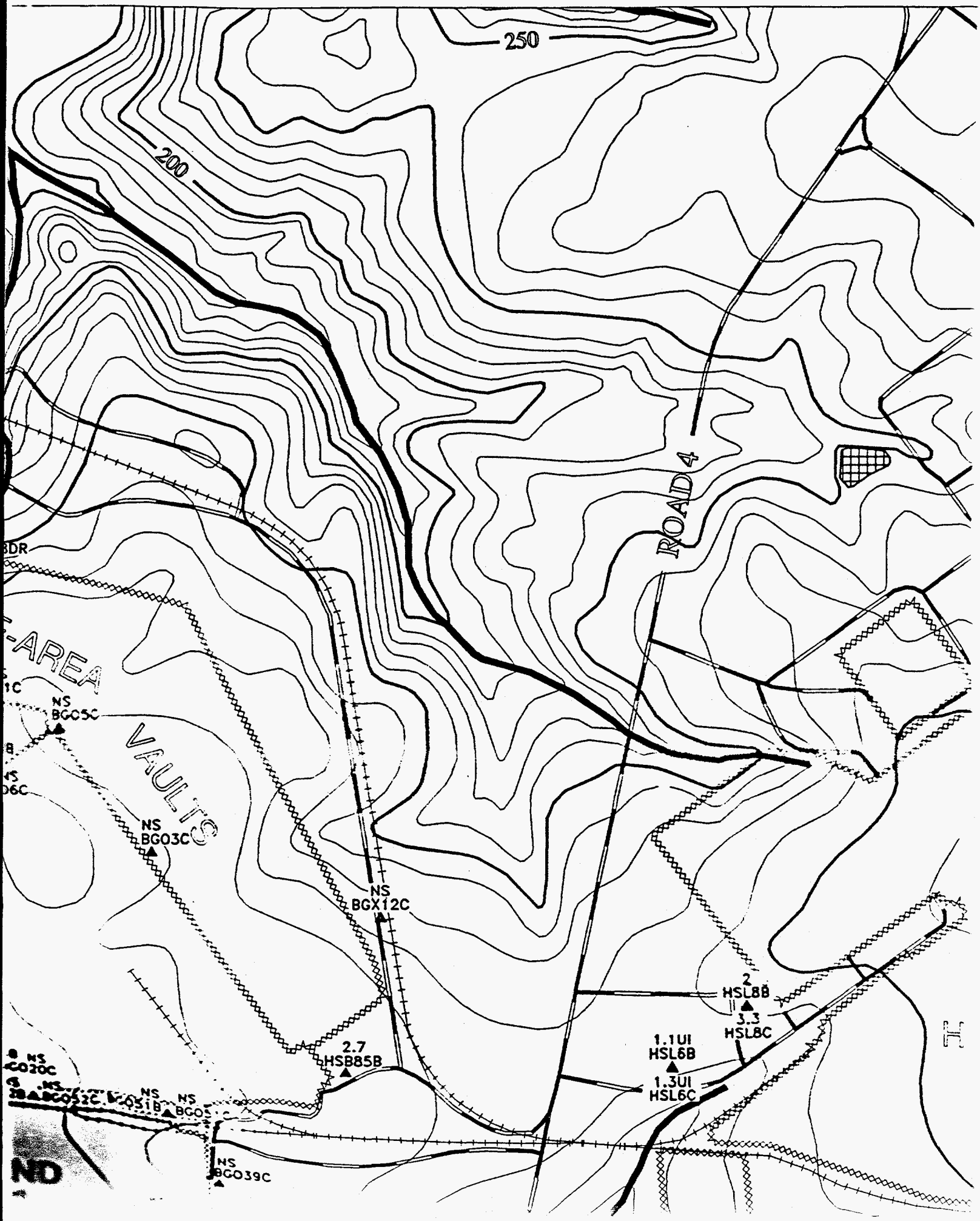
"*" = Wells Not Used to Contour

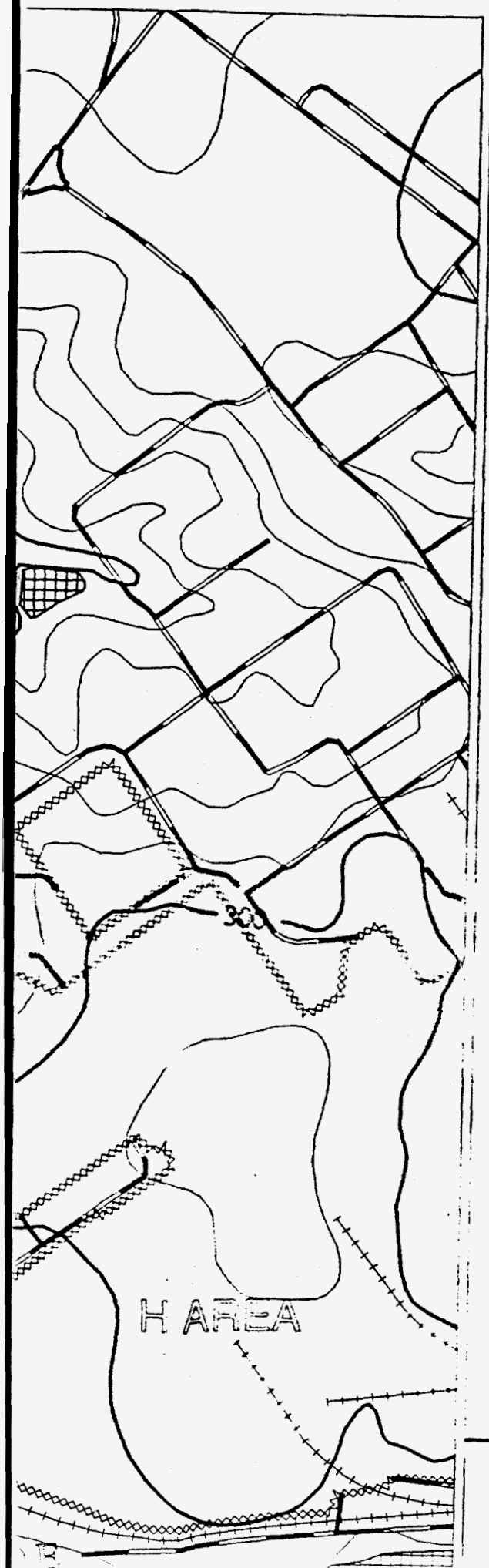
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 50, 1000, 2000 pCi/L


250
300
Approximate northern limit of confined to semi-confined conditions in Aquifer Zone IIB1 (Barnwell/McBean)
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
NS HMD3D
NS HMD2D
NS HMD4D
NS BGX7D
NS BGX6D
NS BGX8DR
NS HMD1D
NS BGX5D
E-AREA
VAULTS
NS BGX4C
NS BGX3D
NS BGX2B
NS BGX4D
NS BGX2D
NS BGX1C
NS BGO5C
NS BGO6B
NS BGO44C
NS BGO44B
NS BGO6C
NS BGO10B
NS BGO8C
NS BGO3C
NS BGO10C
NS BGO43D
NS BGO43CR
MWMF
NS BGO12CR
NS BGO13DR
NS BGO14CR
NS BGO42C
300
NS BGO16B
NS BGO20B
NS BGO20AA
NS BGO20C
NS BGO53C
NS BGO53B
NS BGO52B
NS BGO52C
NS BGO51B
NS BGO45C
thern limit
semi-confined
uifer Zone IIB1
A)


250
200
ROAD 4
-AREA
VAULTS
NS
BGO5C
NS
BGO3C
NS
BGX12C
2
HSL8B
3.3
HSL8C
1.1UI
HSL6B
1.3UI
HSL6C
2.7
HSB85B
NS
BGO39C
ND



REFERENCE DOCUMENT

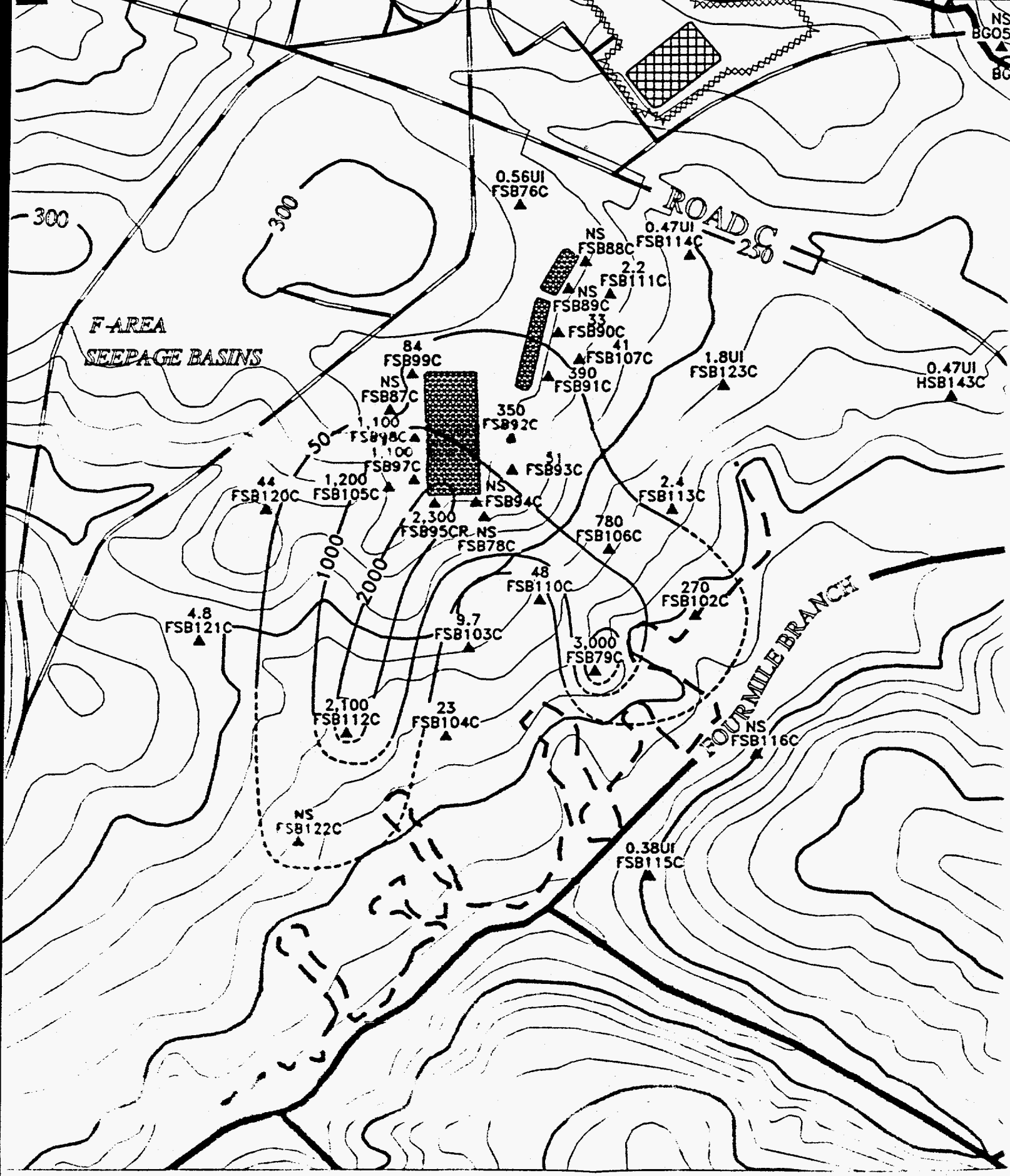
WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

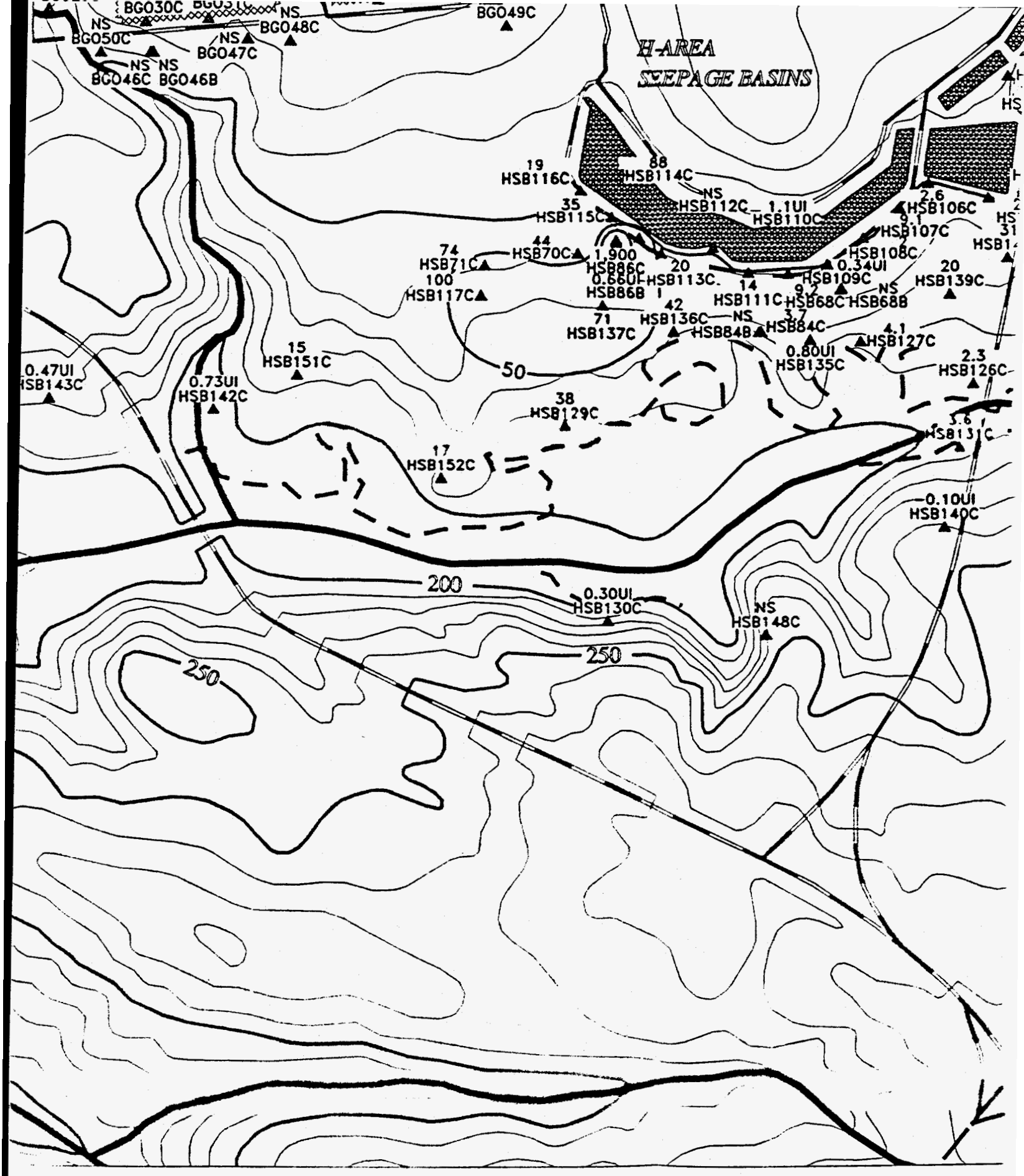
LEGEND

- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

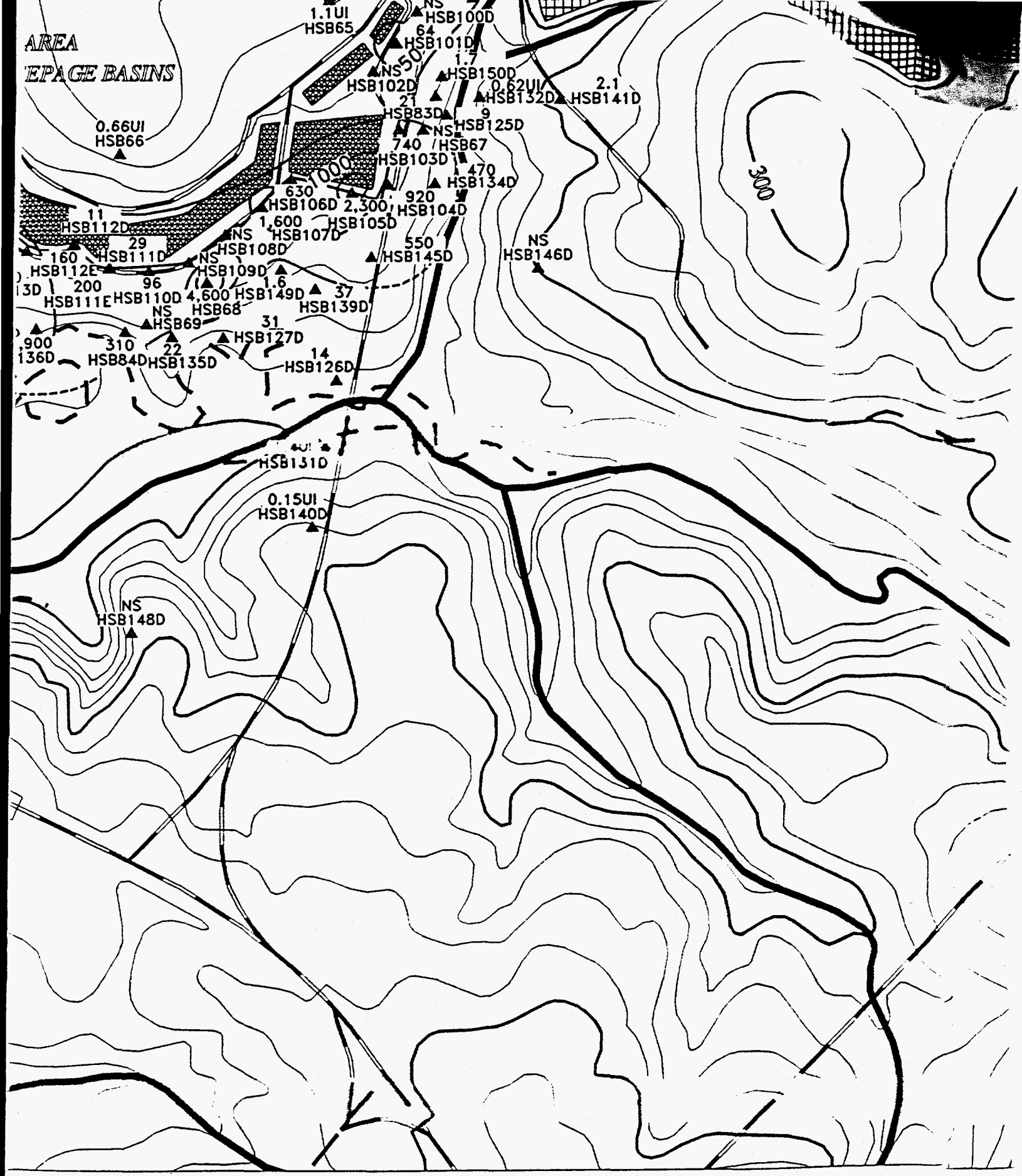
-81.690 -81.638

33 304


F-AREA
SEEPAGE BASINS
ROAD C
FOUR MILE BRANCH
300
250
50
1000
2000
0.56UI
FSB76C
NS
FSB88C
0.47UI
FSB114C
2.2
FSB111C
NS
FSB89C
33
FSB90C
41
FSB107C
390
FSB91C
1.8UI
FSB123C
0.47UI
HSB143C
84
FSB99C
NS
FSB87C
1,100
FSB98C
1,100
FSB97C
350
FSB92C
51
FSB93C
44
FSB120C
1,200
FSB105C
NS
FSB94C
2,300
FSB95CR
NS
FSB78C
780
FSB106C
2.4
FSB113C
48
FSB110C
270
FSB102C
4.8
FSB121C
9.7
FSB103C
3,000
FSB79C
2,100
FSB112C
23
FSB104C
NS
FSB116C
NS
FSB122C
0.38UI
FSB115C


H-AREA
SEEPAGE BASINS
BG030C
NS
BG050C
NS
BG048C
NS
BG047C
NS
BG046C
NS
BG046B
BG049C
19
HSB116C
88
HSB114C
NS
HSB112C
1.1UI
HSB110C
35
HSB115C
2.6
HSB106C
9.1
HSB107C
HSB108C
0.34UI
HSB109C
20
HSB139C
74
HSB71C
44
HSB70C
1,900
HSB86C
0.66UI
HSB86B
20
HSB113C
14
HSB111C
9.2
HSB68C
NS
HSB68B
100
HSB117C
42
HSB136C
NS
HSB84B
3.7
HSB84C
71
HSB137C
4.1
HSB127C
0.80UI
HSB135C
2.3
HSB126C
15
HSB151C
0.47UI
HSB143C
0.73UI
HSB142C
50
38
HSB129C
3.6
HSB131C
17
HSB152C
0.10UI
HSB140C
200
0.30UI
HSB130C
NS
HSB148C
250
250

H-AREA
SEEPAGE BASINS
NS BGO50D
NS BGO46D
NS BGO47D
NS BGO48D
NS BGO49D
NS FSS1D
NS FSS2D
NS FSS3D
NS HSB147D
0.66UI HSB66
NS HSB116D
3,200 HSB115D
NS HSB138D
1.5UI HSB71
1,200 HSB86D
11 HSB112D
15 HSB70
1,300 HSB114D
29 HSB111D
160 HSB112E
1,500 HSB113D
200 HSB111E
96 HSB110D
4,600
NS HSB69
1.4UI HSB117D
63 HSB137D
1,900 HSB136D
310 HSB84D
22 HSB135D
2.5 HSB151D
0.51UI HSB143D
1.1UI HSB142D
25 HSB129D
HSB152D
1000
50
200
250
0.91UL HSB130D
NS HSB148D
BRANCH


AREA
EPAGE BASINS
1.1UI
HSB65
NS
HSB100D
64
HSB101D
1.7
HSB150D
NS
HSB102D
0.62UI
HSB132D
2.1
HSB141D
21
HSB83D
9
HSB125D
0.66UI
HSB66
NS
740
HSB67
HSB103D
470
HSB134D
1000
630
HSB106D
2,300
920
HSB104D
11
HSB112D
1,600
HSB105D
NS
HSB107D
29
160
HSB111D
NS
HSB108D
550
HSB145D
NS
HSB146D
HSB112E
NS
HSB109D
1.6
3D
200
96
HSB111E
HSB110D
4,600
HSB149D
37
HSB139D
NS
HSB68
HSB69
31
HSB127D
,900
310
22
136D
HSB84D
HSB135D
14
HSB126D
HSB131D
0.15UI
HSB140D
NS
HSB148D
300

LONGITUDE

33.261 33.261

-81.690 -81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

WATER TABLE

CONSTITUENT:

NONVOLATILE BETA

GWPS = 50 pCi/L

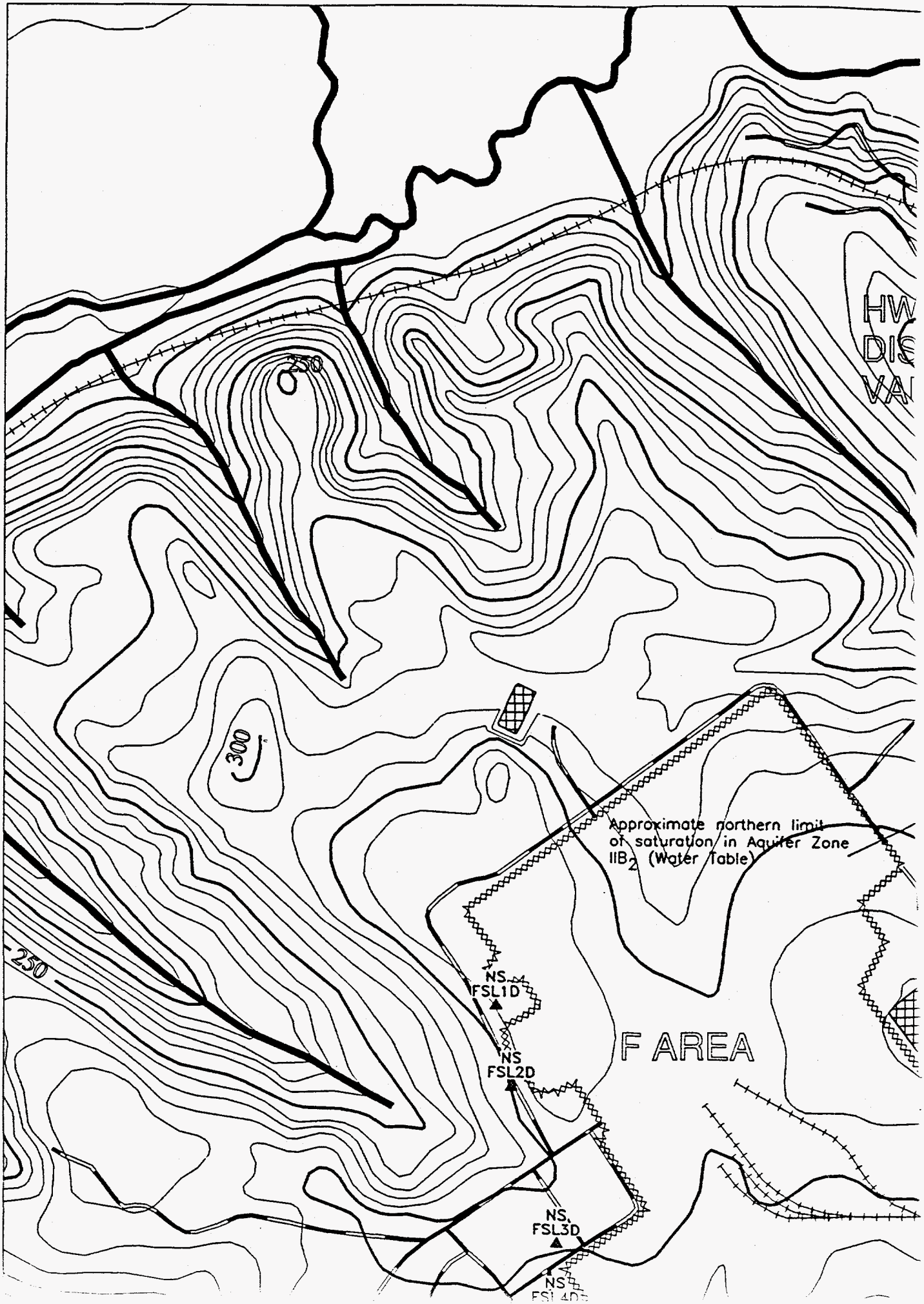
"NS" = Not Sampled

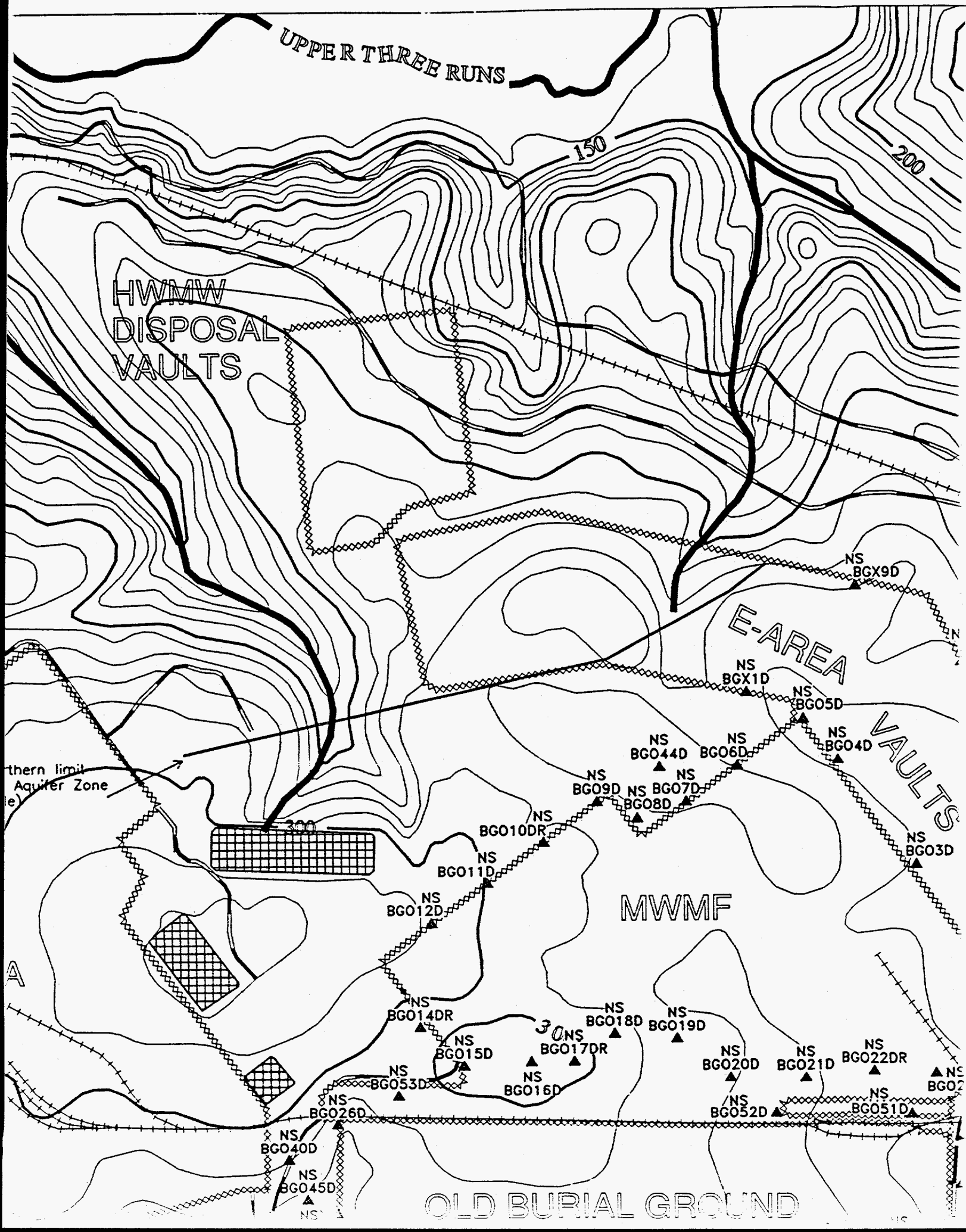
"NA" = Not Analyzed

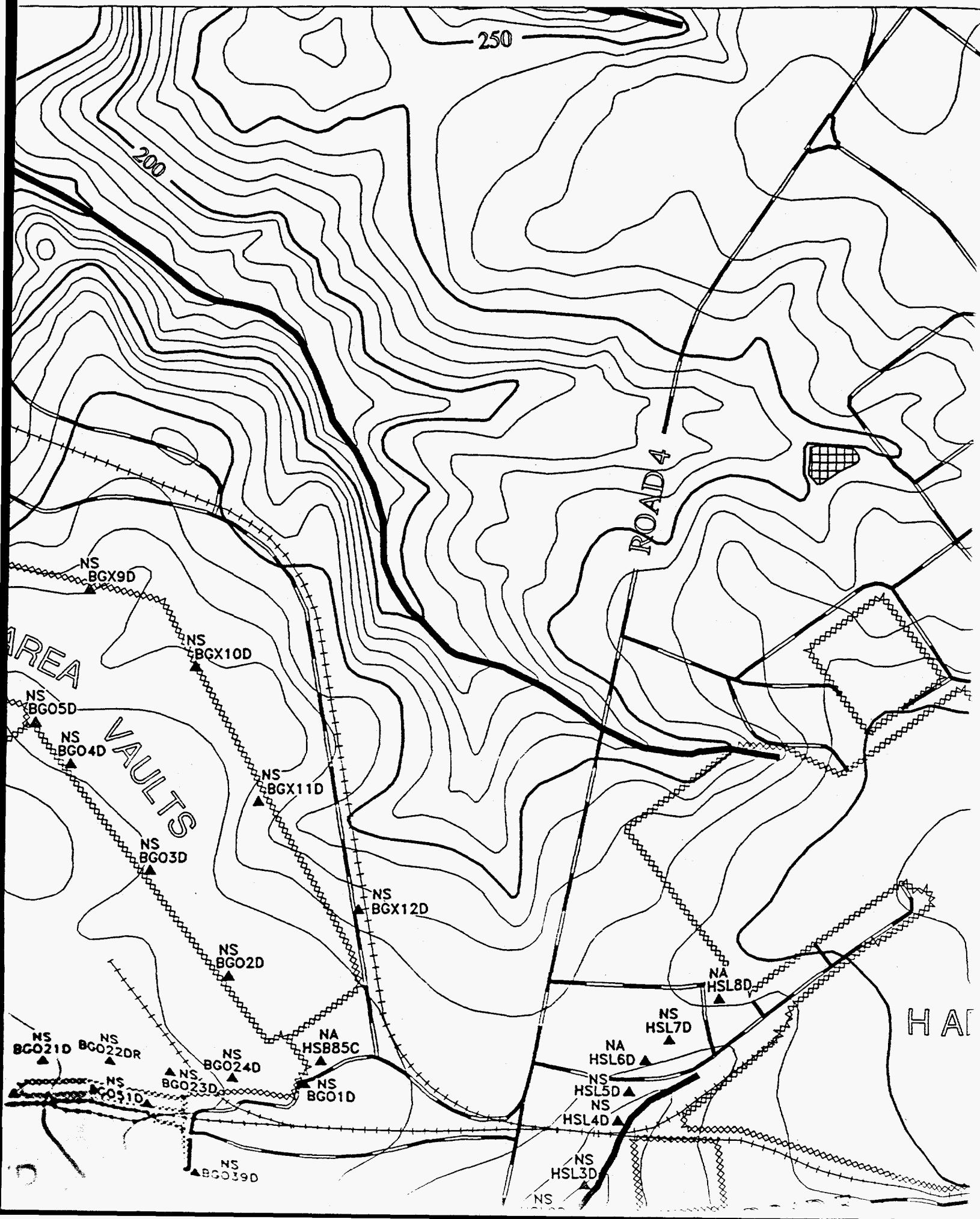
"*" = Wells Not Used to Contour

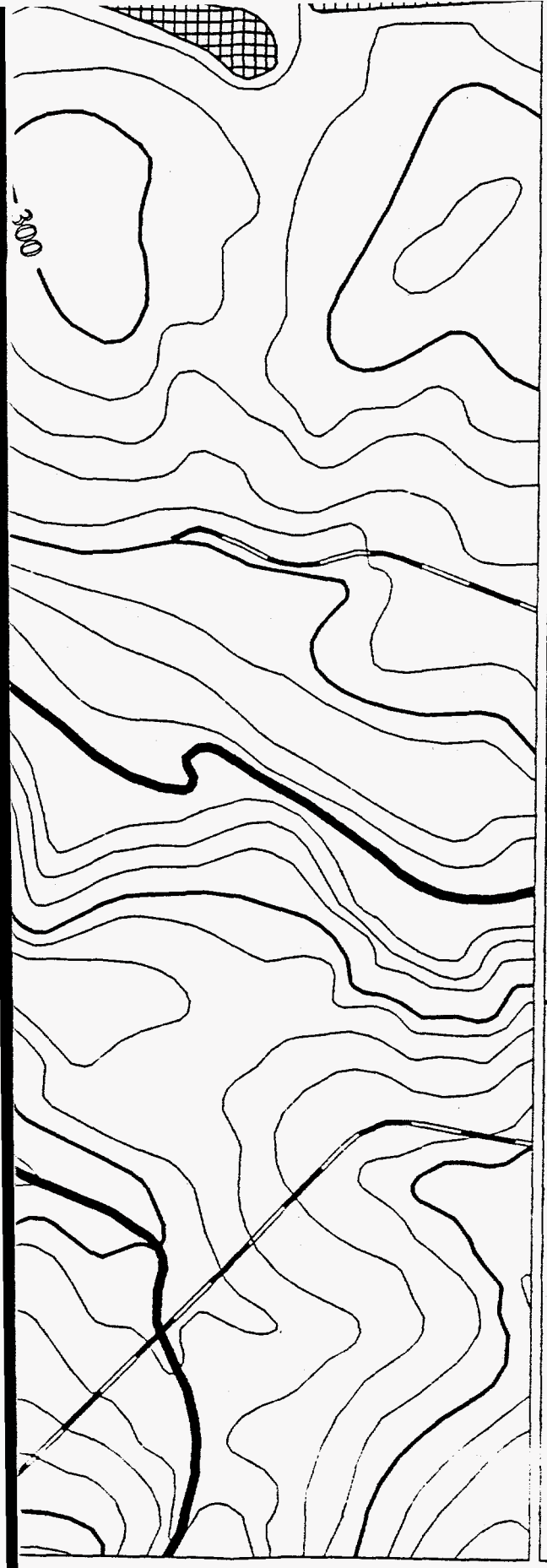
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 50, 1000, 2000 pCi/L


250
300
250
Approximate northern limit of saturation in Aquifer Zone IIB2 (Water Table)
NS FSL1D
NS FSL2D
NS FSL3D
NS FSL4D
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
NS BGX9D
E-AREA
VAULTS
NS BGX1D
NS BG05D
NS BG044D
NS BG06D
NS BG04D
NS BG09D
NS BG07D
NS BG08D
NS BG10DR
NS BG03D
NS BG11D
NS BG12D
MWMF
NS BG14DR
NS BG18D
NS BG19D
NS BG15D
NS BG17DR
NS BG16D
NS BG20D
NS BG21D
NS BG22DR
NS BG53D
NS BG26D
NS BG52D
NS BG51D
NS BG40D
NS BG45D
OLD BURIAL GROUND


250
200
ROAD 4
AREA
VAULTS
NS BGX9D
NS BGX10D
NS BGO5D
NS BGO4D
NS BGX11D
NS BGO3D
NS BGX12D
NS BGO2D
NA HSL8D
NS HSL7D
NA HSB85C
NA HSL6D
NS BGO21D
NS BGO22DR
NS BGO24D
NS BGO23D
NS BGO1D
NS HSL5D
NS HSL4D
NS BGO19D
NS HSL3D
NS



LONGITUDE

33.261 33.261

-81.690 -81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

WATER TABLE

CONSTITUENT:

TECHNETIUM 99

GWPS = 50 pCi/L

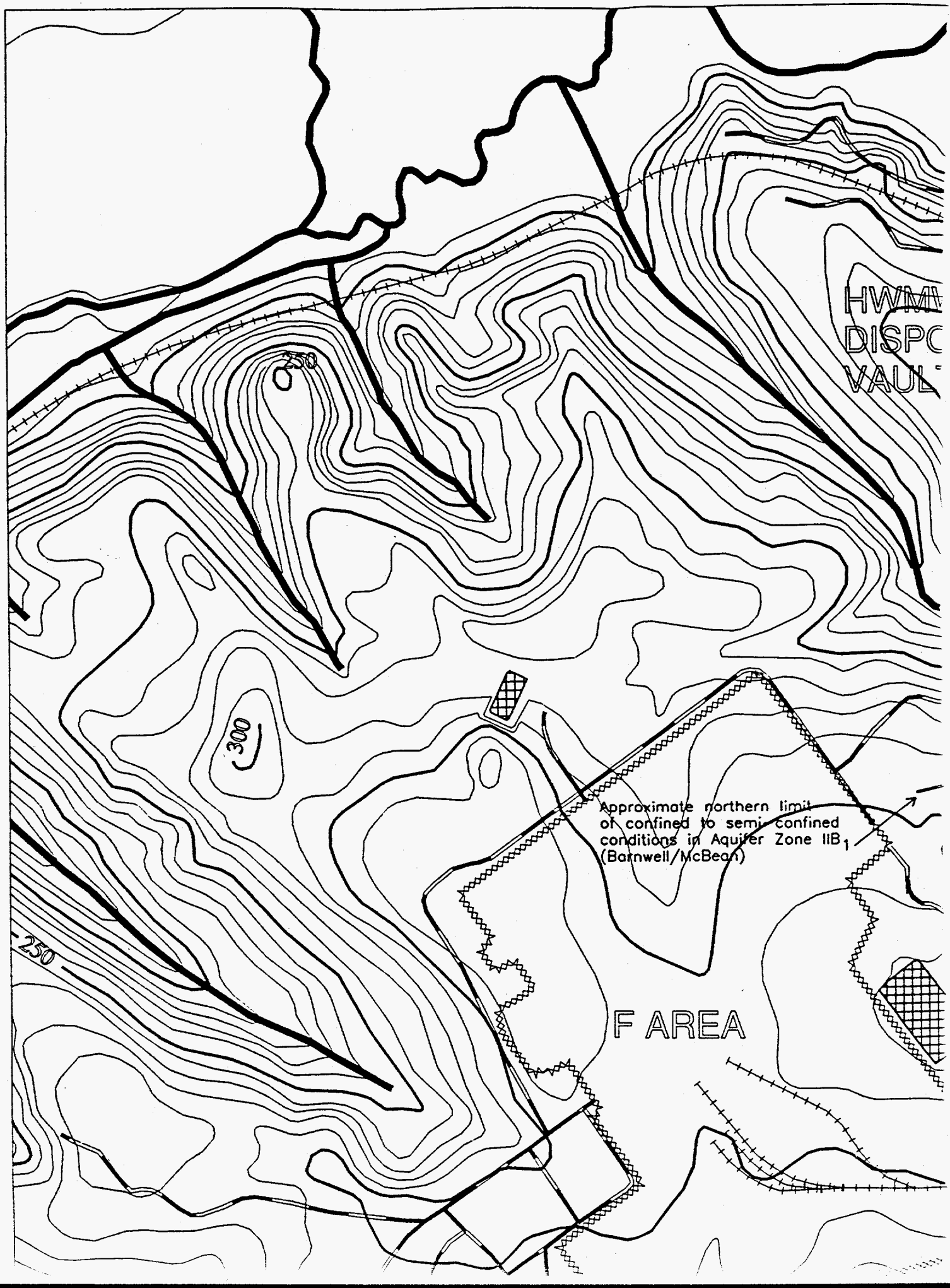
"NS" = Not Sampled

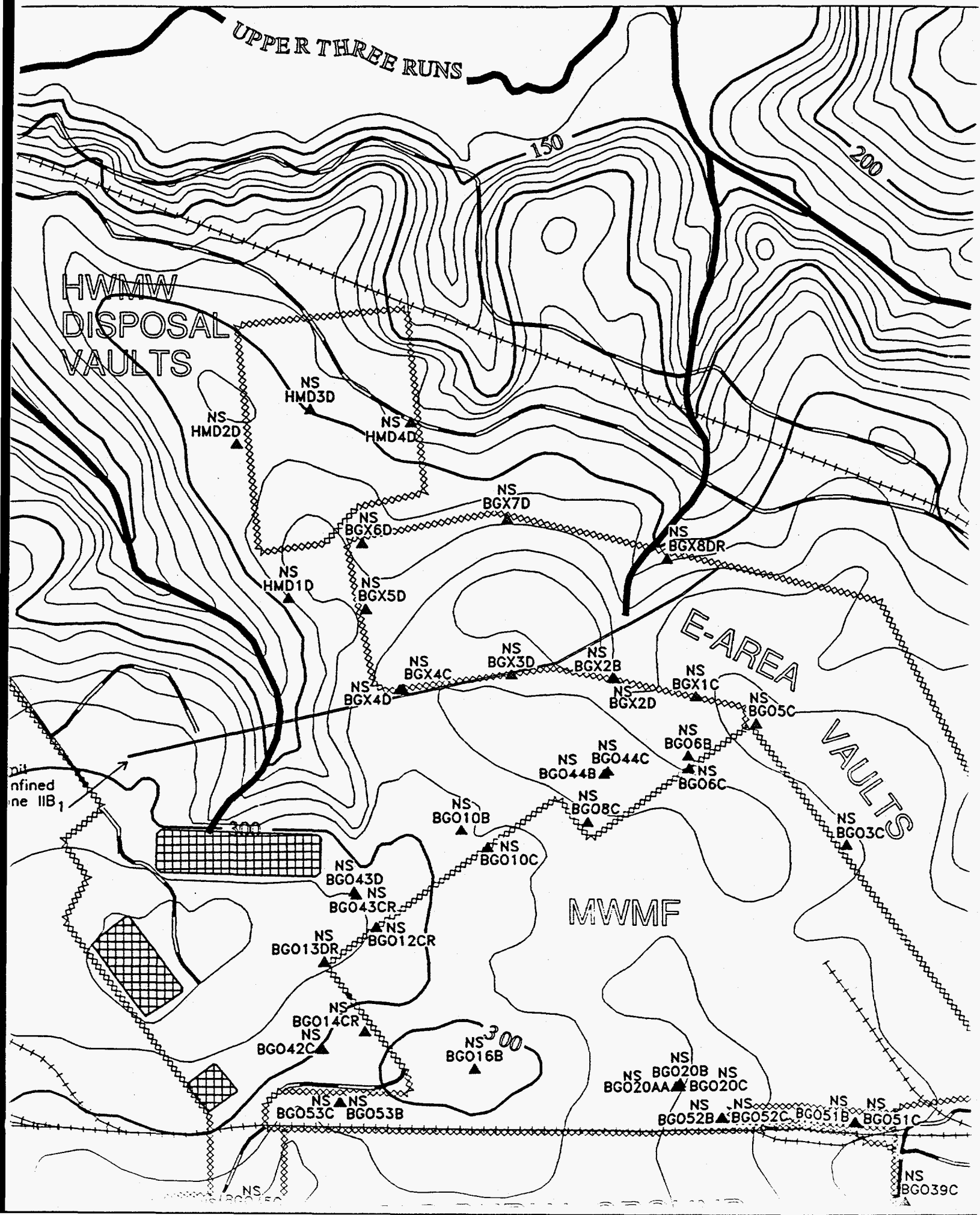
"NA" = Not Analyzed

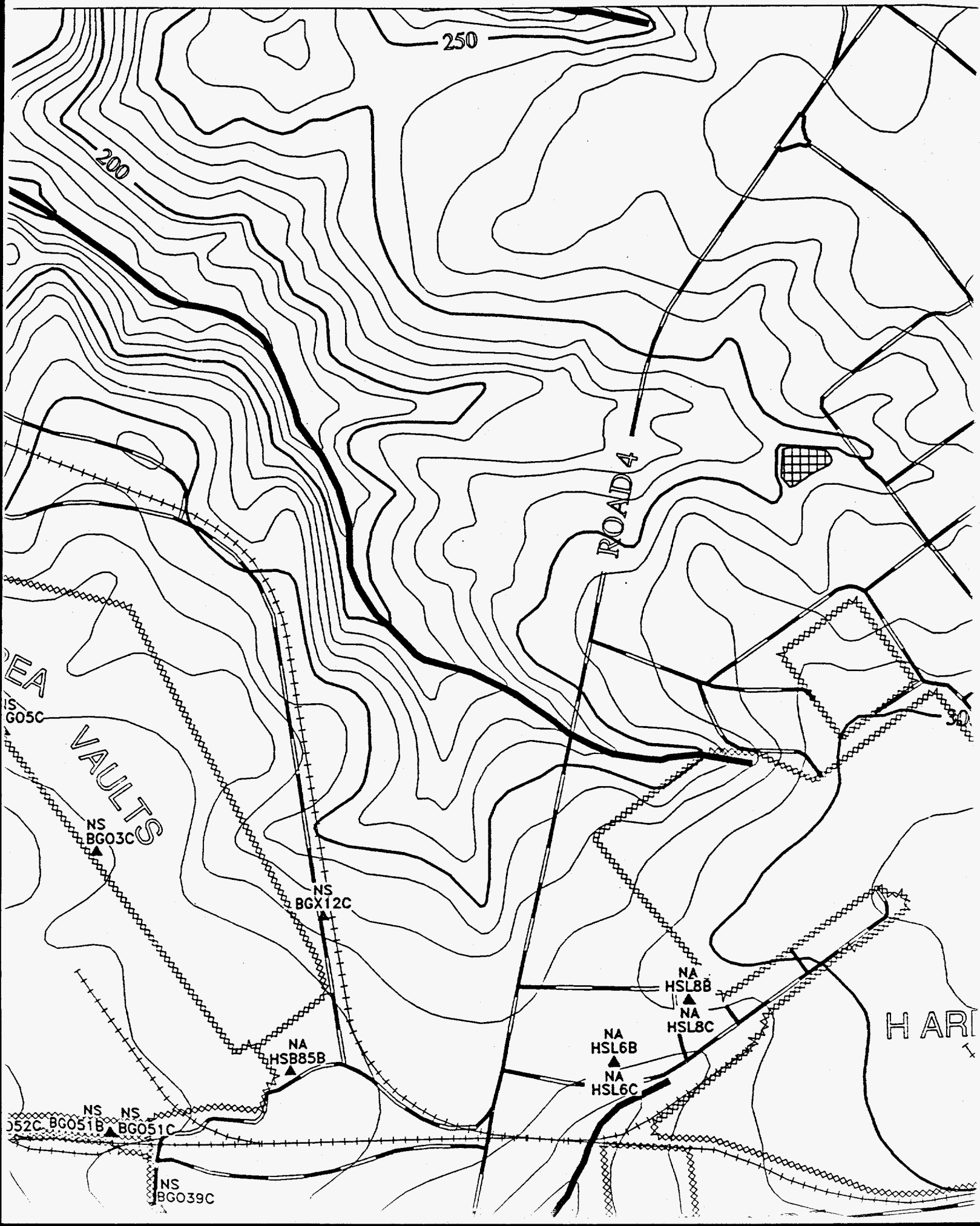
"*" = Wells Not Used to Contour

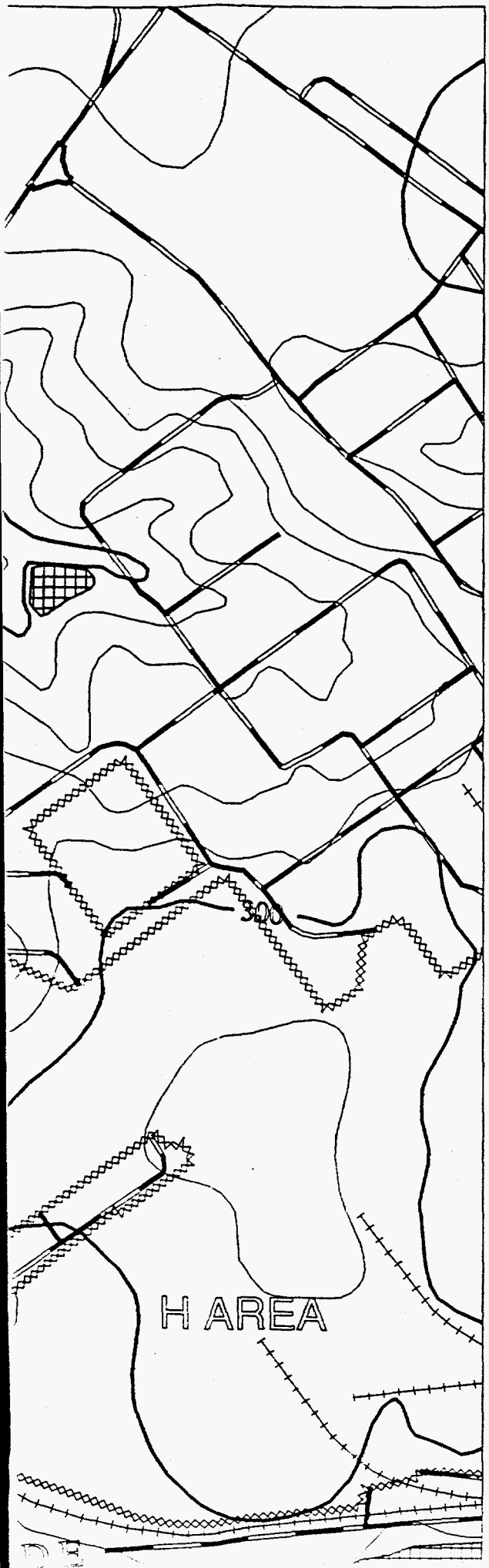
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 50, 150, 300 pCi/L


HWM
DISPC
VAUL
250
300
250
Approximate northern limit of confined to semi-confined conditions in Aquifer Zone IIB_1 (Barnwell/McBean)
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
NS HMD3D
NS HMD2D
NS HMD4D
NS BGX7D
NS BGX6D
NS BGX8DR
NS HMD1D
NS BGX5D
E-AREA
VAULTS
NS BGX4C
NS BGX3D
NS BGX2B
NS BGX4D
NS BGX2D
NS BGX1C
NS BG05C
NS BG06B
NS BG044C
NS BG044B
NS BG06C
NS BG08C
NS BG010B
NS BG03C
NS BG010C
NS BG043D
NS BG043CR
MWMF
NS BG012CR
NS BG013DR
NS BG014CR
NS BG042C
NS BG016B
NS BG020B
NS BG020AA
NS BG020C
NS BG053C
NS BG053B
NS BG052B
NS BG052C
NS BG051B
NS BG051C
NS BG039C


250
200
ROAD 4
VAULTS
NS
BGO3C
NS
BGX12C
NA
HSB85B
NA
HSL8B
NA
HSL8C
NA
HSL6B
NA
HSL6C
NS
BGO51B
NS
BGO51C
NS
BGO39C



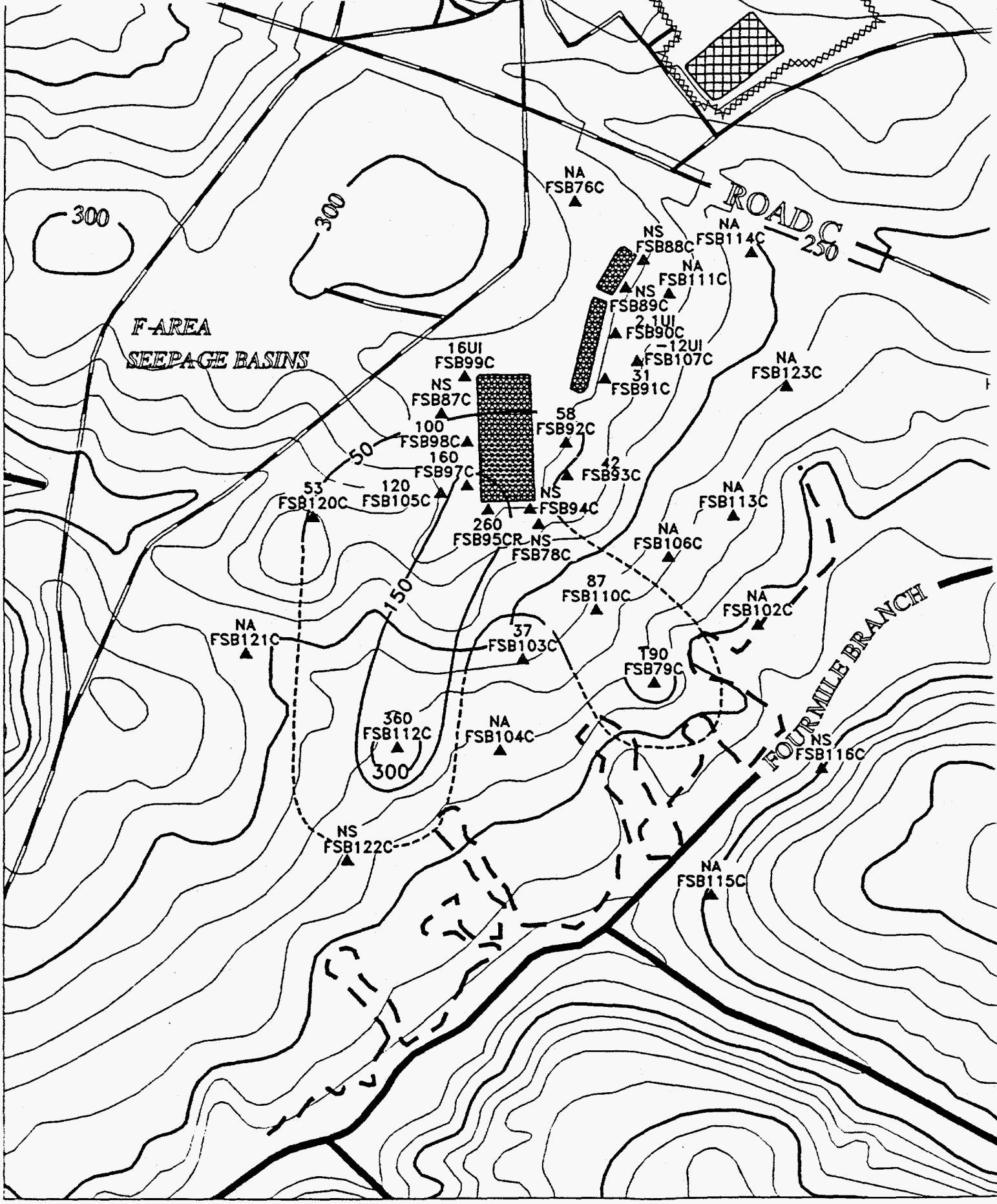
REFERENCE DOCUMENT

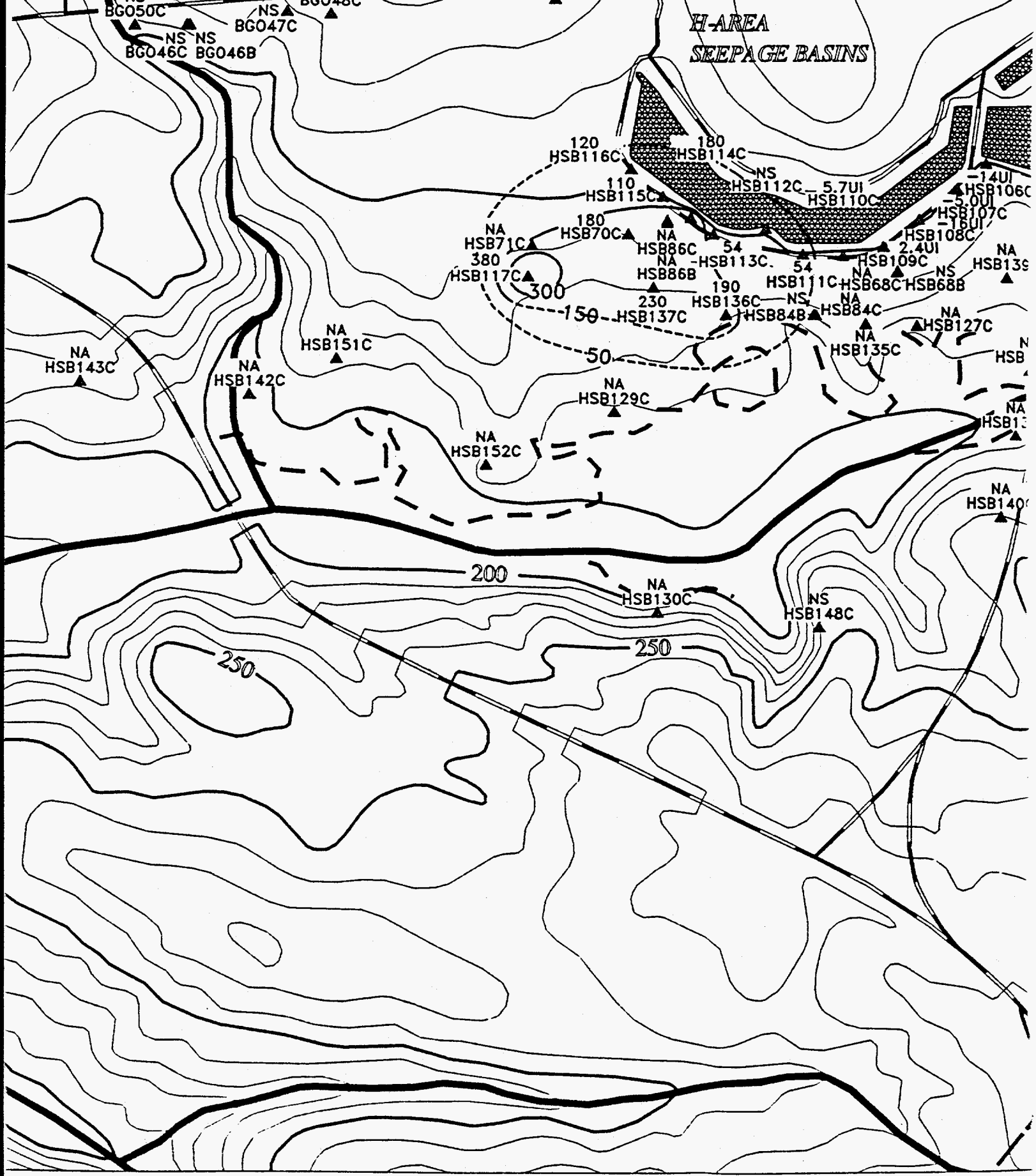
WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

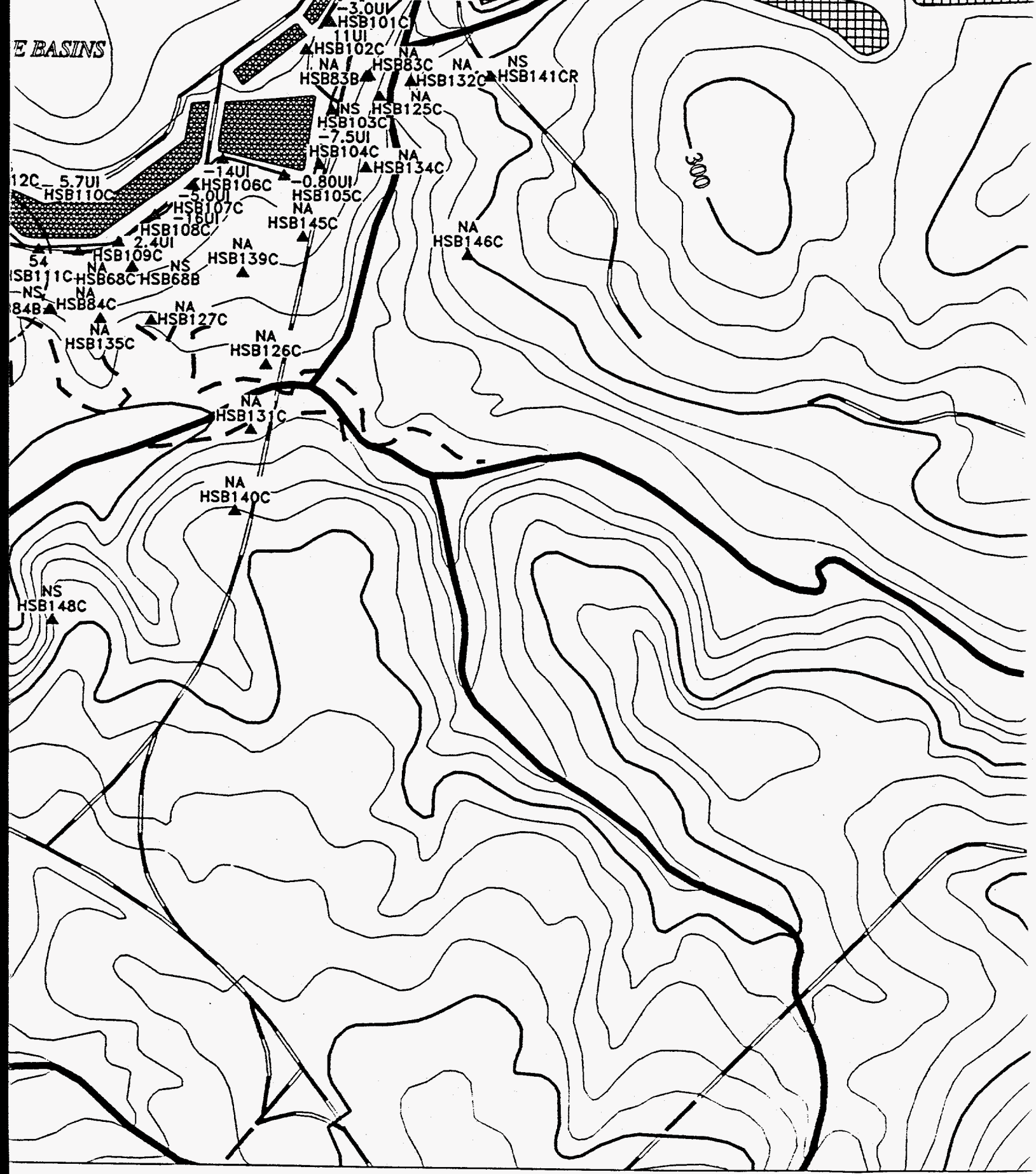
LEGEND

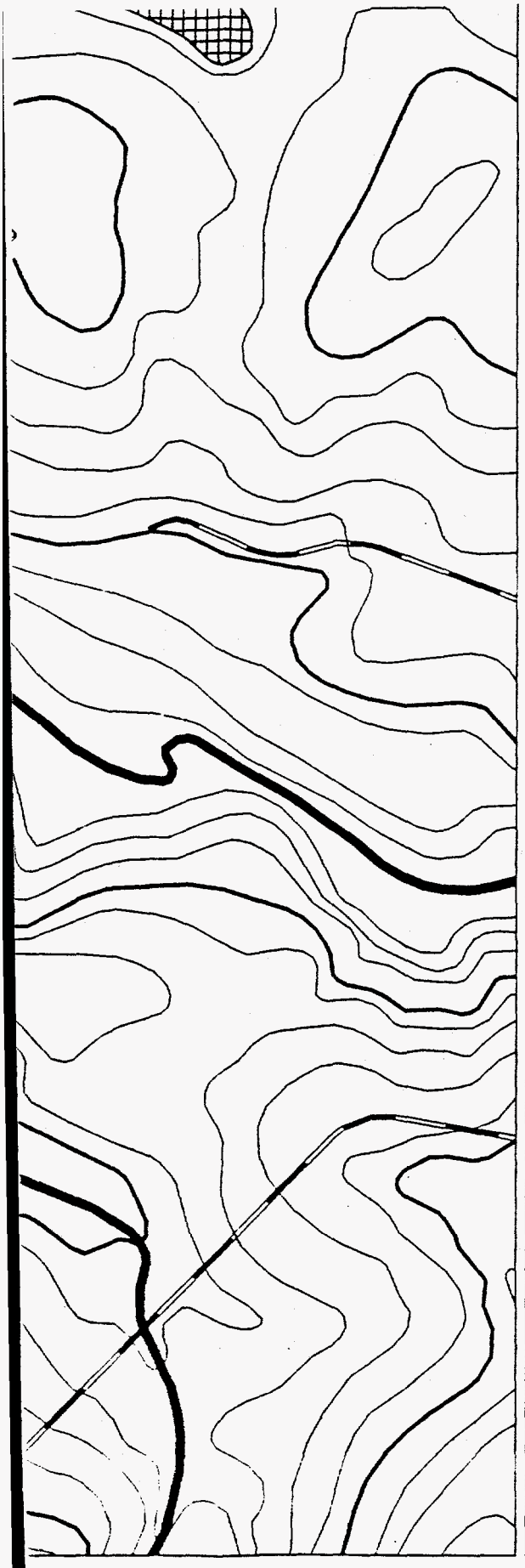
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

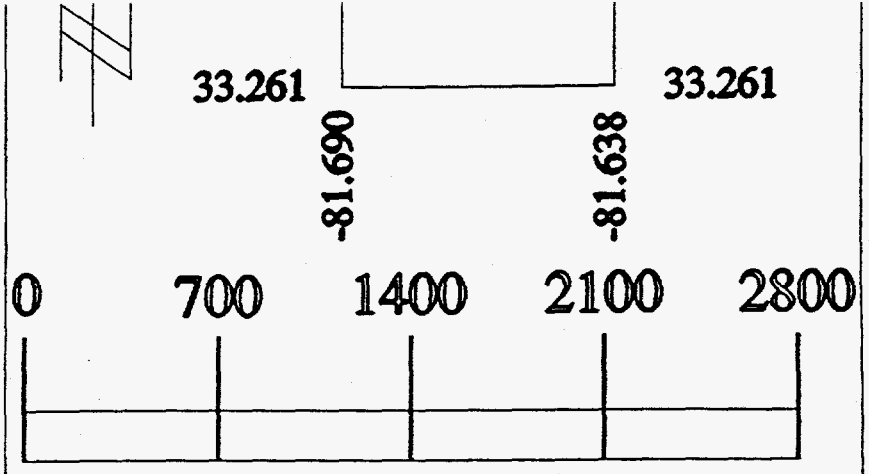
-81.690 -81.638


F-AREA
SEEPAGE BASINS
ROAD C
FOUR MILE BRANCH
300
300
250
50
150
NA FSB76C
NS FSB88C
NA FSB114C
NA FSB111C
NS FSB89C
2 1UI FSB90C
12UI FSB107C
31 FSB91C
NA FSB123C
16UI FSB99C
NS FSB87C
58 FSB92C
100 FSB98C
160 FSB97C
42 FSB93C
53 FSB120C
120 FSB105C
NS FSB94C
260 FSB95CR
NS FSB78C
NA FSB113C
NA FSB106C
87 FSB110C
NA FSB102C
NA FSB121C
37 FSB103C
T90 FSB79C
360 FSB112C
NA FSB104C
NS FSB116C
NS FSB122C
NA FSB115C


H-AREA
SEEPAGE BASINS
BG050C
NS
BG047C
NS
NS
BG046C
BG046B
120
HSB116C
180
HSB114C
NS
HSB112C
5.7UI
110
HSB115C
HSB110C
-14UI
HSB106C
-5.0UI
HSB107C
-16UI
180
HSB70C
NA
HSB71C
NA
HSB86C
54
2.4UI
HSB108C
380
HSB117C
NA
HSB86B
HSB113C
54
HSB109C
NA
HSB139
NA
HSB111C
NA
HSB68C
NS
HSB68B
300
190
230
HSB136C
NS
HSB137C
HSB84B
NA
HSB84C
NA
HSB127C
150
NA
HSB151C
NA
HSB135C
50
NA
HSB143C
NA
HSB142C
NA
HSB129C
NA
HSB152C
NA
HSB140
200
NA
HSB130C
NS
HSB148C
250
250


E BASINS
-3.0UI
HSB101C
11UI
HSB102C
NA
HSB83C
NA
HSB83B
NA
HSB132C
NS
HSB141CR
NA
NS
HSB125C
HSB103C
-7.5UI
HSB104C
NA
HSB134C
300
12C 5.7UI
HSB110C
-14UI
HSB106C
-0.80UI
HSB105C
-5.0UI
HSB107C
-16UI
NA
HSB145C
HSB108C
2.4UI
NA
HSB146C
54
HSB109C
NA
HSB139C
SB111C
NA
HSB68C
NS
HSB68B
NS
NA
84B
HSB84C
NA
HSB127C
NA
HSB135C
NA
HSB126C
NA
HSB131C
NA
HSB140C
NS
HSB148C





Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

BARNWELL/McBEAN

CONSTITUENT:

TECHNETIUM 99

GWPS = 50 pCi/L

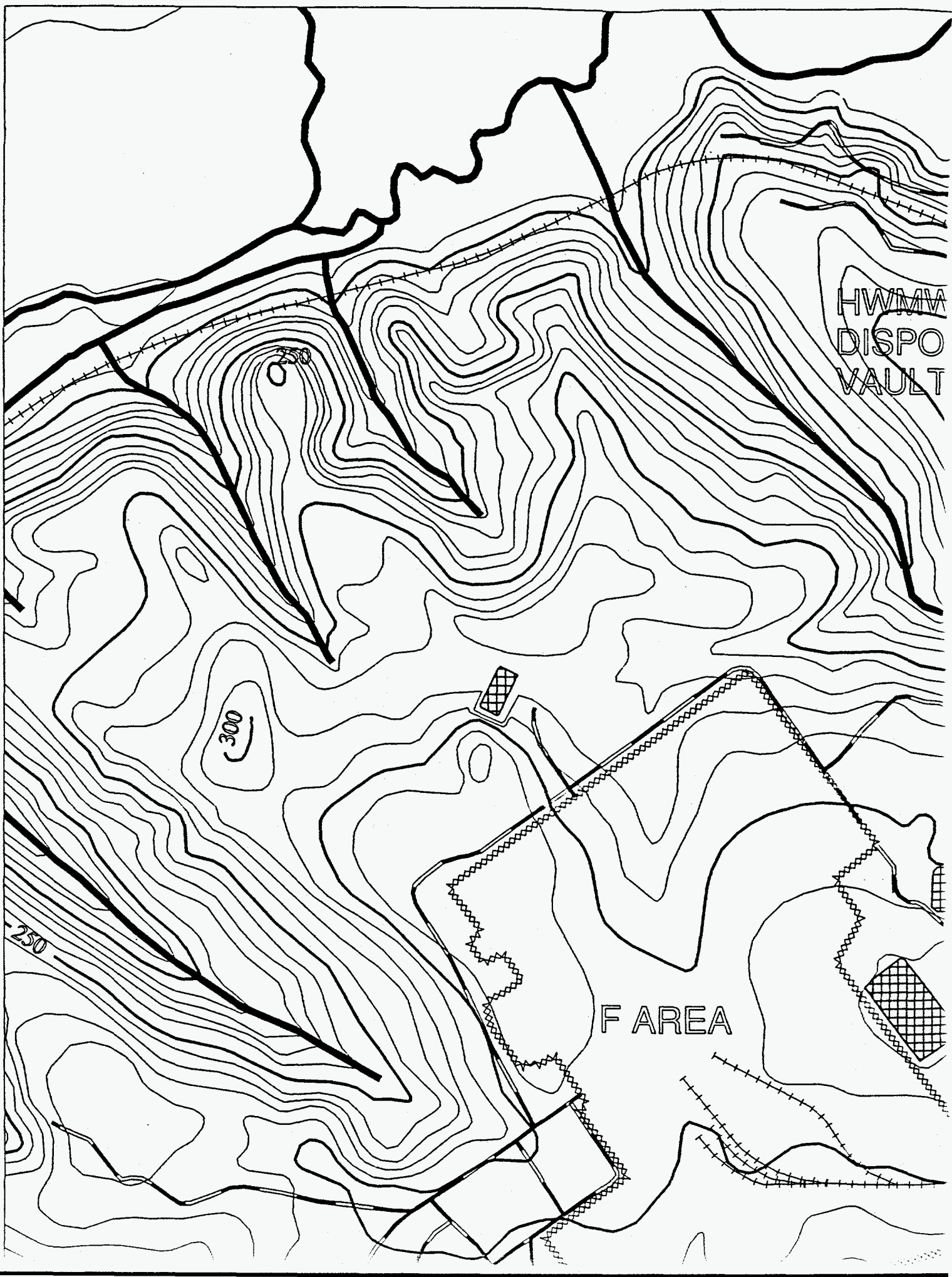
"NS" = Not Sampled

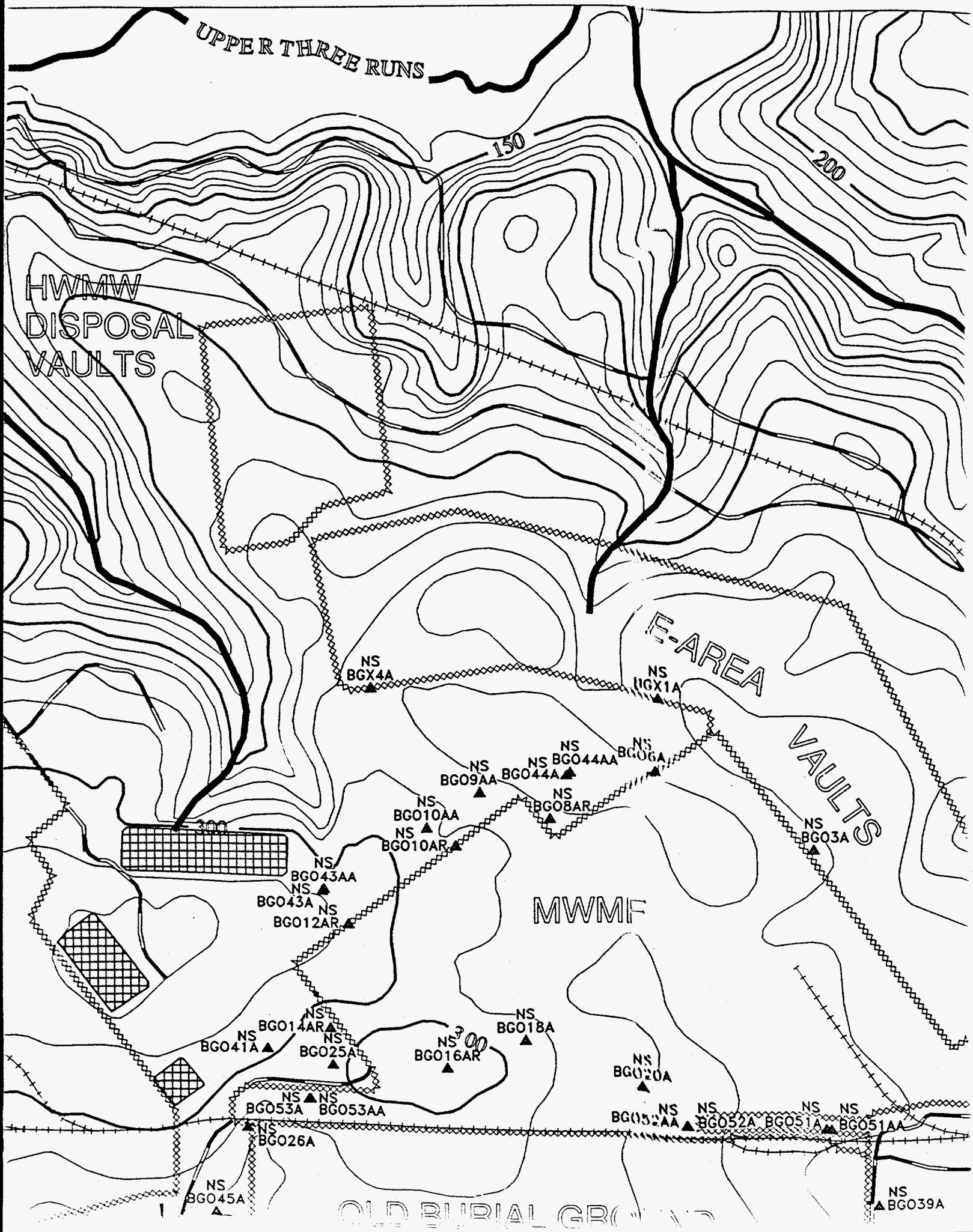
"NA" = Not Analyzed

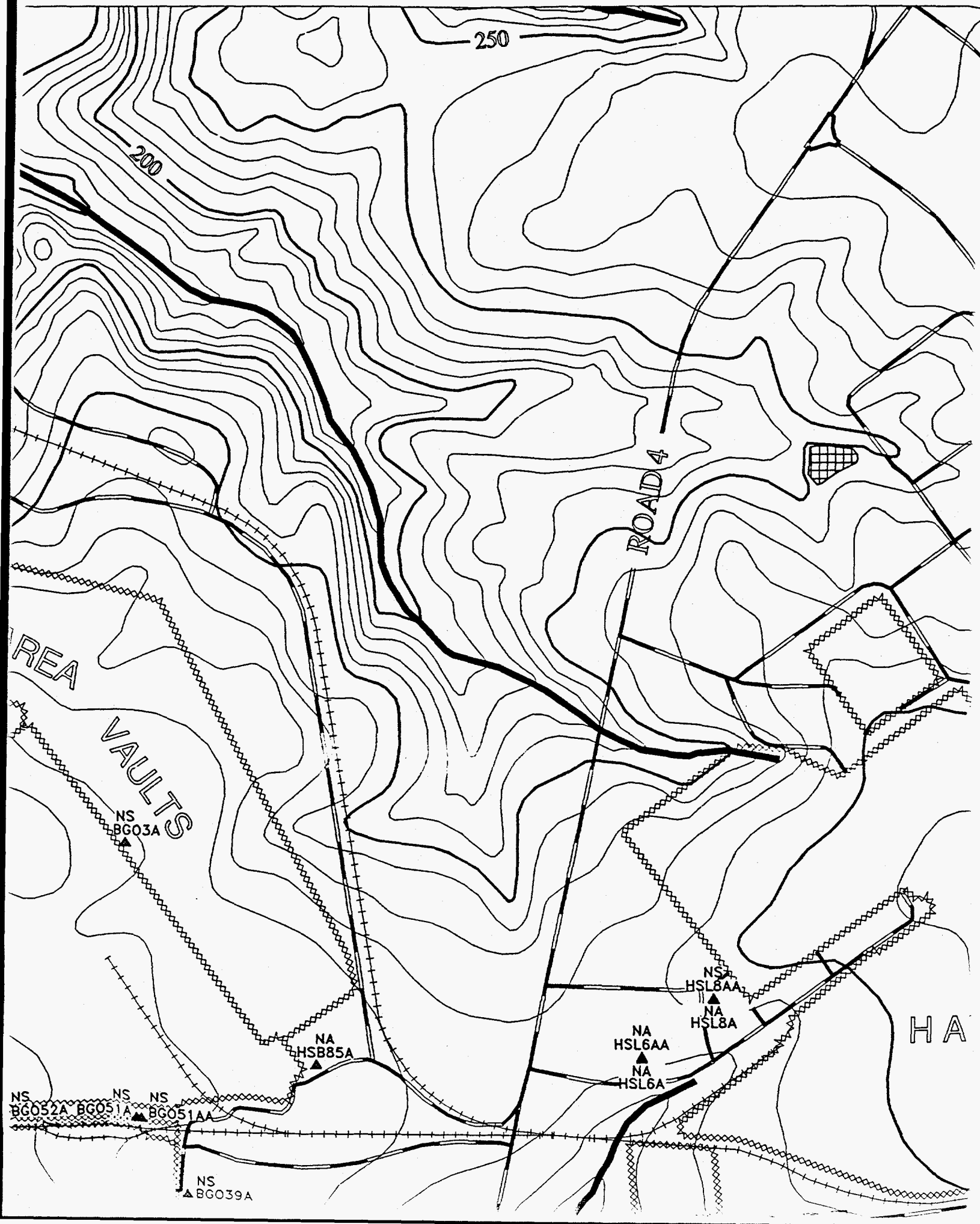
"*" = Wells Not Used to Contour

"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 50, 150, 300 pCi/L


HWMV
DISPO
VAULT
250
300
250
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
E-AREA
VAULTS
MWMF
300
NS BGX4A
NS BGX1A
NS BG044AA
NS BG044A
NS BG06A
NS BG09AA
NS BG08AR
NS BG10AA
NS BG10AR
NS BG03A
NS BG043AA
NS BG043A
NS BG12AR
NS BG014AR
NS BG018A
NS BG041A
NS BG025A
NS BG016AR
NS BG020A
NS BG053A
NS BG053AA
NS BG052AA
NS BG052A
NS BG051A
NS BG051AA
NS BG026A
NS BG045A
NS BG039A
OLD BURIAL GROUND


250
200
ROAD 4
REA
VAULTS
NS
BG03A
NS
HSL8AA
NA
HSL8A
NA
HSL6AA
NA
HSL6A
NA
HSB85A
NS
BG052A
NS
BG051A
NS
BG051AA
NS
BG039A
HA

REFERENCE DOCUMENT

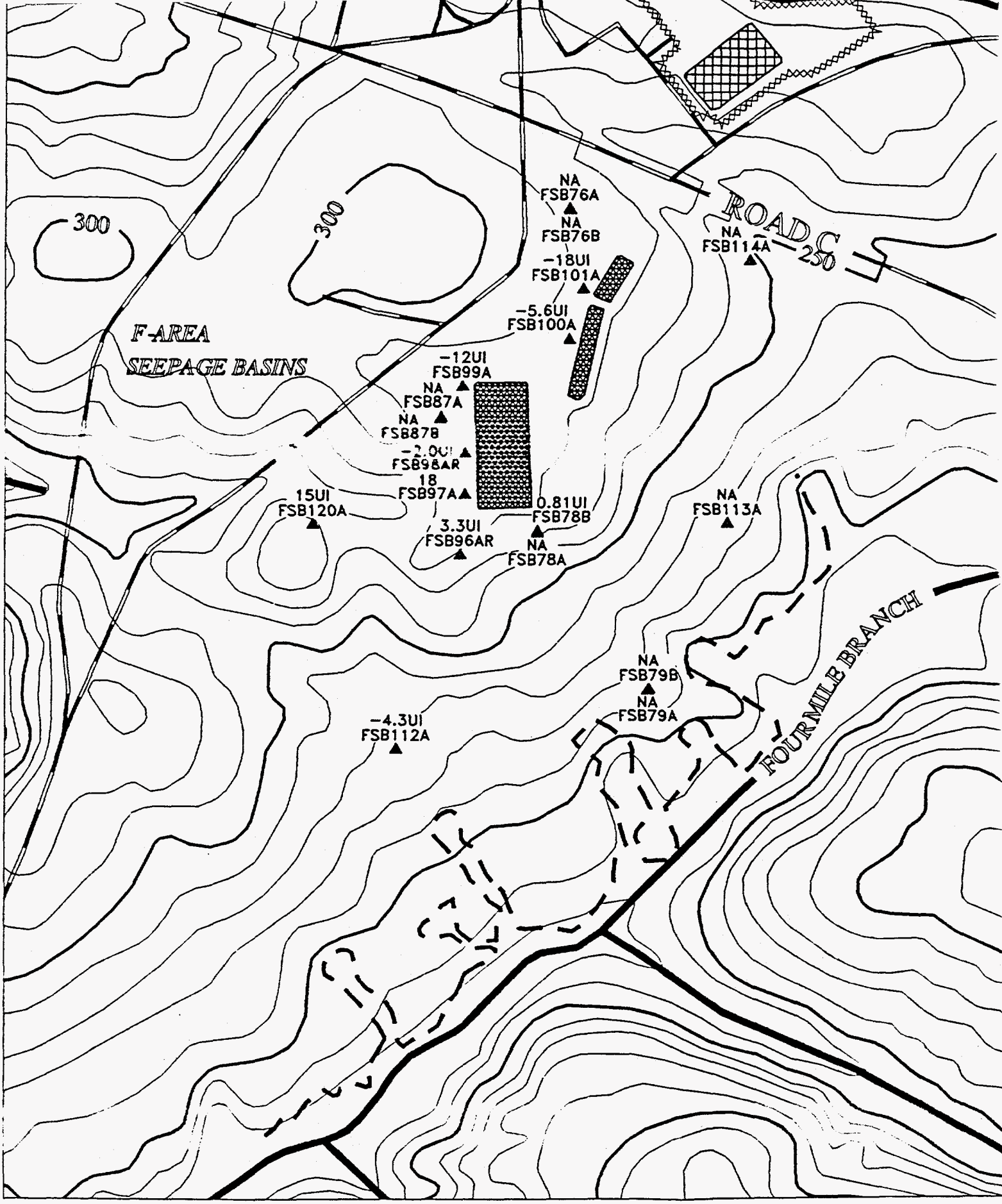
WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

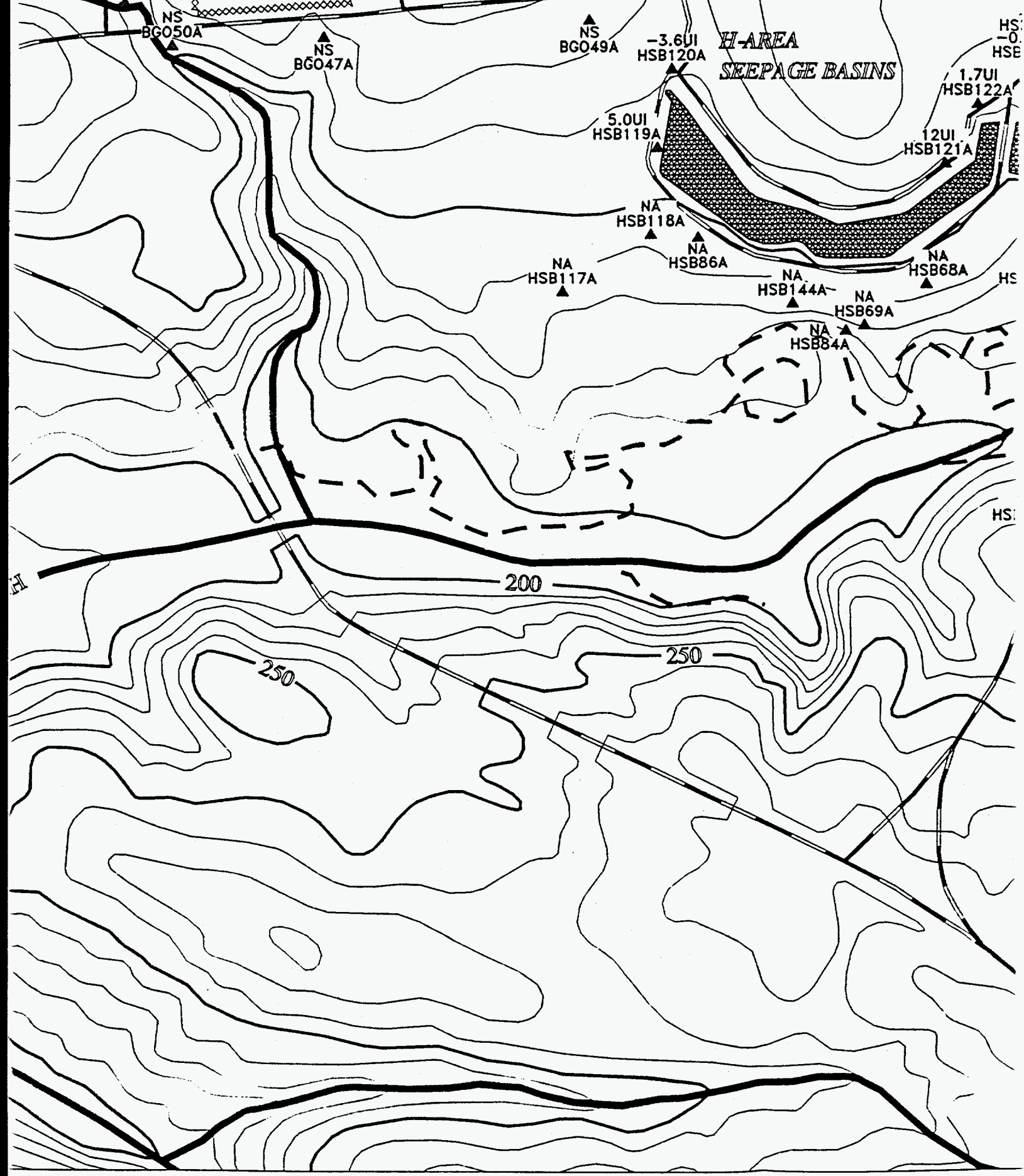
LEGEND

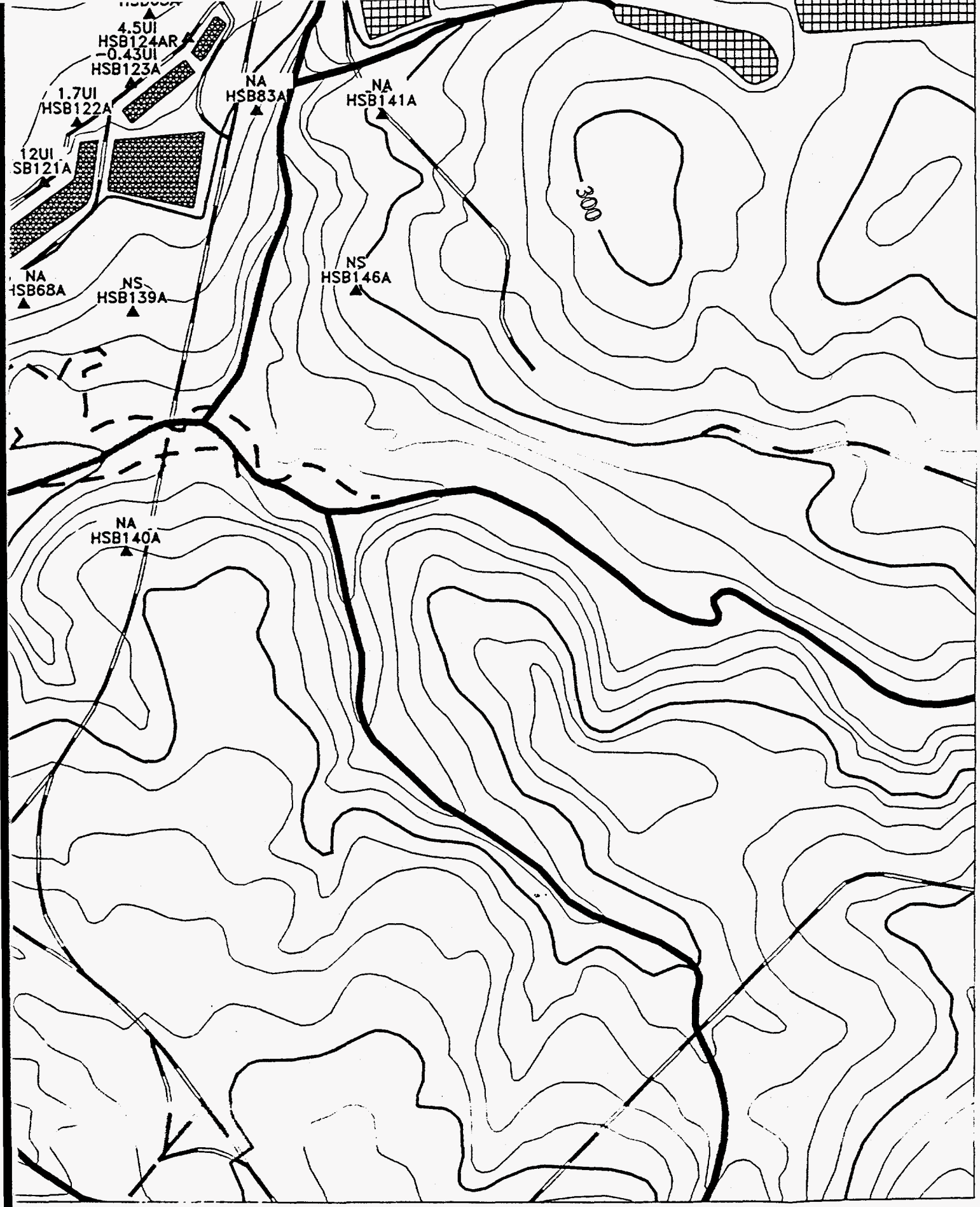
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

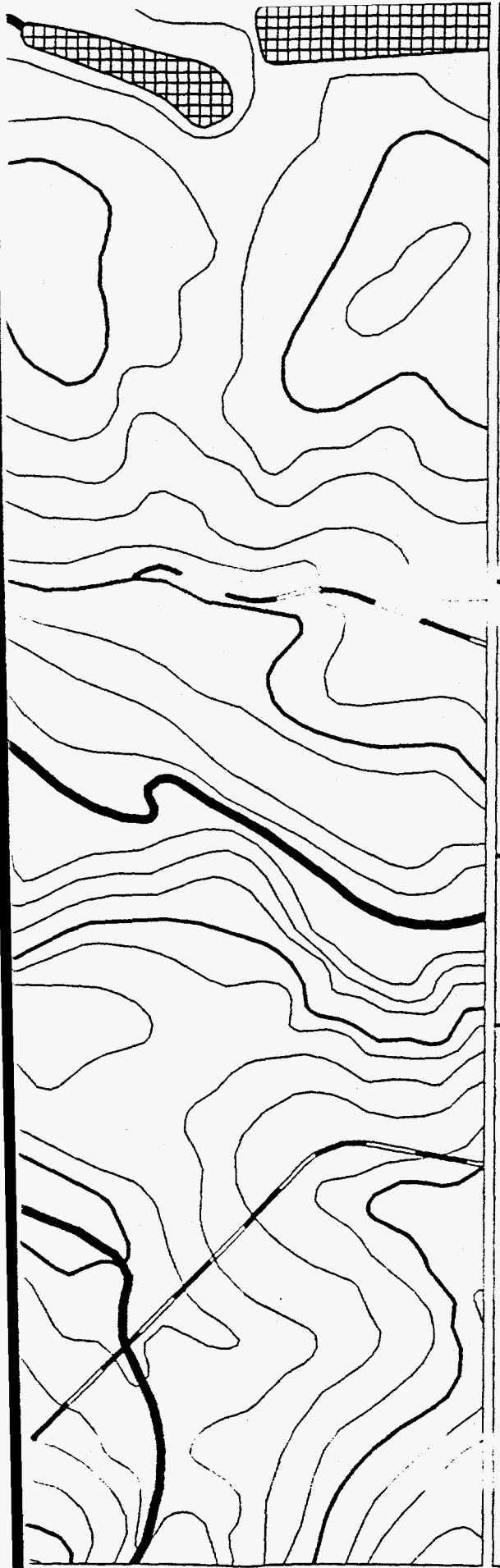
-81.690 -81.638

33.304 33.305


300
300
ROAD C
250
F-AREA
SEEPAGE BASINS
NA
FSB76A
NA
FSB76B
NA
FSB114A
-18UI
FSB101A
-5.6UI
FSB100A
-12UI
FSB99A
NA
FSB87A
NA
FSB87B
-2.0UI
FSB98AR
18
FSB97A
15UI
FSB120A
3.3UI
FSB96AR
0.81UI
FSB78B
NA
FSB78A
NA
FSB113A
NA
FSB79B
NA
FSB79A
-4.3UI
FSB112A
FOUR MILE BRANCH


H-AREA
SEEPAGE BASINS
NS
BGO50A
NS
BGO47A
NS
BGO49A
-3.6UI
HSB120A
1.7UI
HSB122A
5.0UI
HSB119A
12UI
HSB121A
NA
HSB118A
NA
HSB86A
NA
HSB68A
NA
HSB117A
NA
HSB144A
NA
HSB69A
NA
HSB84A
200
250
250


4.5UI
HSB124AR
-0.43UI
HSB123A
1.7UI
HSB122A
12UI
SB121A
NA
HSB68A
NS
HSB139A
NA
HSB140A
NA
HSB83A
NA
HSB141A
NS
HSB146A
300



LATITUDE-
LONGITUDE

33.261 33.261

-81.690 -81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

CONGAREE

CONSTITUENT:

TECHNETIUM 99

GWPS = 50 pCi/L

"NS" = Not Sampled

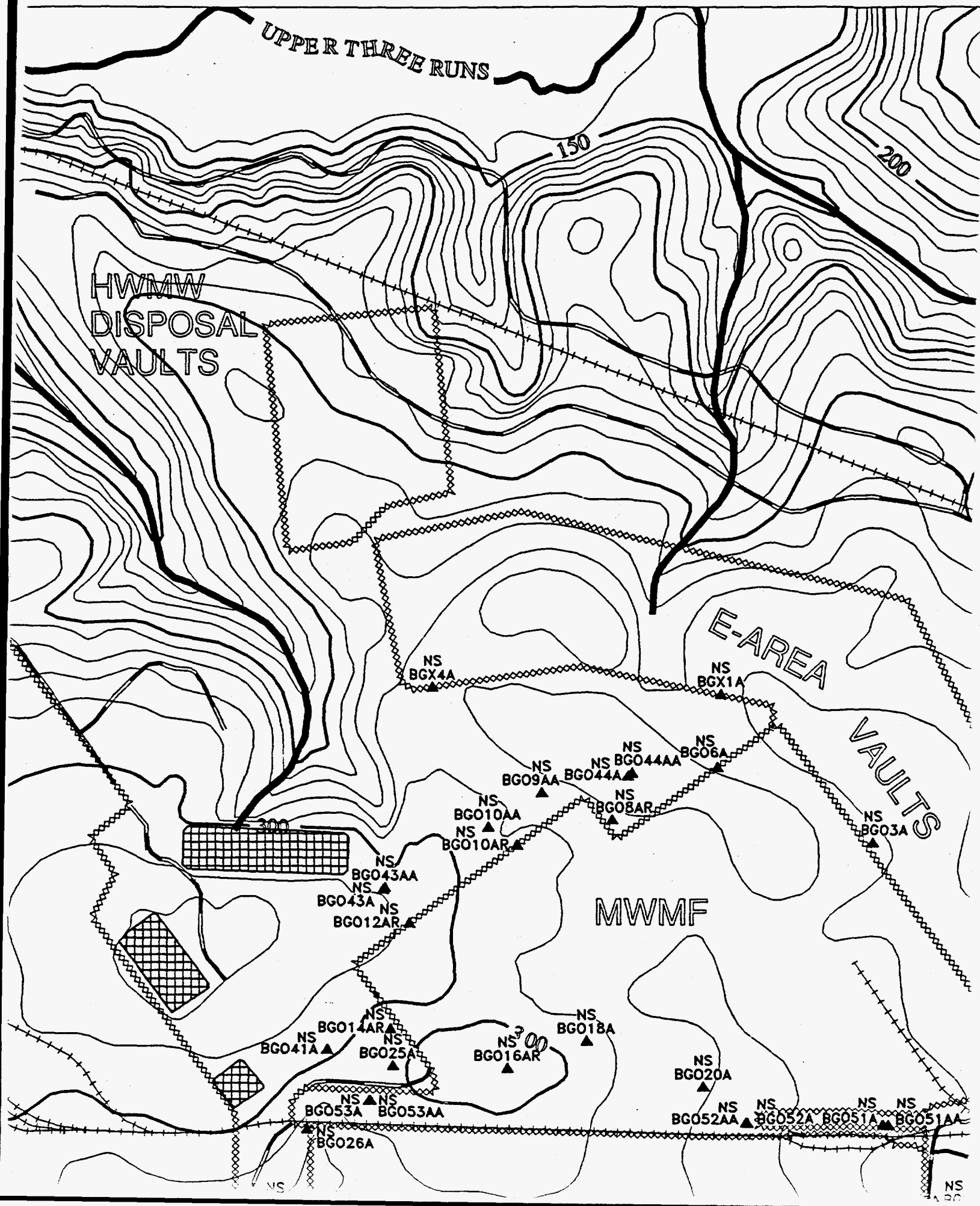
"NA" = Not Analyzed

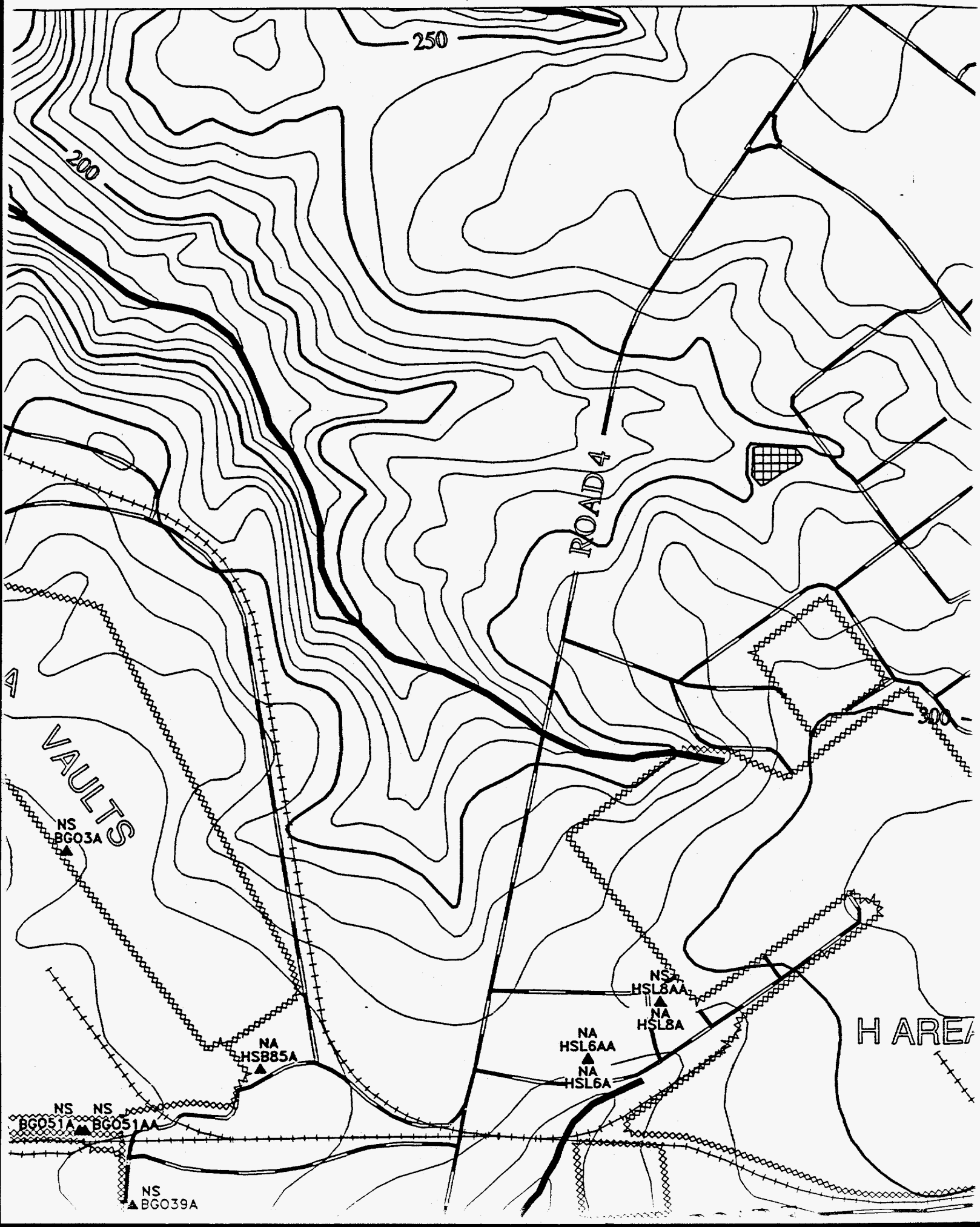
"*" = Wells Not Used to Contour

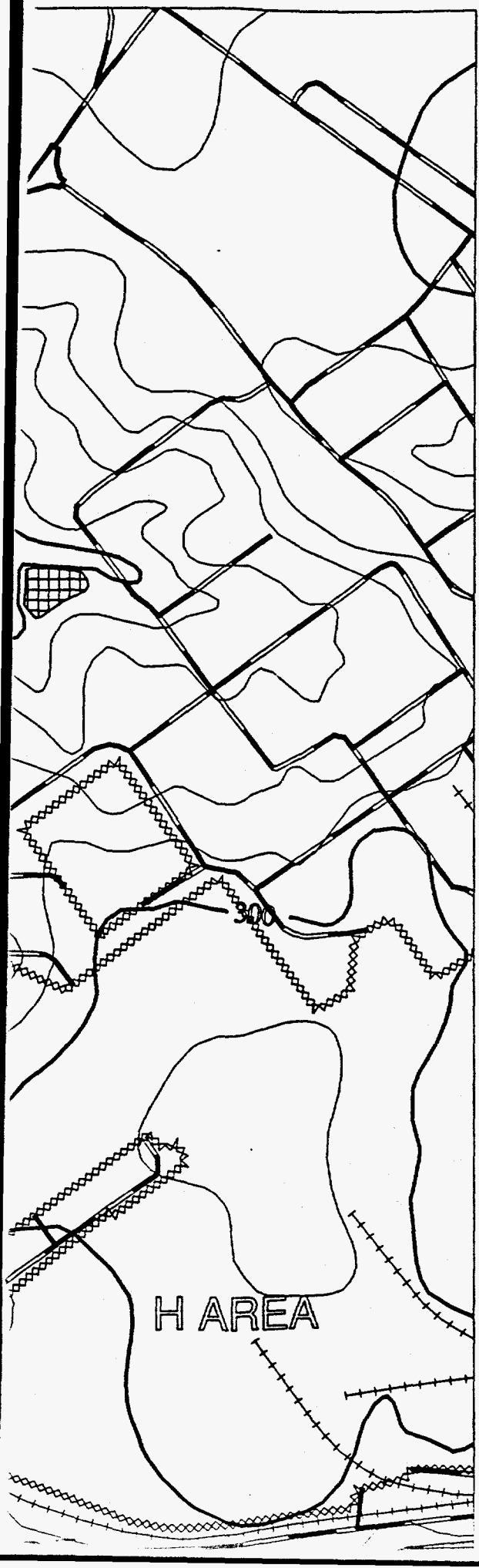
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 50, 150, 300 pCi/L

350
300
250
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
E-AREA
VAULTS
MWMF
300
NS BGX4A
NS BGX1A
NS BG06A
NS BG044AA
NS BG044A
NS BG09AA
NS BG08AR
NS BG10AA
NS BG10AR
NS BG03A
NS BG043AA
NS BG043A
NS BG012AR
NS BG014AR
NS BG041A
NS BG025A
NS BG016AR
NS BG018A
NS BG020A
NS BG053A
NS BG053AA
NS BG026A
NS BG052AA
NS BG052A
NS BG051A
NS BG051AA


250
200
ROAD 4
300
VAULTS
NS
BG03A
NA
HSB85A
NS
BG051A
NS
BG051AA
NS
BG039A
NS
HSL6AA
NA
HSL8A
NA
HSL6AA
NA
HSL6A
H AREA



REFERENCE DOCUMENT

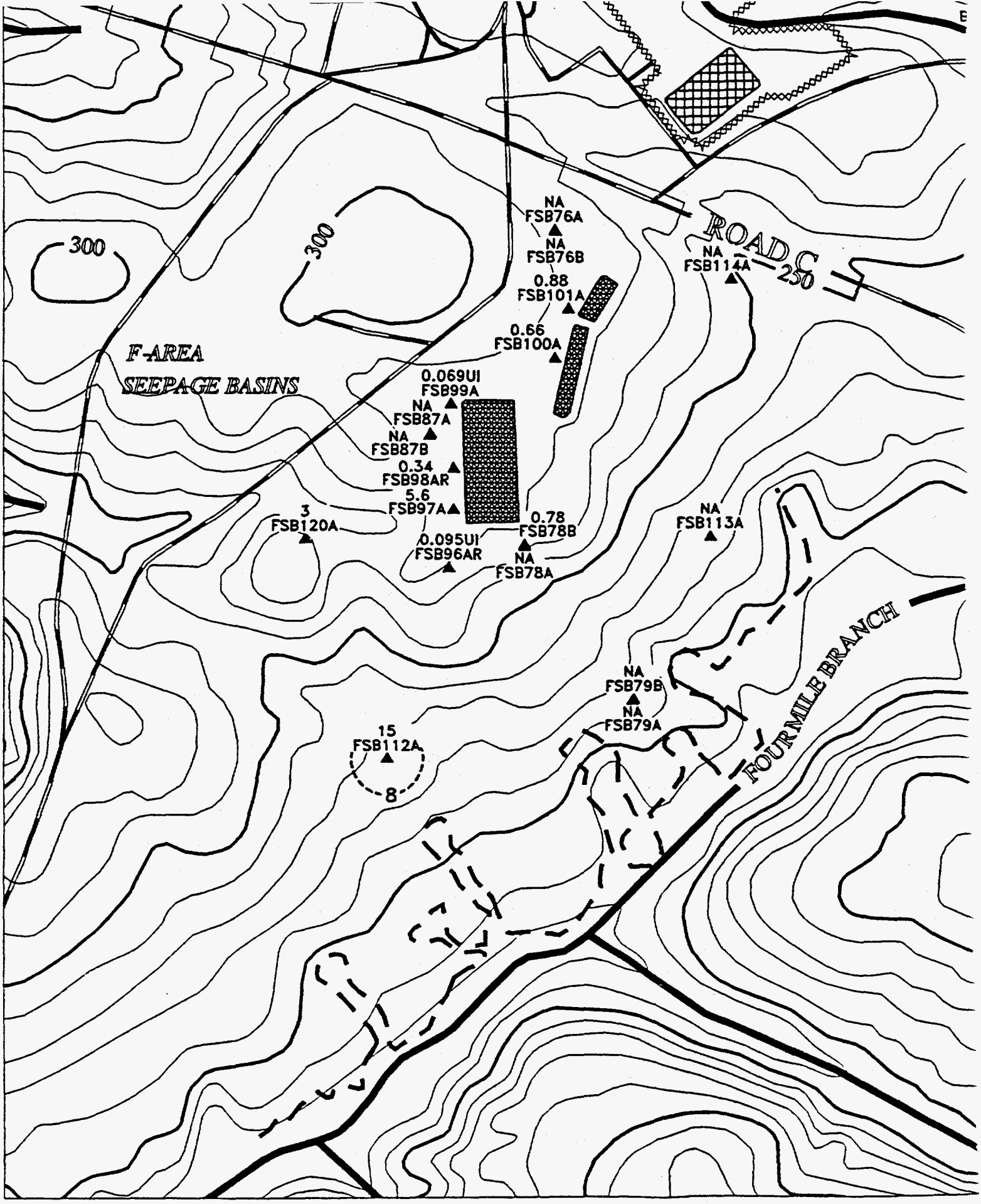
WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

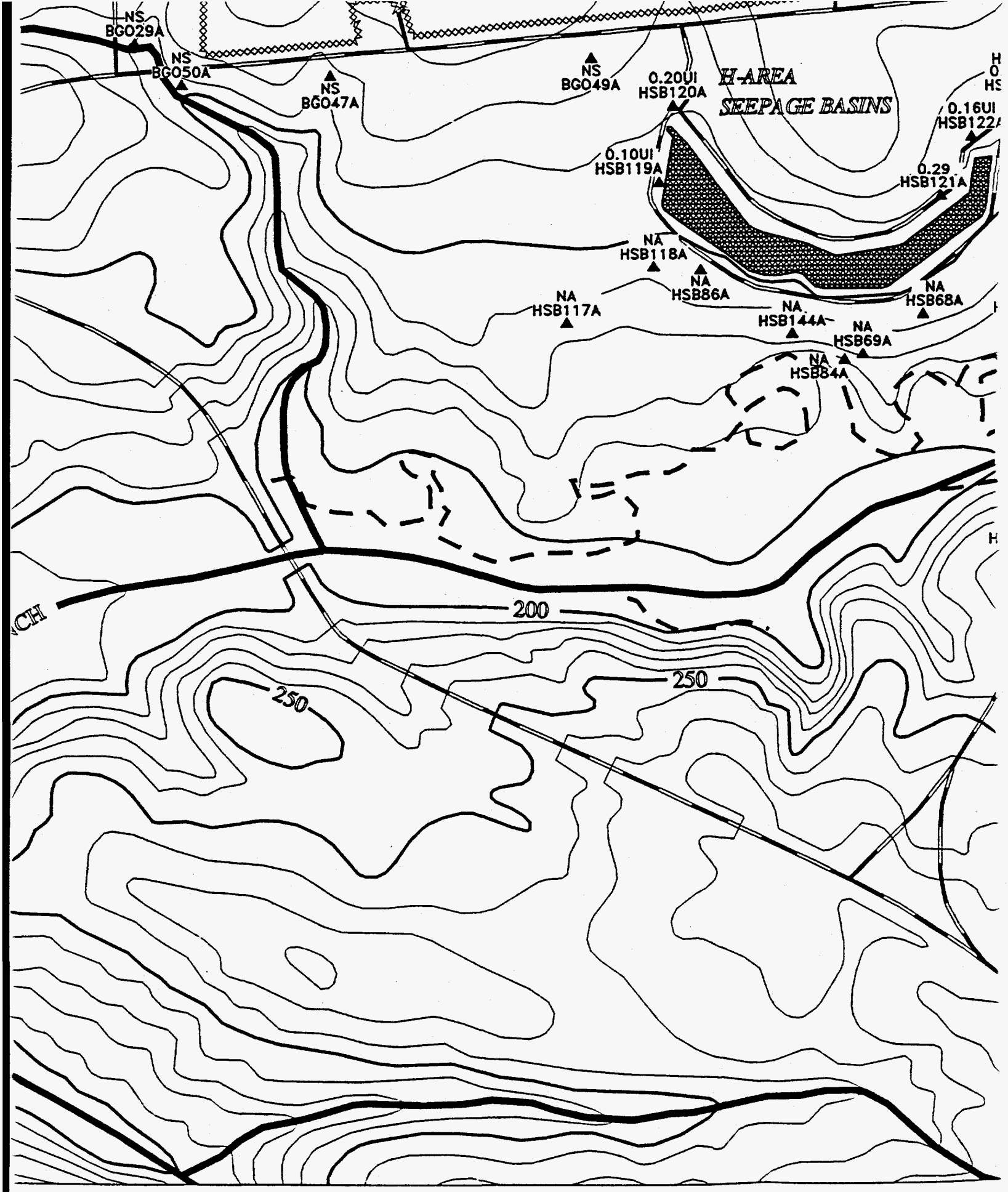
LEGEND

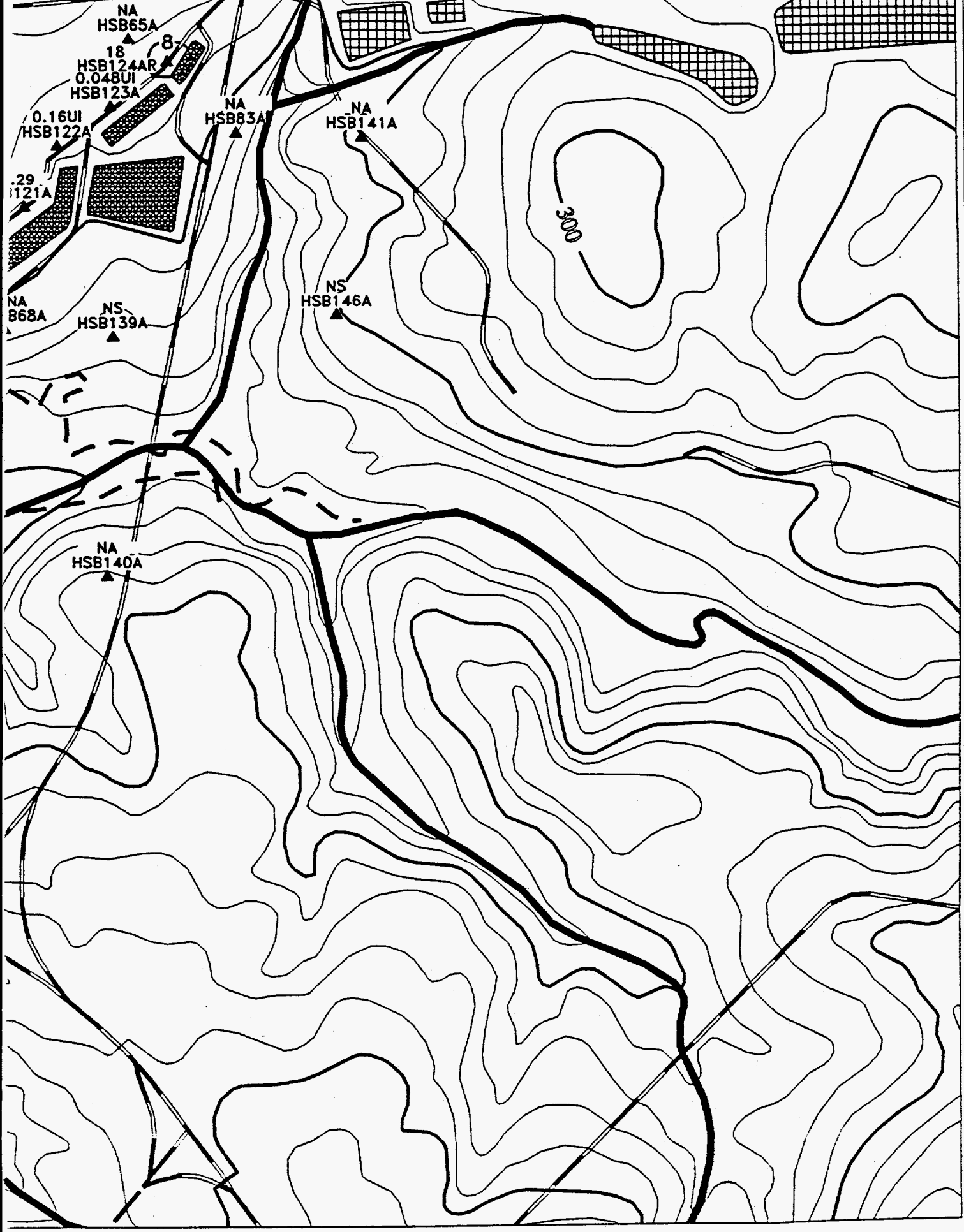
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

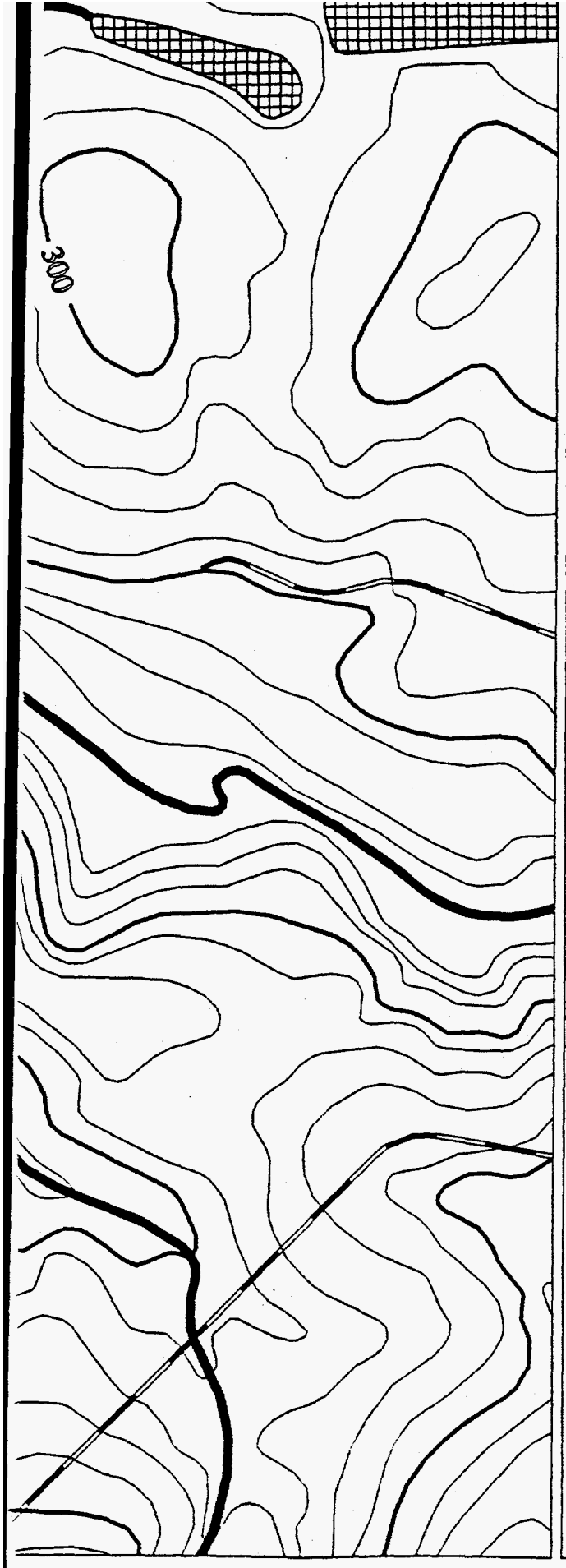
-81.690

-81.638


300
300
F-AREA
SEEPAGE BASINS
ROAD C
250
NA
FSB76A
NA
FSB76B
0.88
FSB101A
0.66
FSB100A
NA
FSB114A
0.069UI
FSB99A
NA
FSB87A
NA
FSB87B
0.34
FSB98AR
5.6
FSB97A
3
FSB120A
0.095UI
FSB96AR
0.78
FSB78B
NA
FSB78A
NA
FSB113A
NA
FSB79B
NA
FSB79A
15
FSB112A
8
FOURMILE BRANCH


NS
BG029A
NS
BG050A
NS
BG047A
NS
BG049A
0.20UI
HSB120A
H-AREA
SEEPAGE BASINS
0.16UI
HSB122A
0.10UI
HSB119A
0.29
HSB121A
NA
HSB118A
NA
HSB86A
NA
HSB68A
NA
HSB117A
NA
HSB144A
NA
HSB69A
NA
HSB84A
200
250
250


NA
HSB65A
18
8
HSB124AR
0.048UI
HSB123A
0.16UI
HSB122A
.29
121A
NA
HSB83A
NA
HSB141A
300
NA
B68A
NS
HSB139A
NS
HSB146A
NA
HSB140A
0



LONGITUDE

33.261 33.261

-81.690 -81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

CONGAREE

CONSTITUENT:

STRONTIUM 90

GWPS = 8 pCi/L

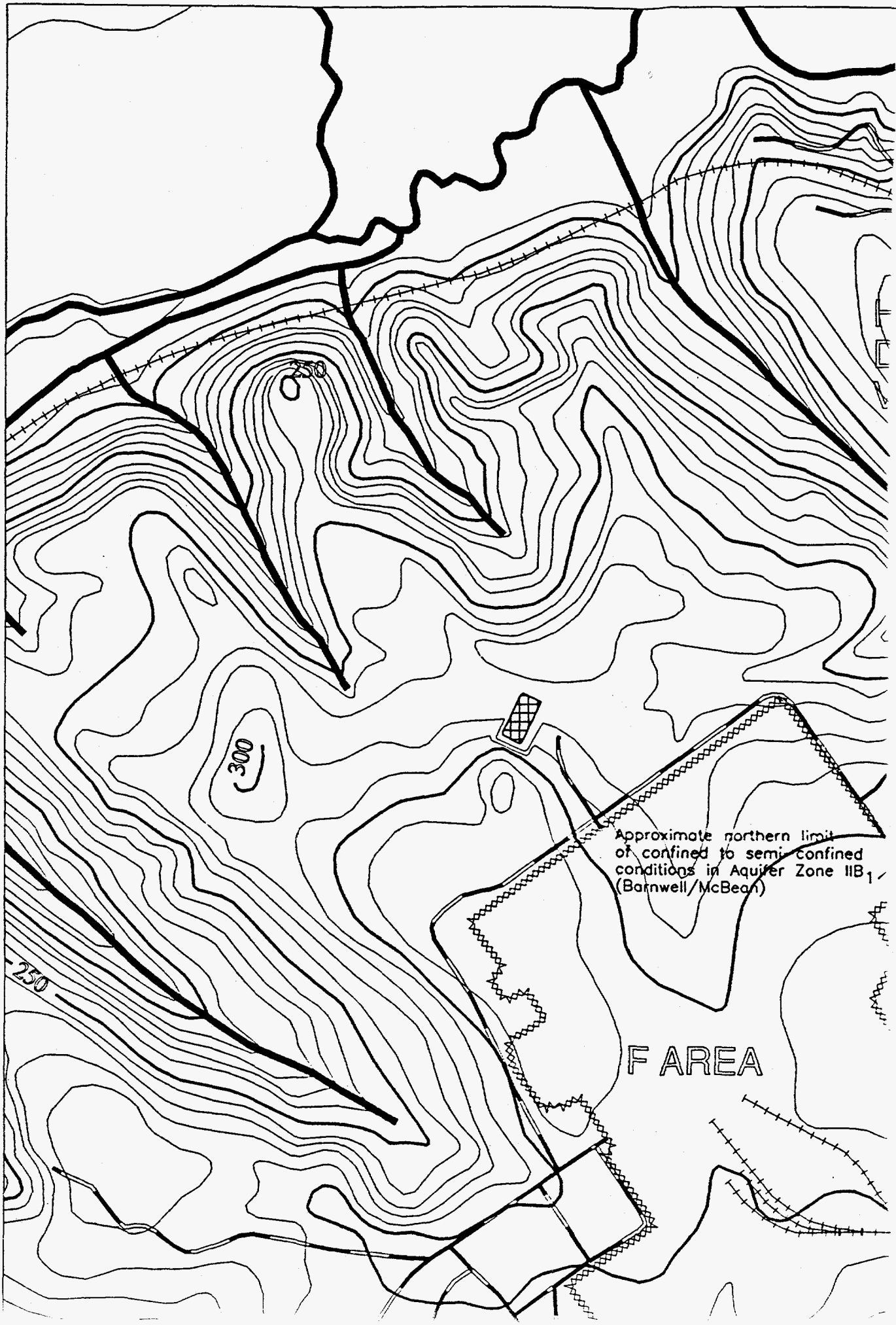
"NS" = Not Sampled

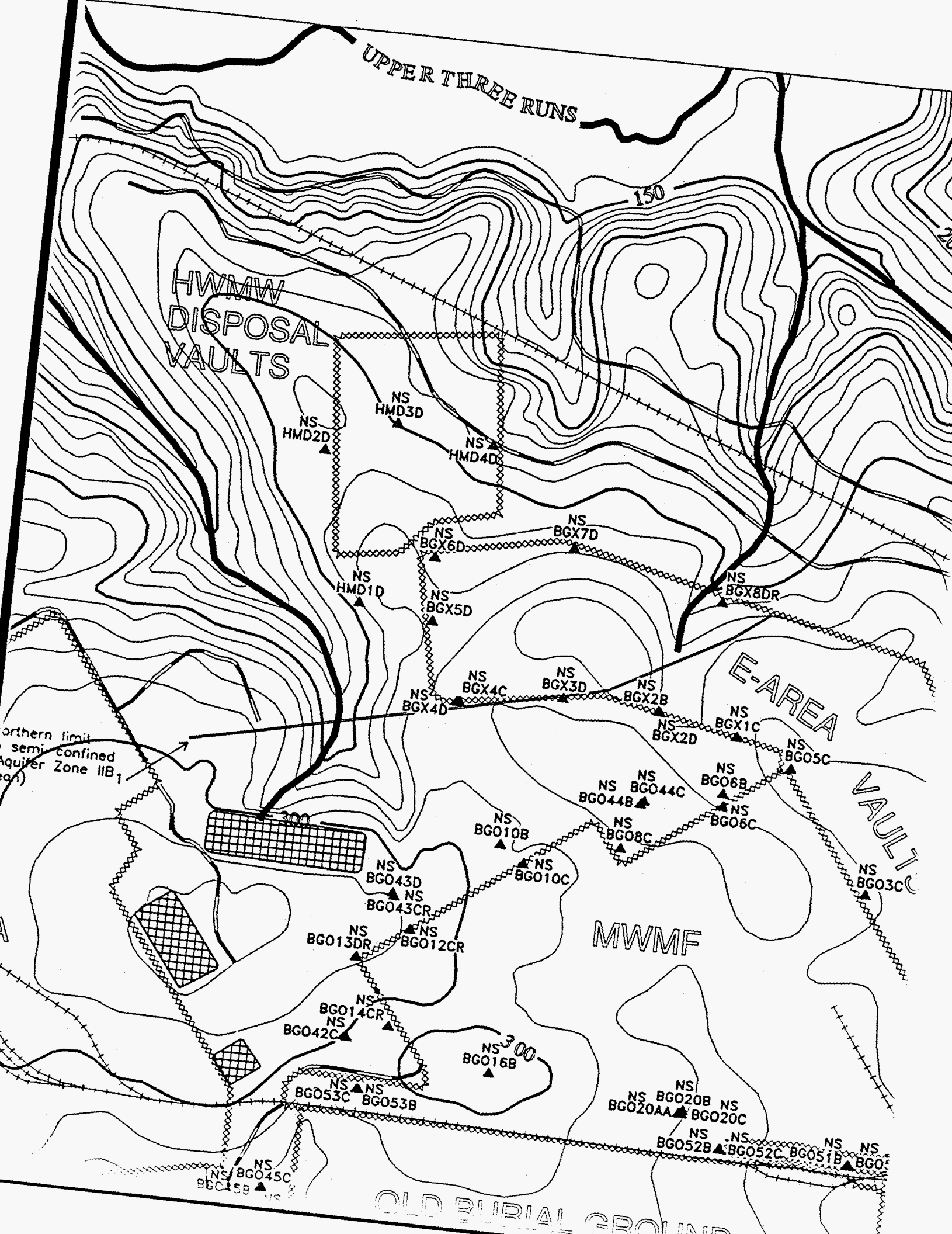
"NA" = Not Analyzed

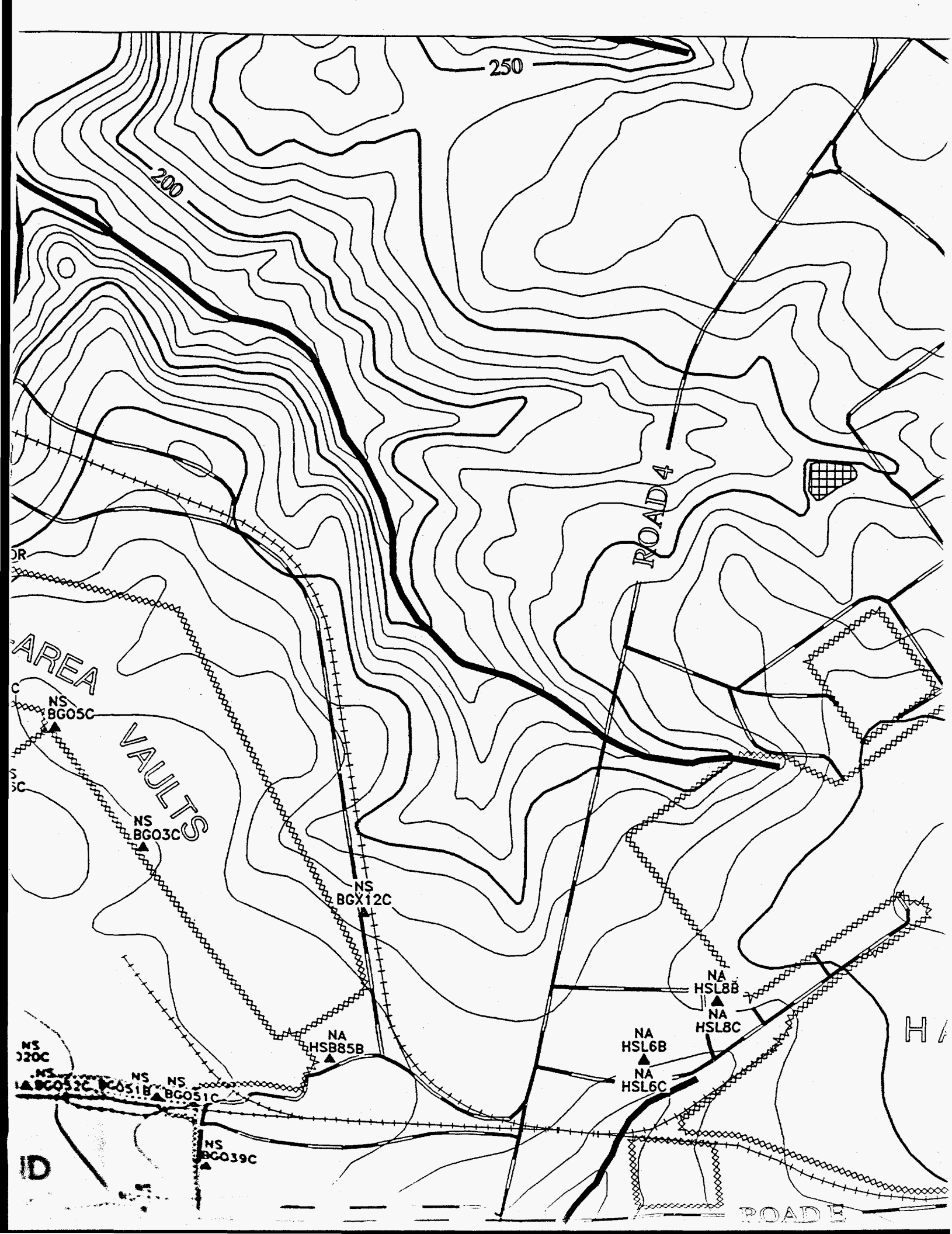
"*" = Wells Not Used to Contour

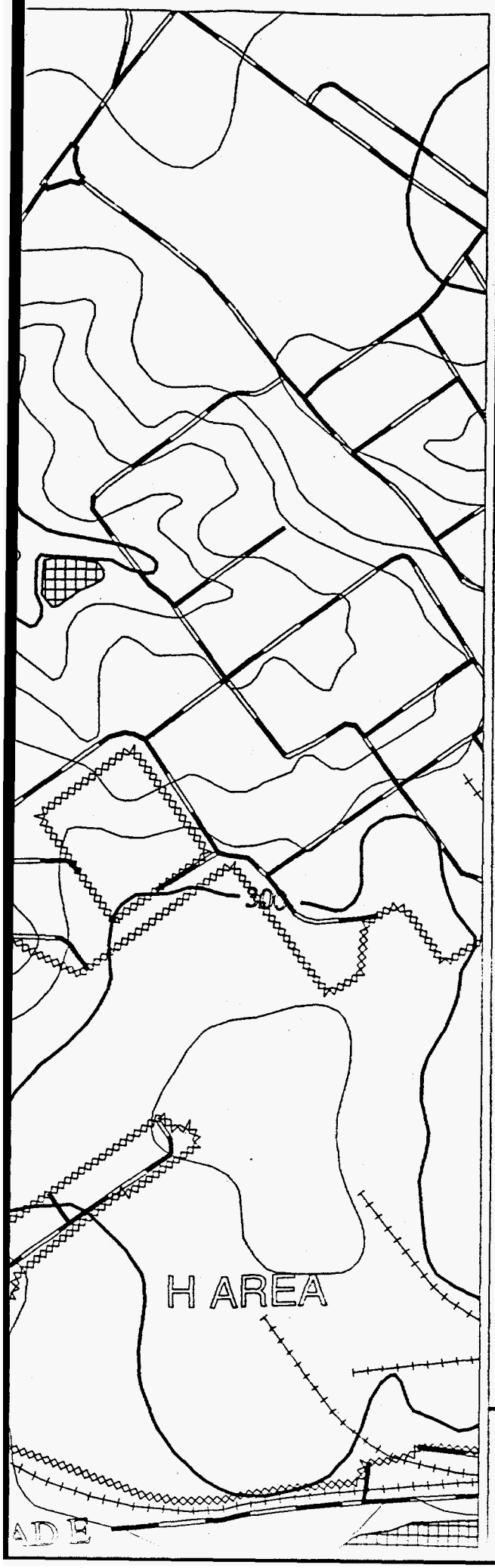
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 8, 500, 1000, 2000 pCi/L


250
300
250
Approximate northern limit of confined to semi-confined conditions in Aquifer Zone IIB1 (Barnwell/McBean)
F AREA


UPPER THREE RUNS
150
HWMW
DISPOSAL
VAULTS
NS HMD3D
NS HMD2D
NS HMD4D
NS BGX7D
NS BGX6D
NS HMD1D
NS BGX5D
NS BGX8DR
E-AREA
VAULTS
NS BGX4C
NS BGX3D
NS BGX2B
NS BGX4D
NS BGX1C
NS BGX2D
NS BGO5C
NS BGO44C
NS BGO44B
NS BGO6B
NS BGO6C
NS BGO10B
NS BGO8C
NS BGO3C
NS BGO43D
NS BGO43CR
NS BGO10C
MWMF
NS BGO13DR
NS BGO12CR
NS BGO14CR
NS BGO42C
300
NS BGO16B
NS BGO53C
NS BGO53B
NS BGO20B
NS BGO20AA
NS BGO20C
NS BGO52B
NS BGO52C
NS BGO51B
NS BGO45C
OLD BURIAL GROUND


250
200
ROAD 4
AREA
VAULTS
NS
BG05C
NS
BG03C
NS
BGX12C
NA
HSB85B
NA
HSL8B
NA
HSL8C
NA
HSL6B
NA
HSL6C
NS
BG052C
NS
BG051B
NS
BG051C
NS
BG039C
ROAD E



REFERENCE DOCUMENT

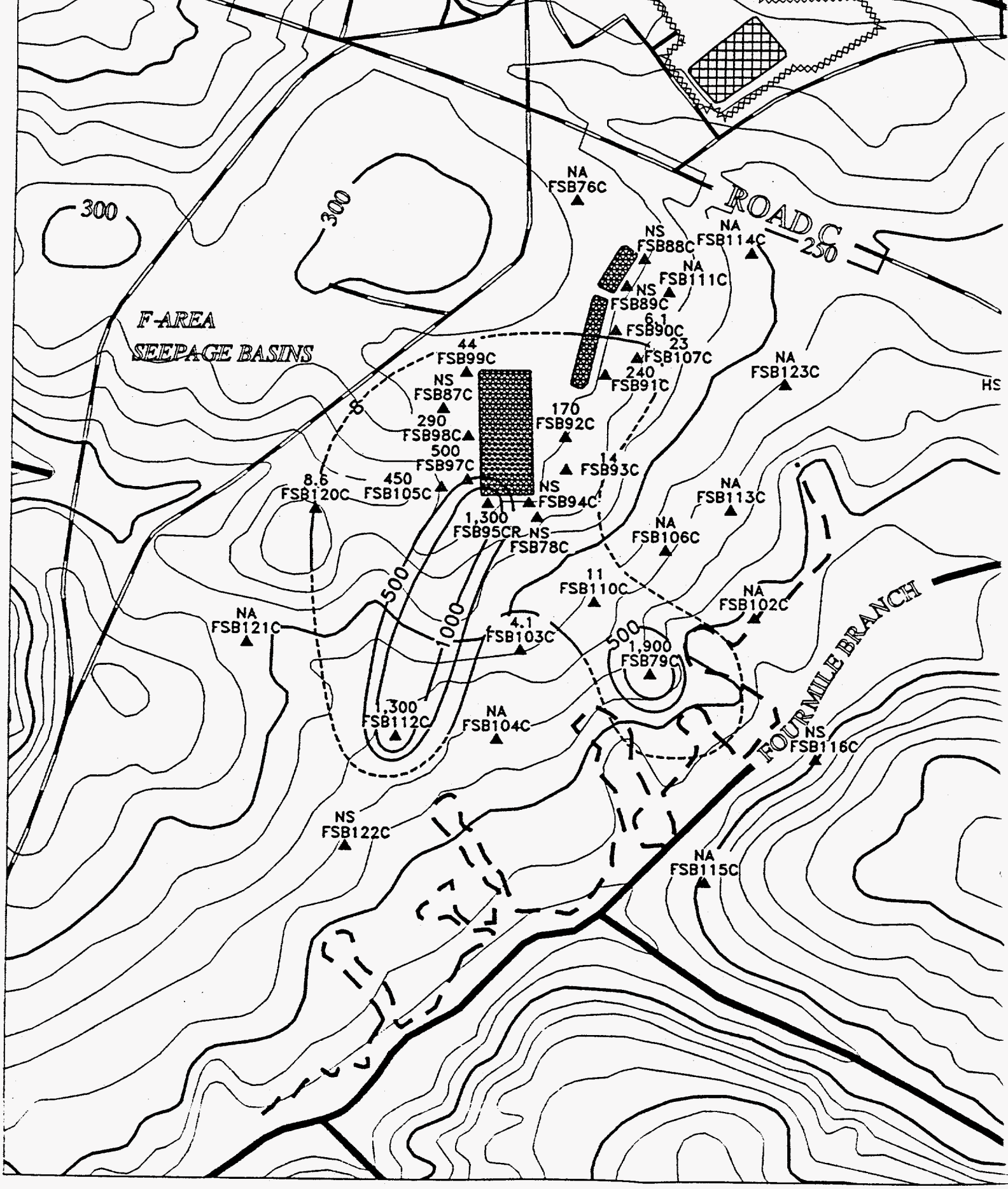
WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

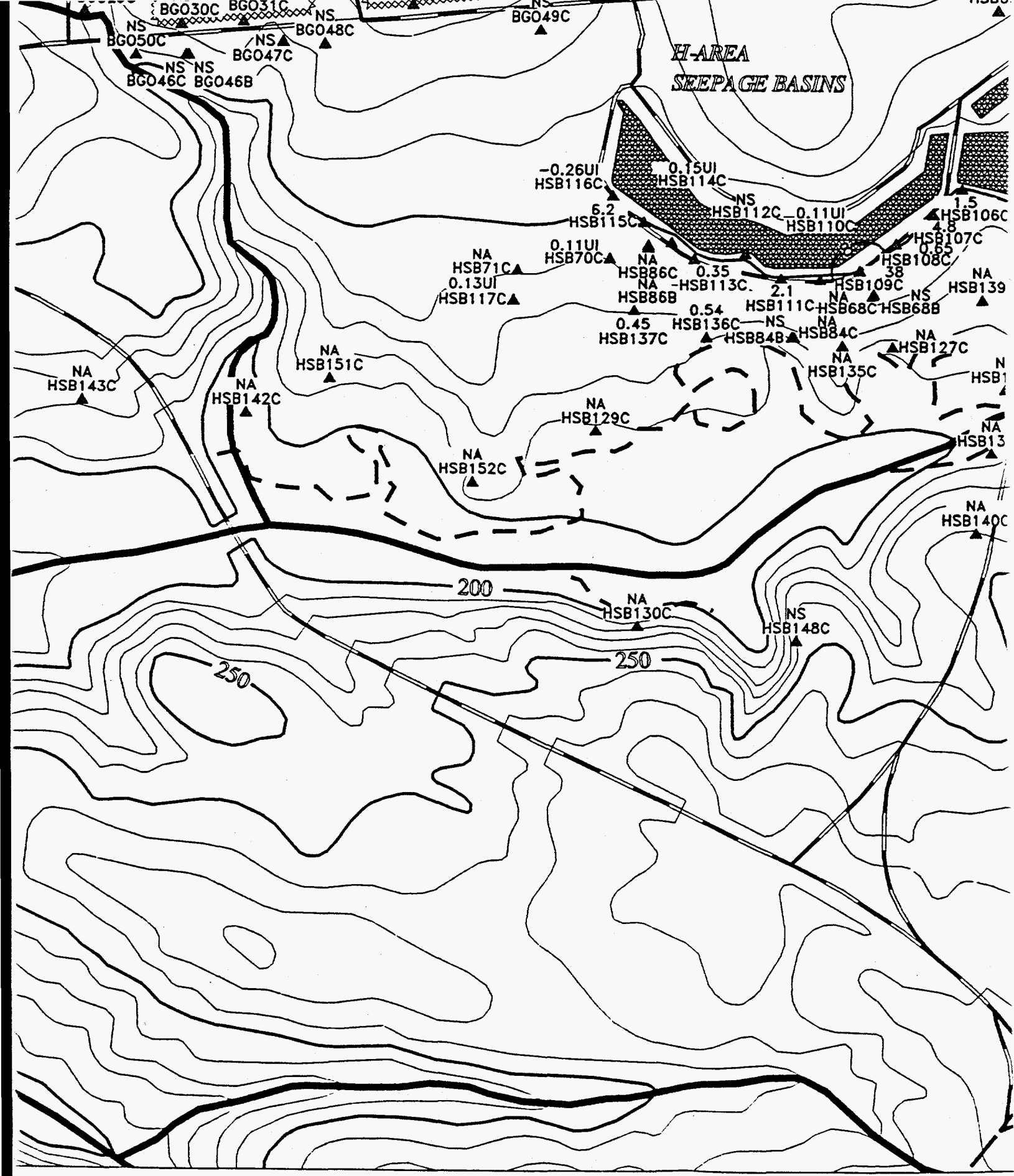
LEGEND

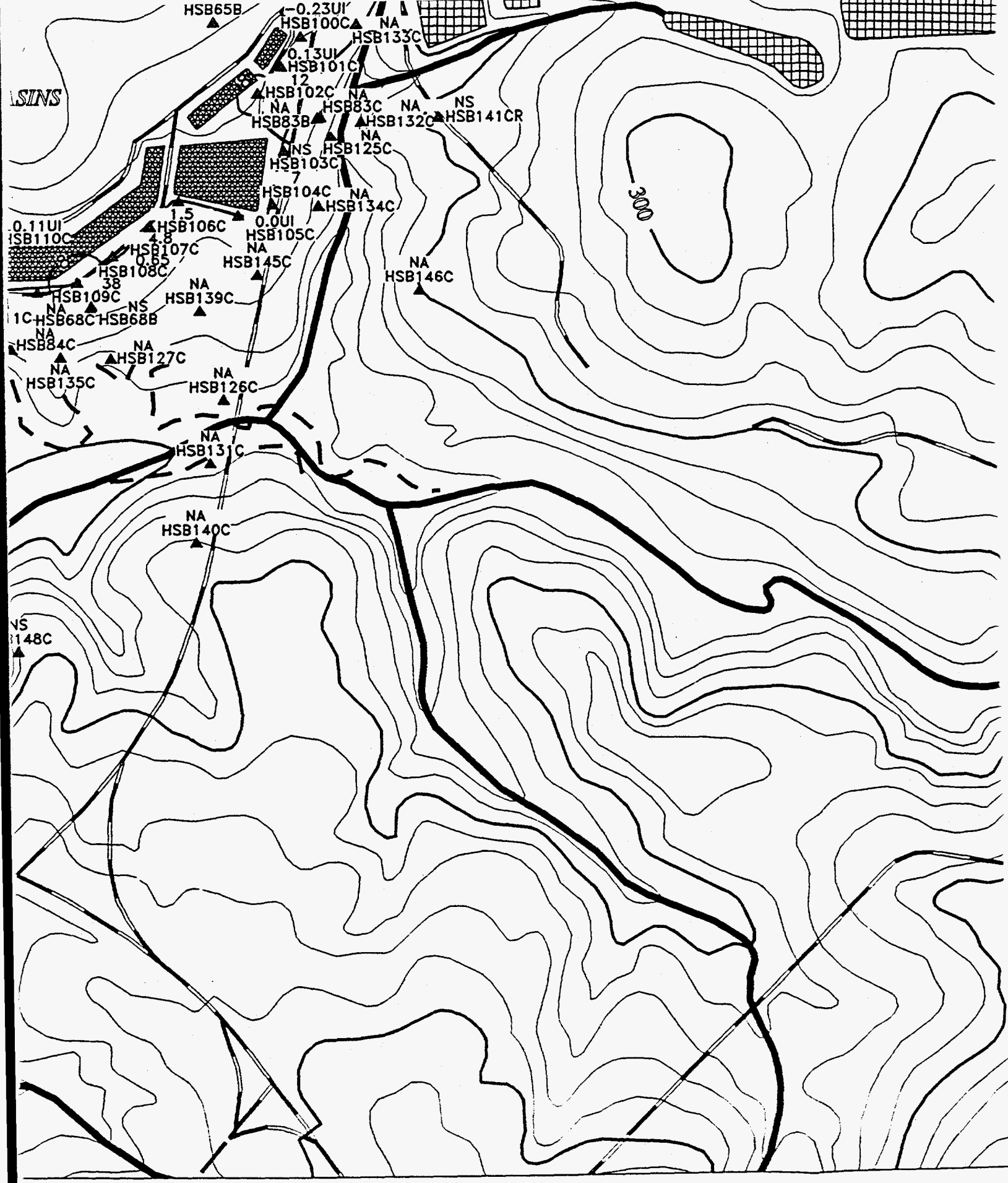
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

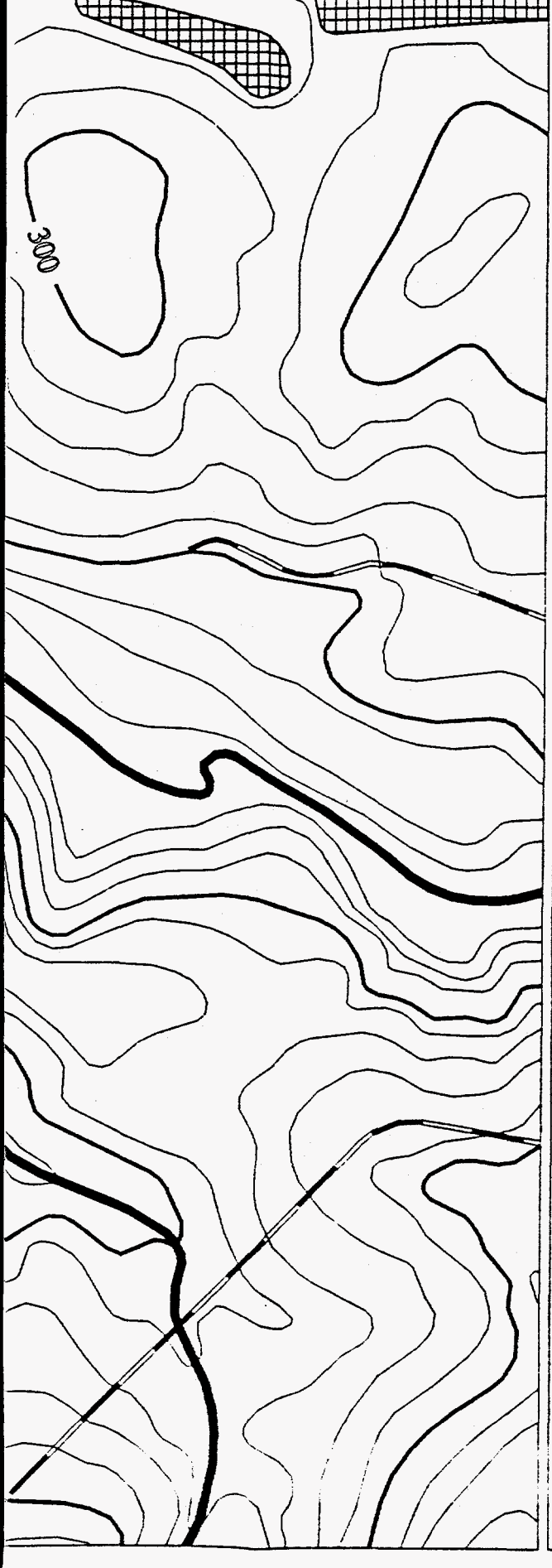
-81.690 -81.638

33.304 33.305


F-AREA
SEEPAGE BASINS
ROAD C
FOURMILE BRANCH
300
300
250
500
1000
500
NA FSB76C
NS FSB88C
NA FSB114C
NA FSB111C
NS FSB89C
6.1 FSB90C
44 FSB99C
23 FSB107C
240 FSB91C
NA FSB123C
NS FSB87C
290 FSB98C
500 FSB97C
170 FSB92C
14 FSB93C
8.6 FSB120C
450 FSB105C
NS FSB94C
1,300 FSB95CR
NS FSB78C
NA FSB113C
NA FSB106C
11 FSB110C
NA FSB102C
NA FSB121C
4.1 FSB103C
1,900 FSB79C
1,300 FSB112C
NA FSB104C
NS FSB116C
NS FSB122C
NA FSB115C


BGO30C
BGO31C
NS
BGO49C
NS
BGO50C
NS
BGO48C
NS
BGO47C
NS
NS
BGO46C
BGO46B
H-AREA
SEEPAGE BASINS
-0.26UI
HSB116C
0.15UI
HSB114C
NS
HSB112C
0.11UI
HSB110C
1.5
HSB106C
6.2
HSB115C
4.8
HSB107C
0.11UI
HSB70C
NA
HSB71C
NA
HSB86C
0.35
HSB113C
0.65
HSB108C
38
HSB109C
NA
HSB139
0.13UI
HSB117C
NA
HSB86B
2.1
HSB111C
NA
HSB68C
NS
HSB68B
0.54
0.45
HSB137C
HSB136C
NS
HSB84B
NA
HSB84C
NA
HSB127C
NA
HSB135C
NA
HSB151C
NA
HSB143C
NA
HSB142C
NA
HSB129C
NA
HSB152C
NA
HSB140C
200
NA
HSB130C
NS
HSB148C
250
250


HSB65B
-0.23UI
HSB100C
NA
HSB133C
0.13UI
HSB101C
12
HSB102C
NA
HSB83C
NA
HSB83B
NA
HSB132C
NS
HSB141CR
NS
HSB125C
HSB103C
7
HSB104C
NA
HSB134C
300
1.5
HSB106C
0.0UI
HSB105C
0.11UI
HSB110C
4.8
HSB107C
0.65
HSB108C
38
HSB109C
NA
HSB145C
NA
HSB146C
NA
HSB139C
NA
HSB68C
NS
HSB68B
NA
HSB84C
NA
HSB127C
NA
HSB135C
NA
HSB126C
NA
HSB131C
NA
HSB140C
NS
148C



LONGITUDE

33.261 33.261

-81.690 -81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

BARNWELL/McBEAN

CONSTITUENT:

STRONTIUM 90

GWPS = 8 pCi/L

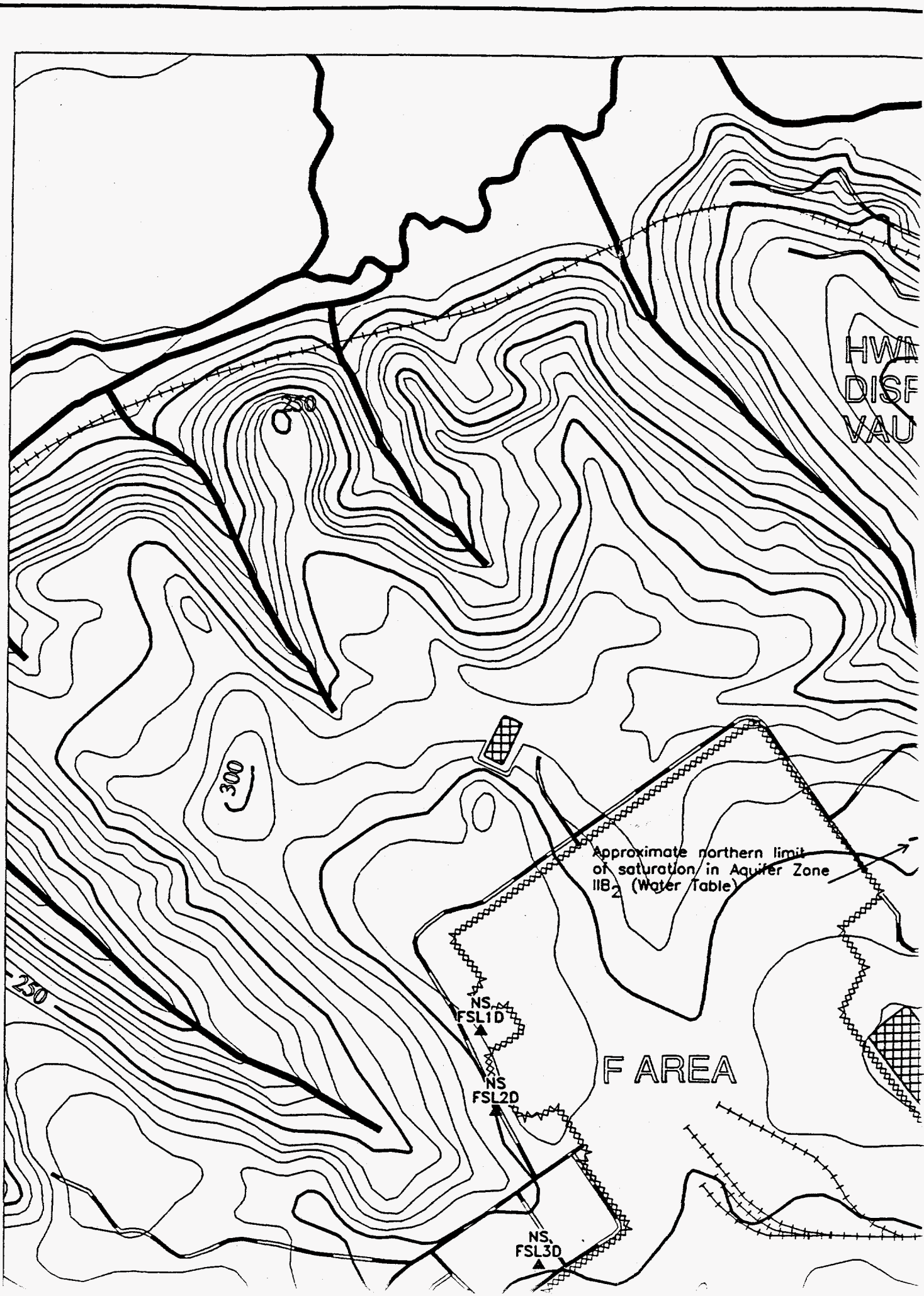
"NS" = Not Sampled

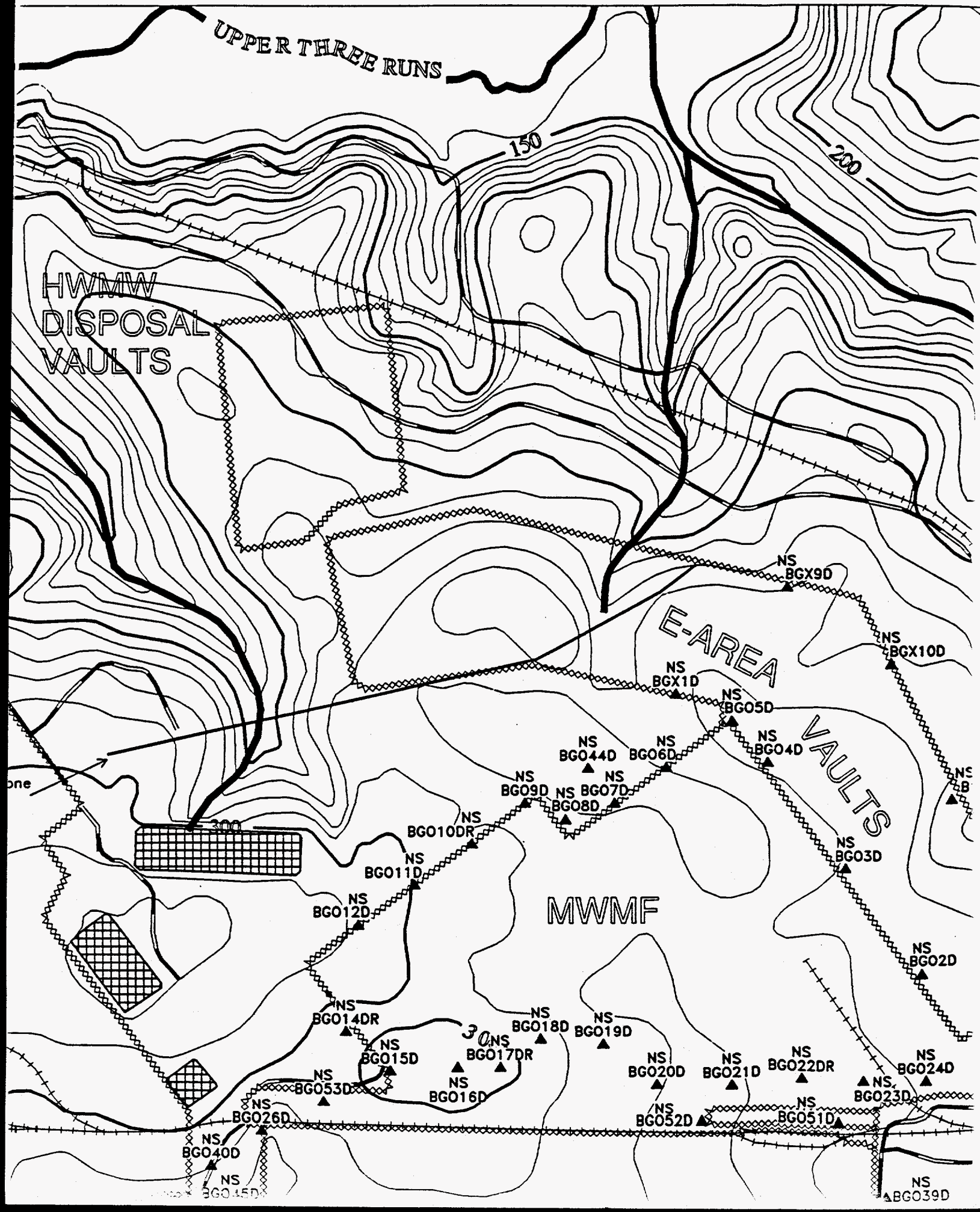
"NA" = Not Analyzed

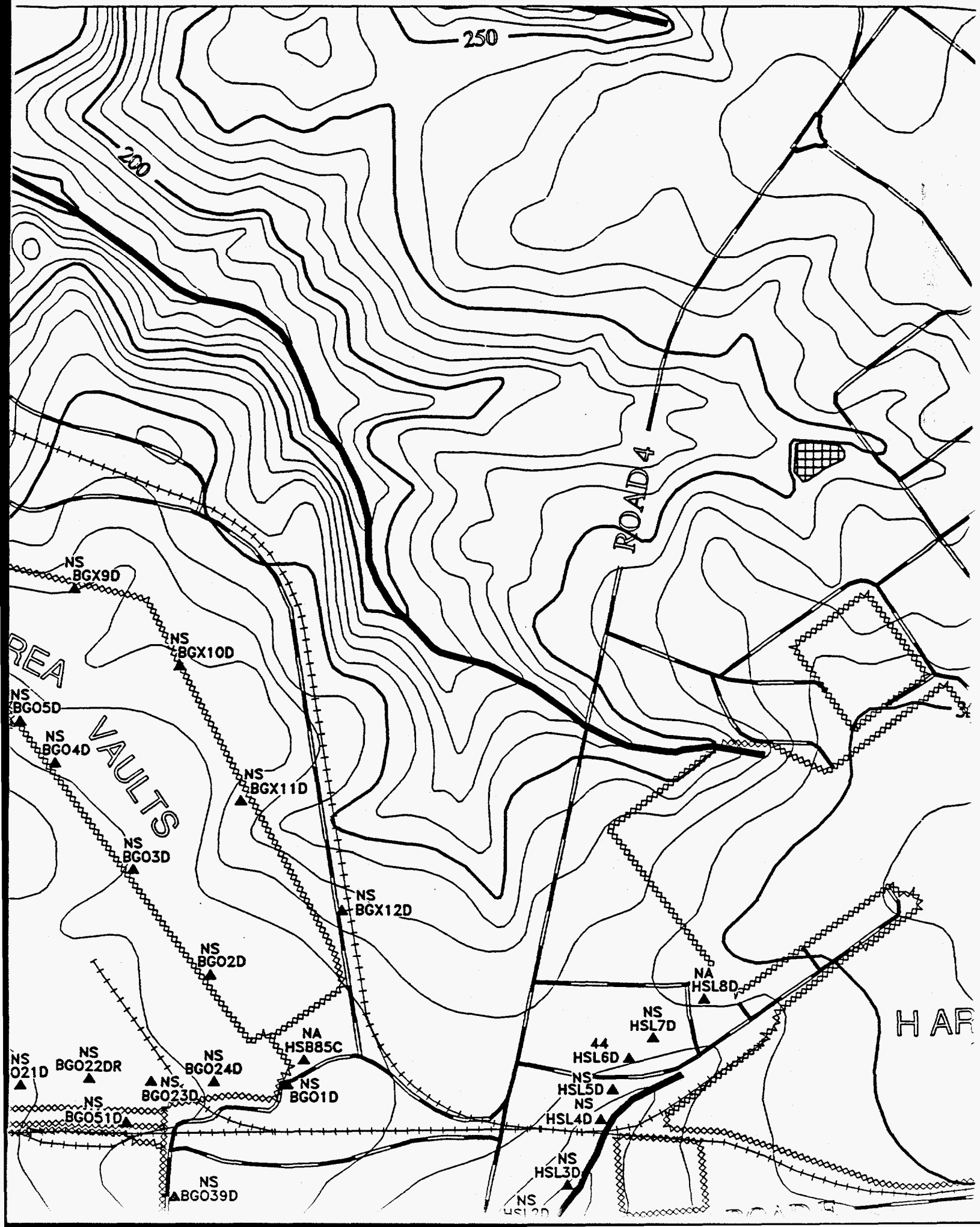
"*" = Wells Not Used to Contour

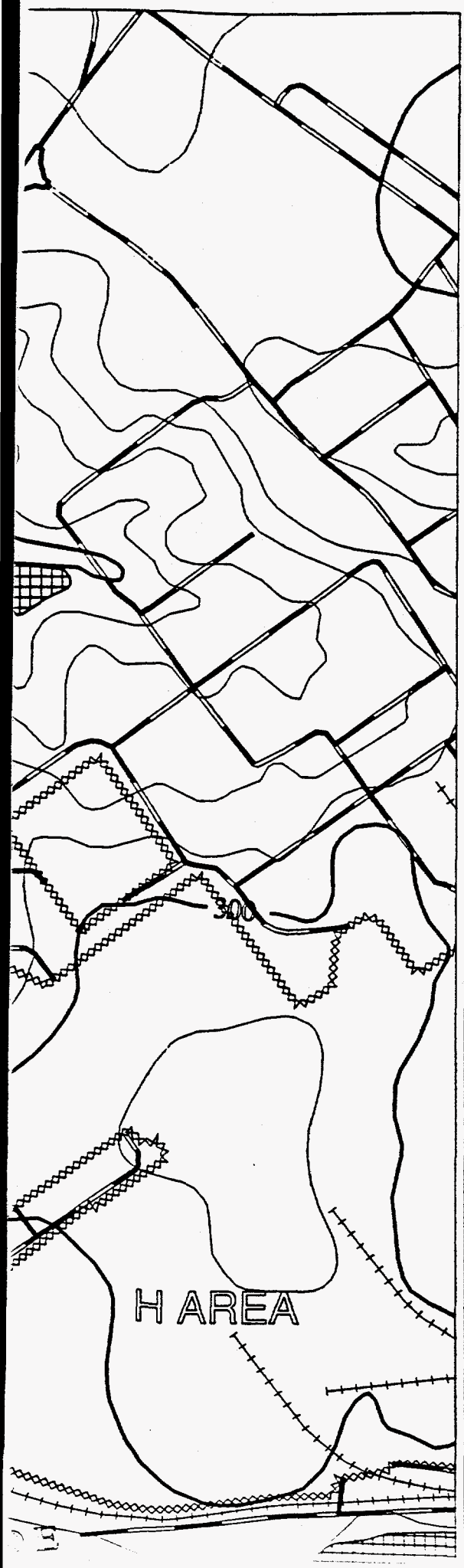
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 8, 500, 1000, 2000 pCi/L


250
300
250
Approximate northern limit of saturation in Aquifer Zone IIB2 (Water Table)
NS FSL1D
NS FSL2D
NS FSL3D
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
E-AREA
VAULTS
MWMF
300
NS BGX9D
NS BGX10D
NS BGX1D
NS BGO5D
NS BGO44D
NS BGO6D
NS BGO4D
NS BGO9D
NS BGO7D
NS BGO8D
NS BGO10DR
NS BGO3D
NS BGO11D
NS BGO12D
NS BGO2D
NS BGO14DR
NS BGO18D
NS BGO19D
NS BGO15D
NS BGO17DR
NS BGO20D
NS BGO21D
NS BGO22DR
NS BGO24D
NS BGO53D
NS BGO16D
NS BGO23D
NS BGO26D
NS BGO52D
NS BGO51D
NS BGO40D
NS BGO45D
NS BGO39D


250
200
ROAD 4
NS BGX9D
NS BGX10D
NS BGO5D
NS BGO4D
NS BGX11D
NS BGO3D
NS BGX12D
NS BGO2D
NA HSB85C
NS BGO24D
NS BGO22DR
NS BGO23D
NS BGO1D
NS BGO51D
NS BGO39D
NA HSL8D
NS HSL7D
44 HSL6D
NS HSL5D
NS HSL4D
NS HSL3D
VAULTS



REFERENCE DOCUMENT

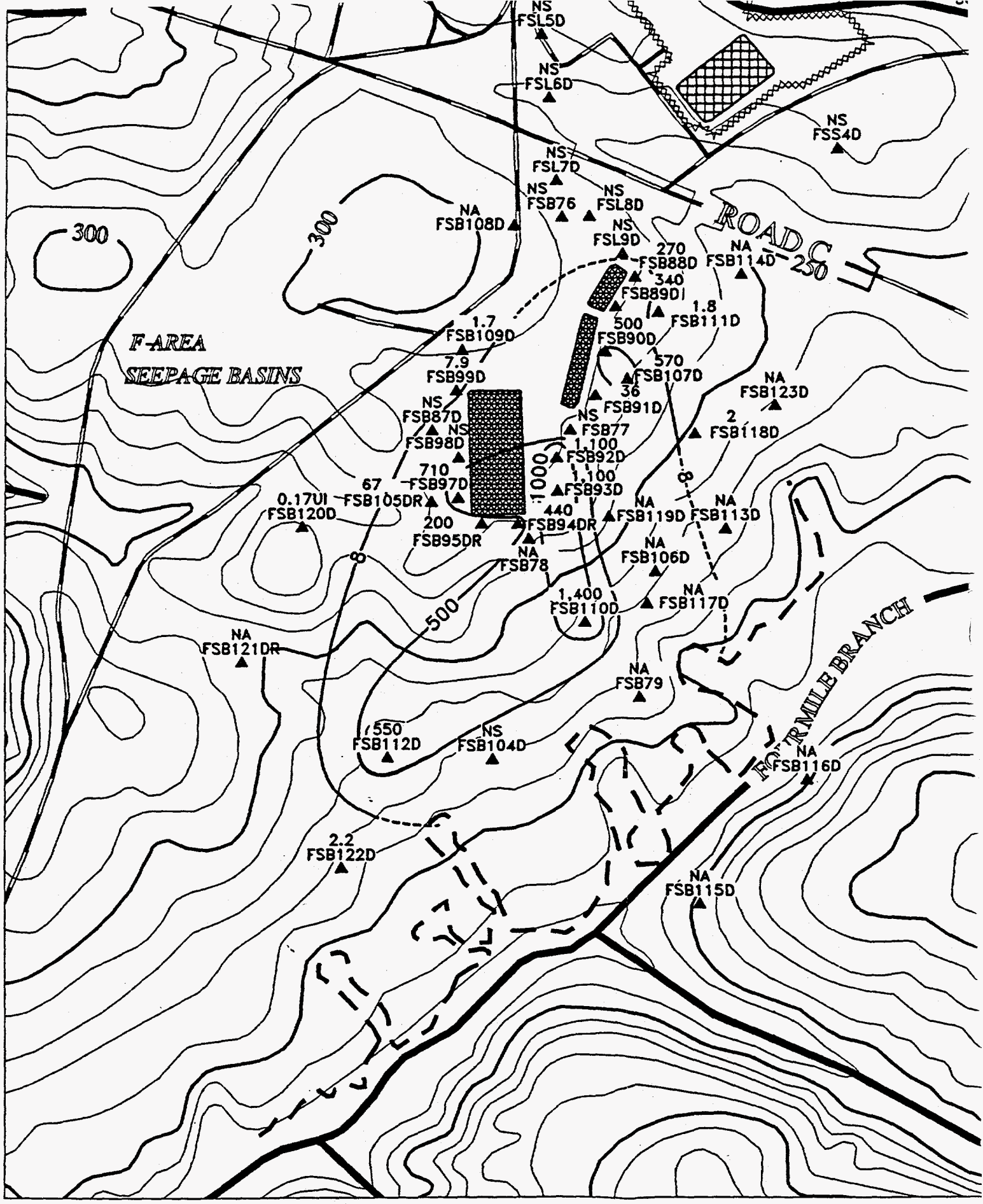
WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

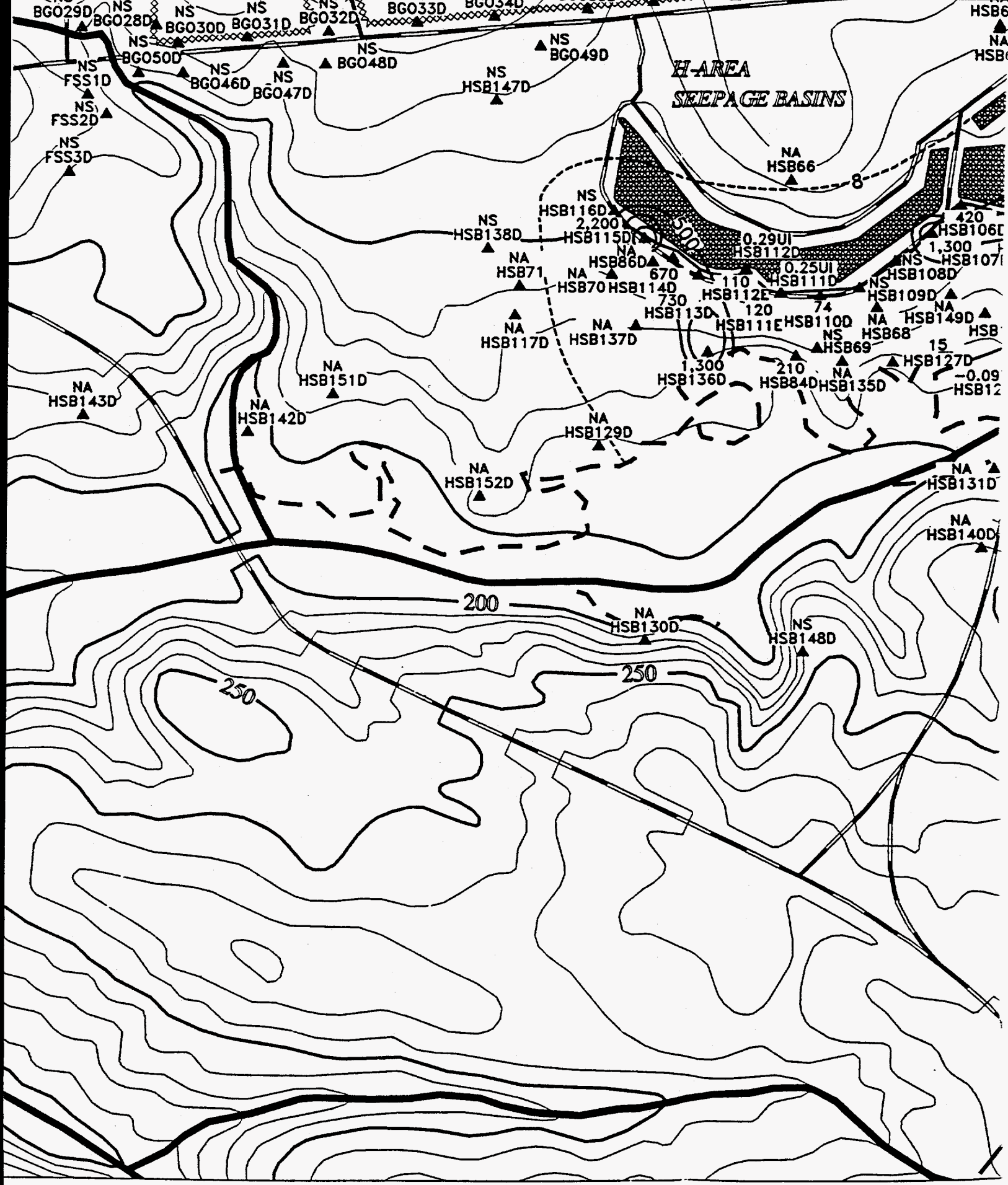
LEGEND

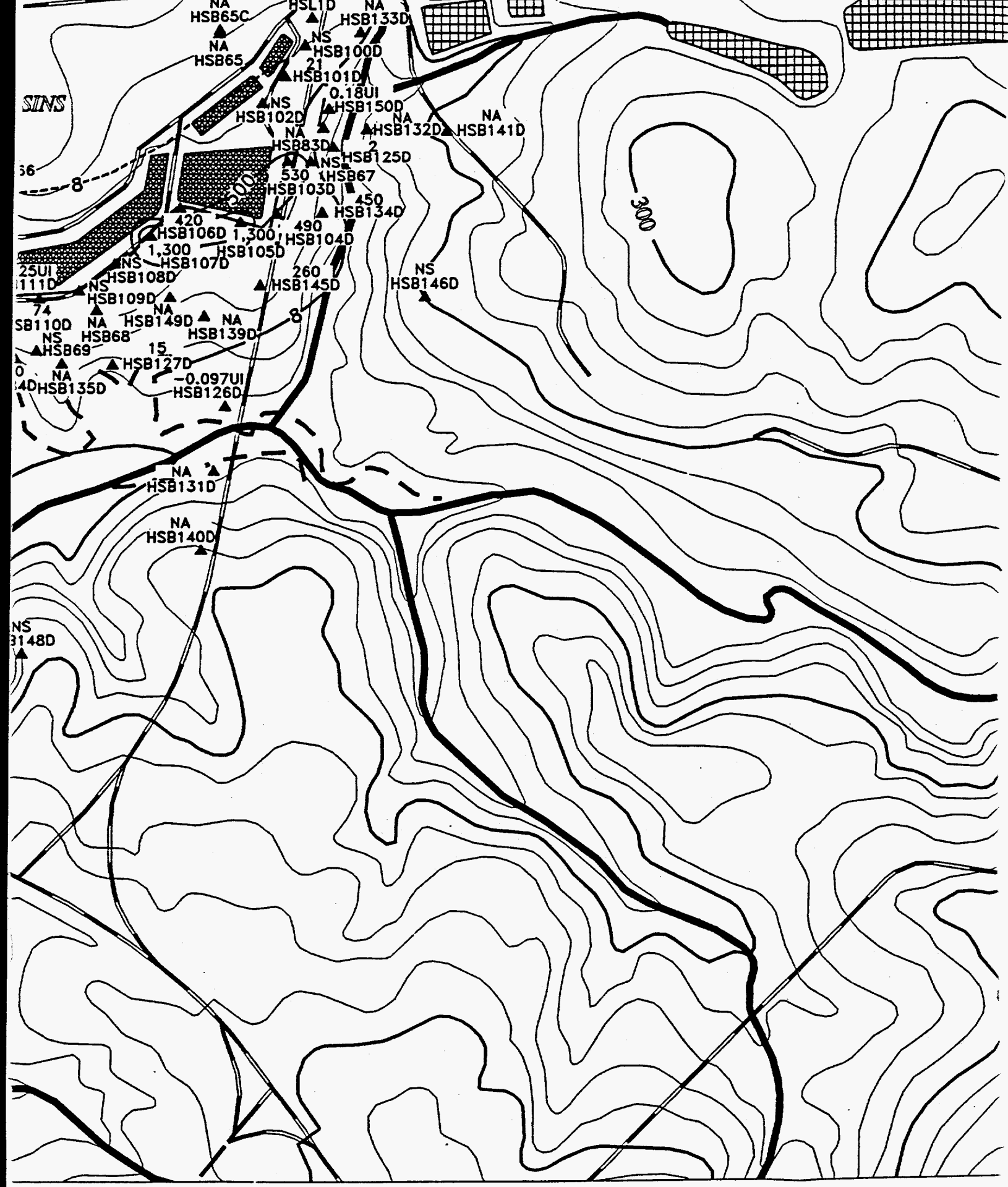
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

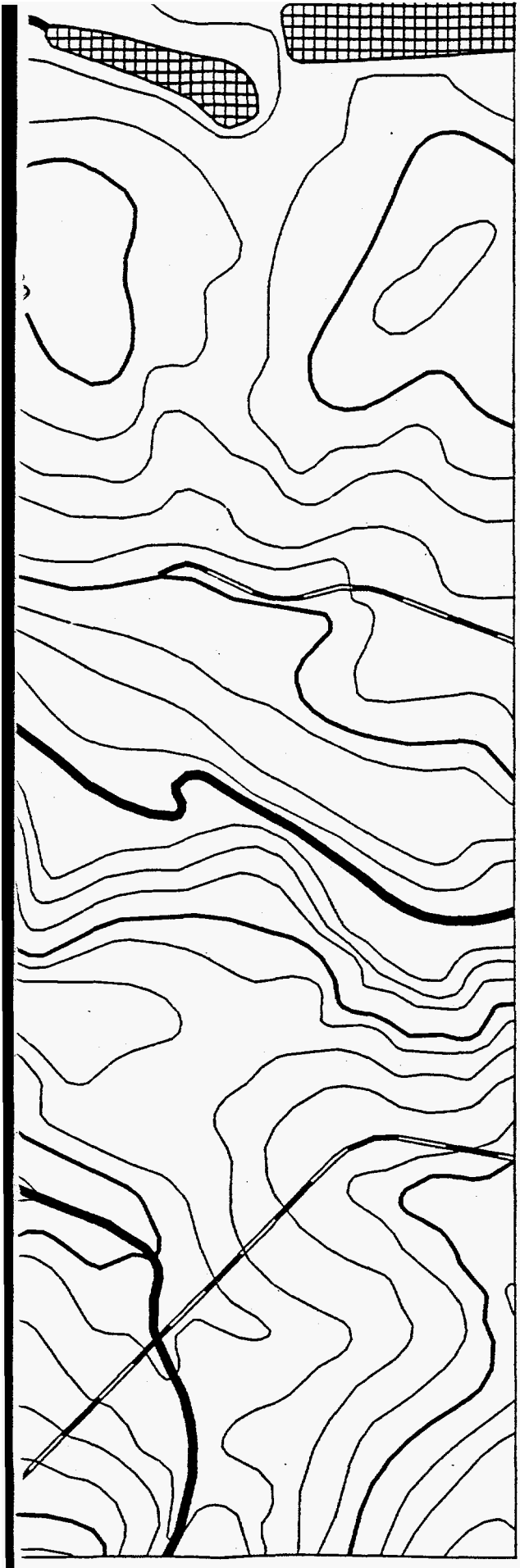
-81.690 -81.638

33.304 33.305


NS FSL5D
NS FSL6D
NS FSS4D
NS FSL7D
NS FSB76
NS FSL8D
NA FSB108D
NS FSL9D
270 FSB88D
NA FSB114D
340 FSB89D
1.8 FSB111D
500 FSB90D
1.7 FSB109D
570 FSB107D
7.9 FSB99D
36 FSB91D
NA FSB123D
NS FSB87D
NS FSB77
2 FSB118D
NS FSB98D
1,100 FSB92D
710 FSB97D
1,100 FSB893D
67 FSB105DR
0.17UI FSB120D
NA FSB119D
NA FSB113D
200 FSB95DR
440 FSB94DR
NA FSB78
NA FSB106D
1,400 FSB110D
NA FSB117D
NA FSB121DR
NA FSB79
1,550 FSB112D
NS FSB104D
NA FSB116D
2.2 FSB122D
NA FSB115D
300
300
500
1000
8
8
ROAD C
F-AREA
SEEPAGE BASINS
FOURMILE BRANCH


H-AREA
SEEPAGE BASINS
BG029D
NS
BG028D
NS
BG030D
NS
BG031D
NS
BG032D
BG033D
BG034D
NS
BG050D
NS
BG046D
NS
BG047D
NS
BG048D
NS
BG049D
NS
FSS1D
NS
FSS2D
NS
FSS3D
NS
HSB147D
NA
HSB66
8
NS
HSB116D
2,200
HSB115D
500
NS
HSB138D
NA
HSB86D
670
HSB114D
0.29UI
HSB112D
0.25UI
HSB111D
110
HSB112E
120
HSB111E
730
HSB113D
74
HSB110D
NA
HSB71
NA
HSB70
NA
HSB117D
NA
HSB137D
1,300
HSB136D
210
HSB84D
NS
HSB69
NA
HSB135D
NA
HSB68
NS
HSB109D
NS
HSB108D
NA
HSB149D
15
HSB127D
420
HSB106D
1,300
HSB107
NA
HSB143D
NA
HSB151D
NA
HSB142D
NA
HSB129D
NA
HSB152D
NA
HSB131D
NA
HSB140D
200
NA
HSB130D
NS
HSB148D
250
250


NA
HSB65C
HSL1D
NA
HSB133D
NS
HSB100D
NA
HSB65
21
HSB101D
0.18UI
SINS
NS
HSB102D
HSB150D
NA
HSB132D
NA
HSB141D
NA
HSB83D
2
HSB125D
NS
530
HSB67
HSB103D
450
HSB134D
420
490
HSB106D
1,300
HSB104D
1,300
HSB105D
NS
HSB107D
HSB108D
260
HSB145D
NS
HSB146D
NS
HSB109D
74
NA
HSB149D
NA
HSB139D
NS
HSB68
HSB69
15
HSB127D
NA
HSB135D
-0.097UI
HSB126D
NA
HSB131D
NA
HSB140D
NS
HSB148D
300



LATITUDE-
LONGITUDE

33.261 33.261

-81.690 -81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

WATER TABLE

CONSTITUENT:

STRONTIUM 90

GWPS = 8 pCi/L

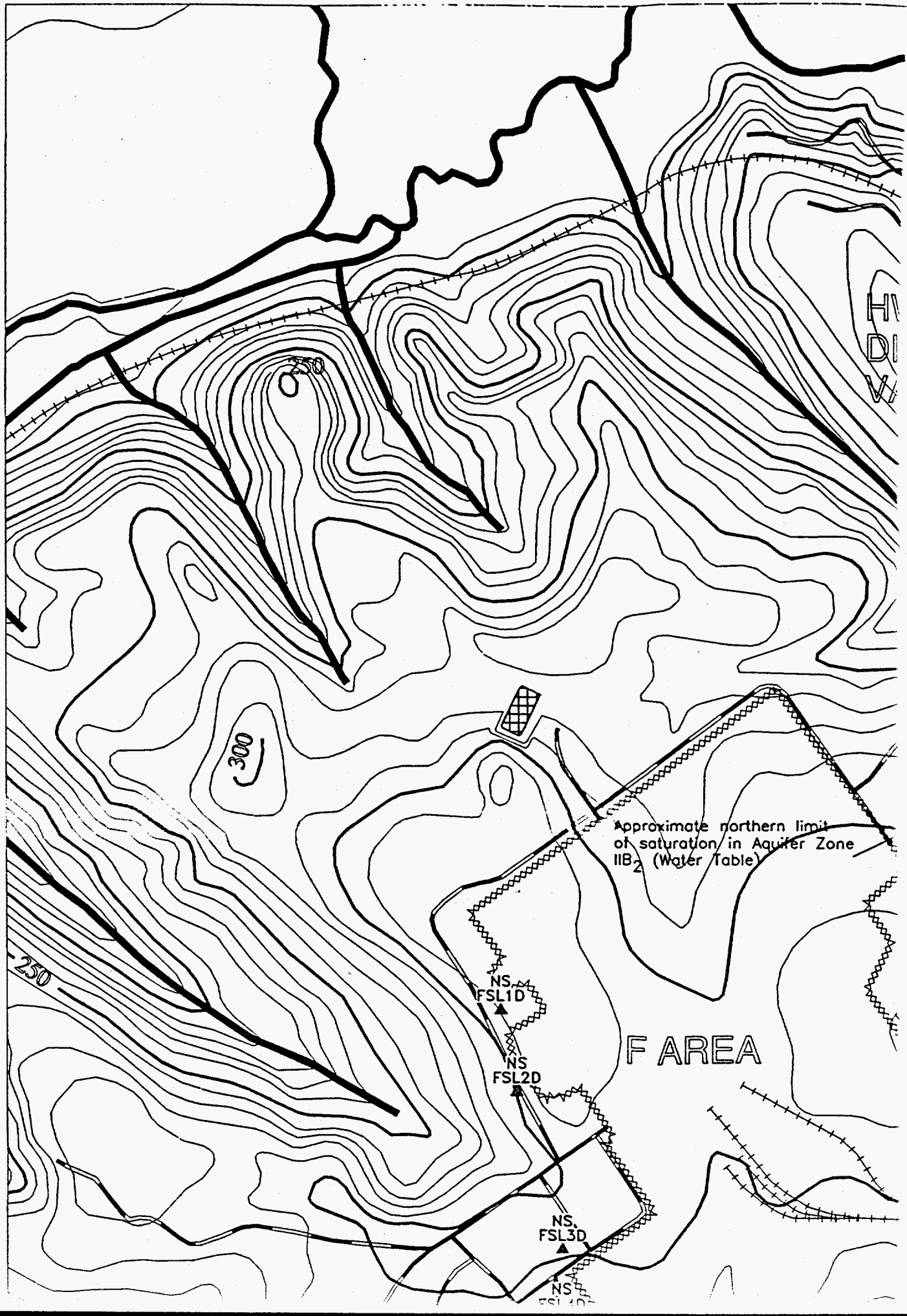
"NS" = Not Sampled

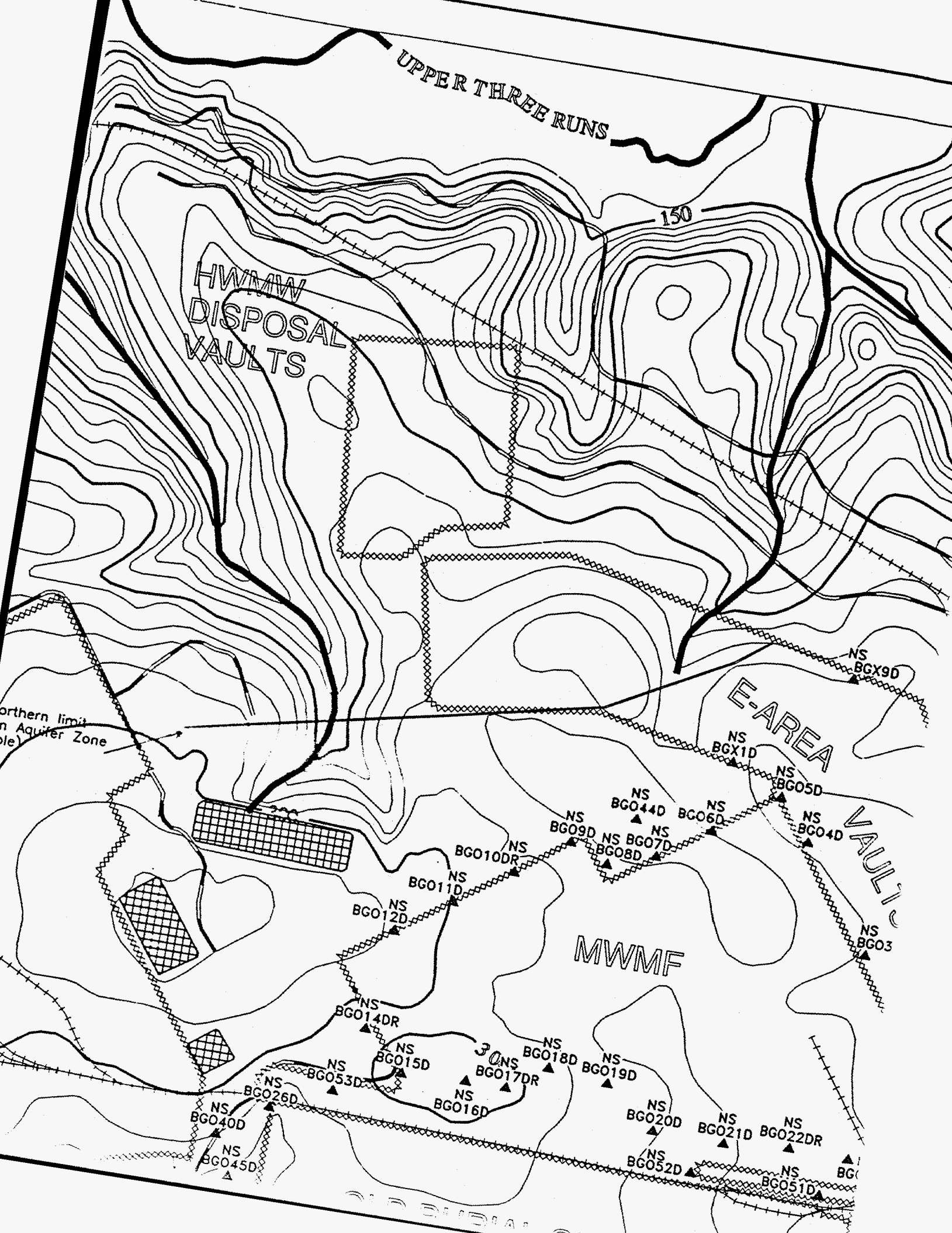
"NA" = Not Analyzed

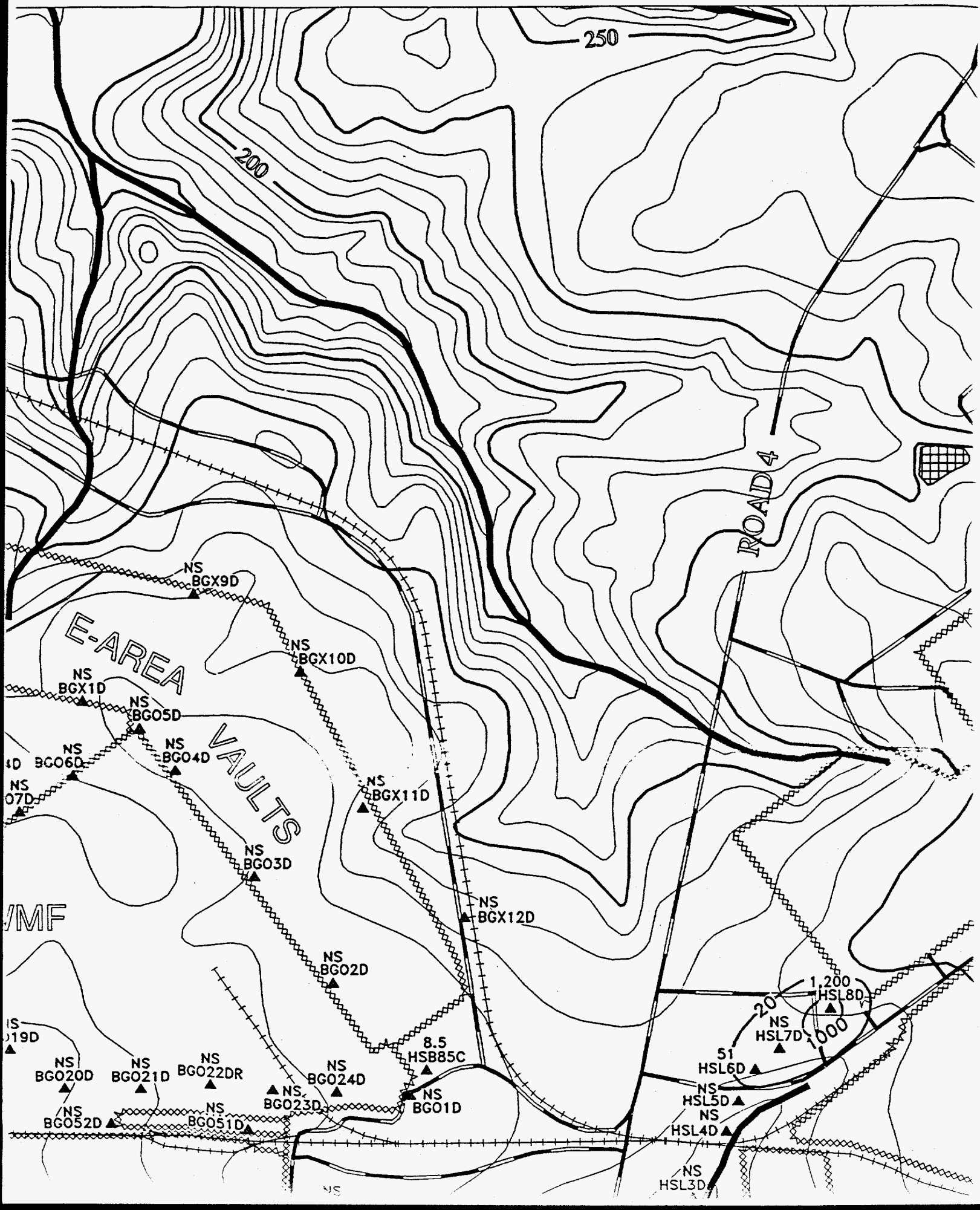
"*" = Wells Not Used to Contour

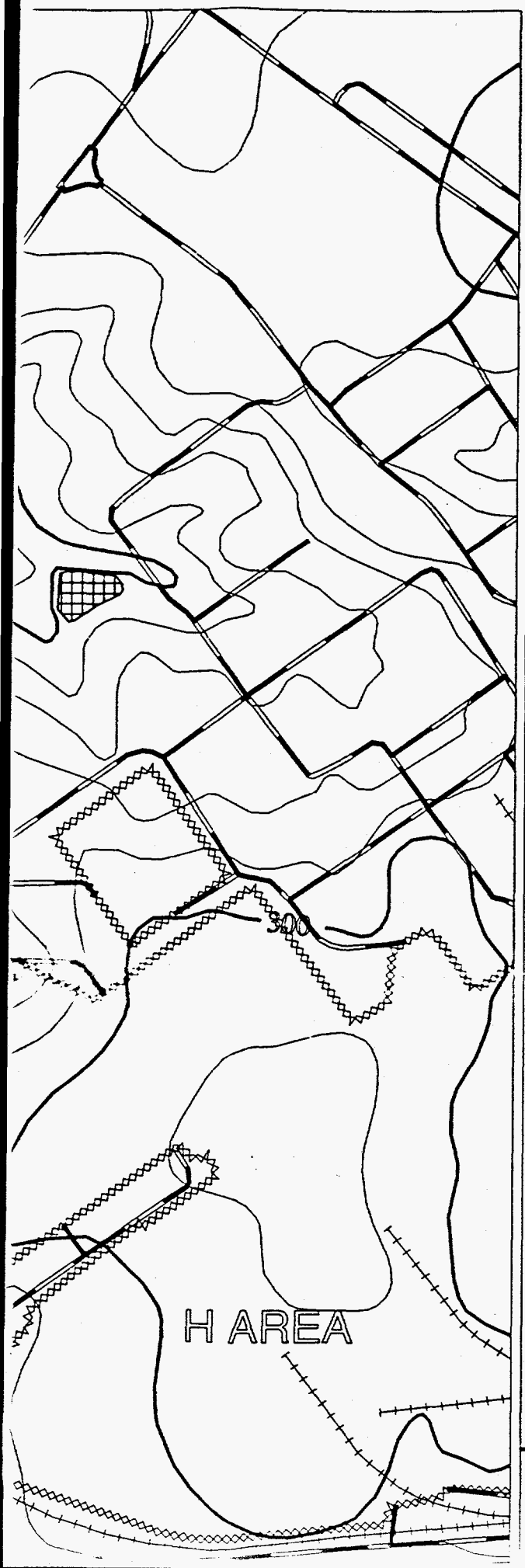
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 8, 500, 1000, 2000 pCi/L


250
300
250
Approximate northern limit of saturation in Aquifer Zone IIB2 (Water Table)
NS FSL1D
NS FSL2D
NS FSL3D
F AREA


UPPER THREE RUNS
150
HWMW
DISPOSAL
VAULTS
NS BGX9D
E-AREA
NS BGX1D
NS BGO5D
NS BGO44D
NS BGO6D
NS BGO4D
NS BGO9D
NS BGO7D
NS BGO8D
NS BGO10DR
NS BGO11D
NS BGO12D
NS BGO3
MWMF
NS BGO14DR
NS BGO15D
NS BGO53D
NS BGO26D
NS BGO40D
NS BGO45D
NS BGO16D
NS BGO17DR
NS BGO18D
NS BGO19D
NS BGO20D
NS BGO21D
NS BGO22DR
NS BGO52D
NS BGO51D


250
200
ROAD 4
E-AREA VAULTS
NS BGX9D
NS BGX10D
NS BGX1D
NS BGO5D
NS BGO6D
NS BGO4D
NS BGX11D
NS BGO3D
NS BGX12D
NS BGO2D
1,200
HSL8D
20
NS HSL7D
1000
51
HSL6D
8.5
HSB85C
NS BGO20D
NS BGO21D
NS BGO22DR
NS BGO24D
NS BGO23D
NS BGO1D
NS BGO52D
NS BGO51D
NS HSL5D
NS HSL4D
NS HSL3D



REFERENCE DOCUMENT

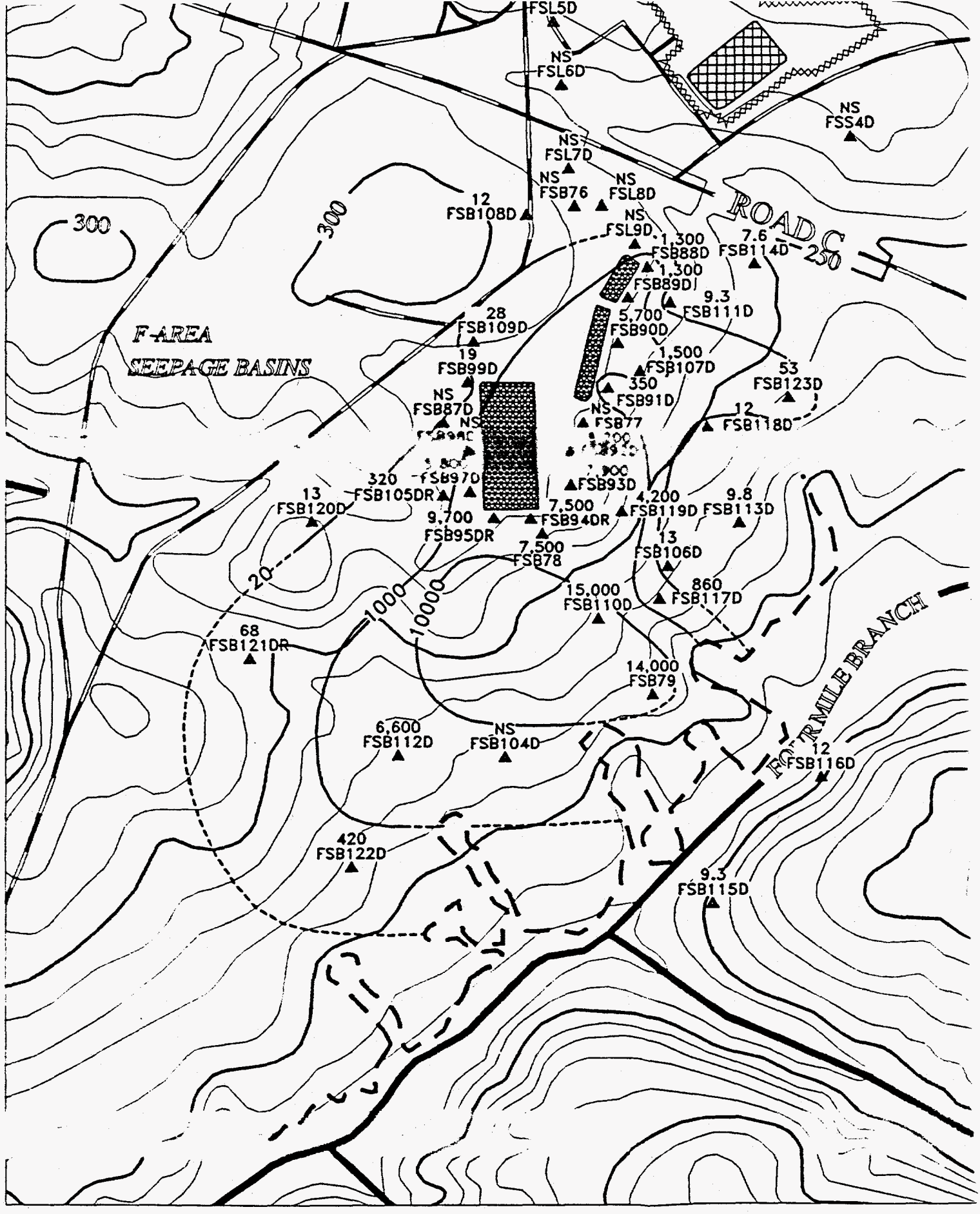
WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

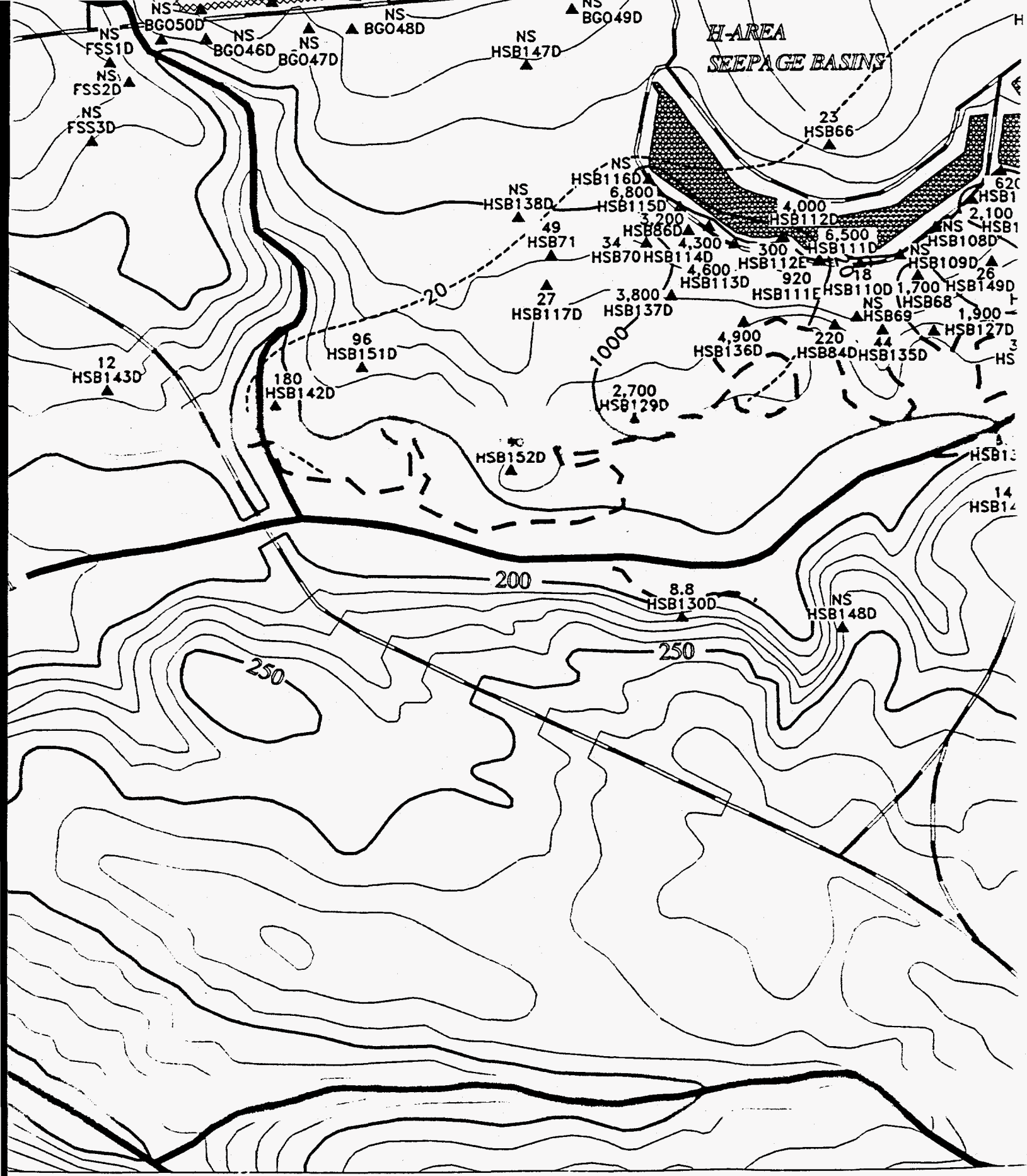
LEGEND

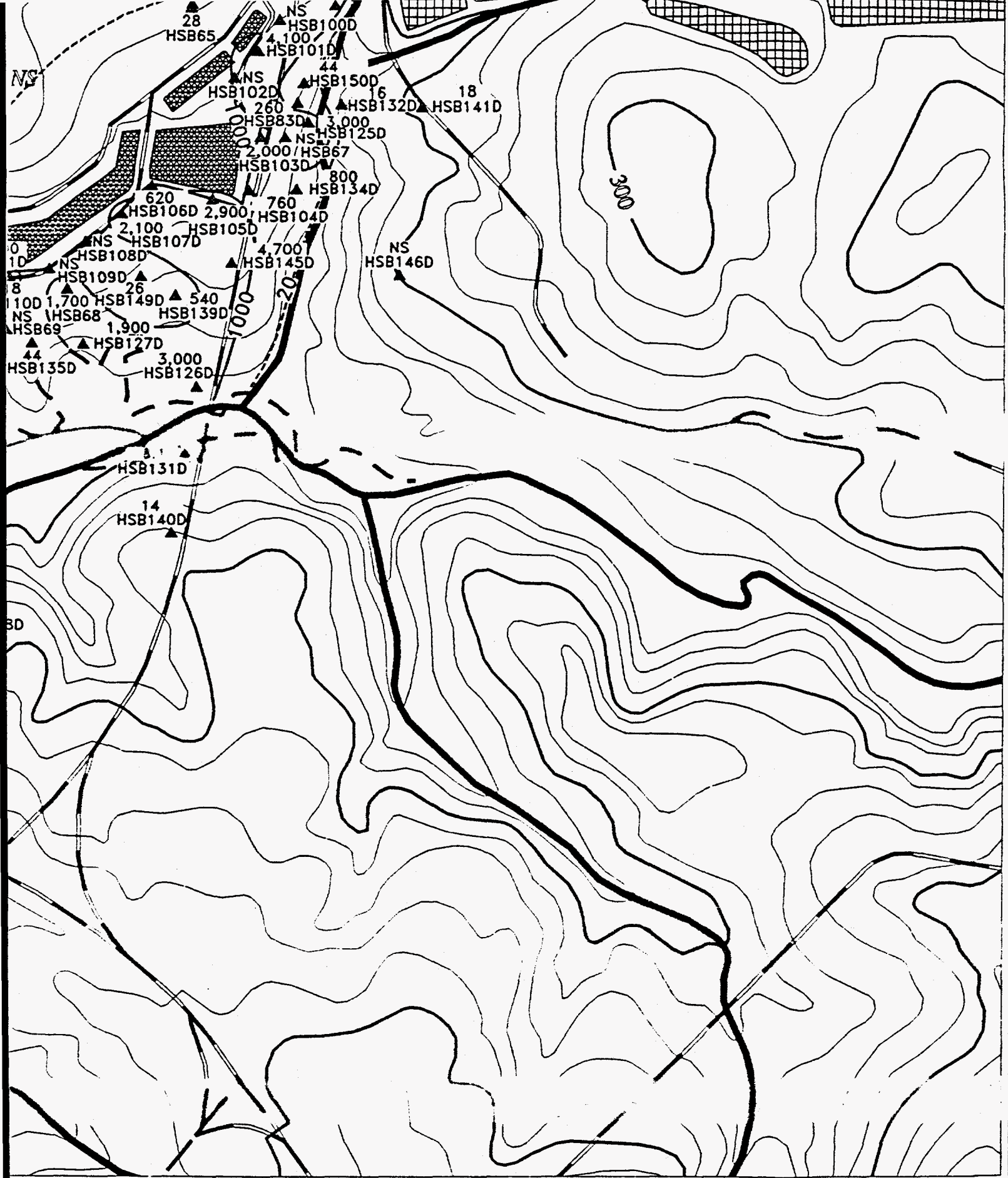
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

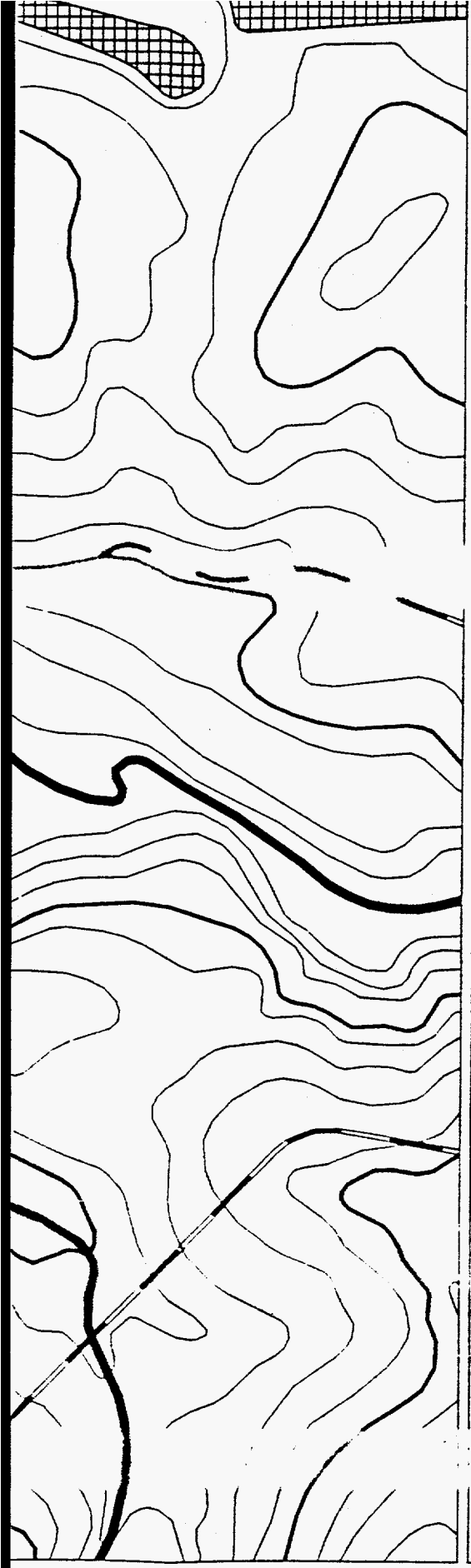
-81.690

-81.638


NS
FSL5D
NS
FSL6D
NS
FSS4D
NS
FSL7D
NS
FSB76
NS
FSL8D
12
FSB108D
300
300
ROAD C
NS
FSL9D
1,300
FSB88D
7.6
FSB114D
1,300
FSB89D
9.3
FSB111D
5,700
FSB90D
28
FSB109D
F-AREA
SEEPAGE BASINS
19
FSB99D
1,500
FSB107D
53
FSB123D
NS
FSB87D
350
FSB91D
NS
FSB77
12
FSB118D
320
FSB97D
FSB93D
13
FSB120D
320
FSB105DR
7,500
FSB94DR
4,200
FSB119D
9.8
FSB113D
9,700
FSB95DR
7,500
FSB78
13
FSB106D
20
1000
10000
15,000
FSB110D
860
FSB117D
68
FSB121DR
14,000
FSB79
FOURMILE BRANCH
6,600
FSB112D
NS
FSB104D
12
FSB116D
420
FSB122D
9.3
FSB115D


H-AREA
SEEPAGE BASINS
NS
FSS1D
NS
FSS2D
NS
FSS3D
NS
BG050D
NS
BG046D
NS
BG047D
NS
BG048D
NS
HSB147D
NS
BG049D
NS
HSB116D
NS
HSB138D
6,800
HSB115D
3,200
HSB86D
49
HSB71
34
HSB70
4,300
HSB114D
4,600
HSB113D
3,800
HSB137D
27
HSB117D
96
HSB151D
12
HSB143D
180
HSB142D
2,700
HSB129D
HSB152D
4,900
HSB136D
220
HSB84D
HSB135D
8.8
HSB130D
NS
HSB148D
23
HSB66
4,000
HSB112D
6,500
HSB111D
300
HSB112E
920
HSB111E
18
HSB110D
NS
HSB109D
1,700
HSB68
NS
HSB69
1,900
HSB127D
2,100
HSB108D
HSB149D
26
20
1000
200
250
250


28
HSB65
NS
HSB100D
4,100
HSB101D
44
HSB150D
NS
HSB102D
260
HSB83D
3,000
HSB125D
NS
2,000
HSB67
HSB103D
800
HSB134D
620
HSB106D
2,900
760
HSB104D
2,100
HSB105D
NS
HSB107D
HSB108D
4,700
HSB145D
NS
HSB109D
26
1,700
HSB149D
540
HSB139D
NS
HSB68
HSB69
1,900
HSB127D
44
HSB135D
3,000
HSB126D
HSB131D
14
HSB140D
16
HSB132D
18
HSB141D
NS
HSB146D
300
1000
20



LONGITUDE

33.261 33.261

-81.690 -81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

WATER TABLE

CONSTITUENT:

TRITIUM

GWPS = 20 pCi/mL

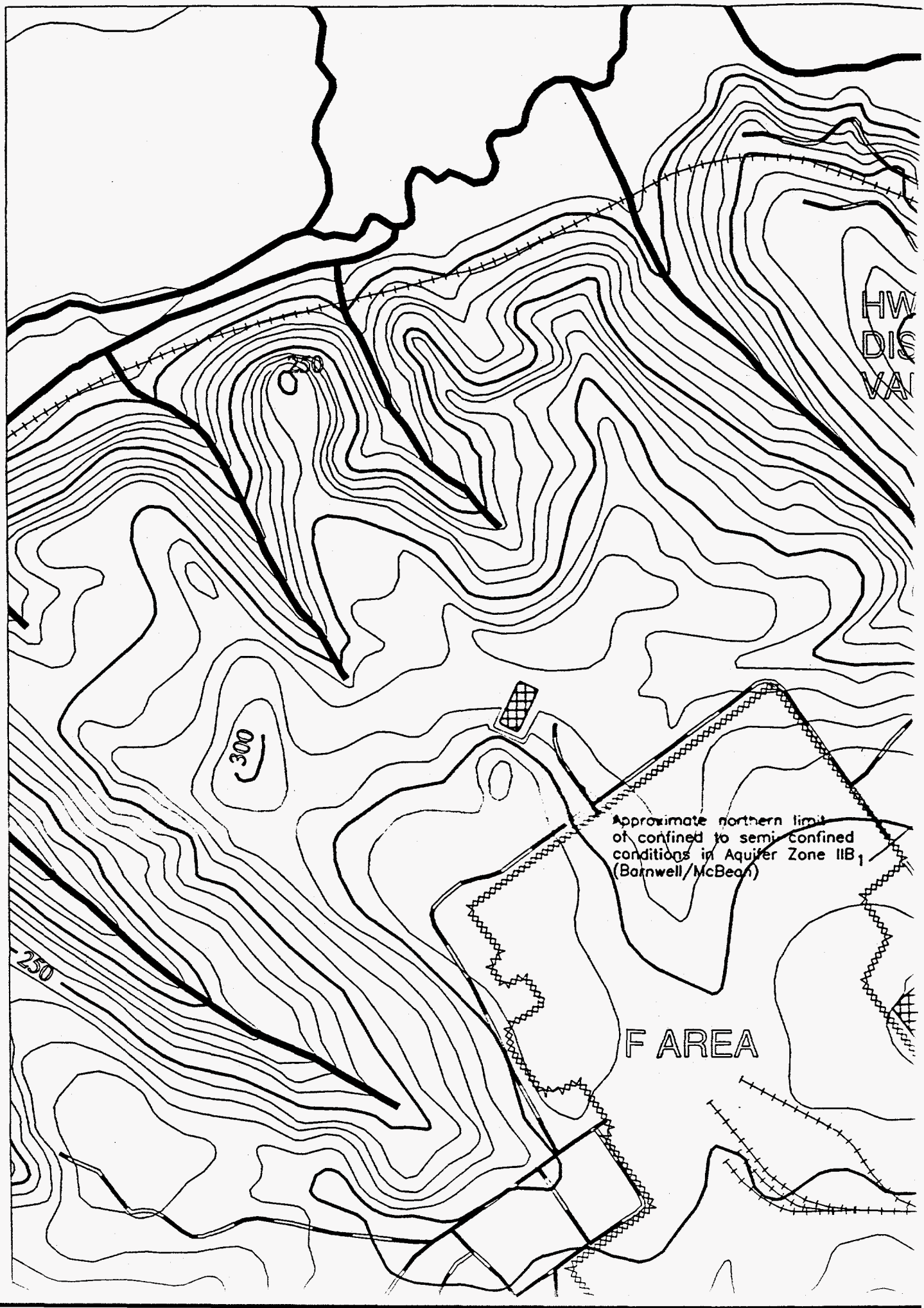
"NS" = Not Sampled

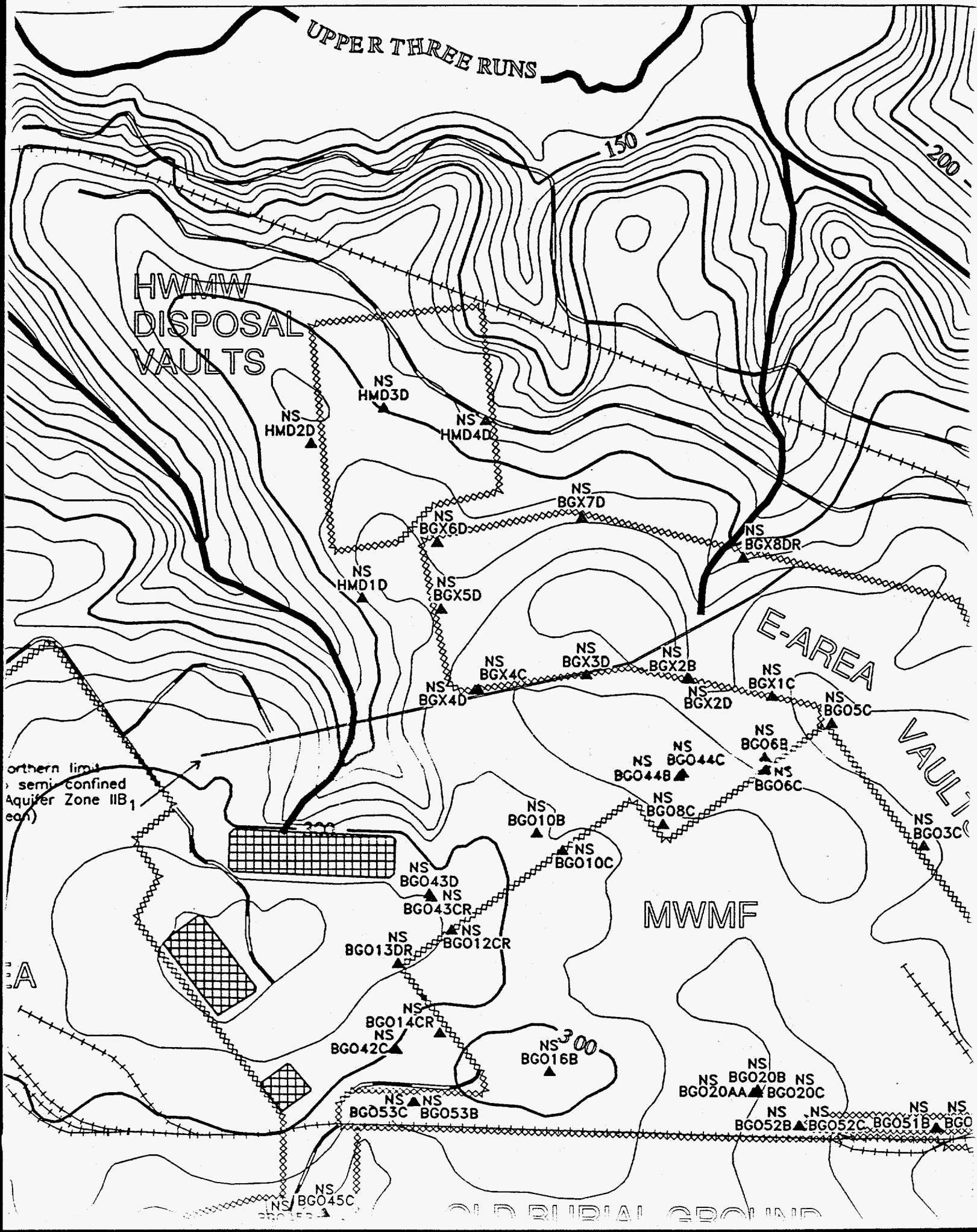
"NA" = Not Analyzed

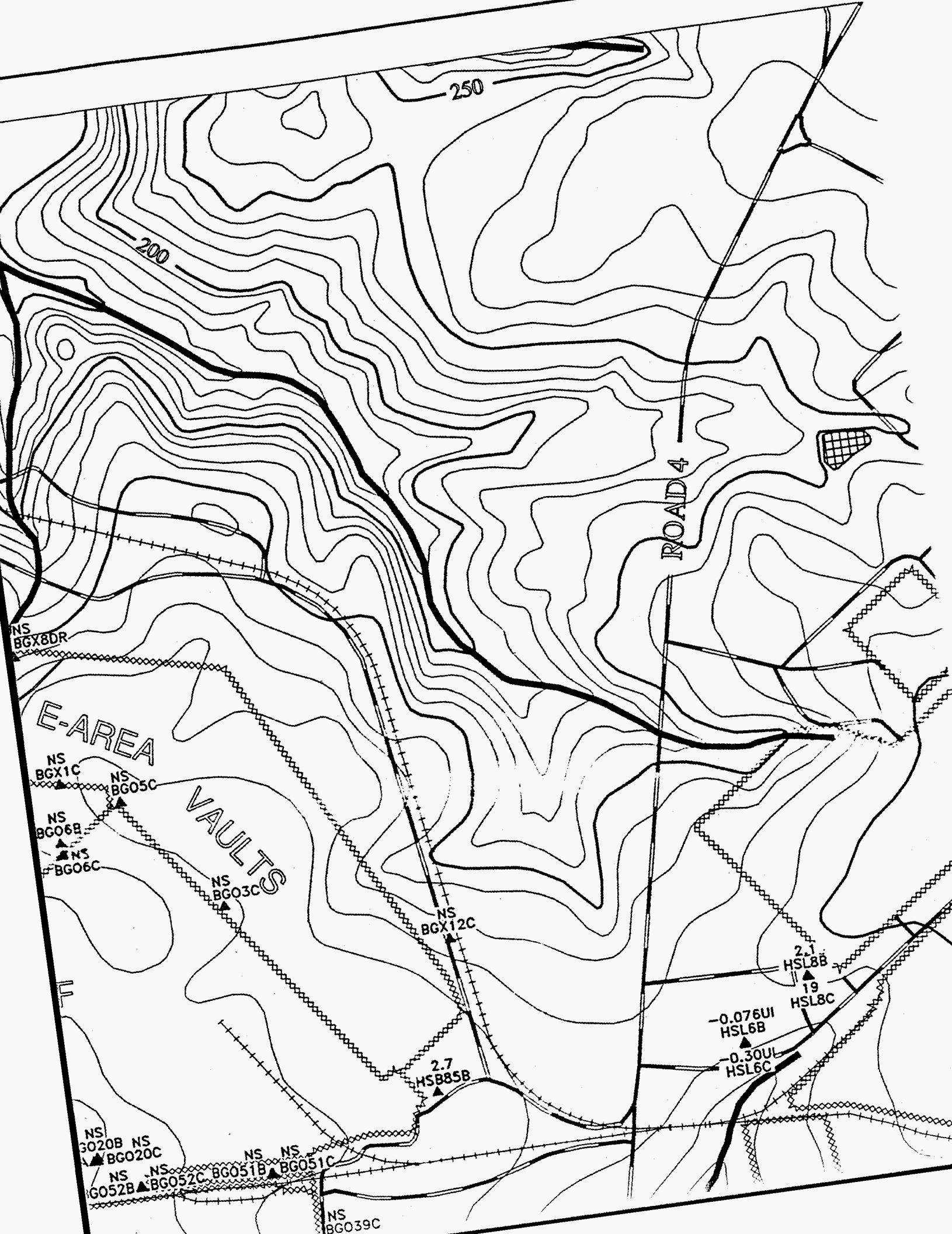
"*" = Wells Not Used to Contour

"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 20, 1000, 10000 pCi/mL


HW
DIS
VA
350
300
250
Approximate northern limit of confined to semi-confined conditions in Aquifer Zone IIB1 (Barnwell/McBean)
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
NS HMD3D
NS HMD2D
NS HMD4D
NS BGX7D
NS BGX6D
NS BGX8DR
NS HMD1D
NS BGX5D
E-AREA
VAULTS
NS BGX4C
NS BGX3D
NS BGX2B
NS BGX4D
NS BGX2D
NS BGX1C
NS BGO5C
NS BGO6B
NS BGO44C
NS BGO44B
NS BGO6C
NS BGO10B
NS BGO8C
NS BGO3C
NS BGO10C
NS BGO43D
NS BGO43CR
MWMF
NS BGO12CR
NS BGO13DR
NS BGO14CR
NS BGO42C
300
NS BGO16B
NS BGO20B
NS BGO20AA
NS BGO20C
NS BGO53C
NS BGO53B
NS BGO52B
NS BGO52C
NS BGO51B
NS BGO45C


250
200
ROAD 4
E-AREA
VAULTS
NS
BGX8DR
NS
BGX1C
NS
BGO5C
NS
BGO6B
NS
BGO6C
NS
BGO3C
NS
BGX12C
2.1
HSL8B
19
HSL8C
-0.076UI
HSL6B
-0.30UL
HSL6C
2.7
HSB85B
NS
GO20B
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BGO20C
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NS
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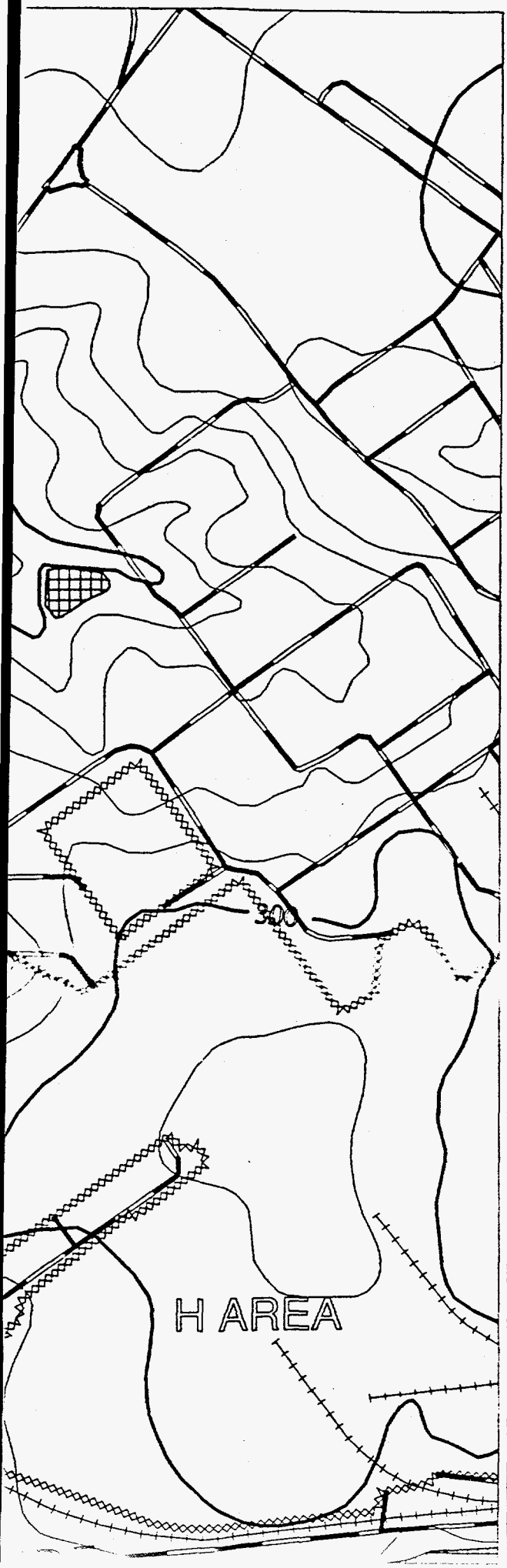
BGO51C
NS
NS
GO52B
BGO52C
NS
BGO39C



REFERENCE DOCUMENT

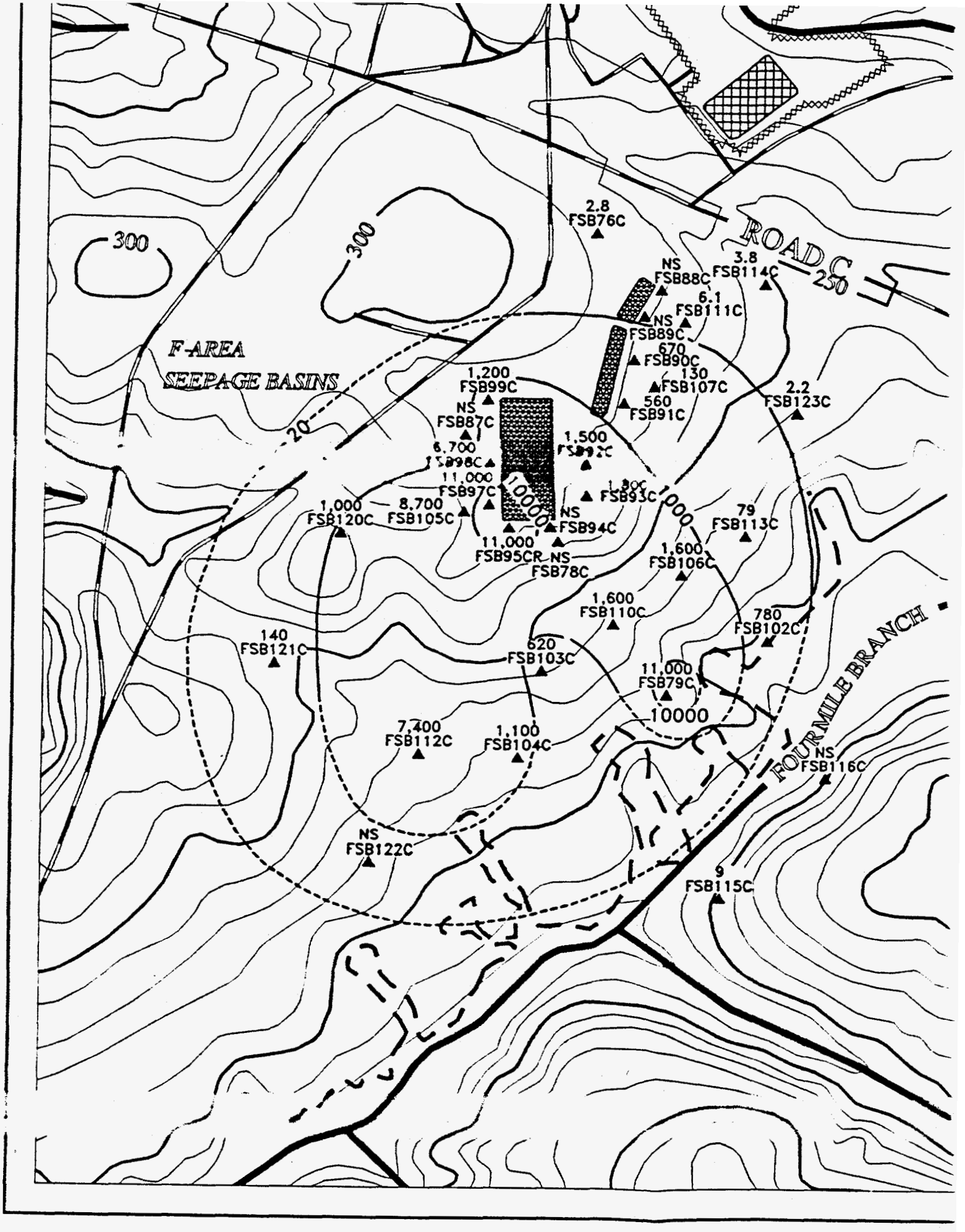
WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

LEGEND

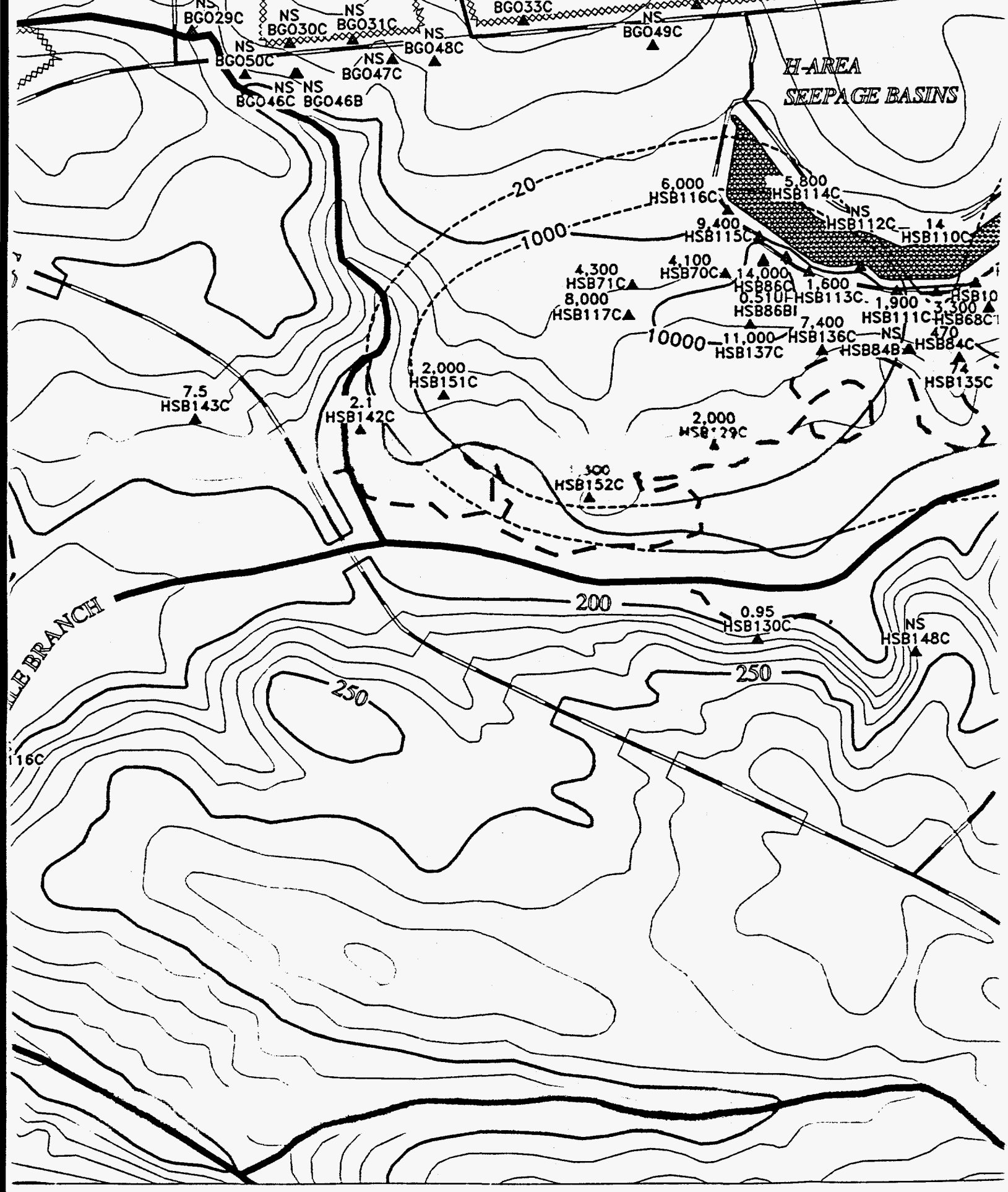
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

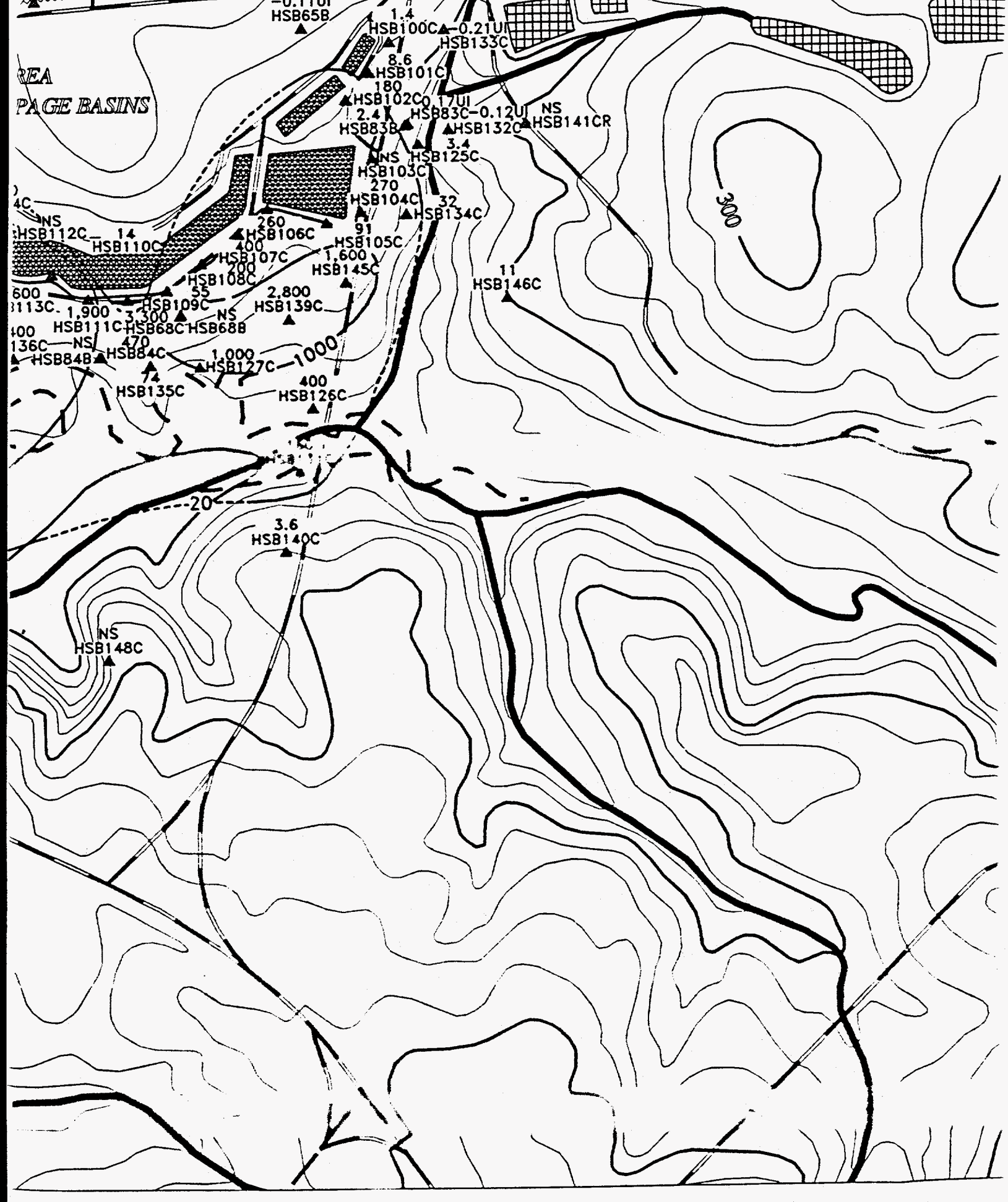
-81.690

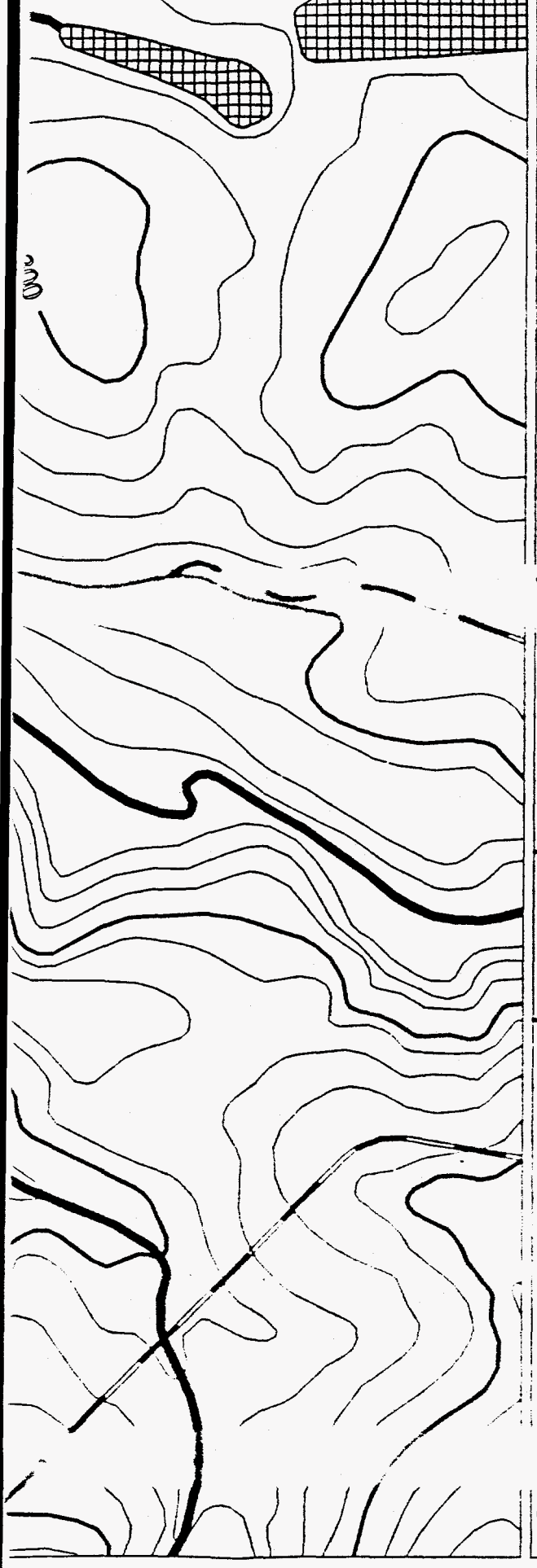
-81.638



300
300
F-AREA
SEEPAGE BASINS
20
ROAD C
250
2.8
FSB76C
NS
FSB88C
3.8
FSB114C
6.1
FSB111C
NS
FSB89C
670
FSB90C
130
FSB107C
560
FSB91C
2.2
FSB123C
1,200
FSB99C
NS
FSB87C
6,700
FSB98C
11,000
FSB97C
1,500
FSB92C
1,800
FSB93C
10000
1000
1,000
FSB120C
8,700
FSB105C
NS
FSB94C
11,000
FSB95CR
NS
FSB78C
79
FSB113C
1,600
FSB106C
1,600
FSB110C
780
FSB102C
140
FSB121C
620
FSB103C
11,000
FSB79C
10000
FOUR MILE BRANCH
7,400
FSB112C
1,100
FSB104C
NS
FSB116C
NS
FSB122C
9
FSB115C


H-AREA
SEEPAGE BASINS
BG029C
BG030C
BG031C
BG033C
BG049C
BG048C
BG050C
BG047C
BG046C
BG046B
20
1000
10000
6,000
HSB116C
5,800
HSB114C
NS
HSB112C
14
HSB110C
9,400
HSB115C
4,300
HSB71C
4,100
HSB70C
14,000
HSB86C
1,600
8,000
HSB117C
0.51U
HSB113C
1,900
3,300
HSB10
HSB86BI
HSB111C
HSB68C
7,400
11,000
HSB137C
HSB136C
NS
470
HSB84C
HSB84B
74
HSB135C
2,000
HSB151C
7.5
HSB143C
2.1
HSB142C
2,000
300
HSB152C
200
0.95
HSB130C
NS
HSB148C
250
250
116C


REA
PAGE BASINS
HSB65B
HSB100C
HSB133C
HSB101C
HSB102C
HSB83B
HSB83C
HSB132C
HSB141CR
HSB125C
HSB103C
HSB104C
HSB134C
HSB106C
HSB105C
HSB107C
HSB145C
HSB108C
HSB146C
HSB109C
HSB139C
HSB111C
HSB68C
HSB68B
HSB84C
HSB84B
HSB127C
HSB135C
HSB126C
HSB140C
HSB148C
HSB112C
HSB110C
300
1000
20



LATITUDE-
LONGITUDE

33.261 33.261

-81.690 -81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

BARNWELL/McBEAN

CONSTITUENT:

TRITIUM

GWPS = 20 pCi/mL

"NS" = Not Sampled

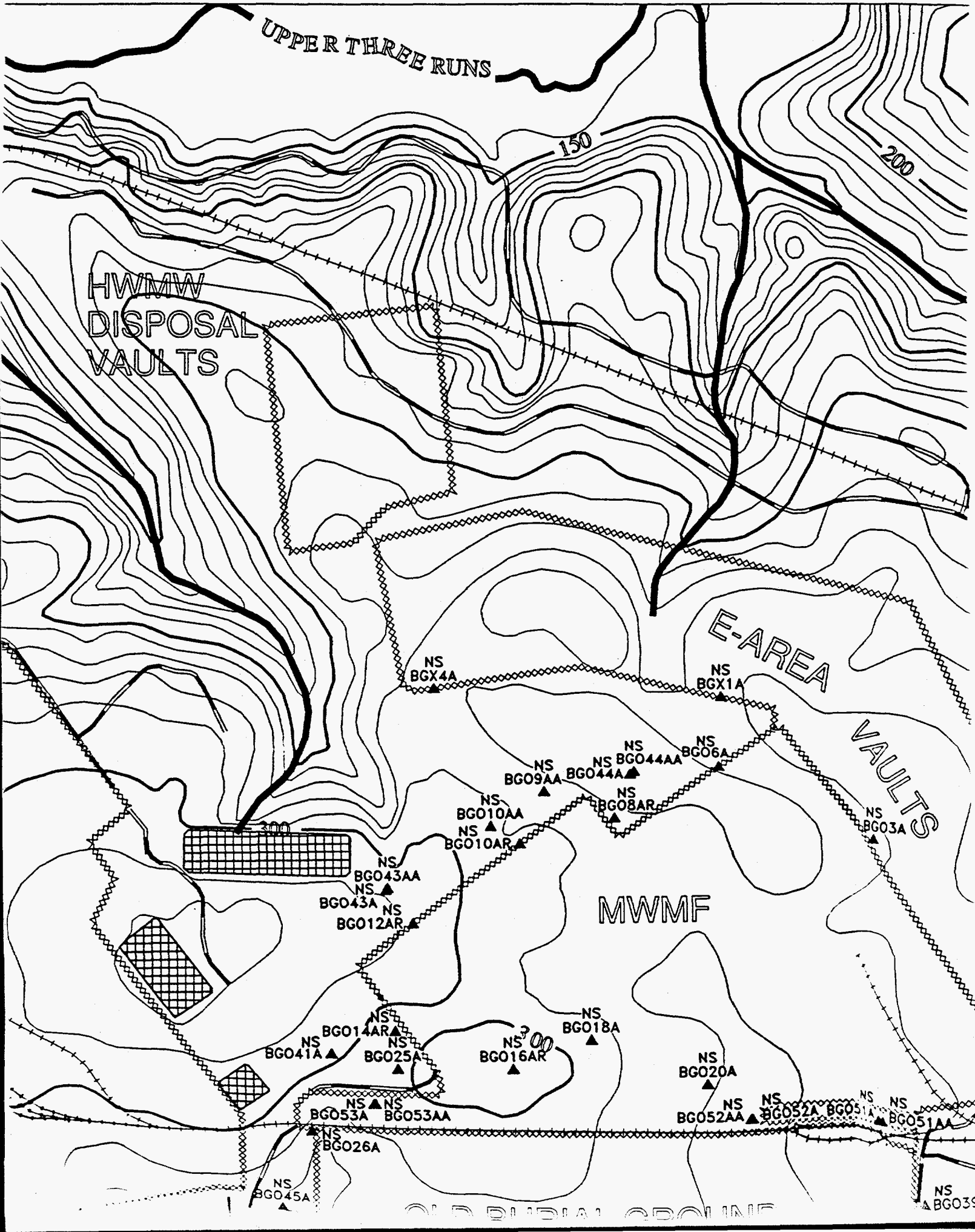
"NA" = Not Analyzed

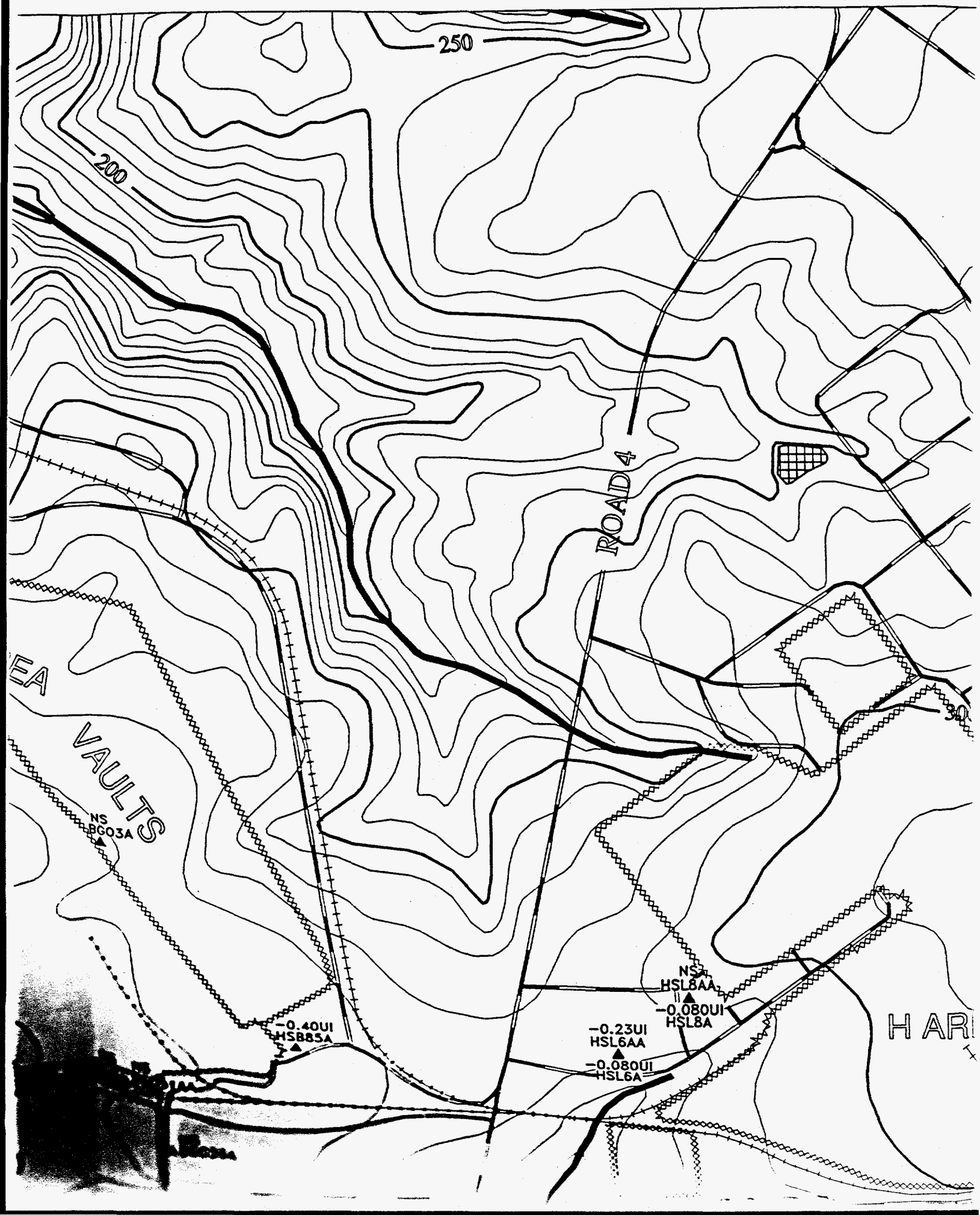
"*" = Wells Not Used to Contour

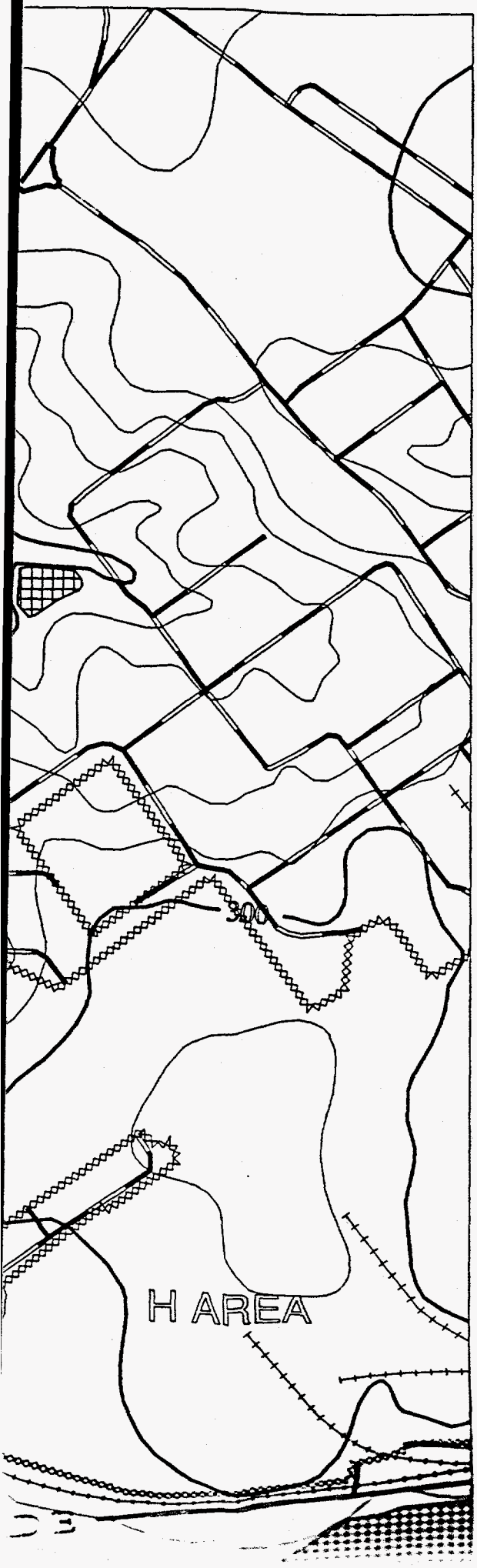
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 20, 1000, 10000 pCi/mL

HWMW
DISPOS
VAULTS
250
300
250
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
E-AREA
VAULTS
MWMF
300
300
NS BGX4A
NS BGX1A
NS BGO44AA
NS BGO6A
NS BGO9AA
NS BGO44A
NS BGO10AA
NS BGO8AR
NS BGO10AR
NS BGO3A
NS BGO43AA
NS BGO43A
NS BGO12AR
NS BGO14AR
NS BGO41A
NS BGO25A
NS BGO18A
NS BGO16AR
NS BGO20A
NS BGO53A
NS BGO53AA
NS BGO52AA
NS BGO52A
NS BGO51A
NS BGO51AA
NS BGO26A
NS BGO45A
NS BGO39


250
200
ROAD 4
EA
VAULTS
NS
BG03A
-0.40UI
HSB85A
NS
HSL8AA
-0.080UI
HSL8A
-0.23UI
HSL6AA
-0.080UI
HSL6A
H AR

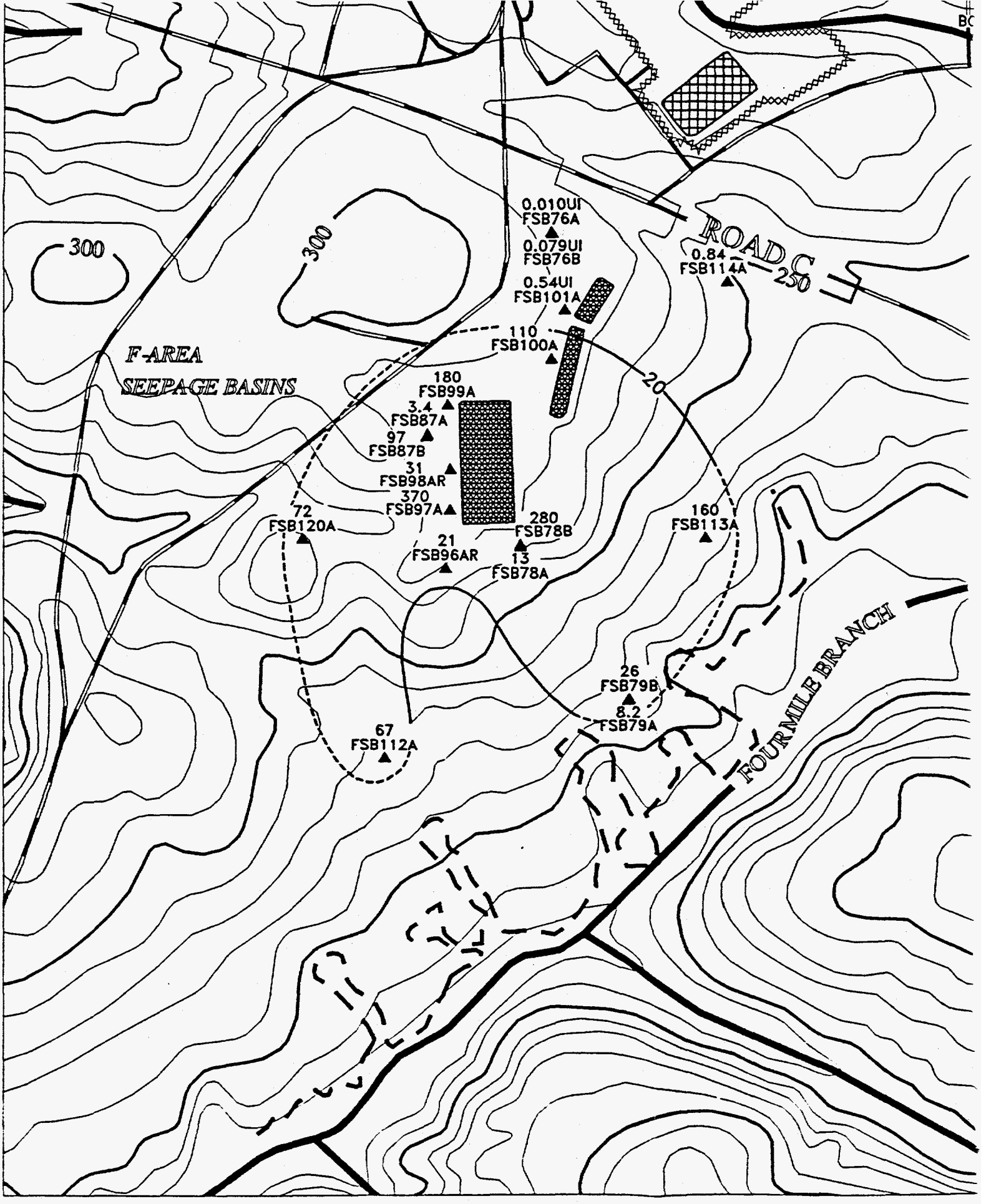


REFERENCE DOCUMENT

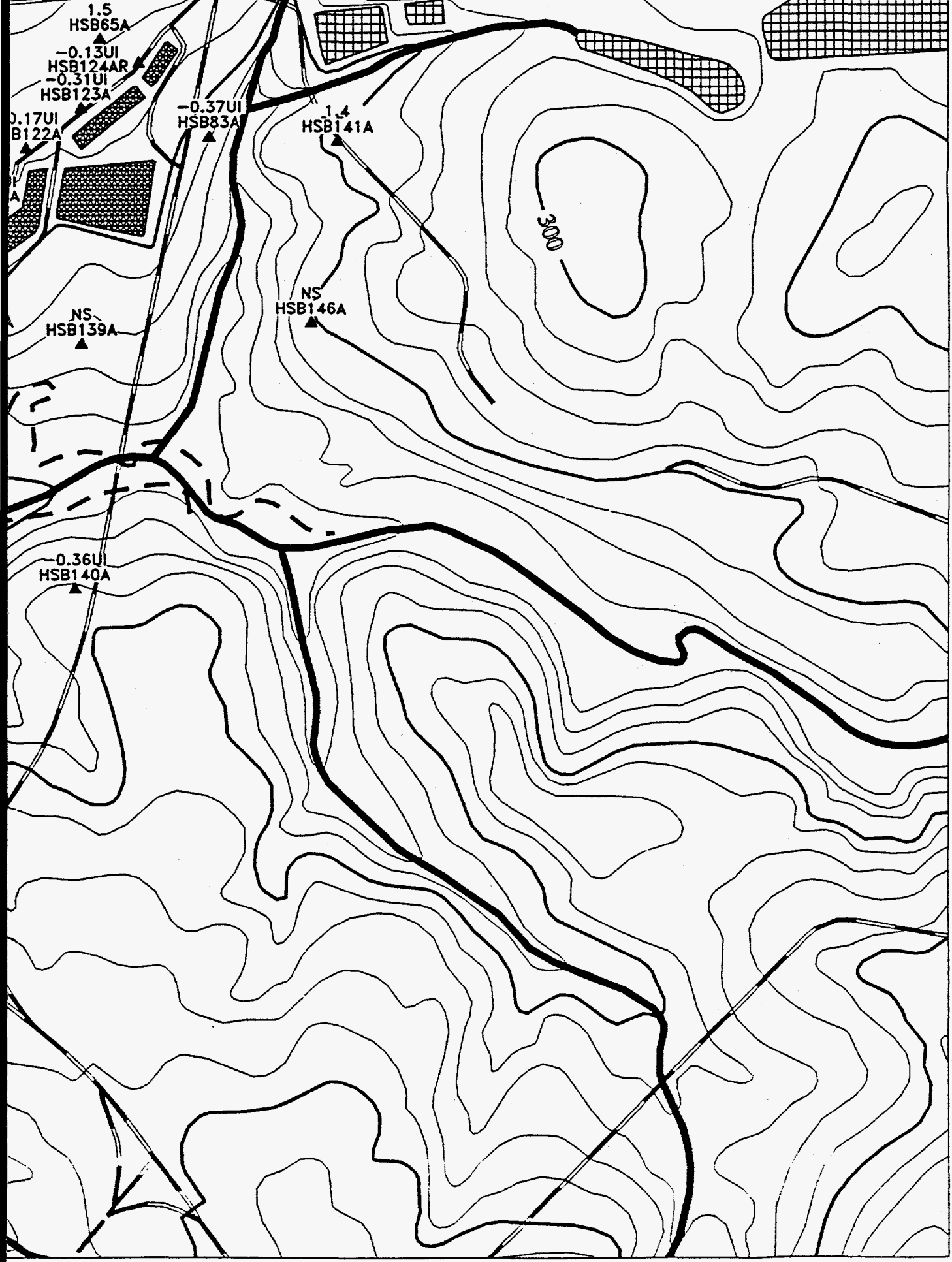
WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

LEGEND

- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL


0.010UI
FSB76A
0.079UI
FSB76B
0.54UI
FSB101A
110
FSB100A
180
FSB99A
3.4
FSB87A
97
FSB87B
31
FSB98AR
370
FSB97A
72
FSB120A
21
FSB96AR
280
FSB78B
13
FSB78A
0.84
FSB114A
160
FSB113A
26
FSB79B
8.2
FSB79A
67
FSB112A
F-AREA
SEEPAGE BASINS
ROAD C
FOURMILE BRANCH
300
300
250
20

NS
GO29A
NS
BGO50A
NS
BGO47A
NS
BGO49A
-0.13UI
HSB120A
H-AREA
SEEPAGE BASINS
HSB65A
-0.13UI
HSB124AR
-0.31UI
HSB123A
-0.17UI
HSB122A
490
HSB119A
-0.47UI
HSB121A
8,400
HSB118A
1000
0.86
HSB86A
-0.093UI
HSB117A
20
150
HSB144A
0.89
HSB68A
NS
HSB139A
-0.19UI
HSB69A
10
HSB84A
-0.36UI
HSB140A
200
250
250



0

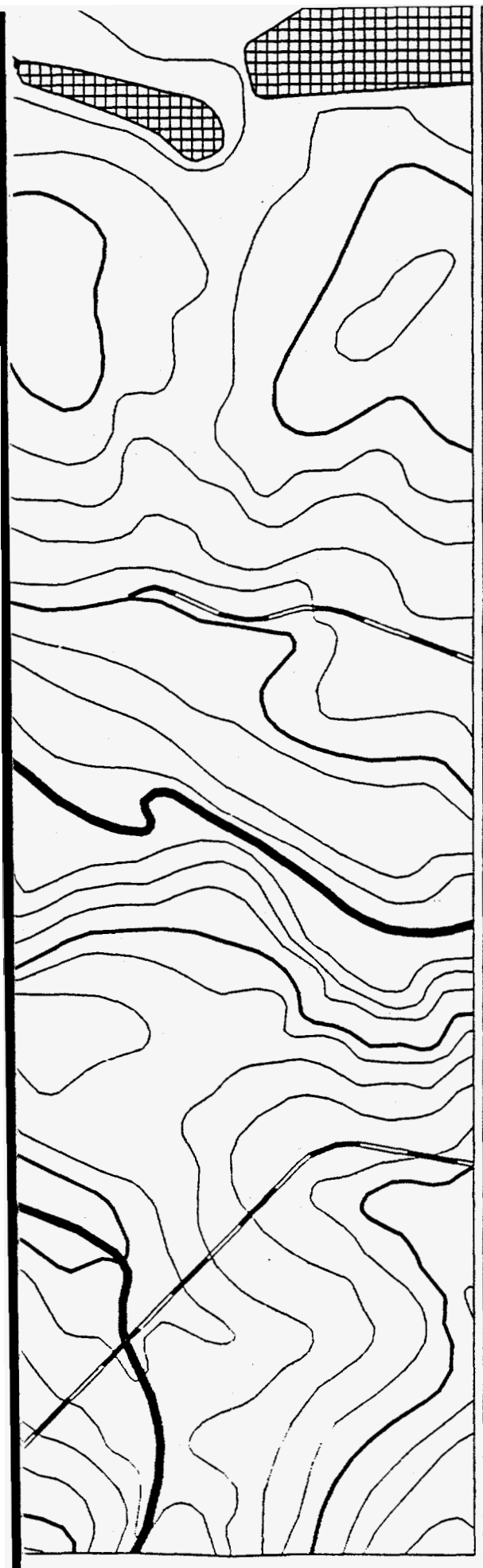
TITLE:
SA
GE
AR

AQUIF

CONST
TR
GW

"NS
"NA
"*"
"UI

Contour



LATITUDE-
LONGITUDE

33.261 33.261

-81.690 -81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

CONGAREE

CONSTITUENT:

TRITIUM

GWPS = 20 pCi/mL

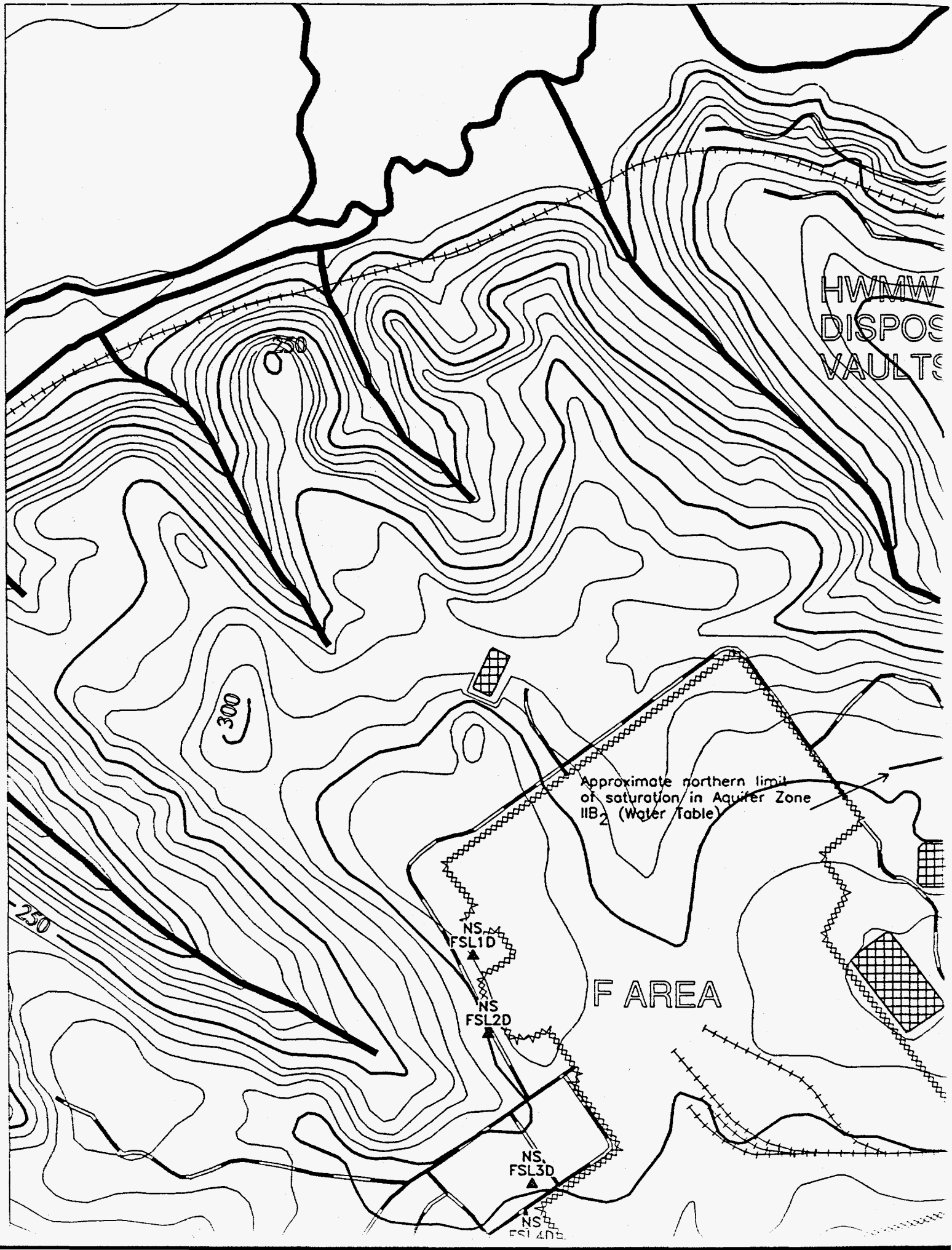
"NS" = Not Sampled

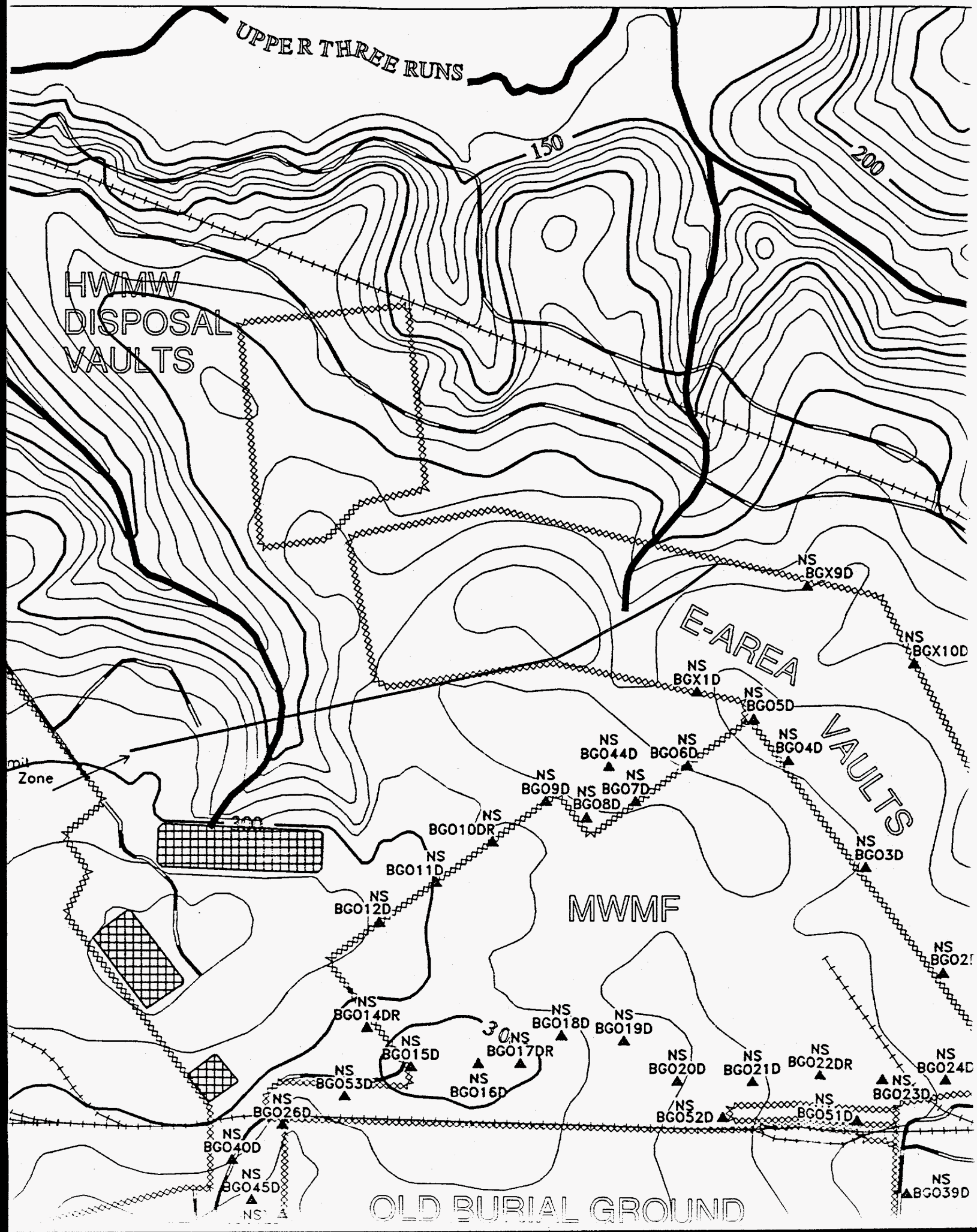
"NA" = Not Analyzed

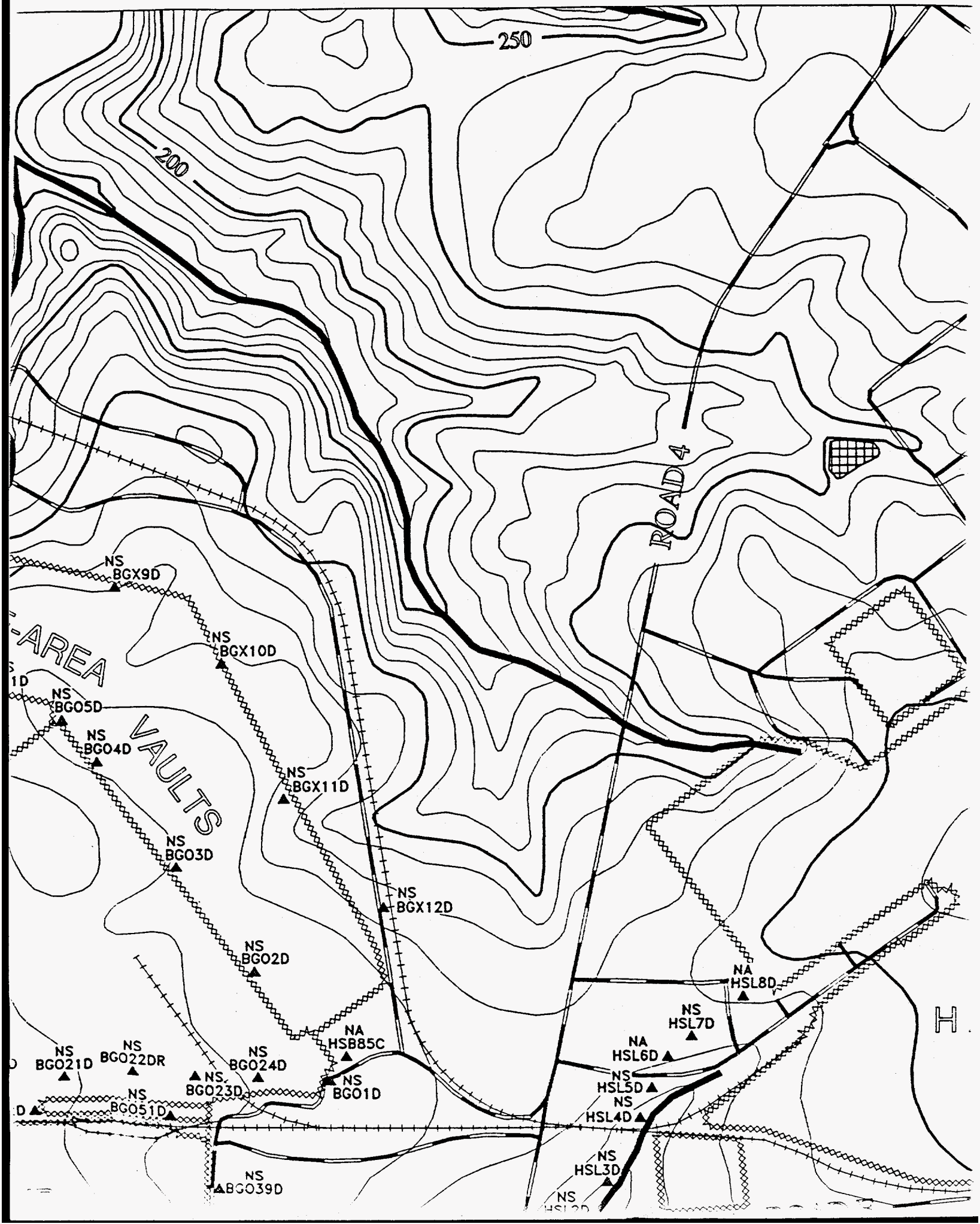
"*" = Wells Not Used to Contour

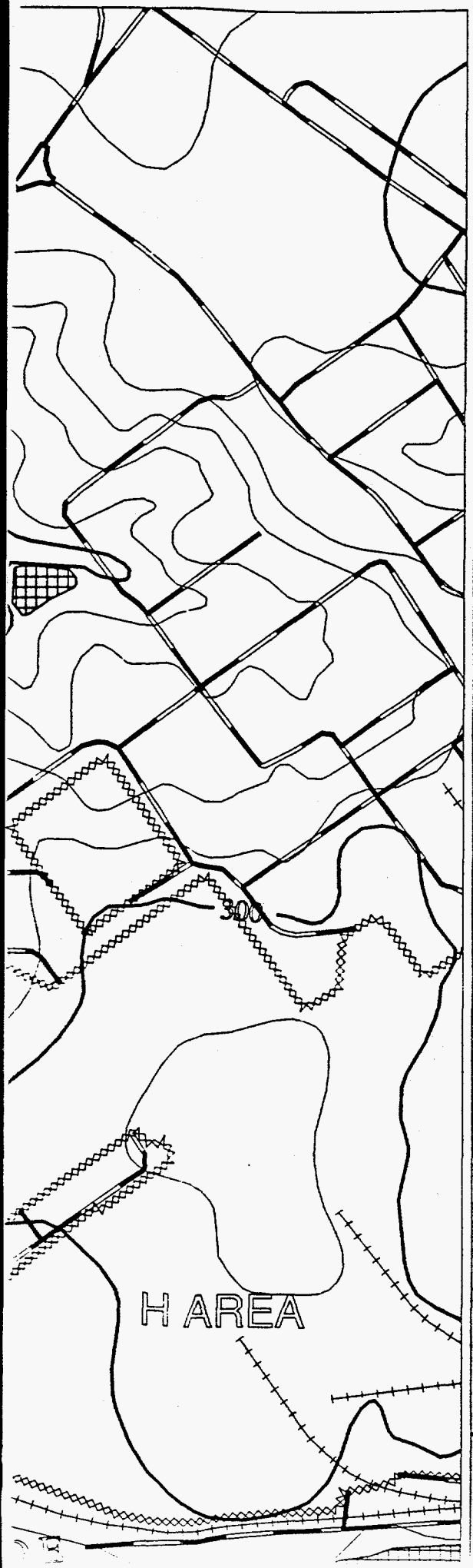
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 20, 1000, 10000 pCi/mL


HWMW
DISPOS
VAULTS
250
300
250
Approximate northern limit of saturation in Aquifer Zone IIB_2 (Water Table)
NS FSL1D
NS FSL2D
NS FSL3D
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
NS BGX9D
E-AREA
VAULTS
NS BGX10D
NS BGX1D
NS BGO5D
NS BGO44D
NS BGO6D
NS BGO4D
Zone
NS BGO9D
NS BGO7D
NS BGO8D
NS BGO10DR
NS BGO3D
NS BGO11D
NS BGO12D
MWMF
NS BGO14DR
NS BGO18D
NS BGO19D
NS BGO15D
NS BGO17DR
NS BGO20D
NS BGO21D
NS BGO22DR
NS BGO24D
NS BGO53D
NS BGO16D
NS BGO23D
NS BGO26D
NS BGO52D
NS BGO51D
NS BGO40D
NS BGO45D
NS BGO39D
OLD BURIAL GROUND


250
200
ROAD 4
-AREA
VAULTS
NS BGX9D
NS BGX10D
1D
NS BGO5D
NS BGO4D
NS BGX11D
NS BGO3D
NS BGX12D
NS BGO2D
NA HSL8D
NS HSL7D
NA HSL6D
NA HSB85C
NS BGO21D
NS BGO22DR
NS BGO24D
NS BGO23D
NS BGO1D
NS HSL5D
NS HSL4D
NS BGO51D
NS HSL3D
NS BGO39D
H



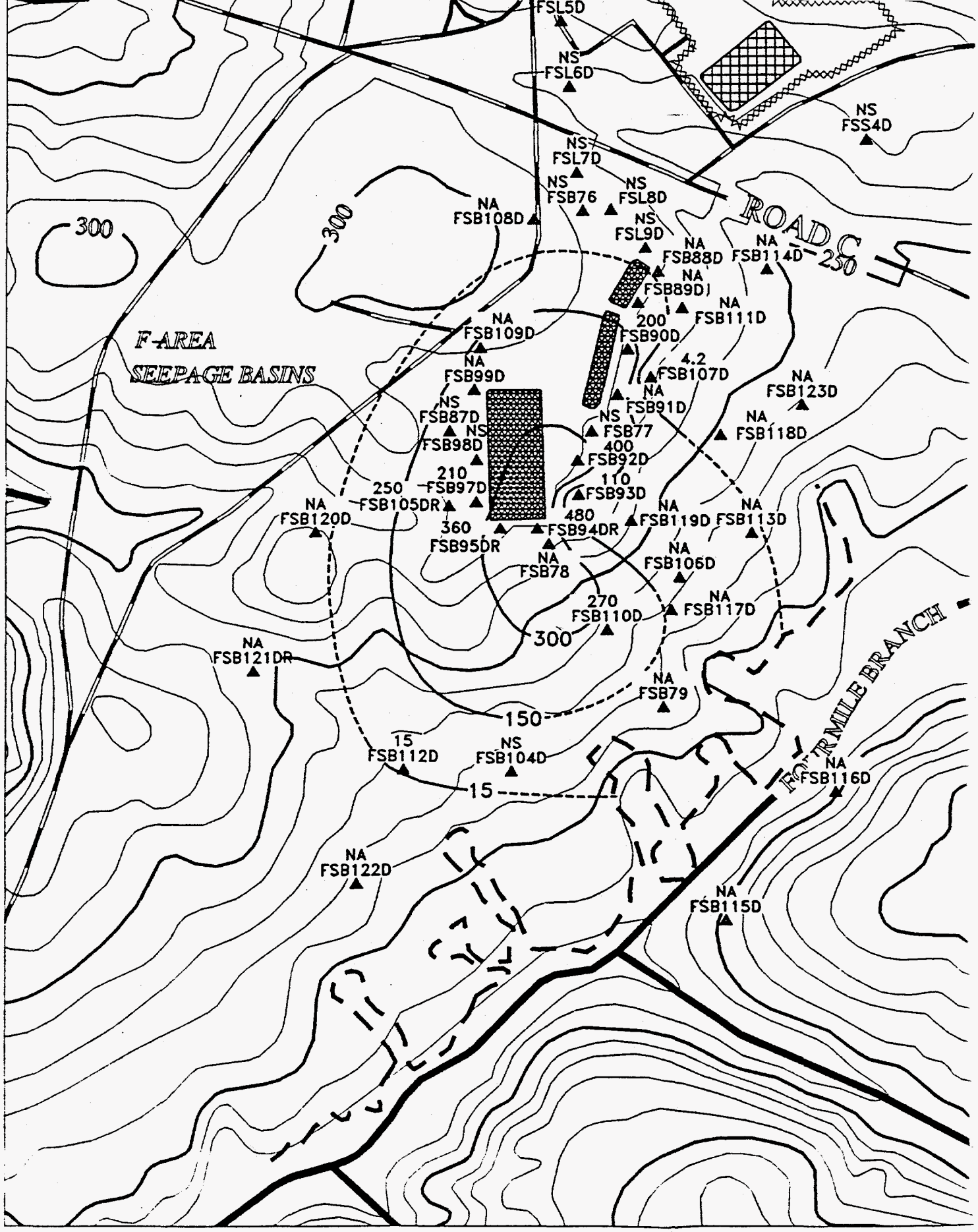
REFERENCE DOCUMENT

WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

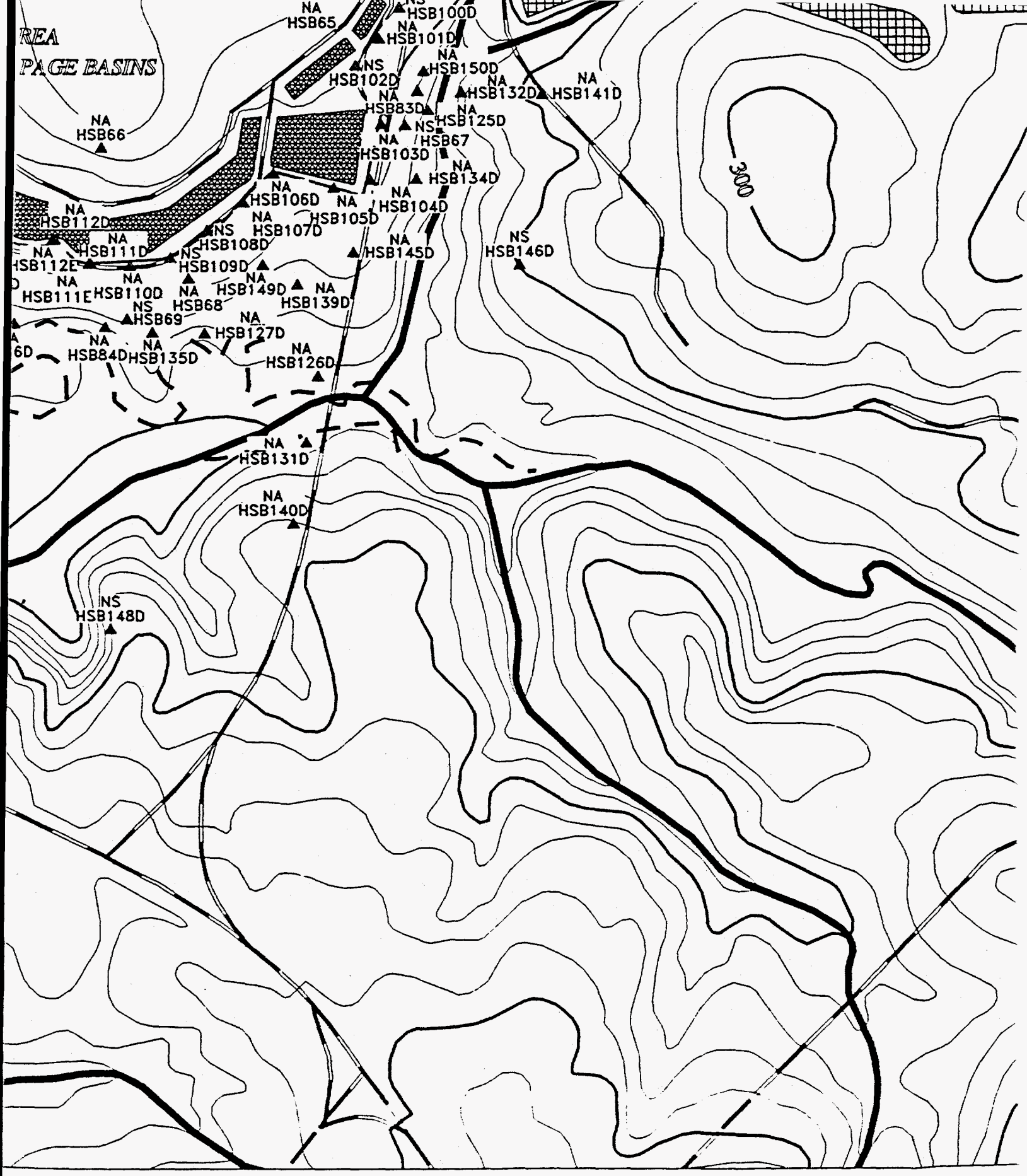
LEGEND

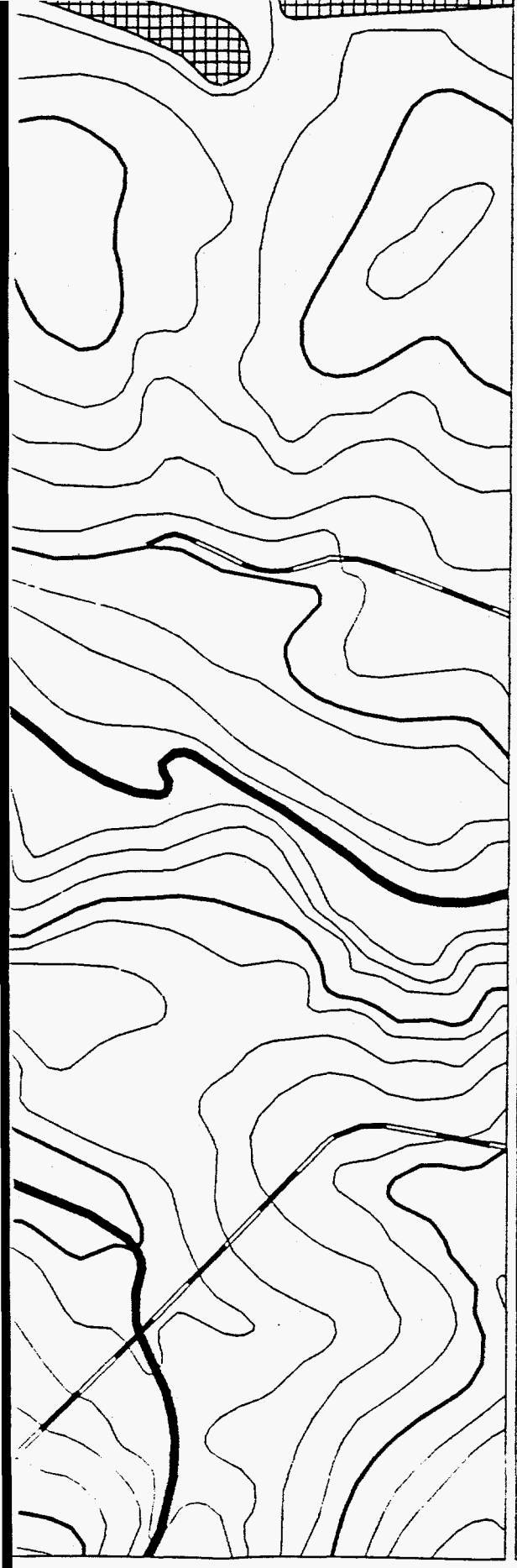
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

-81.690 -81.638


NS FSL5D
NS FSL6D
NS FSS4D
NS FSL7D
NS FSB76
NS FSL8D
NA FSB108D
NS FSL9D
NA FSB88D
NA FSB114D
NA FSB89D
NA FSB111D
NA FSB109D
200 FSB90D
4.2 FSB107D
NA FSB99D
NA FSB91D
NA FSB123D
NS FSB87D
NS FSB98D
NS FSB77
NA FSB118D
400 FSB92D
210 FSB97D
110 FSB93D
250 FSB105DR
NA FSB120D
480 FSB94DR
NA FSB119D
NA FSB113D
360 FSB95DR
NA FSB78
NA FSB106D
270 FSB110D
NA FSB117D
NA FSB121DR
NA FSB79
15 FSB112D
NS FSB104D
NA FSB116D
NA FSB122D
NA FSB115D
300
250
150
15
ROAD C
F-AREA SEEPAGE BASINS
FOURMILE BRANCH

SEEPAGE BASIN
NS BGO48D
NS HSB147D
NS BGO50D
NS BGO46D
NS BGO47D
NS FSS1D
NS FSS2D
NS FSS3D
NA HSB66
NS HSB116D
NA HSB115D
NA HSB112D
NA HSB111D
NS HSB138D
NA HSB86D
NA HSB112E
NA HSB71
NA HSB70
NA HSB114D
NA HSB113D
NA HSB111E
NS HSB110D
NA HSB117D
NA HSB137D
NA HSB136D
NA HSB84D
NA HSB151D
NA HSB129D
NA HSB142D
NA HSB152D
NA HSB143D
NA HSB130D
NS HSB148D
200
250
250
TRMILE BRANCH
NA SB116D


REA
PAGE BASINS
NA HSB65
HSB100D
NA HSB101D
NS HSB102D
NA HSB150D
NA HSB132D
NA HSB141D
NA HSB83D
NA HSB125D
NS HSB67
NA HSB103D
NA HSB134D
NA HSB66
NA HSB106D
NA HSB104D
NA HSB112D
NS HSB107D
HSB105D
NA HSB111D
NS HSB108D
NA HSB145D
NS HSB146D
NA HSB112E
NS HSB109D
NA HSB111E
NA HSB110D
NA HSB149D
NA HSB139D
NS HSB68
NS HSB69
NA HSB127D
NA HSB84D
NA HSB135D
NA HSB126D
NA HSB131D
NA HSB140D
NS HSB148D
300



LONGITUDE

33.261 33.261

-81.690 -81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

WATER TABLE

CONSTITUENT:

URANIUM 233/234

GWPS = 15 pCi/L

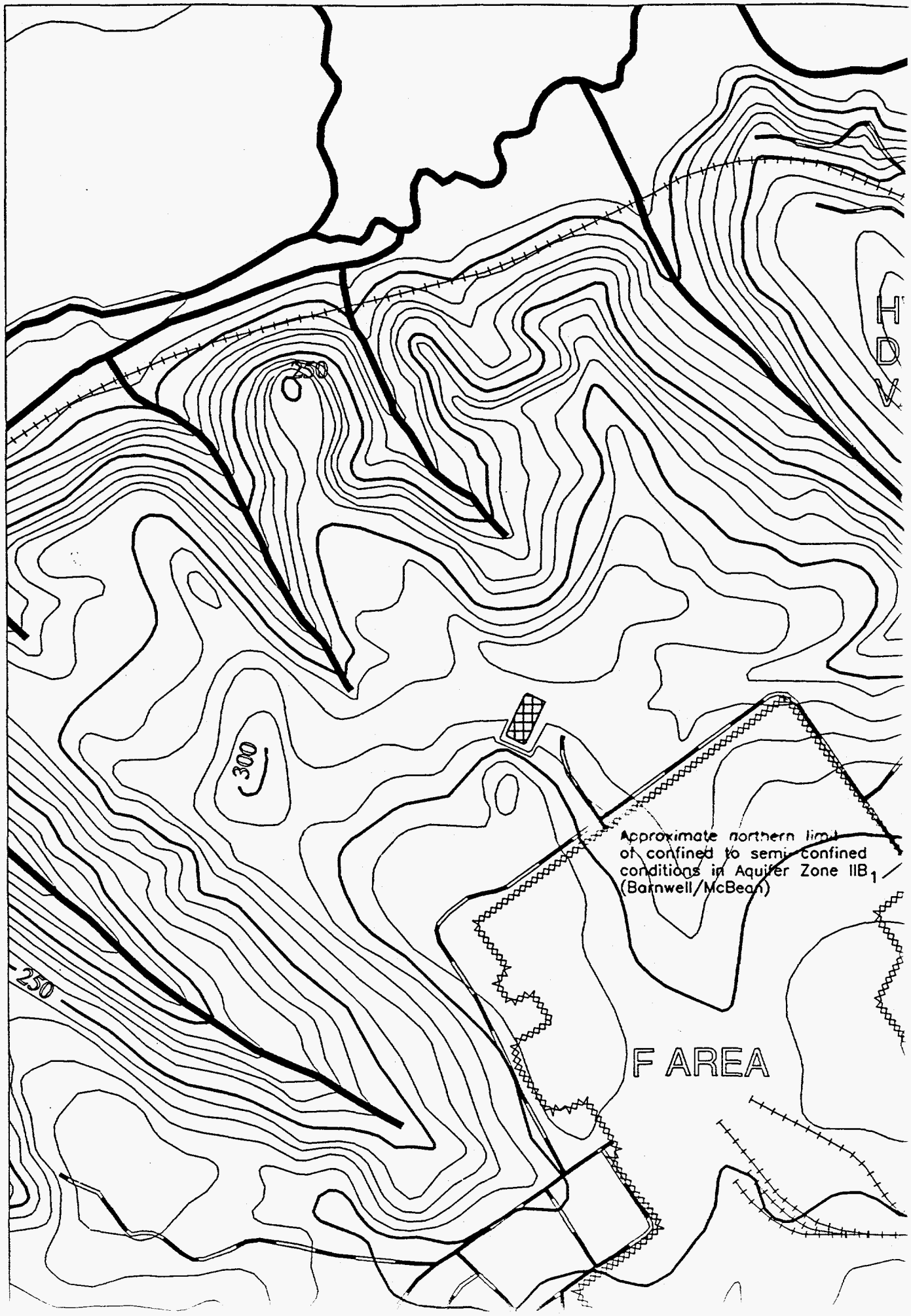
"NS" = Not Sampled

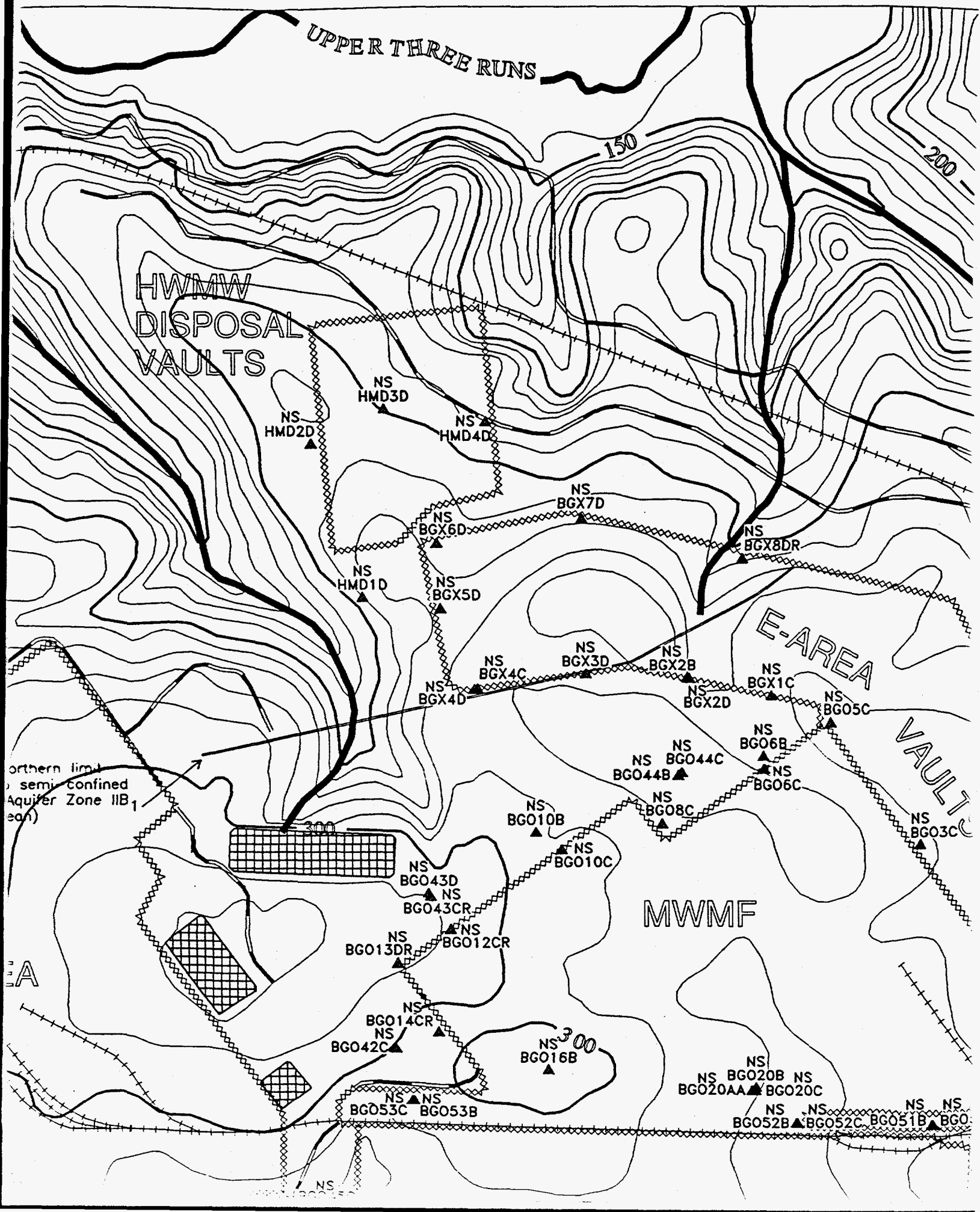
"NA" = Not Analyzed

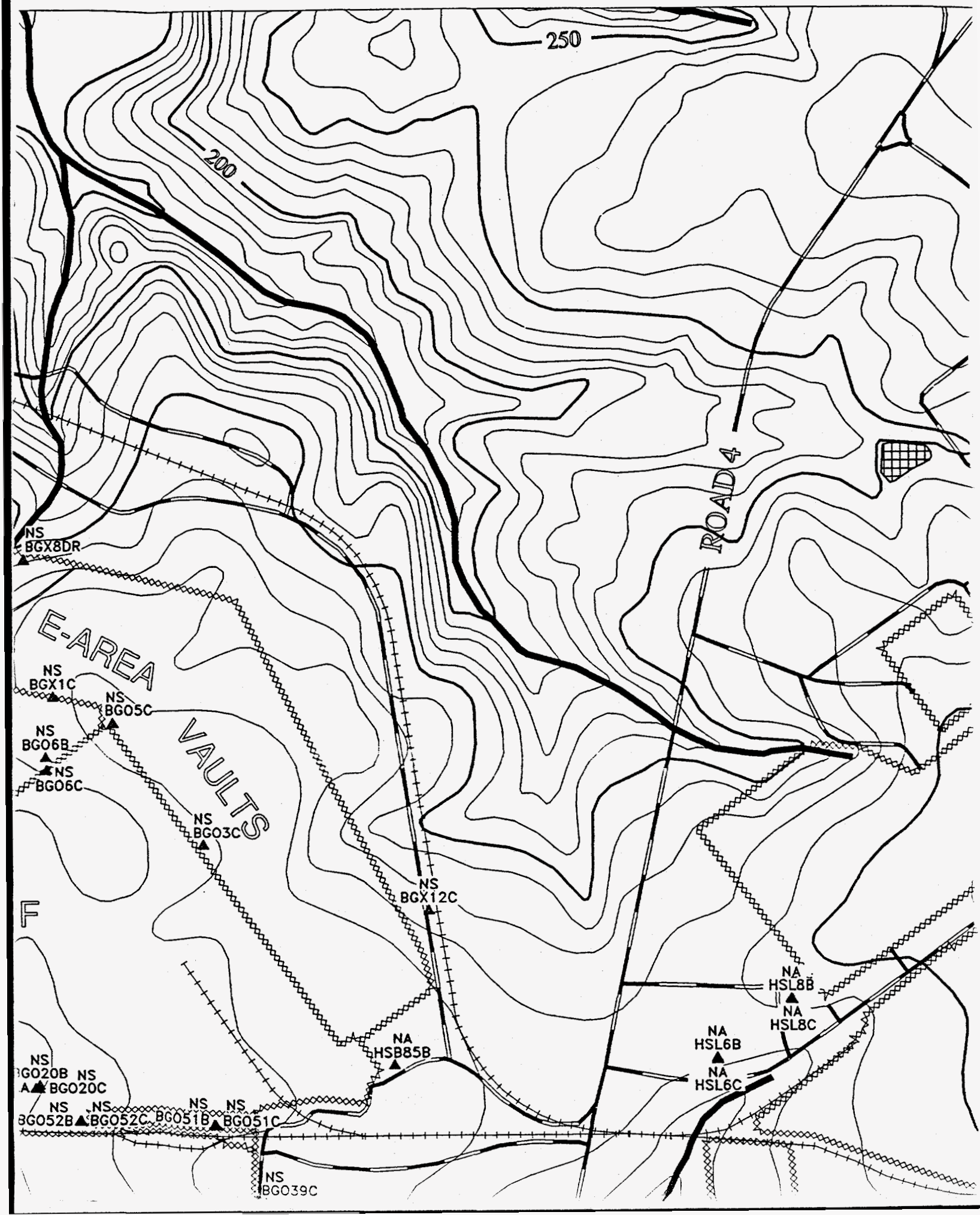
"*" = Wells Not Used to Contour

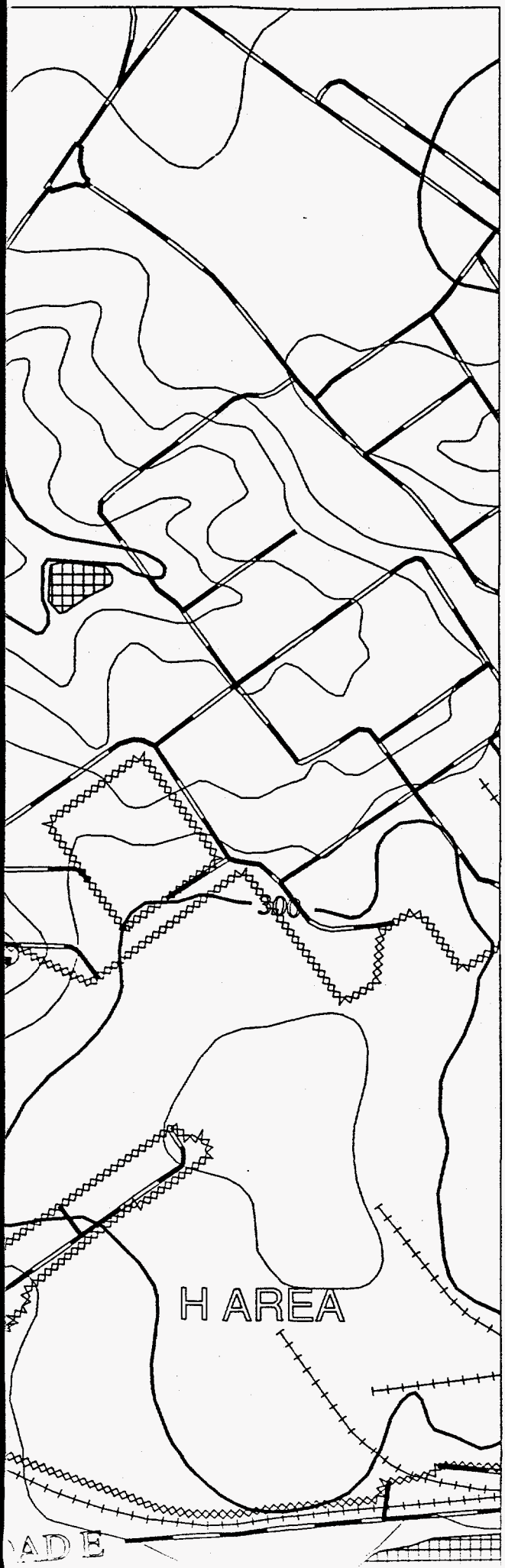
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 15, 150, 300 pCi/L


H D V
250
300
250
Approximate northern limit of confined to semi-confined conditions in Aquifer Zone IIB1 (Barnwell/McBean)
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
NS HMD3D
NS HMD2D
NS HMD4D
NS BGX7D
NS BGX6D
NS BGX8DR
NS HMD1D
NS BGX5D
E-AREA
NS BGX4C
NS BGX3D
NS BGX2B
NS BGX1C
NS BGX4D
NS BGX2D
NS BGO5C
NS BGO6B
NS BGO44C
NS BGO44B
NS BGO6C
NS BGO8C
NS BGO10B
NS BGO3C
NS BGO10C
300
NS BGO43D
NS BGO43CR
MWMF
NS BGO12CR
NS BGO13DR
NS BGO14CR
NS BGO42C
NS BGO16B
NS BGO20B
NS BGO20AA
NS BGO20C
NS BGO53C
NS BGO53B
NS BGO52B
NS BGO52C
NS BGO51B
NS BGO


250
200
ROAD 4
E-AREA VAULTS
F
NS BGX8DR
NS BGX1C
NS BGO5C
NS BGO6B
NS BGO6C
NS BGO3C
NS BGX12C
NA HSL8B
NA HSL8C
NA HSL6B
NA HSL6C
NA HSB85B
NS BGO20B
NS BGO20C
NS BGO52B
NS BGO52C
NS BGO51B
NS BGO51C
NS BGO39C



REFERENCE DOCUMENT

WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

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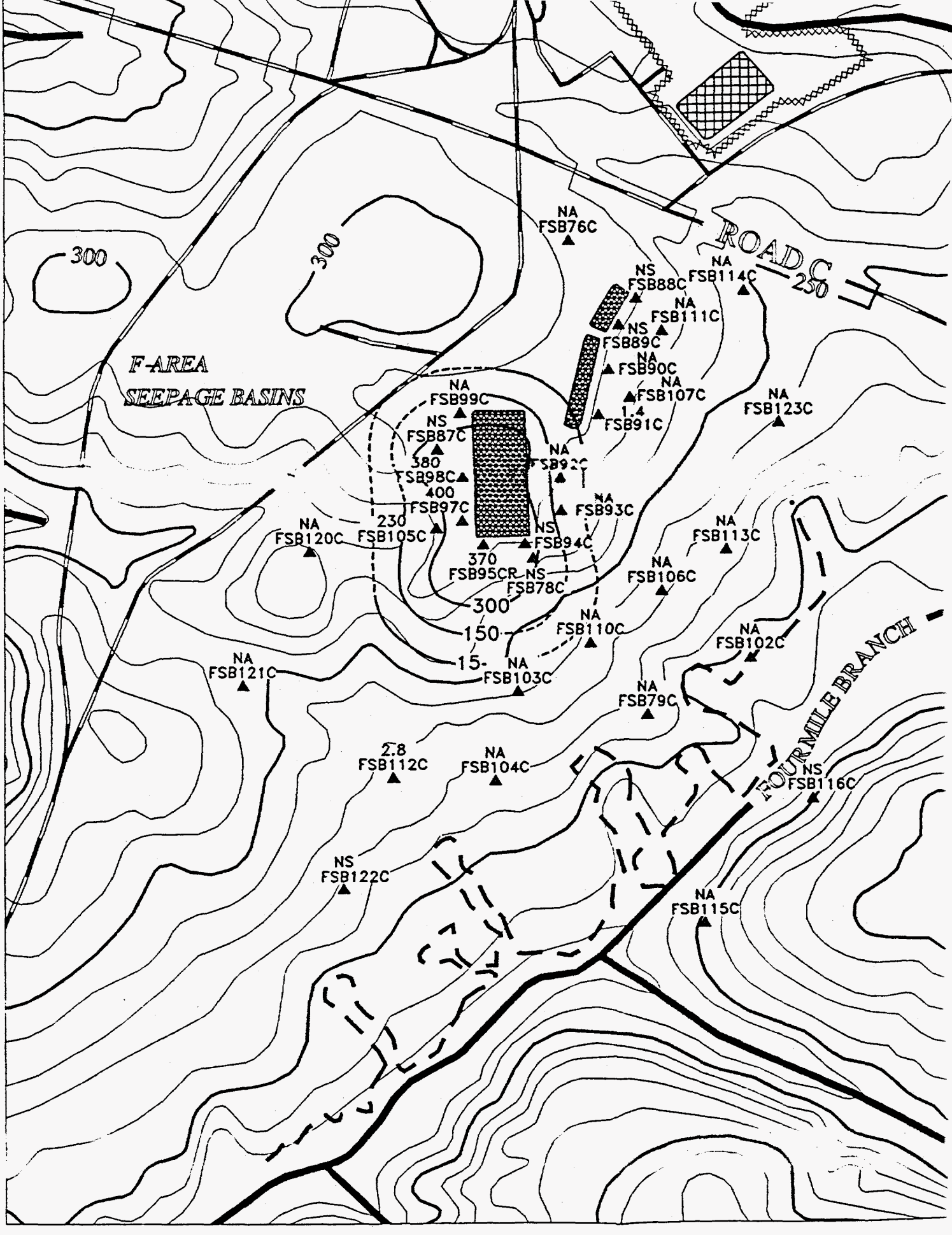
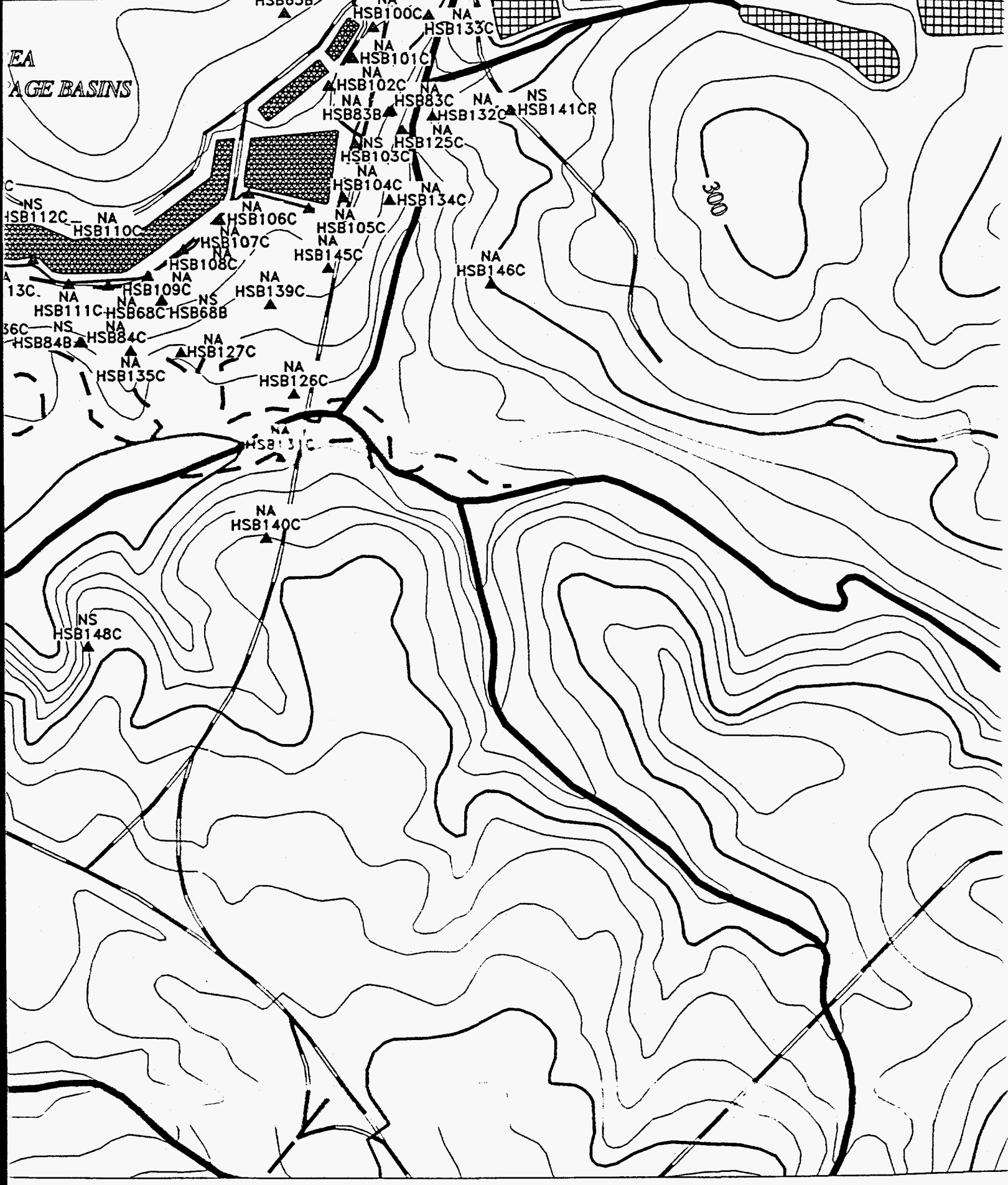
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

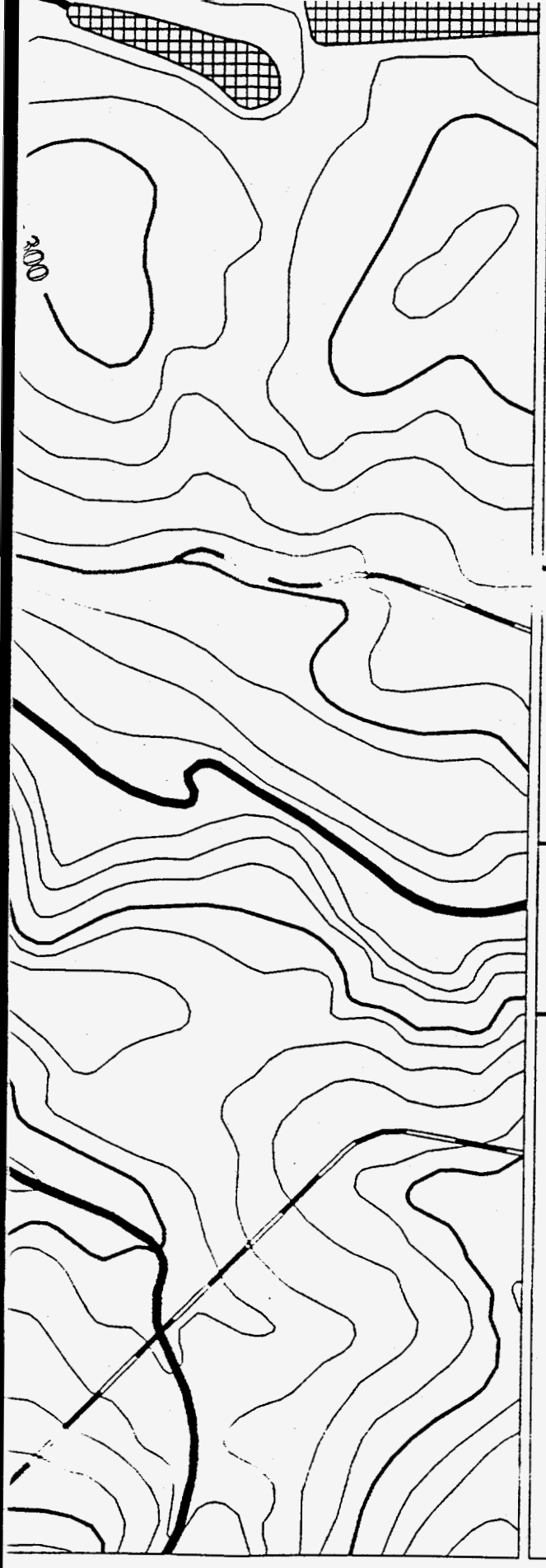
-81.690 -81.638

33.304 33.305


F-AREA
SEEPAGE BASINS
ROAD C
FOUR MILE BRANCH
300
300
250
150
15-
NA FSB76C
NS FSB88C
NA FSB114C
NA FSB111C
NS FSB89C
NA FSB90C
NA FSB107C
1.4 FSB91C
NA FSB123C
NA FSB99C
NS FSB87C
380 FSB98C
400 FSB97C
NA FSB92C
NA FSB93C
230 FSB105C
NA FSB120C
NS FSB94C
370 FSB95CR
NS FSB78C
NA FSB113C
NA FSB106C
NA FSB110C
NA FSB102C
NA FSB121C
NA FSB103C
NA FSB79C
2.8 FSB112C
NA FSB104C
NS FSB116C
NS FSB122C
NA FSB115C

NS BG029C
NS BG030C
NS BG031C
NS BG033C
NS BG049C
NS BG048C
NS BG050C
NS BG047C
NS BG046C
NS BG046B
H-AREA SEEPAGE BASINS
NA HSB116C
NA HSB114C
NS HSB112C
NA HSB115C
NA HSB110C
NA HSB71C
NA HSB70C
NA HSB86C
NA HSB113C
NA HSB109C
NA HSB117C
NA HSB86B
NA HSB111C
NA HSB68C
NA HSB137C
NA HSB136C
NS HSB84B
NA HSB84C
NA HSB135C
NA HSB151C
NA HSB143C
NA HSB142C
NA HSB129C
NA HSB152C
200
250
250
NA HSB130C
NS HSB148C
BRANCH


EA
AGE BASINS
HSB100C
NA
HSB133C
HSB101C
HSB102C
HSB83C
HSB83B
HSB132C
NS
HSB141CR
HSB125C
HSB103C
HSB104C
HSB134C
300
HSB112C
HSB110C
HSB106C
HSB105C
HSB107C
HSB145C
HSB108C
HSB146C
HSB109C
HSB139C
HSB111C
HSB68C
HSB68B
HSB84B
HSB84C
HSB127C
HSB135C
HSB126C
HSB140C
HSB148C



LONGITUDE

33.261 33.261

-81.690 -81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

BARNWELL/McBEAN

CONSTITUENT:

URANIUM 233/234

GWPS = 15 pCi/L

"NS" = Not Sampled

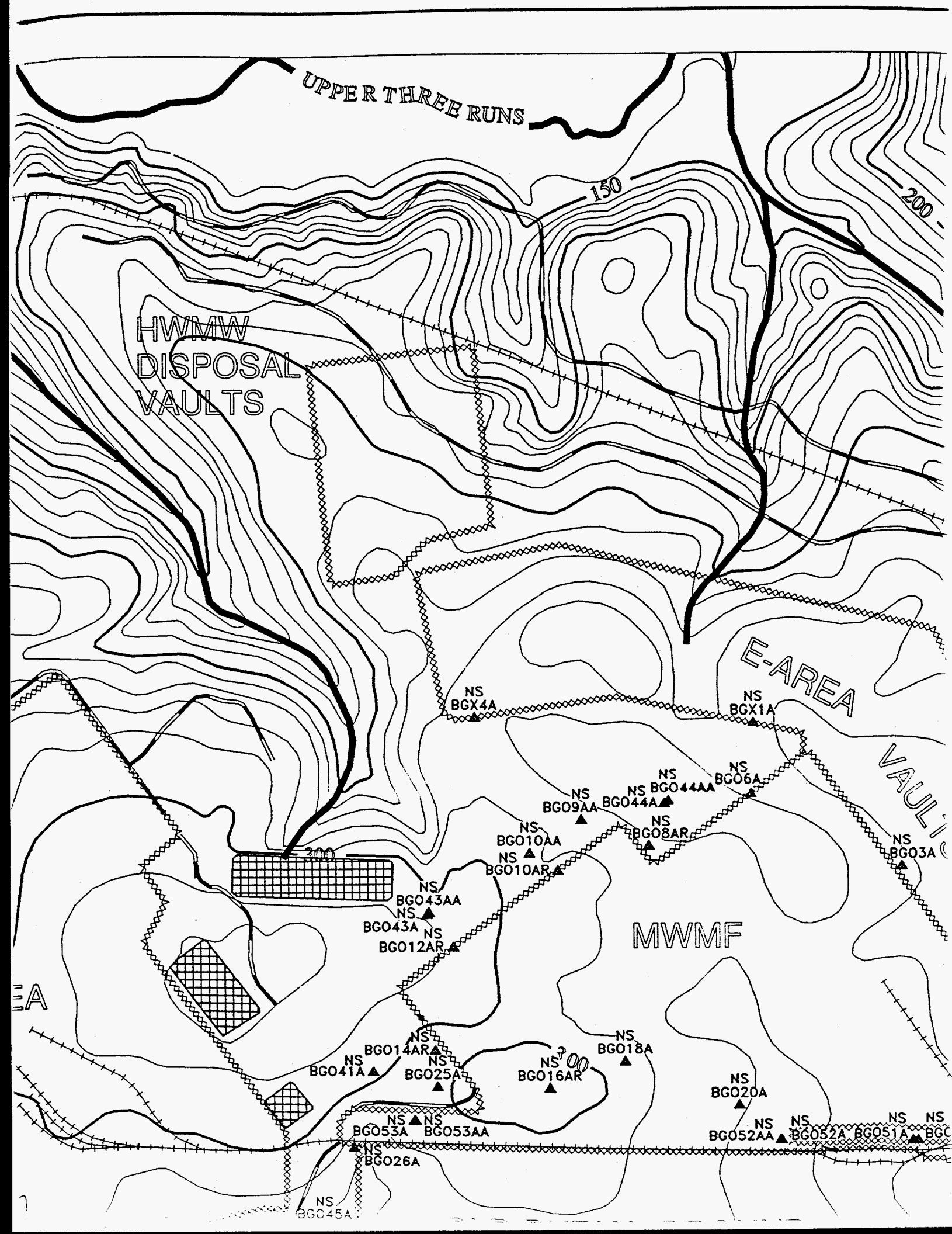
"NA" = Not Analyzed

"*" = Wells Not Used to Contour

"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 15, 150, 300 pCi/L

250
300
250
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
E-AREA
VAULTS
MWMF
300
300
NS BGX4A
NS BGX1A
NS BG06A
NS BG044AA
NS BG044A
NS BG09AA
NS BG08AR
NS BG010AA
NS BG010AR
NS BG03A
NS BG043AA
NS BG043A
NS BG012AR
NS BG014AR
NS BG041A
NS BG025A
NS BG016AR
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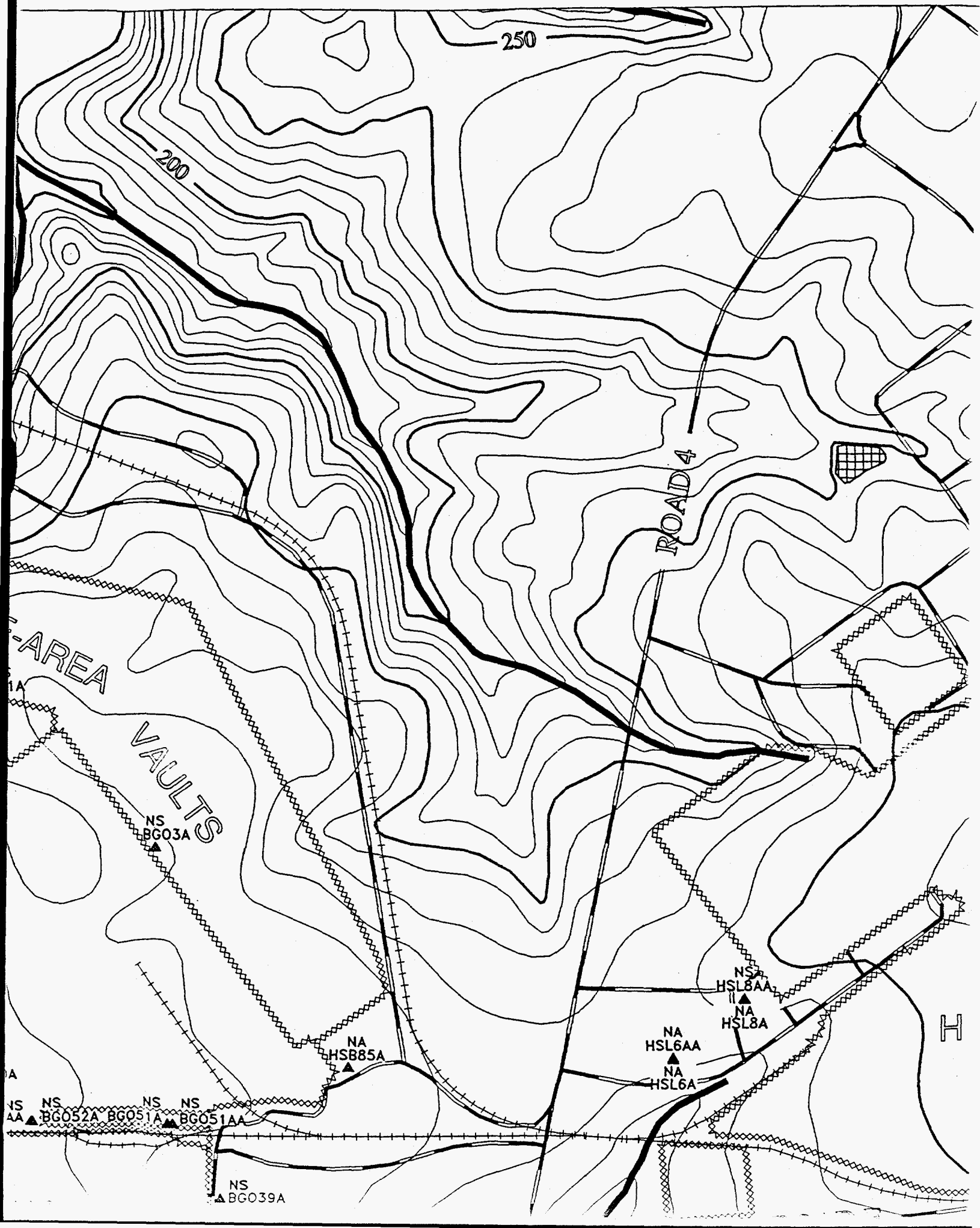
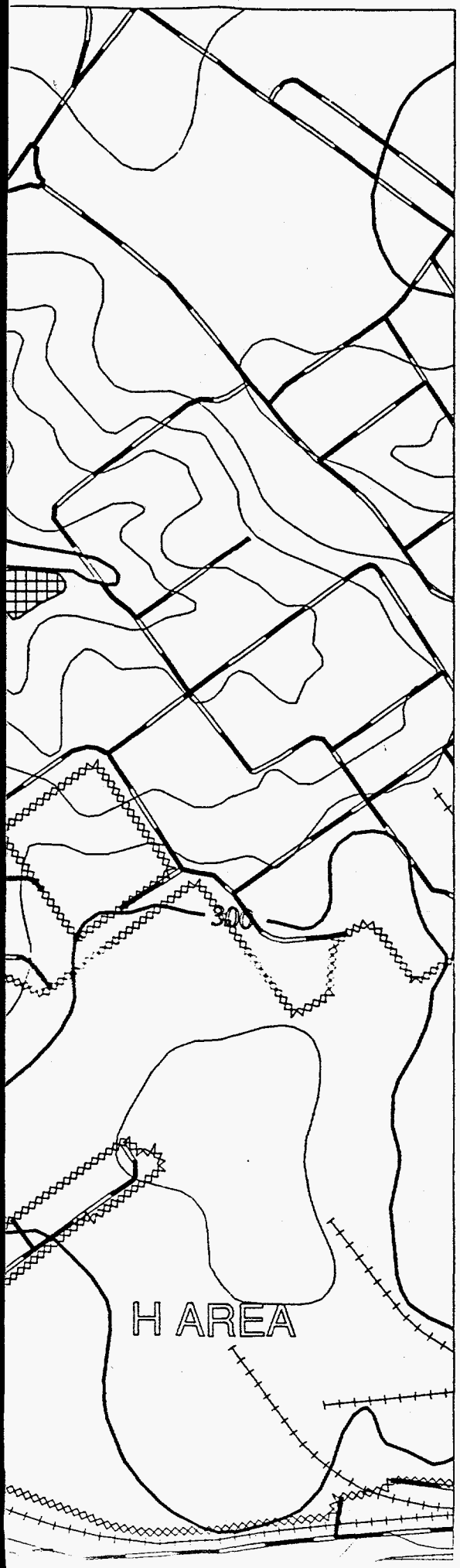
NS BG026A
NS BG045A


250
200
ROAD 4
-AREA
VAULTS
NS
BG03A
NA
HSB85A
NS
HSL8AA
NA
HSL8A
NA
HSL6AA
NA
HSL6A
H
NS
BG052A
NS
BG051A
NS
BG051AA
NS
BG039A



REFERENCE DOCUMENT

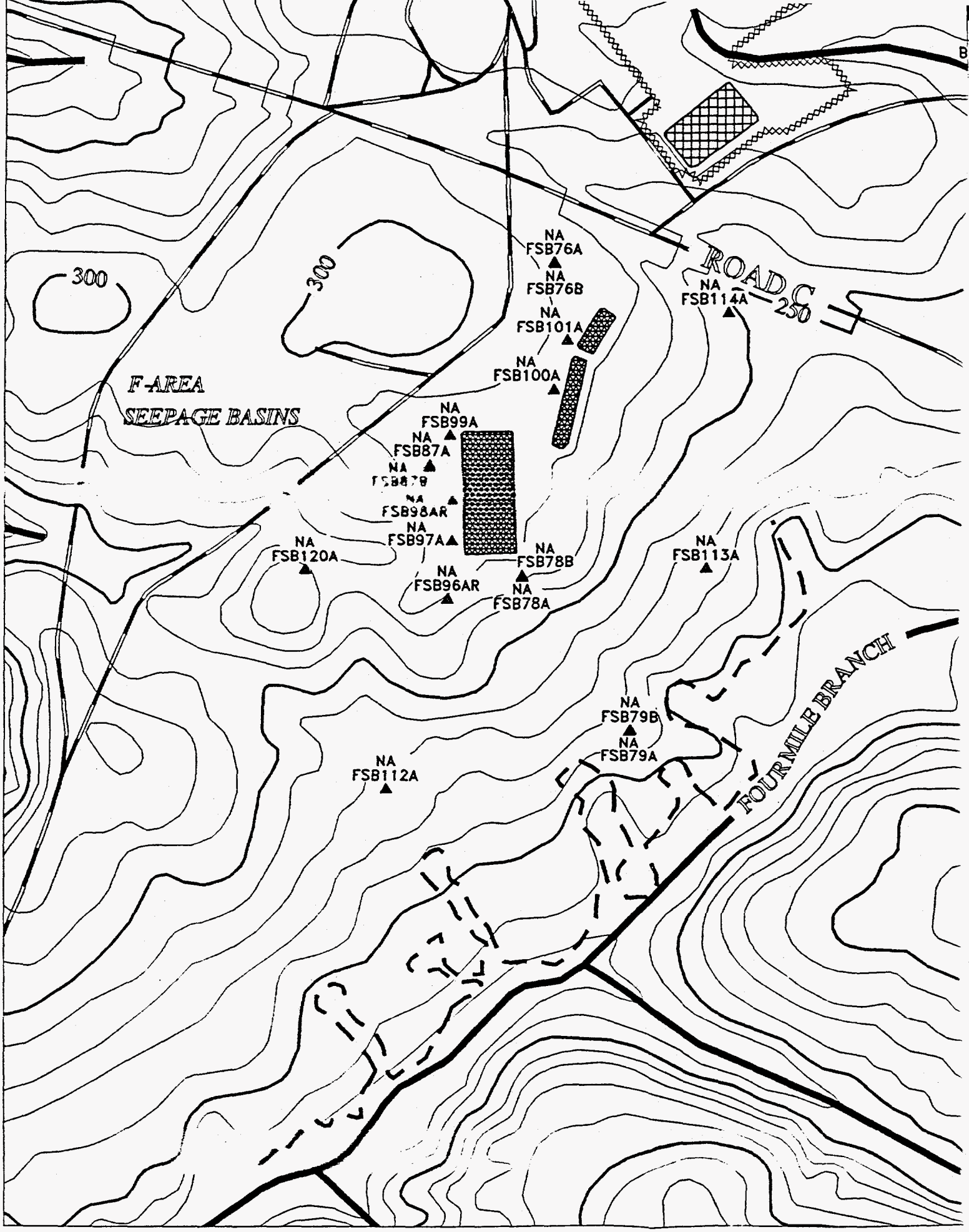
WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

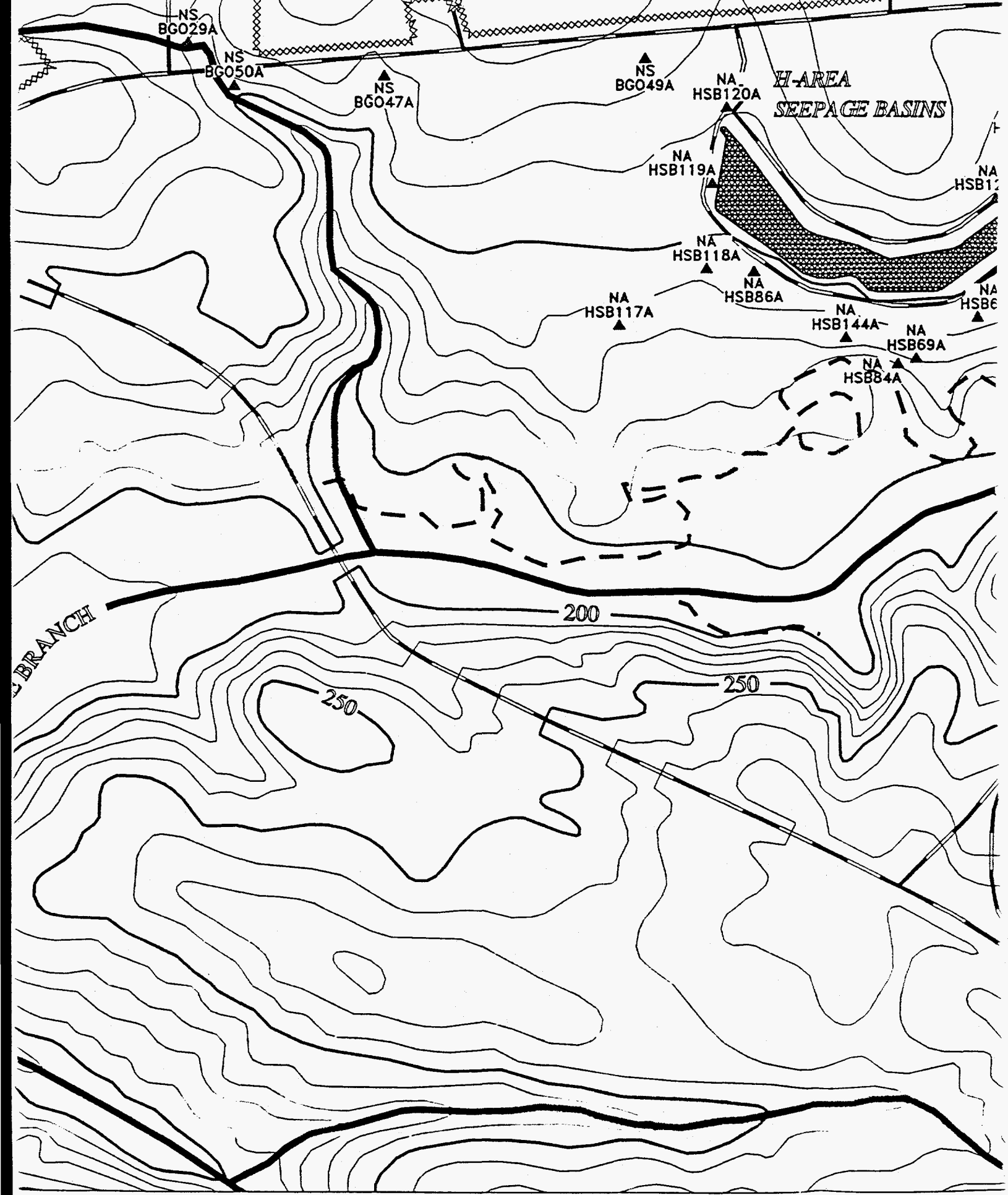
LEGEND

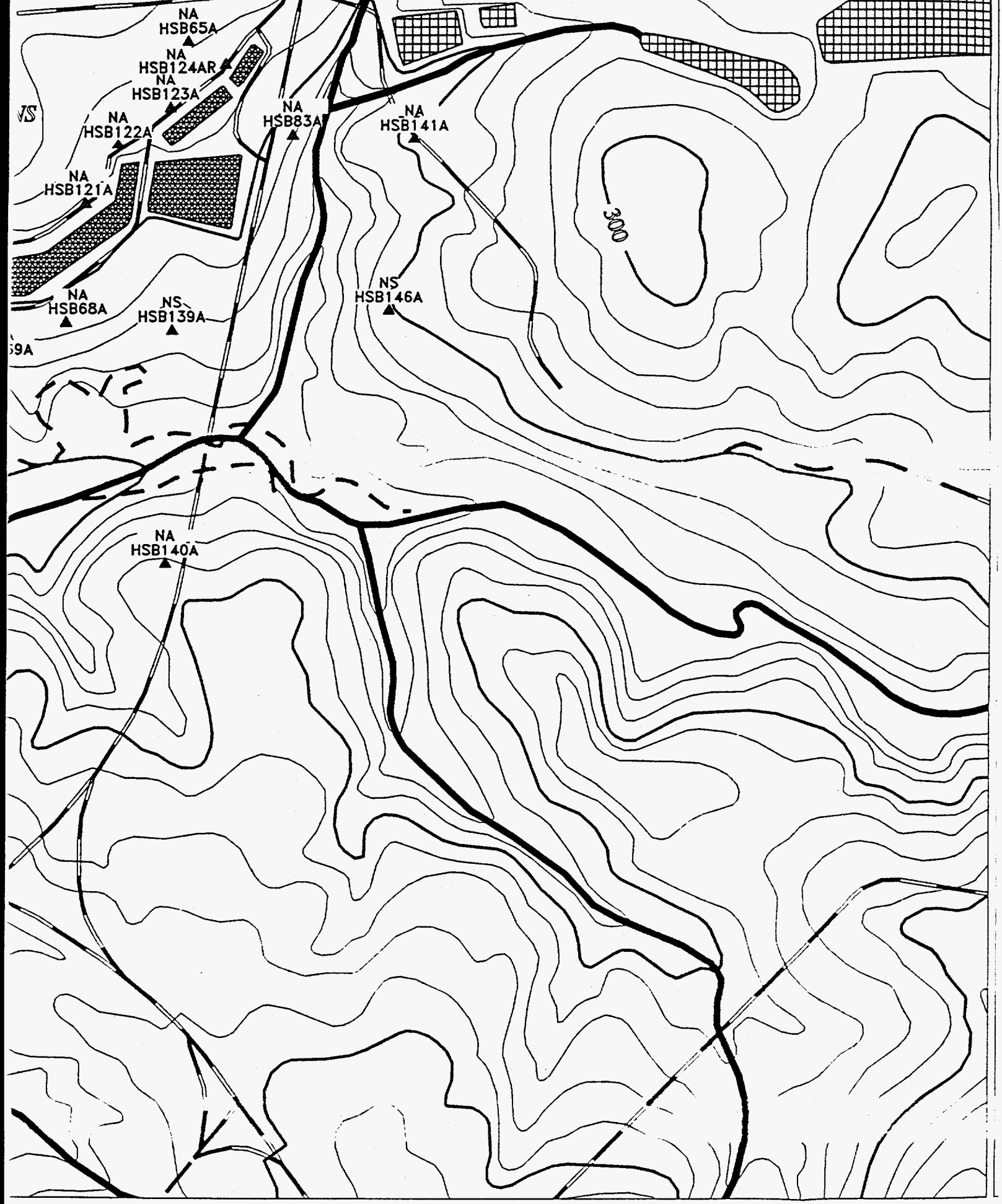
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

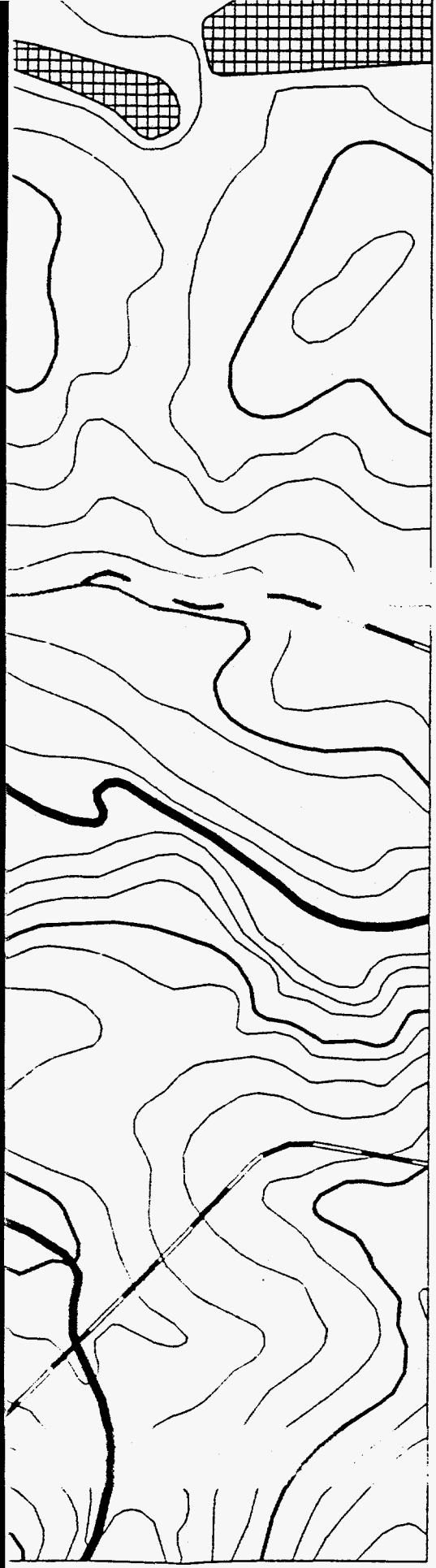
-81.690

-81.638


300
300
ROAD C
250
F-AREA
SEEPAGE BASINS
NA FSB76A
NA FSB76B
NA FSB114A
NA FSB101A
NA FSB100A
NA FSB99A
NA FSB87A
NA FSB98AR
NA FSB97A
NA FSB120A
NA FSB78B
NA FSB96AR
NA FSB78A
NA FSB113A
NA FSB79B
NA FSB79A
NA FSB112A
FOUR MILE BRANCH


NS BG029A
NS BG050A
NS BG047A
NS BG049A
NA HSB120A
H-AREA SEEPAGE BASINS
NA HSB119A
NA HSB118A
NA HSB86A
NA HSB117A
NA HSB144A
NA HSB69A
NA HSB84A
200
250
250
BRANCH


NA
HSB65A
NA
HSB124AR
NA
HSB123A
NA
HSB122A
NA
HSB121A
NA
HSB83A
NA
HSB141A
300
NA
HSB68A
NS
HSB139A
NS
HSB146A
NA
HSB140A



LATITUDE-
LONGITUDE

33.261 33.261

-81.690 -81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

CONGAREE

CONSTITUENT:

URANIUM 233/234

GWPS = 15 pCi/L

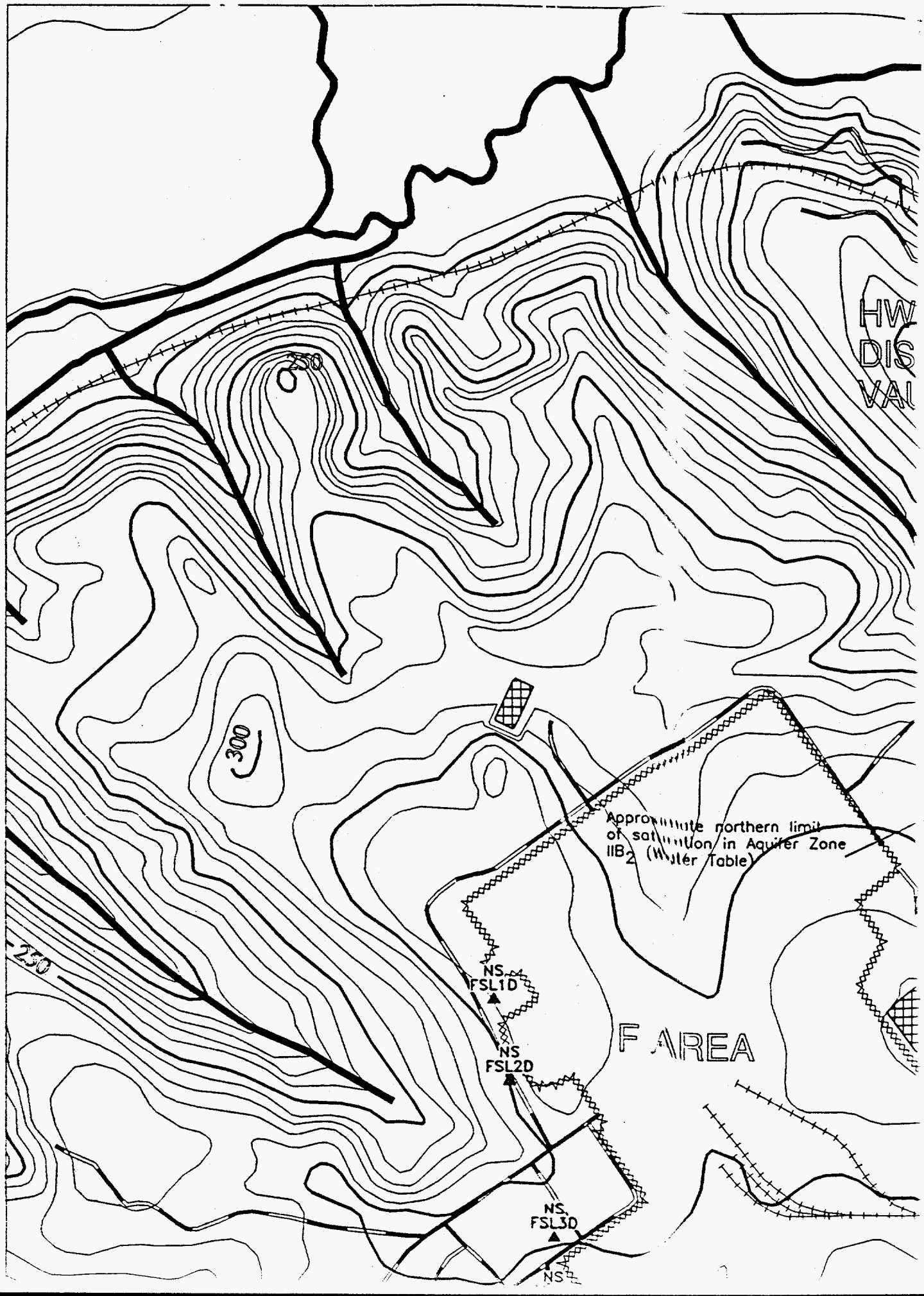
"NS" = Not Sampled

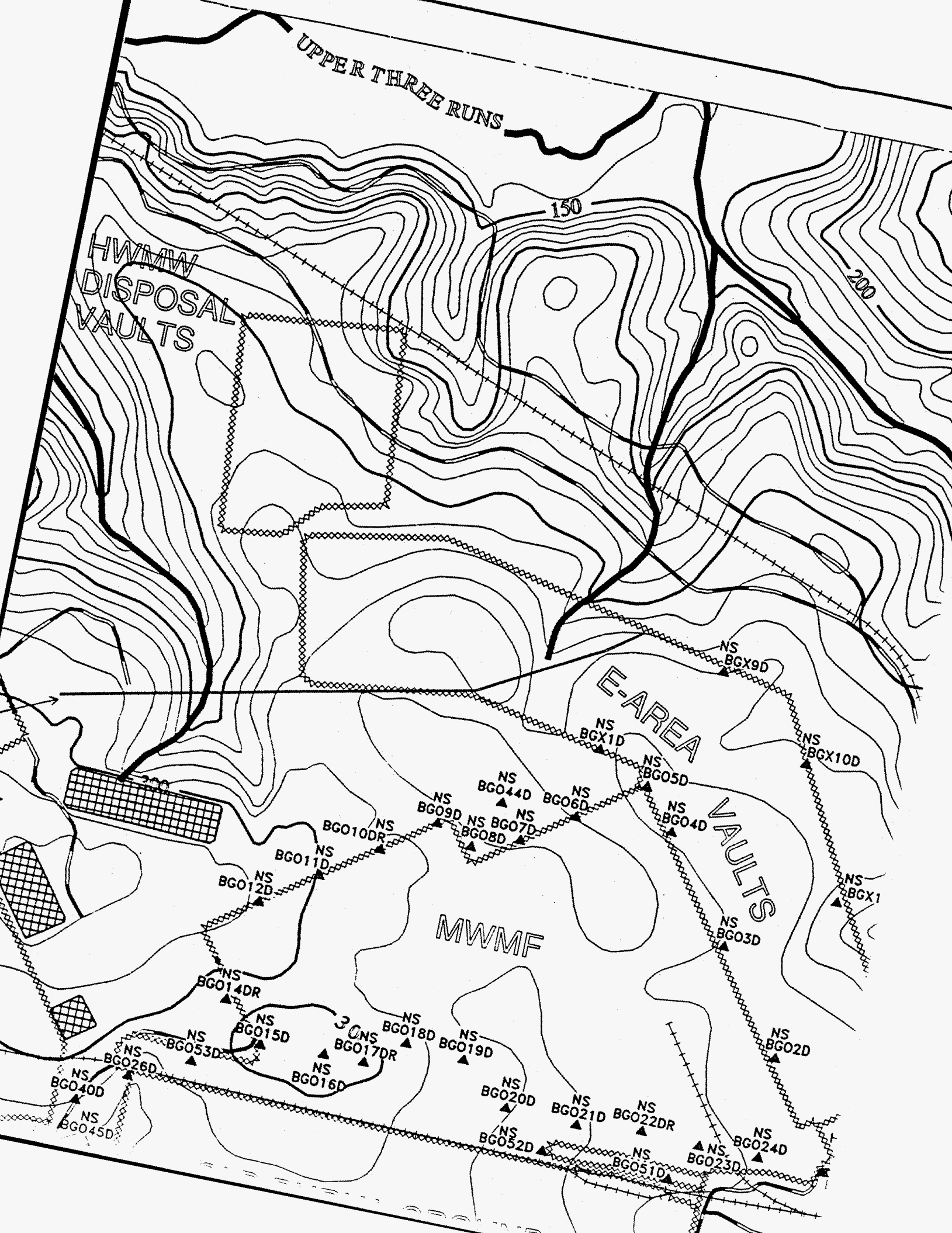
"NA" = Not Analyzed

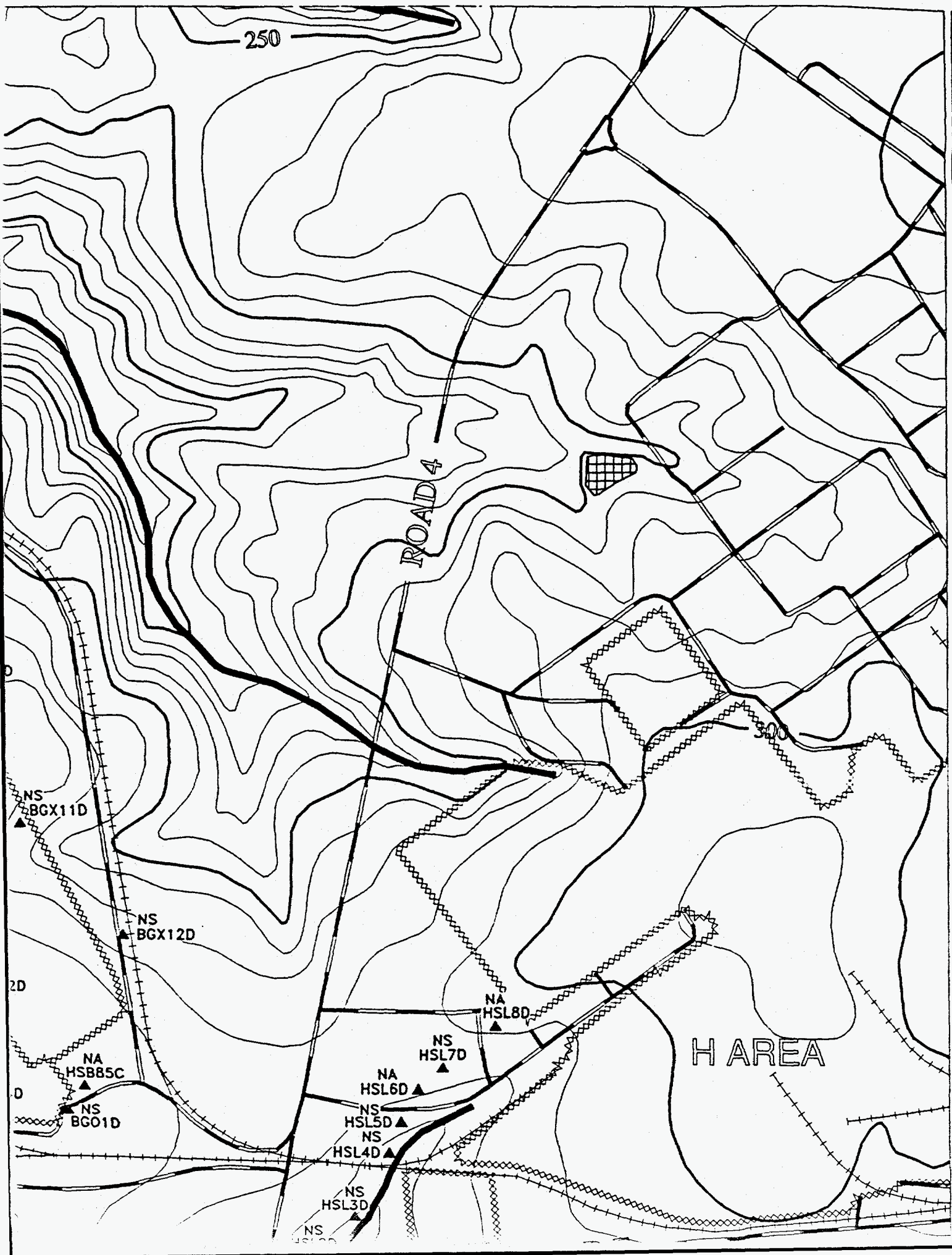
"*" = Wells Not Used to Contour

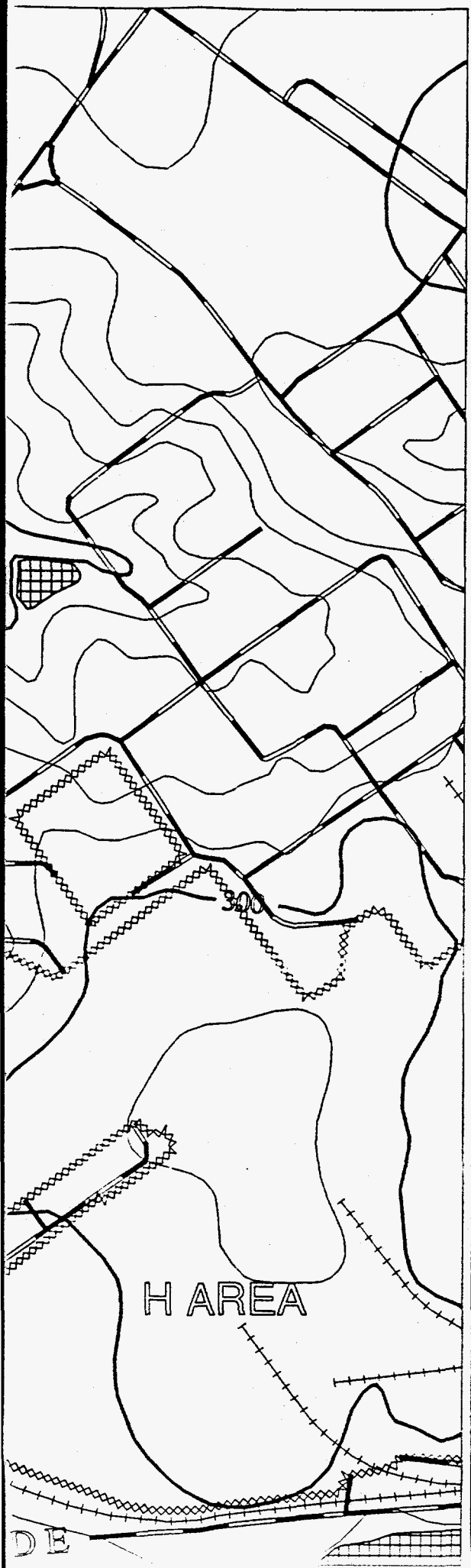
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 15, 150, 300 pCi/L


HW
DIS
VA
250
300
250
Approximate northern limit
of saturation in Aquifer Zone
IIB2 (Water Table)
NS
FSL1D
NS
FSL2D
NS
FSL3D
NS
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
E-AREA
VAULTS
MWMF
NS BGX9D
NS BGX1D
NS BGX10D
NS BGO5D
NS BGO44D
NS BGO6D
NS BGO9D
NS BGO7D
NS BGO8D
NS BGO4D
NS BGO10DR
NS BGO11D
NS BGO12D
NS BGX1
NS BGO3D
NS BGO14DR
NS BGO15D
NS BGO18D
NS BGO19D
NS BGO17DR
NS BGO16D
NS BGO53D
NS BGO26D
NS BGO2D
NS BGO40D
NS BGO45D
NS BGO20D
NS BGO21D
NS BGO22DR
NS BGO52D
NS BGO24D
NS BGO23D
NS BGO51D


250
ROAD 4
300
NS
BGX11D
NS
BGX12D
NA
HSL8D
NS
HSL7D
NA
HSB85C
NA
HSL6D
NS
BGO1D
NS
HSL5D
NS
HSL4D
NS
HSL3D
H AREA



REFERENCE DOCUMENT

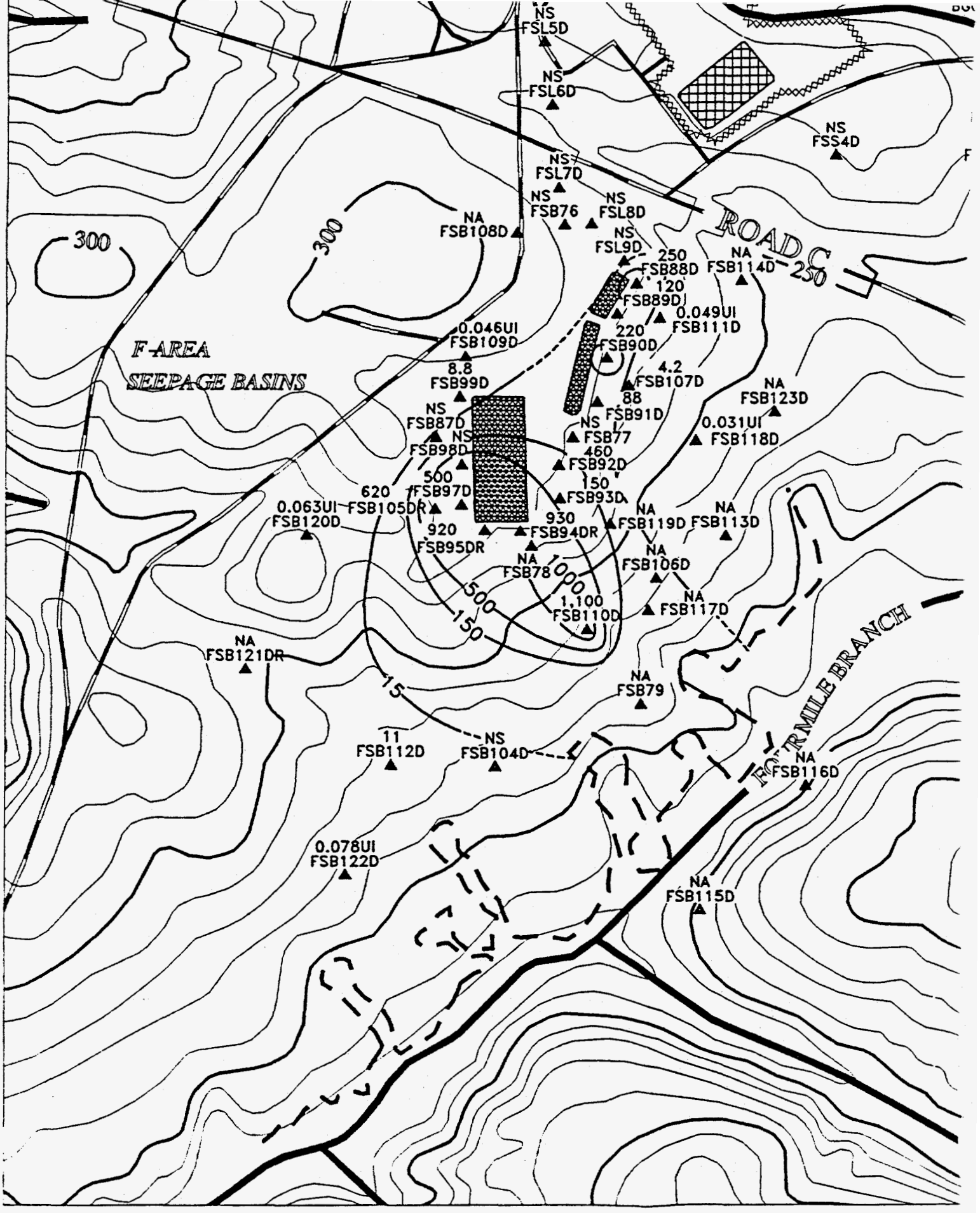
WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

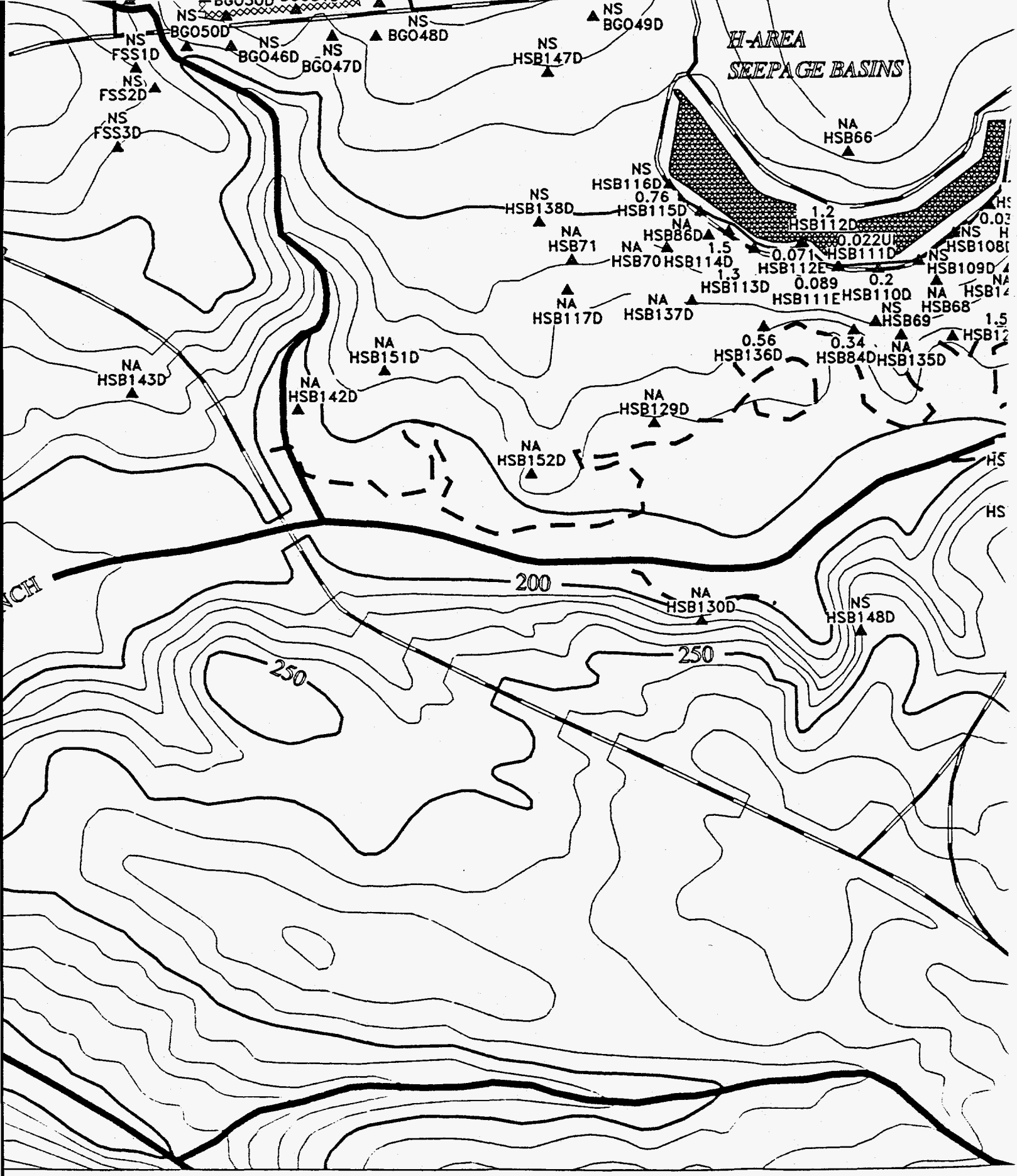
LEGEND

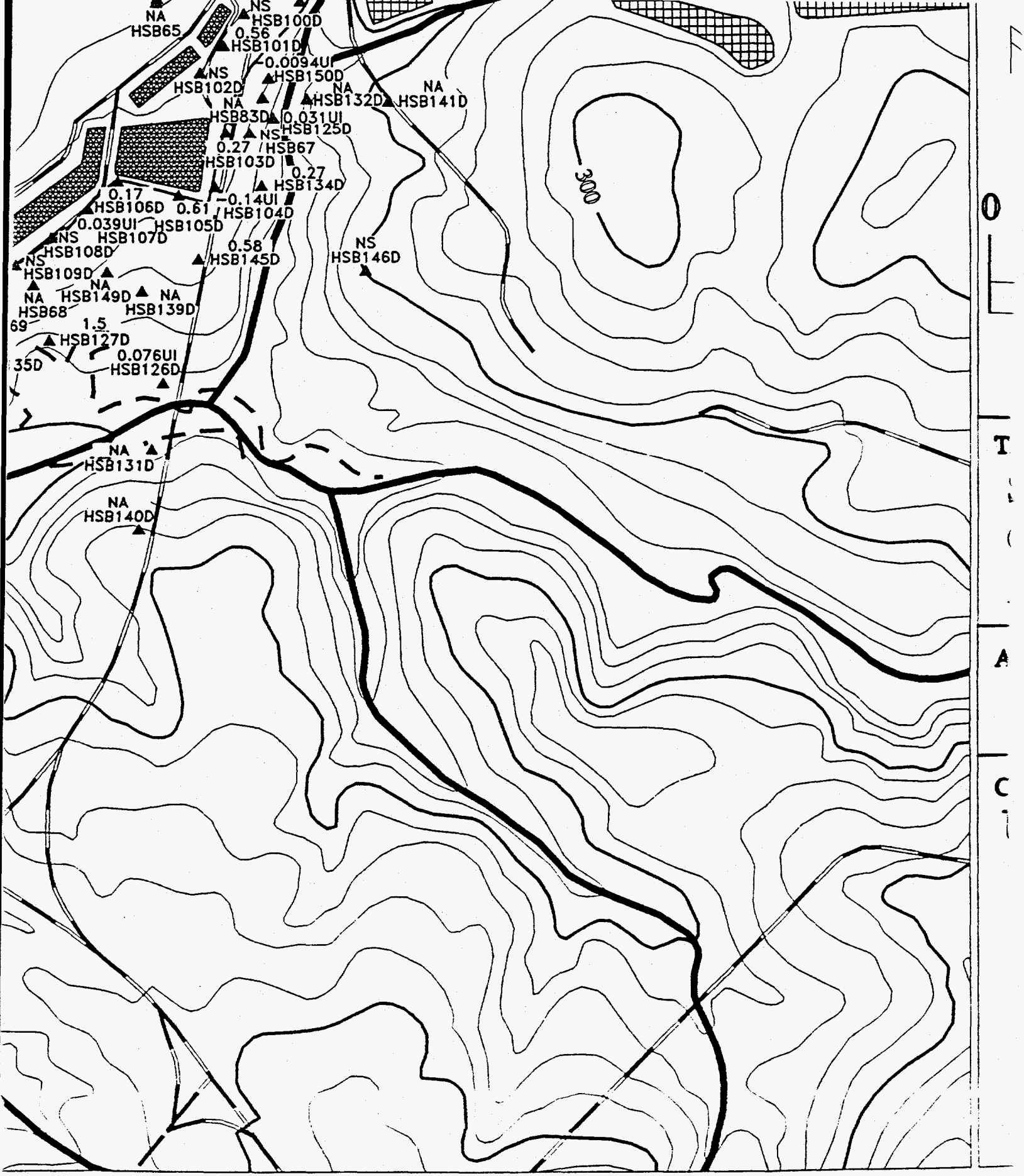
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

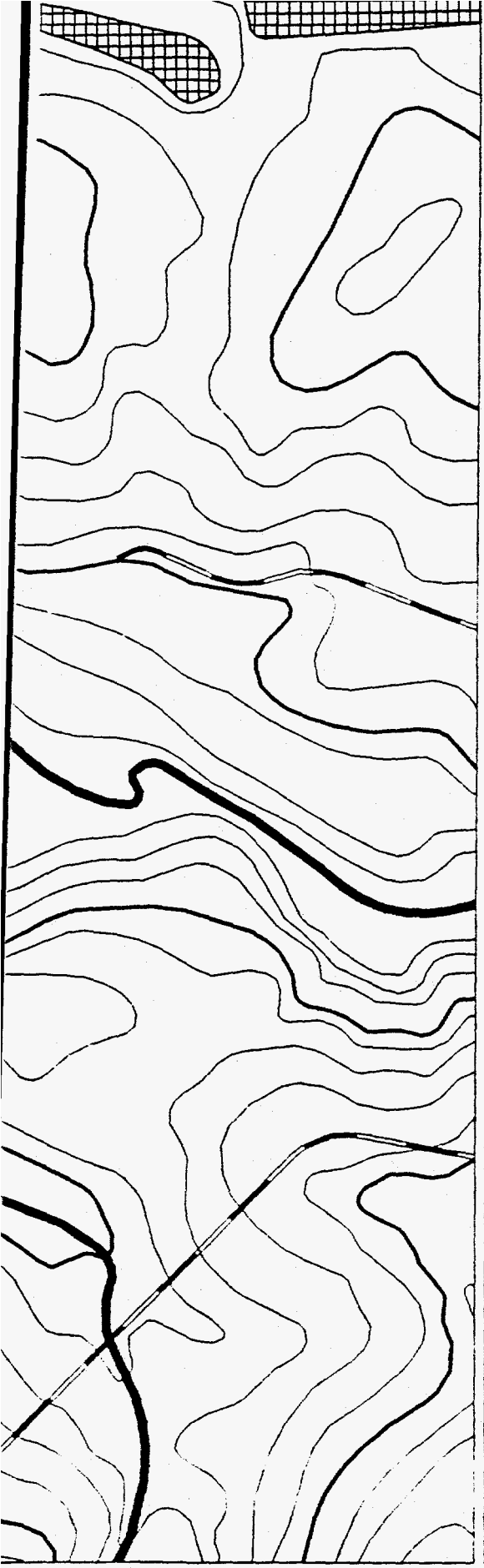
-81.690 -81.638

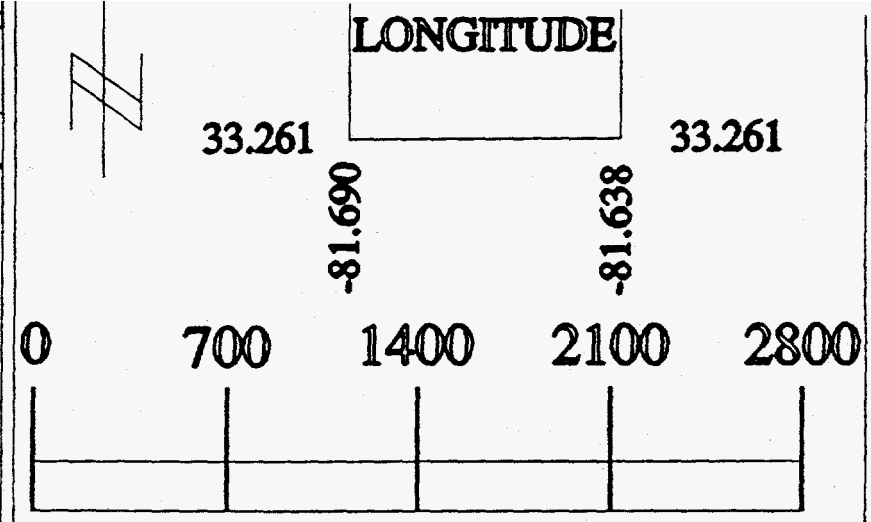
33.304 33.305


NS FSL5D
NS FSL6D
NS FSS4D
NS FSL7D
NS FSB76
NS FSL8D
NA FSB108D
NS FSL9D
250 FSB88D
120 FSB89D
220 FSB90D
0.046UI FSB109D
8.8 FSB99D
88 FSB91D
4.2 FSB107D
NA FSB114D
NA FSB123D
0.049UI FSB111D
0.031UI FSB118D
NS FSB87D
NS FSB98D
NS FSB77
460 FSB92D
500 FSB97D
150 FSB93D
620 FSB105DR
0.063UI FSB120D
930 FSB94DR
920 FSB95DR
NA FSB119D
NA FSB113D
NA FSB78
1,100 FSB110D
NA FSB106D
NA FSB117D
NA FSB121DR
NA FSB79
11 FSB112D
NS FSB104D
NA FSB116D
0.078UI FSB122D
NA FSB115D
300
300
250
1000
500
150
15
F-AREA SEEPAGE BASINS
ROAD C
FOURMILE BRANCH


H-AREA
SEEPAGE BASINS
NS BGO50D
NS BGO46D
NS BGO47D
NS BGO48D
NS BGO49D
NS FSS1D
NS FSS2D
NS FSS3D
NS HSB147D
NA HSB66
NS HSB116D
NS HSB138D
0.76 HSB115D
1.2 HSB112D
NA HSB71
NA HSB70
NA HSB86D
1.5 HSB114D
0.071 HSB112E
0.022UJ HSB111D
NS HSB109D
1.3 HSB113D
0.089 HSB111E
0.2 HSB110D
NA HSB117D
NA HSB137D
NS HSB68
NS HSB69
0.56 HSB136D
0.34 HSB84D
NA HSB135D
NA HSB143D
NA HSB151D
NA HSB142D
NA HSB129D
NA HSB152D
200
250
250
NA HSB130D
NS HSB148D


NA
HSB65
NS
HSB100D
0.56
HSB101D
0.0094UI
HSB150D
NS
HSB102D
NA
HSB83D
NA
HSB132D
NA
HSB141D
0.031UI
HSB125D
NS
0.27
HSB67
HSB103D
0.27
HSB134D
0.17
HSB106D
0.61
0.14UI
HSB104D
0.039UI
HSB105D
NS
HSB107D
HSB108D
NS
HSB109D
0.58
HSB145D
NS
HSB146D
NA
NA
HSB149D
NA
HSB139D
HSB68
69
1.5
HSB127D
0.076UI
35D
HSB126D
NA
HSB131D
NA
HSB140D
300





Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

WATER TABLE

CONSTITUENT:

URANIUM 238

GWPS = 15 pCi/L

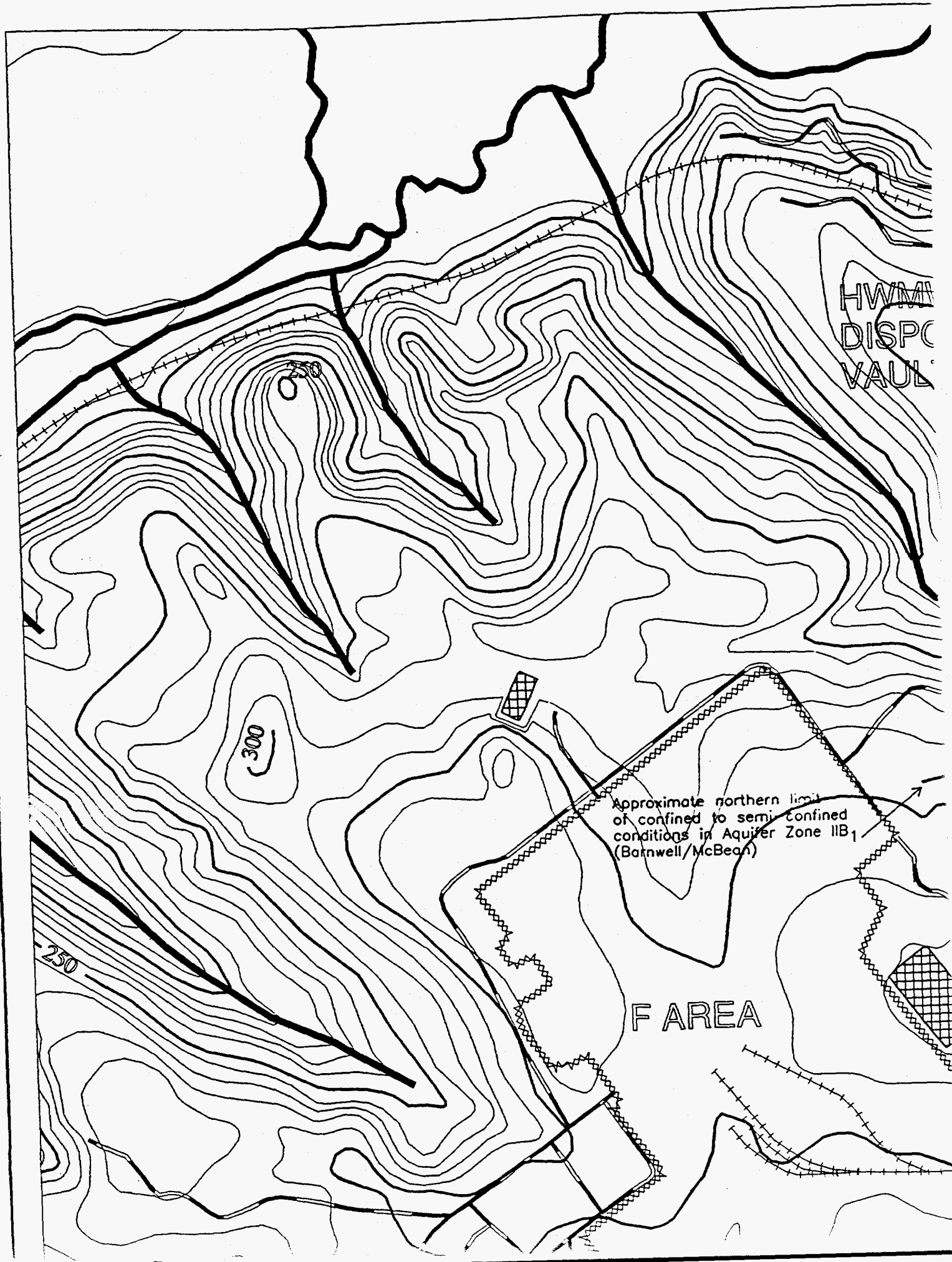
"NS" = Not Sampled

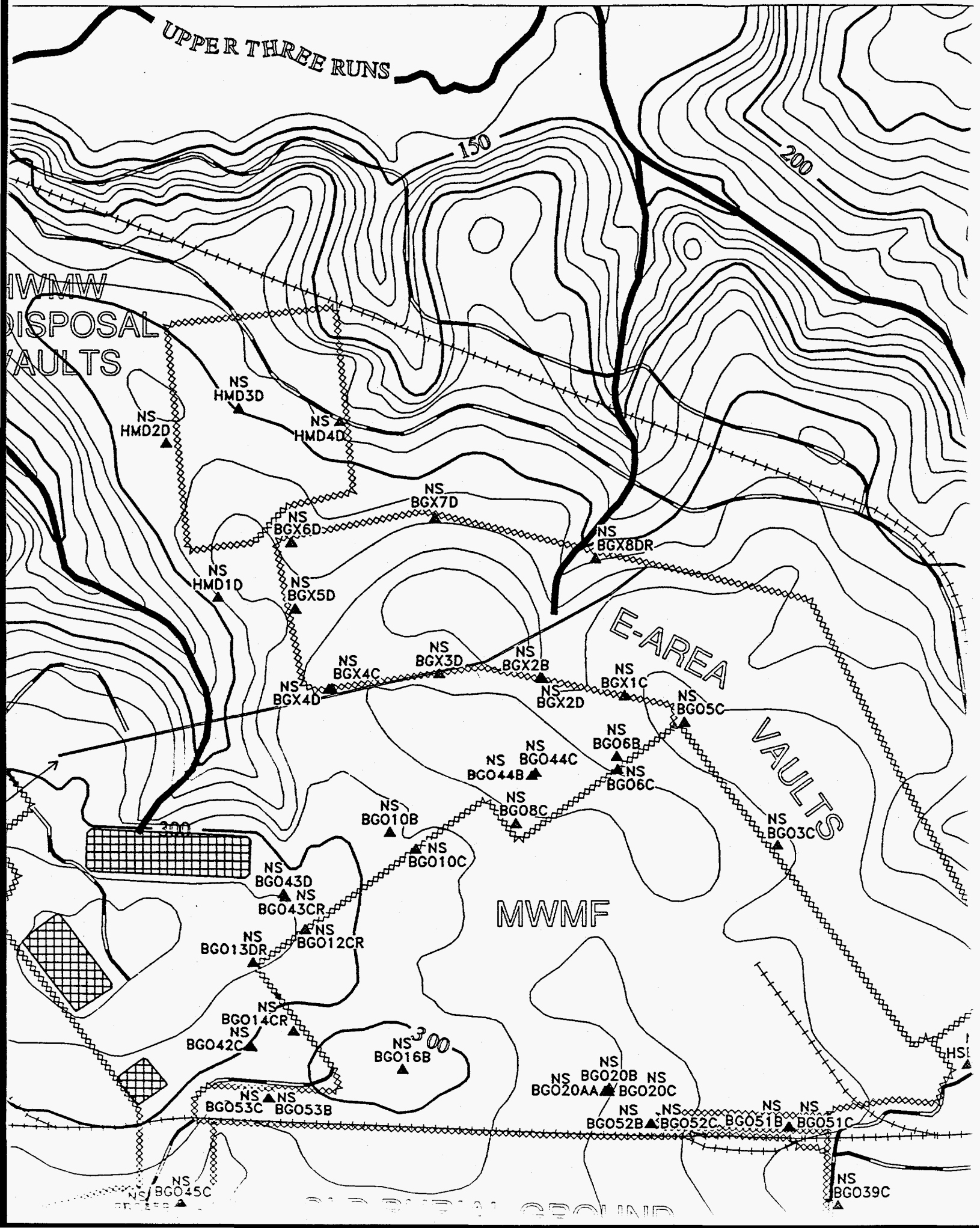
"NA" = Not Analyzed

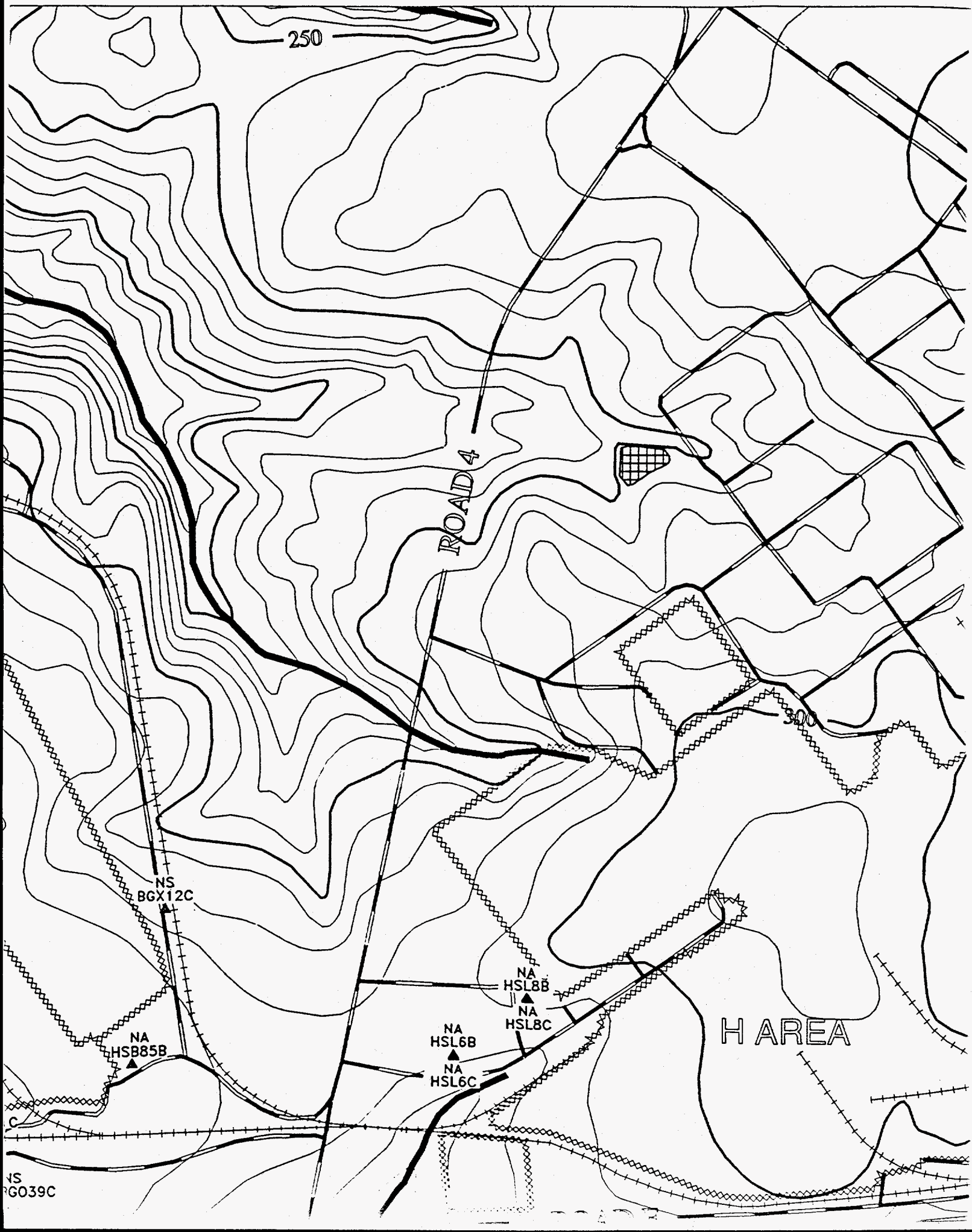
"*" = Wells Not Used to Contour

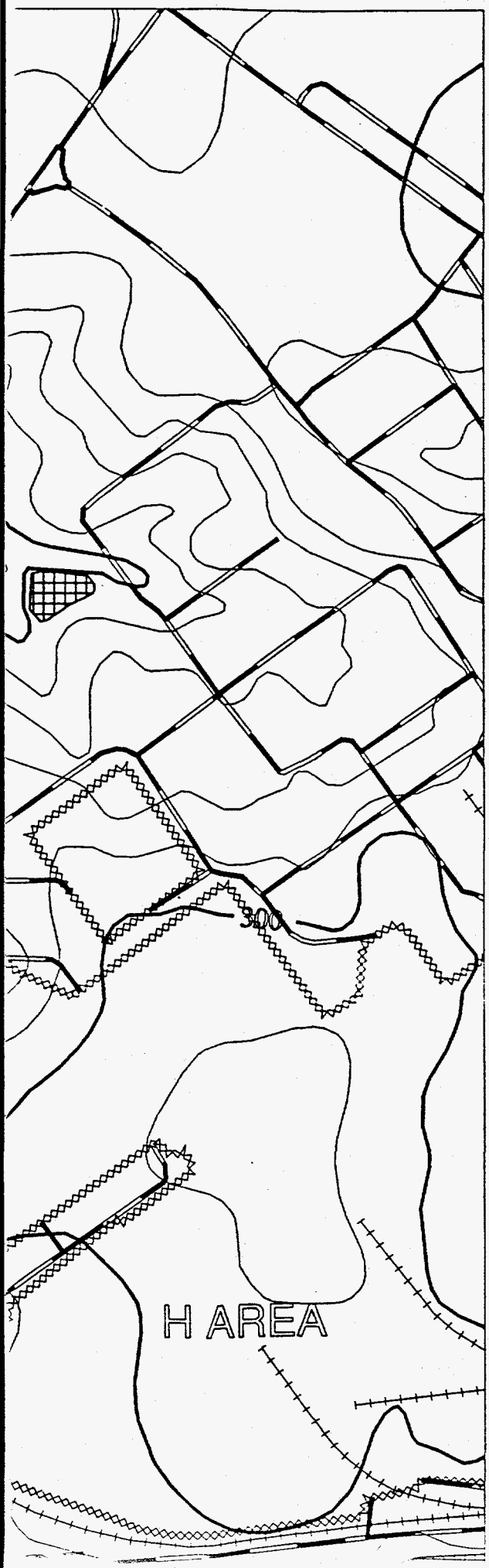
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 15, 150, 500, 1000 pCi/L


250
300
250
Approximate northern limit of confined to semi-confined conditions in Aquifer Zone IIB1 (Barnwell/McBean)
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
NS HMD3D
NS HMD2D
NS HMD4D
NS BGX7D
NS BGX6D
NS BGX8DR
NS HMD1D
NS BGX5D
E-AREA
VAULTS
NS BGX4C
NS BGX3D
NS BGX2B
NS BGX1C
NS BGX4D
NS BGX2D
NS BGO5C
NS BGO6B
NS BGO44C
NS BGO44B
NS BGO6C
NS BGO8C
NS BGO10B
NS BGO3C
300
NS BGO10C
NS BGO43D
NS BGO43CR
MWMF
NS BGO13DR
NS BGO12CR
NS BGO14CR
NS BGO42C
300
NS BGO16B
NS BGO20B
NS BGO20AA
NS BGO20C
NS BGO53C
NS BGO53B
NS BGO52B
NS BGO52C
NS BGO51B
NS BGO51C
NS BGO45C
NS BGO39C


250
ROAD 4
300
NS
BGX12C
NA
HSL8B
NA
HSL8C
NA
HSB85B
NA
HSL6B
NA
HSL6C
H AREA
C
NS
RGO39C



REFERENCE DOCUMENT

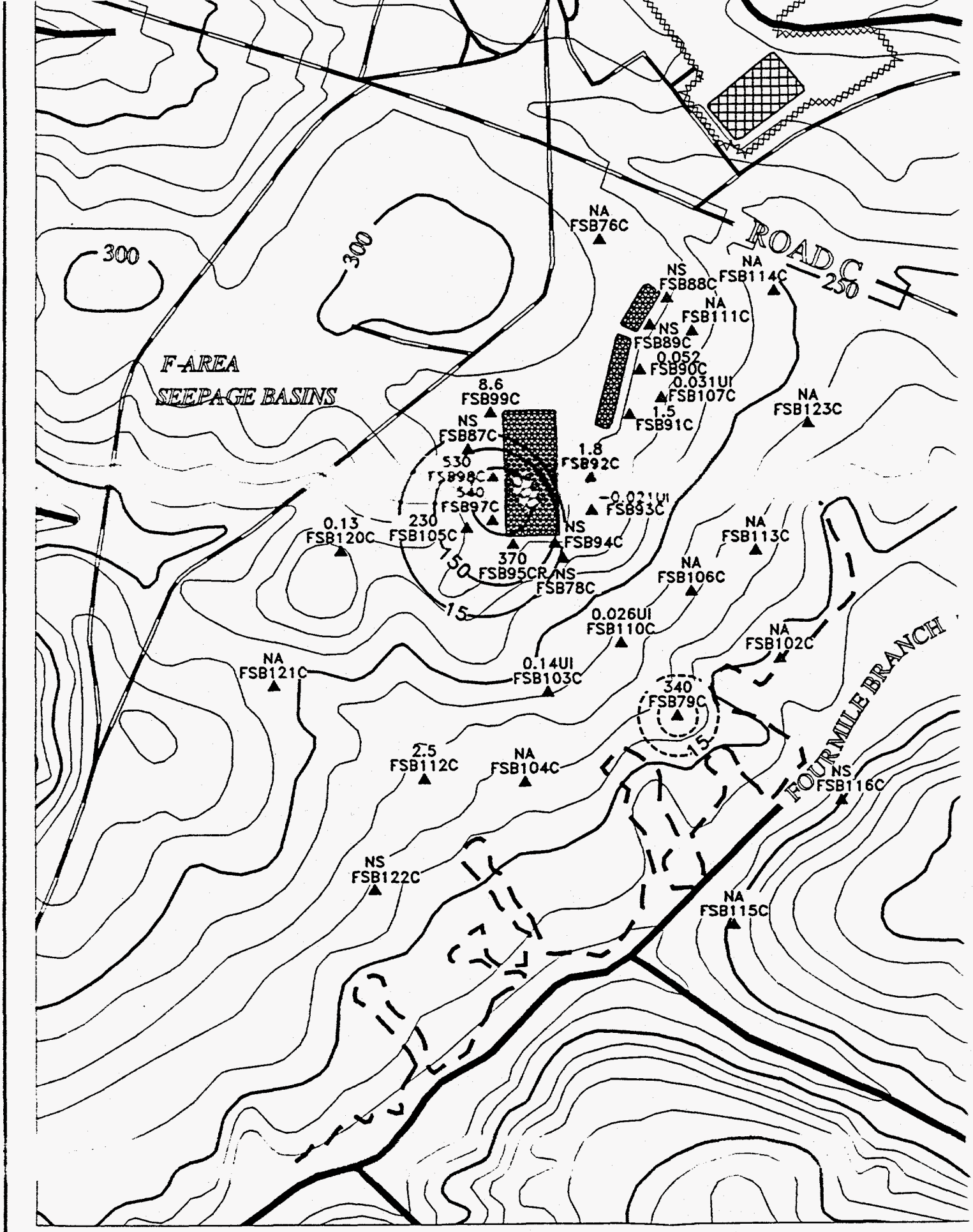
WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

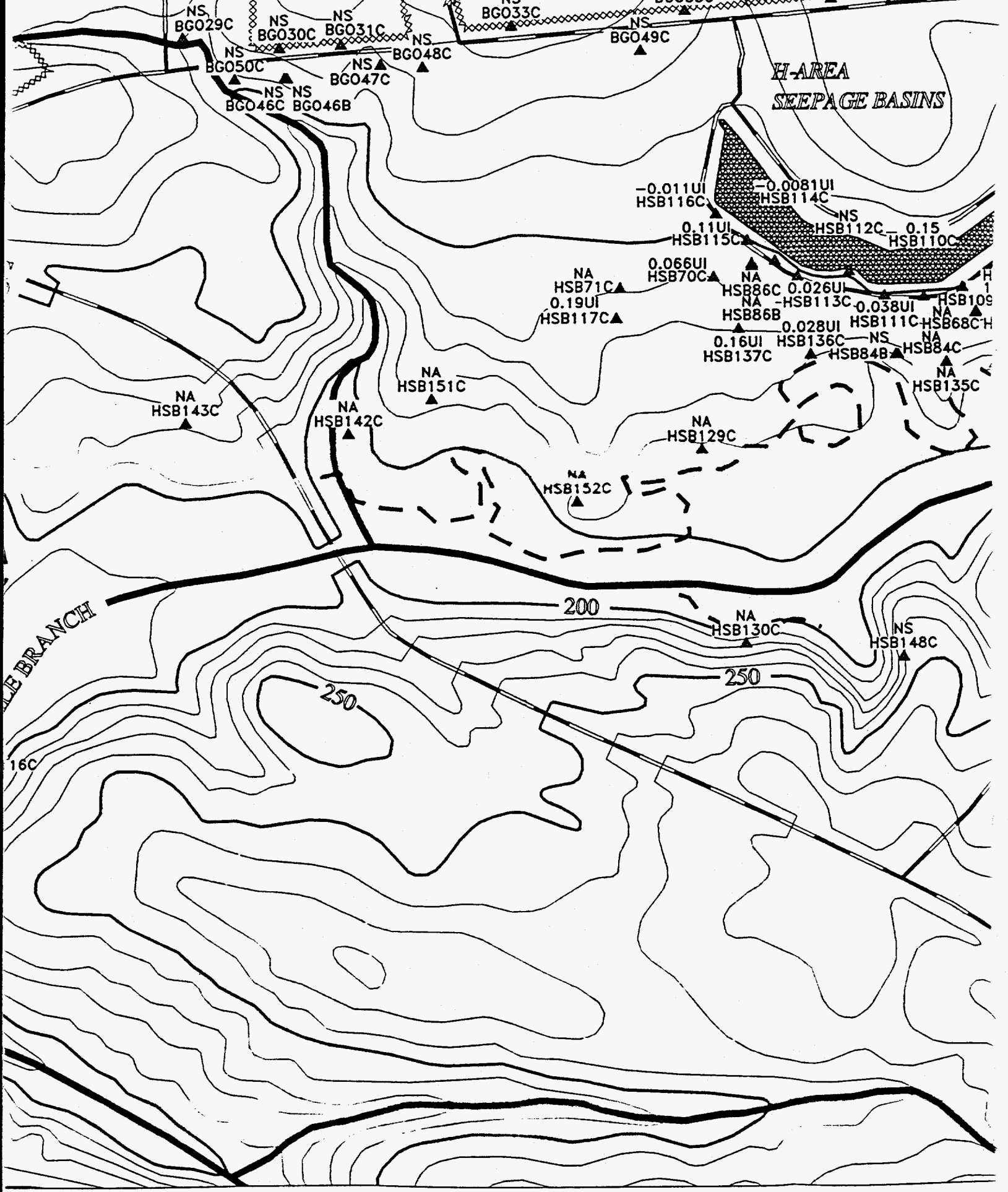
LEGEND

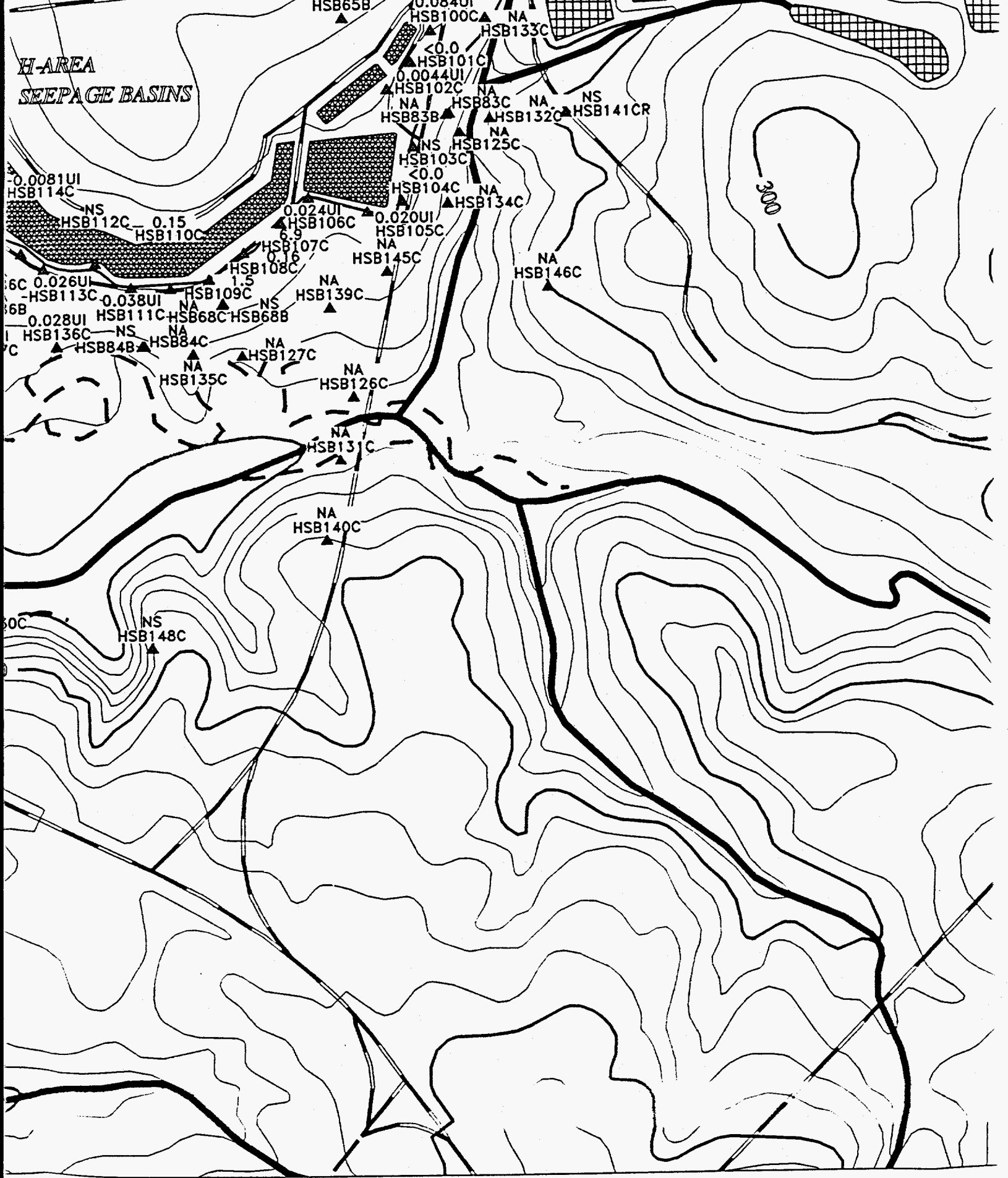
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

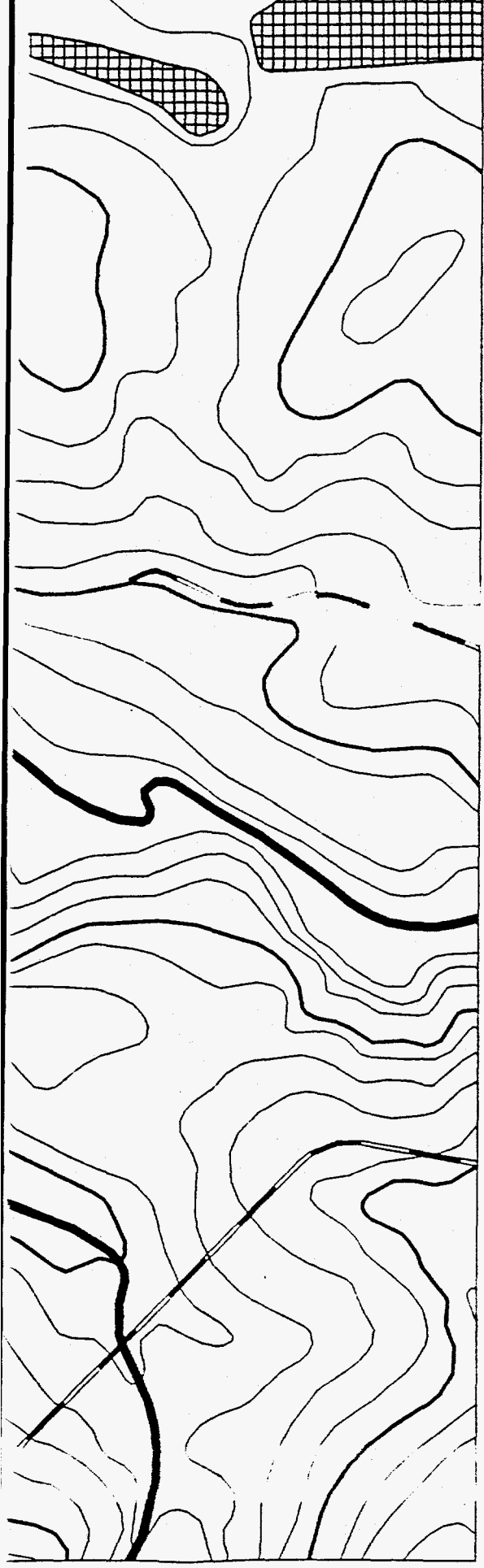
-81.690

-81.638


F-AREA
SEEPAGE BASINS
ROAD C
FOURMILE BRANCH
300
300
250
15
150
15
NA
FSB76C
NS
FSB88C
NA
FSB114C
NA
FSB111C
NS
FSB89C
0.052
FSB90C
0.031UI
FSB107C
1.5
FSB91C
NA
FSB123C
8.6
FSB99C
NS
FSB87C
1.8
FSB92C
530
FSB98C
340
FSB97C
0.021UI
FSB93C
0.13
FSB120C
230
FSB105C
NS
FSB94C
370
FSB95CR
NS
FSB78C
NA
FSB113C
NA
FSB106C
0.026UI
FSB110C
NA
FSB102C
NA
FSB121C
0.14UI
FSB103C
340
FSB79C
2.5
FSB112C
NA
FSB104C
NS
FSB116C
NS
FSB122C
NA
FSB115C


NS BG029C
NS BG030C
NS BG031C
NS BG033C
NS BG049C
NS BG048C
NS BG050C
NS BG047C
NS BG046C
NS BG046B
H-AREA SEEPAGE BASINS
-0.011UI HSB116C
-0.0081UI HSB114C
NS HSB112C
0.15 HSB110C
0.11UI HSB115C
0.066UI HSB70C
NA HSB71C
NA HSB86C
0.026UI
NA HSB113C
0.038UI
NA HSB111C
NA HSB68C
0.19UI HSB117C
NA HSB86B
0.028UI HSB136C
NS HSB84B
NA HSB84C
0.16UI HSB137C
NA HSB135C
NA HSB151C
NA HSB143C
NA HSB142C
NA HSB129C
NA HSB152C
200
NA HSB130C
NS HSB148C
250
250
16C
E BRANCH


H-AREA
SEEPAGE BASINS
HSB65B
HSB100C
NA
HSB133C
<0.0
HSB101C
0.0044UI
HSB102C
NA
HSB83C
NA
HSB132C
NS
HSB141CR
NA
HSB83B
NA
HSB125C
NS
HSB103C
<0.0
HSB104C
NA
HSB134C
0.0081UI
HSB114C
NS
HSB112C
0.15
HSB110C
0.024UI
HSB106C
6.9
HSB107C
0.16
HSB108C
0.020UI
HSB105C
NA
HSB145C
NA
HSB146C
300
0.026UI
HSB113C
0.038UI
HSB109C
1.5
NA
HSB139C
0.028UI
HSB111C
NA
HSB68C
NS
HSB68B
NS
HSB136C
NA
HSB84C
HSB84B
NA
HSB127C
NA
HSB135C
NA
HSB126C
NA
HSB131C
NA
HSB140C
NS
HSB148C



LATITUDE-
LONGITUDE

33.261 33.261

-81.690 -81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

BARNWELL/McBEAN

CONSTITUENT:

URANIUM 238

GWPS = 15 pCi/L

"NS" = Not Sampled

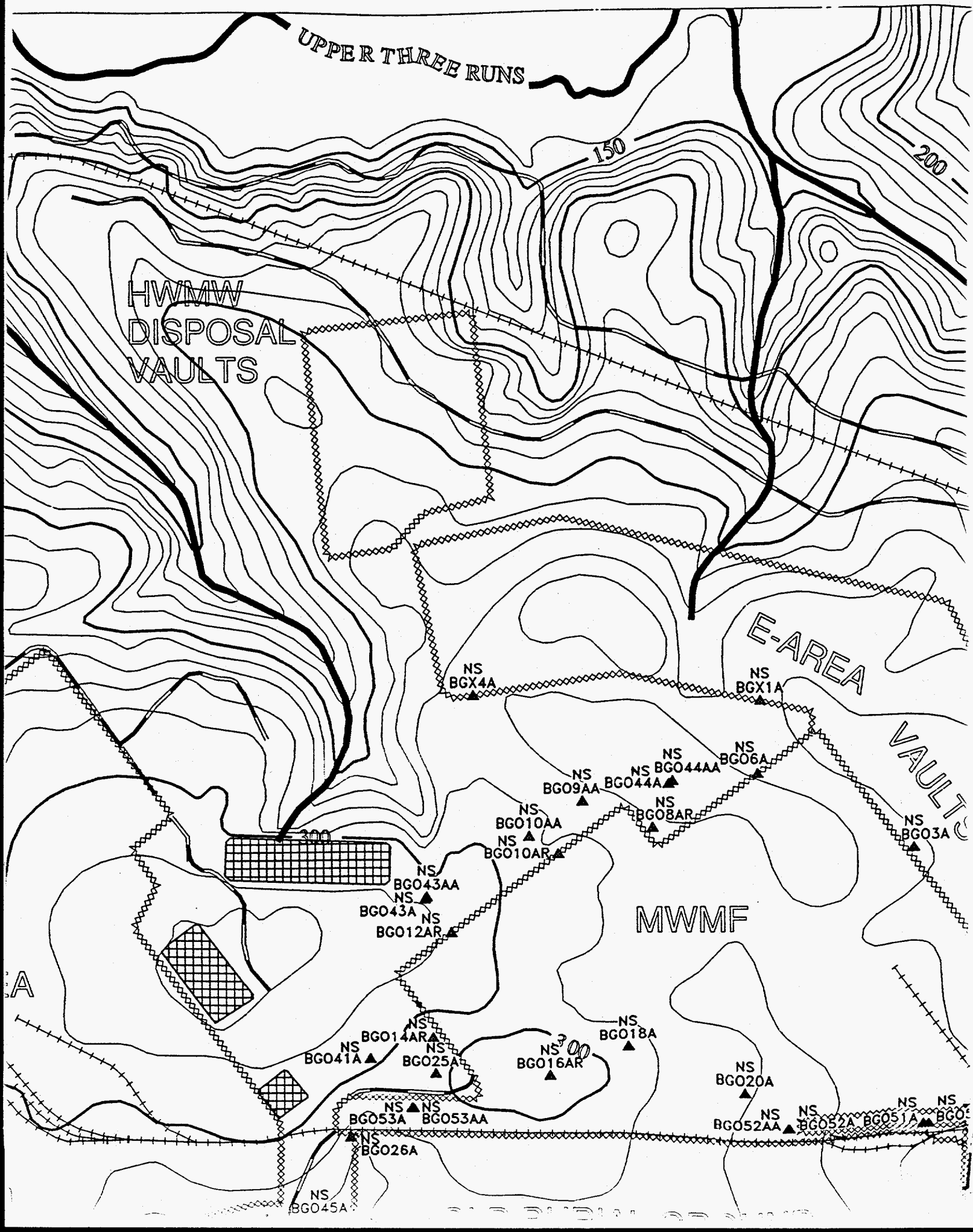
"NA" = Not Analyzed

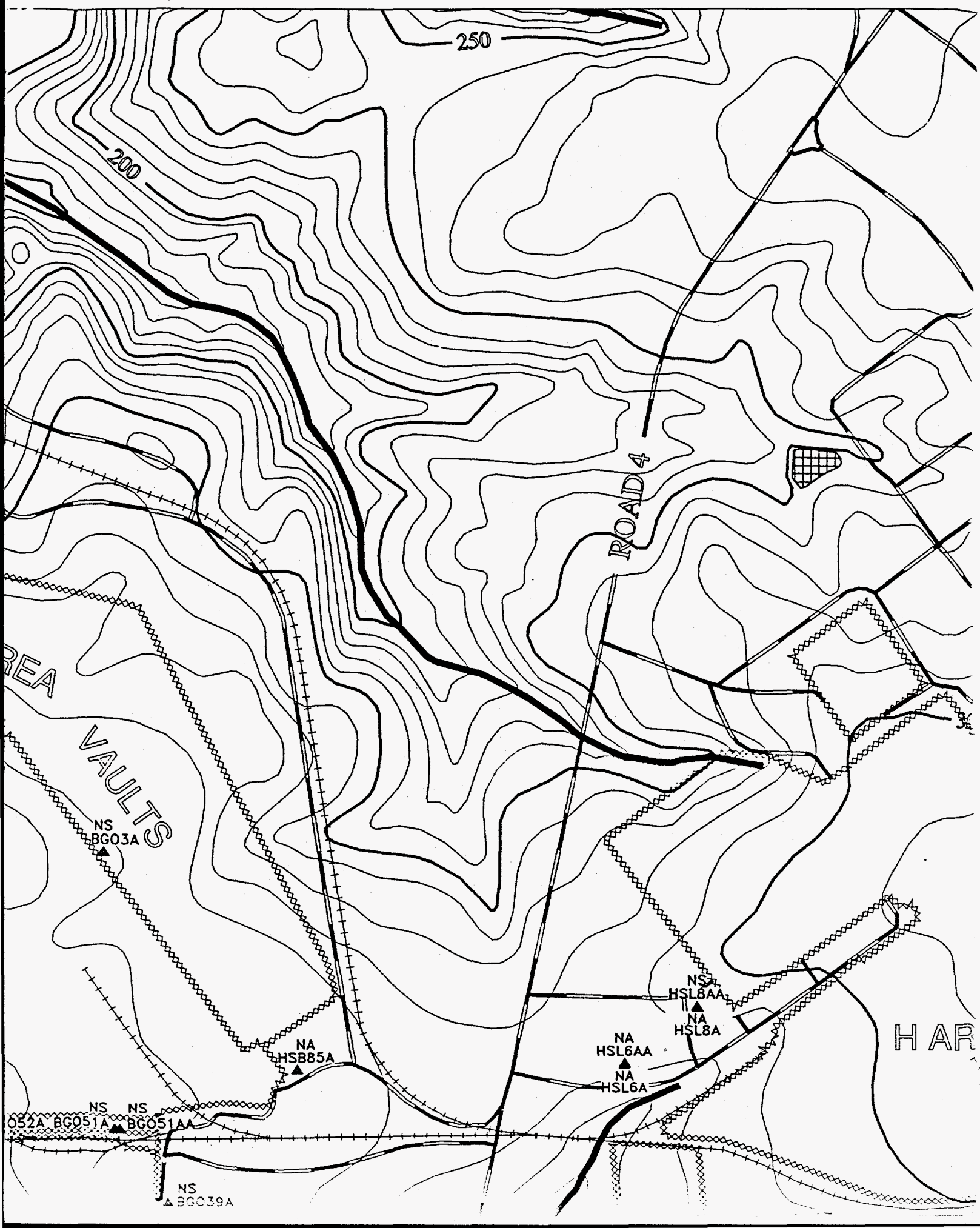
"*" = Wells Not Used to Contour

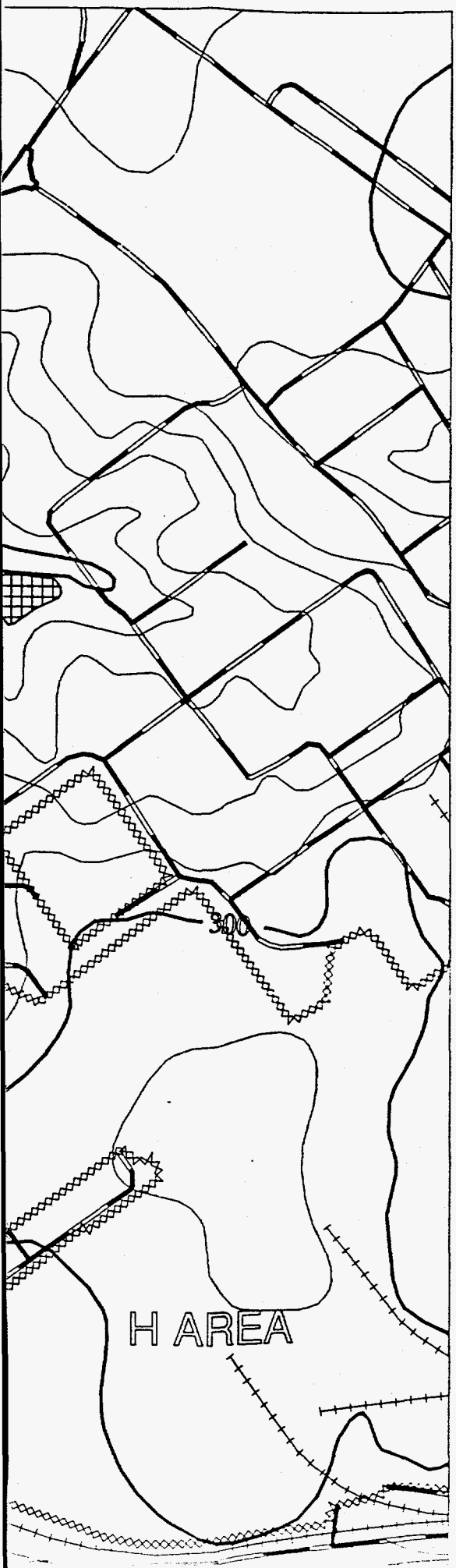
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 15, 150, 500, 1000 pCi/L

350
300
250
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
E-AREA
VAULTS
MWMF
300
NS BGX4A
NS BGX1A
NS BGO44AA
NS BGO44A
NS BGO6A
NS BGO9AA
NS BGO10AA
NS BGO8AR
NS BGO10AR
NS BGO3A
NS BGO43AA
NS BGO43A
NS BGO12AR
NS BGO14AR
NS BGO41A
NS BGO25A
NS BGO16AR
NS BGO18A
NS BGO20A
NS BGO53A
NS BGO53AA
NS BGO52AA
NS BGO52A
NS BGO51A
NS BGO26A
NS BGO45A


250
200
ROAD 4
REA
VAULTS
NS
BG03A
NS
HSL8AA
NA
HSL8A
NA
HSL6AA
NA
HSL6A
NA
HSB85A
NS
052A
NS
BG051A
NS
BG051AA
NS
BG039A
HAR



REFERENCE DOCUMENT

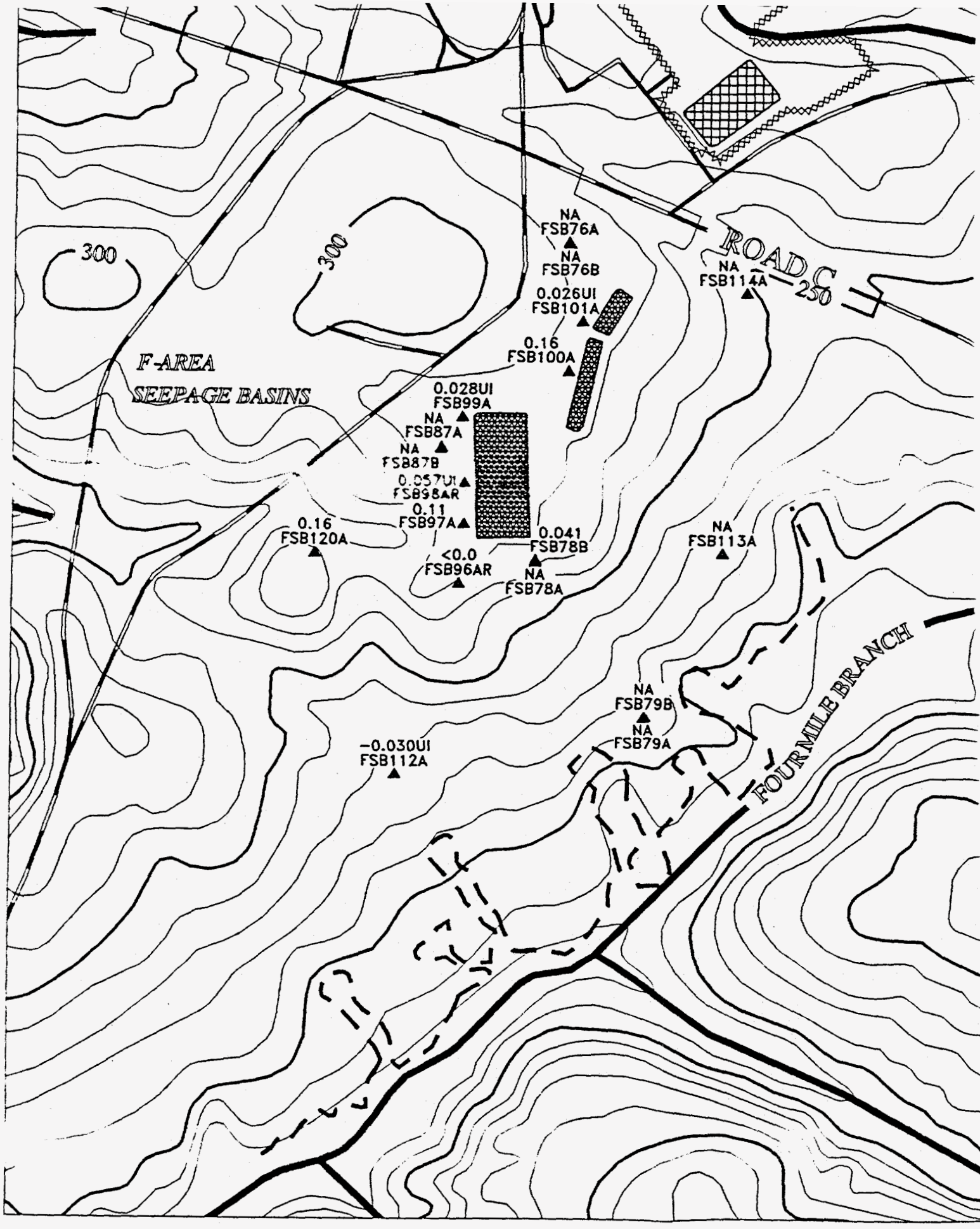
WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

LEGEND

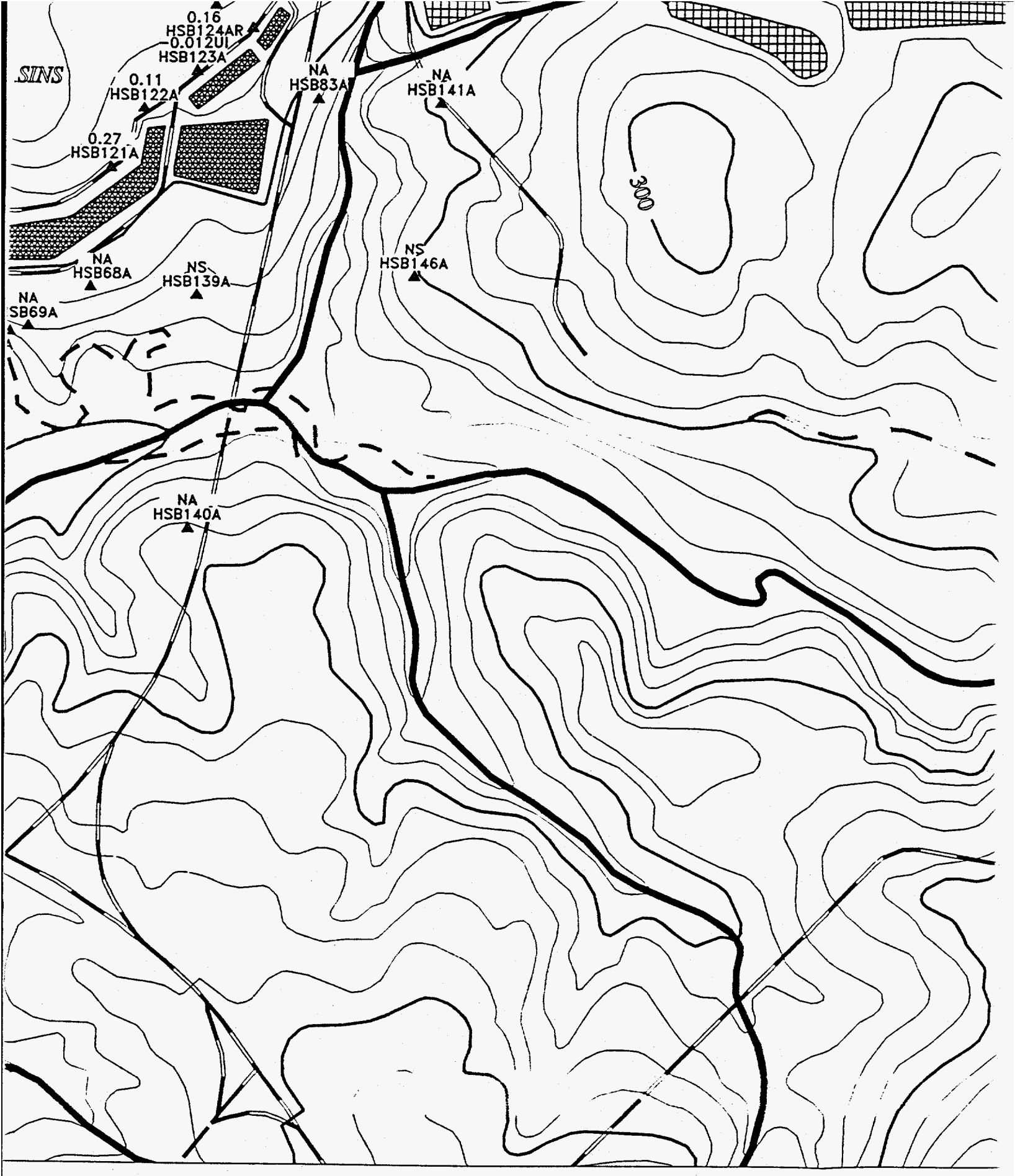
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

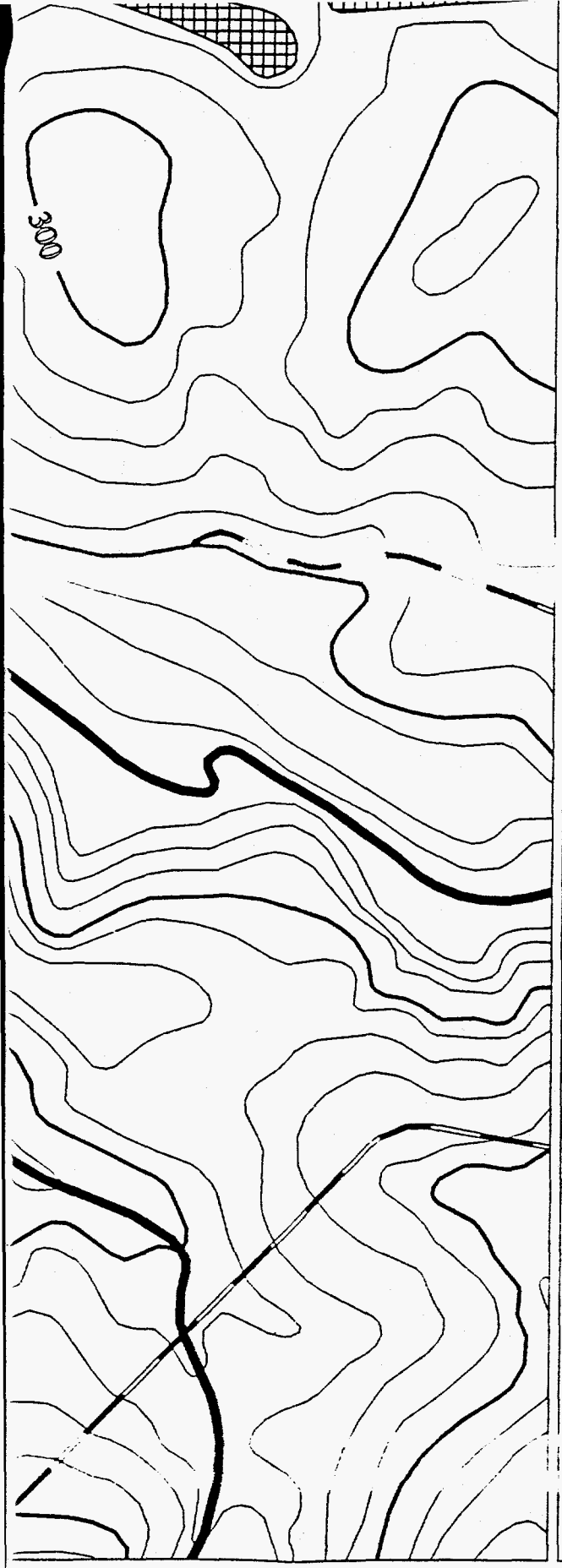
81.690

81.638


300
300
NA
FSB76A
NA
FSB76B
0.026UI
FSB101A
0.16
FSB100A
ROAD C
NA
FSB114A
250
F-AREA
SEEPAGE BASINS
0.028UI
FSB99A
NA
FSB87A
NA
FSB87B
0.057UI
FSB98AR
0.11
FSB97A
0.16
FSB120A
<0.0
FSB96AR
0.041
FSB78B
NA
FSB78A
NA
FSB113A
NA
FSB79B
NA
FSB79A
-0.030UI
FSB112A
FOURMILE BRANCH

NS
BGO50A
NS
BGO47A
NS
BGO49A
0.2
HSB120A
H-AREA
SEEPAGE BASINS
0.16
HSB124AR
0.012UI
HSB123A
0.11
HSB122A
0.18UI
HSB119A
0.27
HSB121A
NA
HSB118A
NA
HSB86A
NA
HSB117A
NA
HSB144A
NA
HSB68A
NS
HSB139A
NA
HSB69A
NA
HSB84A
NA
HSB140A
200
250
250


0.16
HSB124AR
0.012UL
HSB123A
SINS
0.11
HSB122A
NA
HSB83A
NA
HSB141A
0.27
HSB121A
300
NA
HSB68A
NS
HSB139A
NS
HSB146A
NA
SB69A
NA
HSB140A



LONGITUDE

33.261 33.261

-81.690 -81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

CONGAREE

CONSTITUENT:

URANIUM 238

GWPS = 15 pCi/L

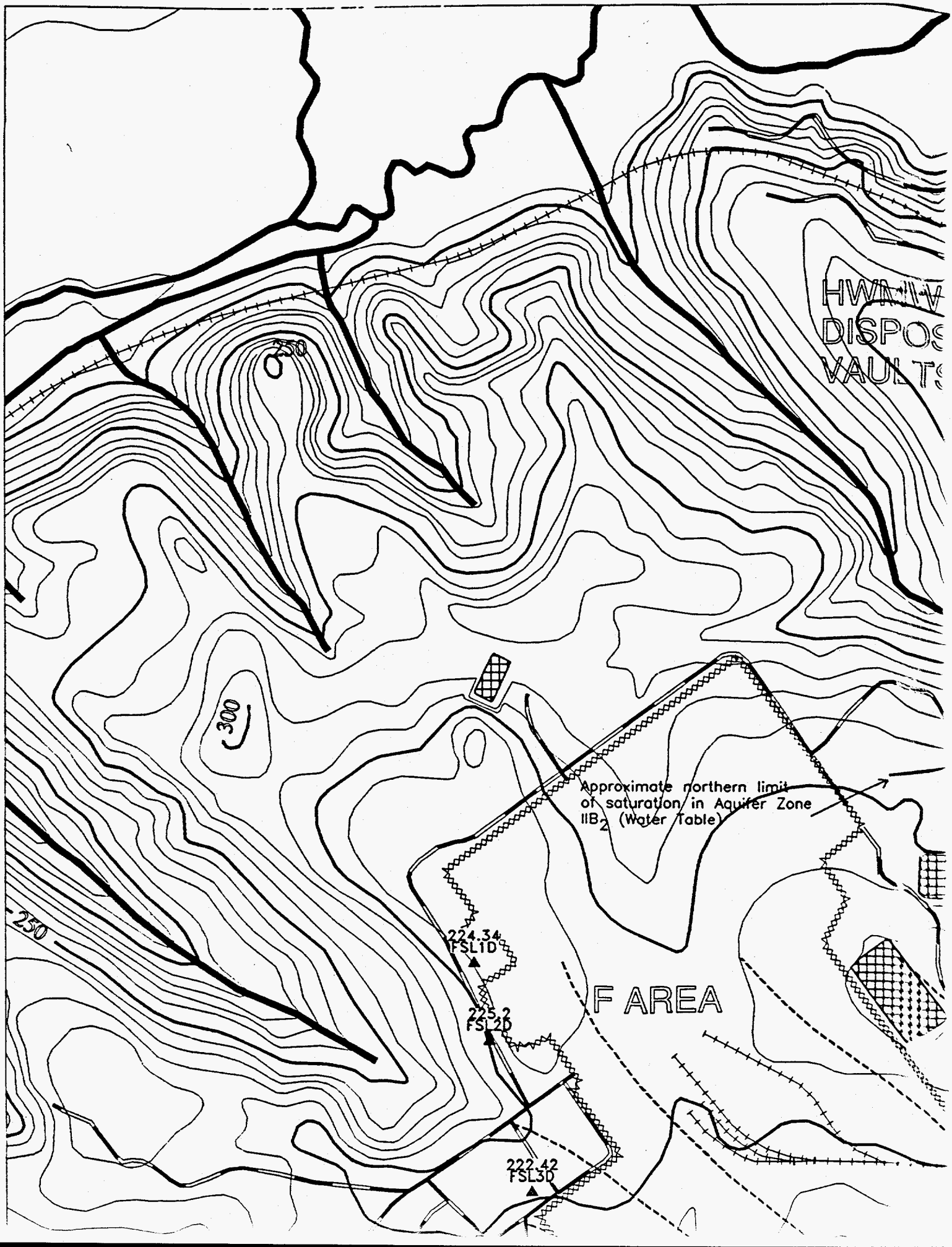
"NS" = Not Sampled

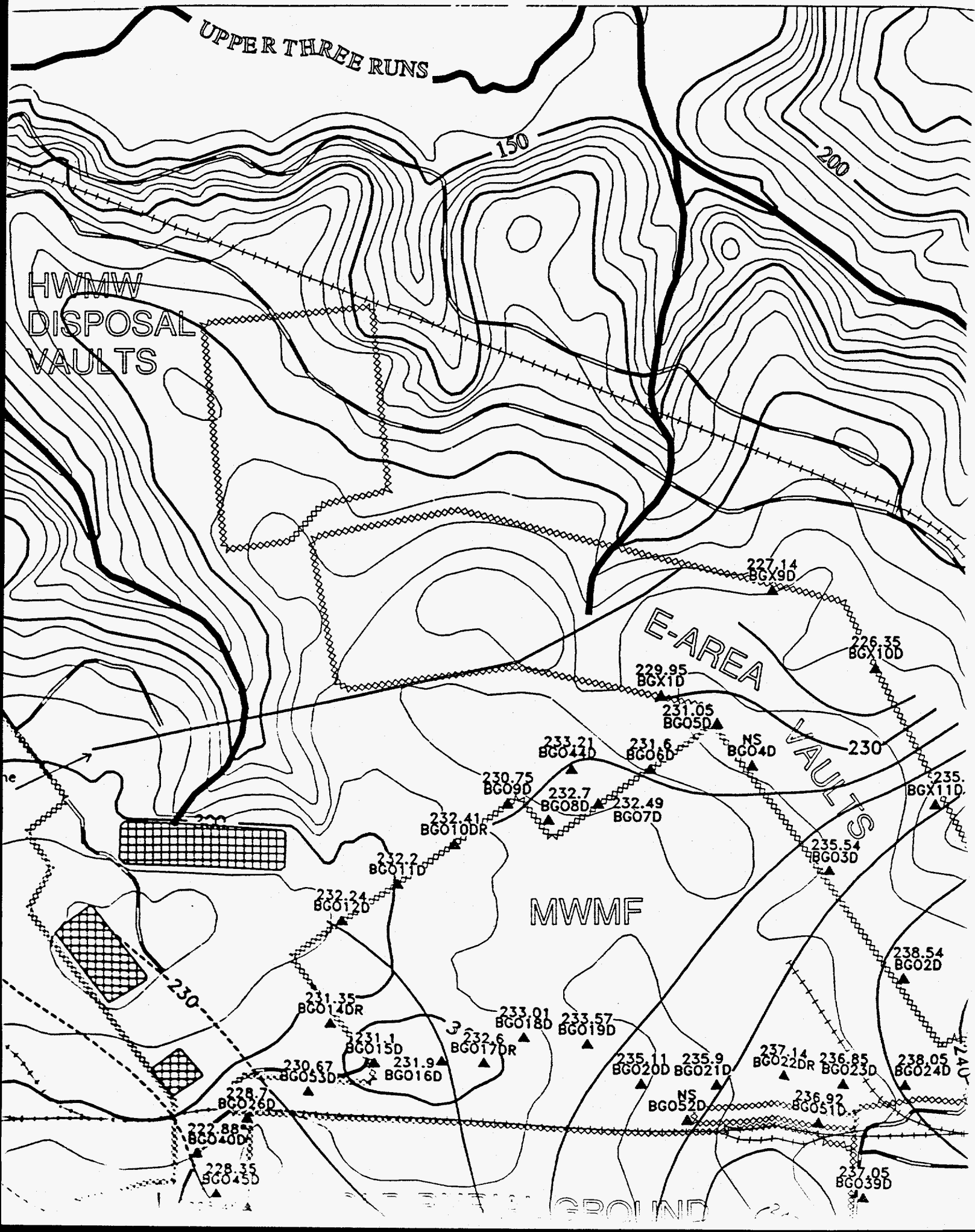
"NA" = Not Analyzed

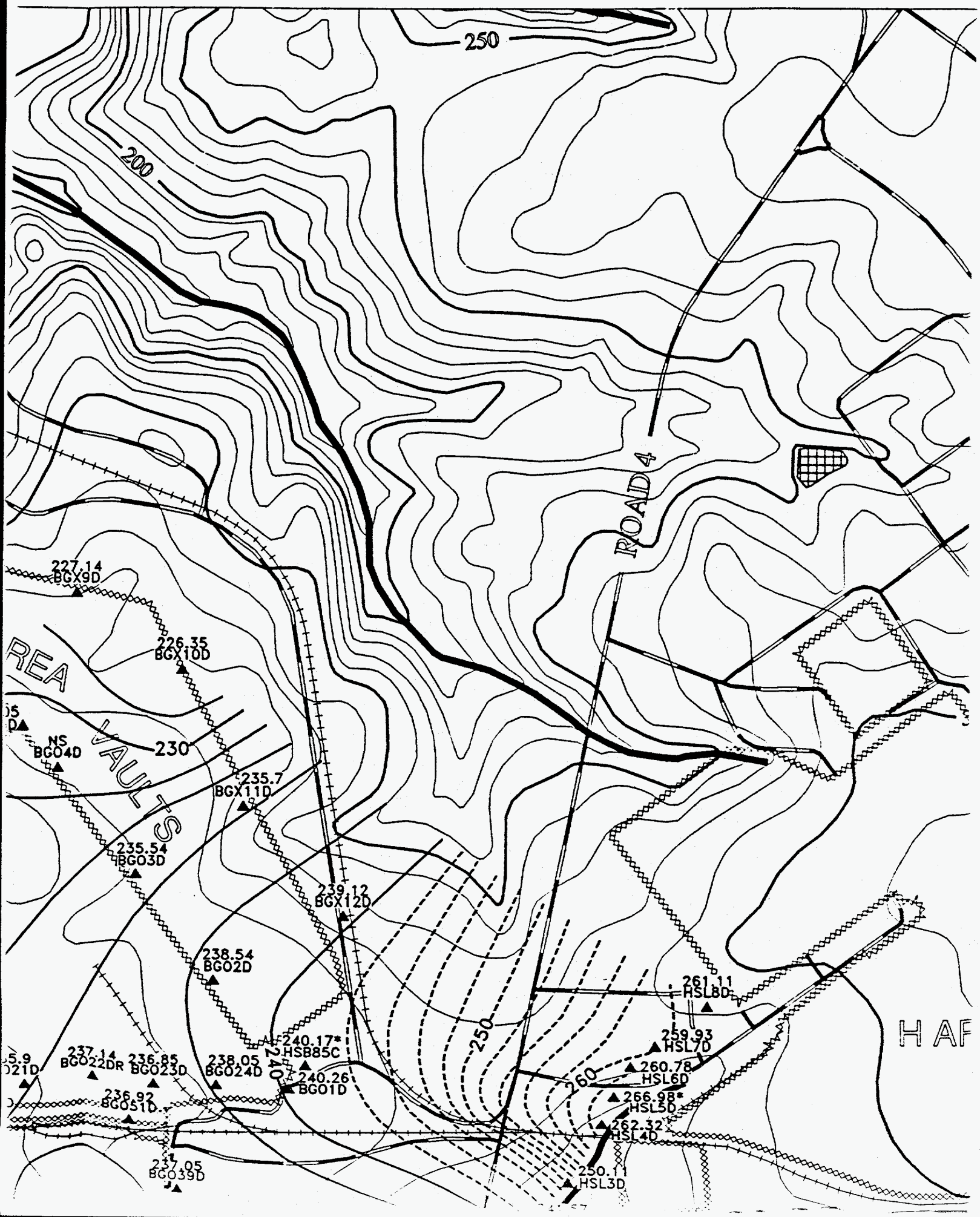
"*" = Wells Not Used to Contour

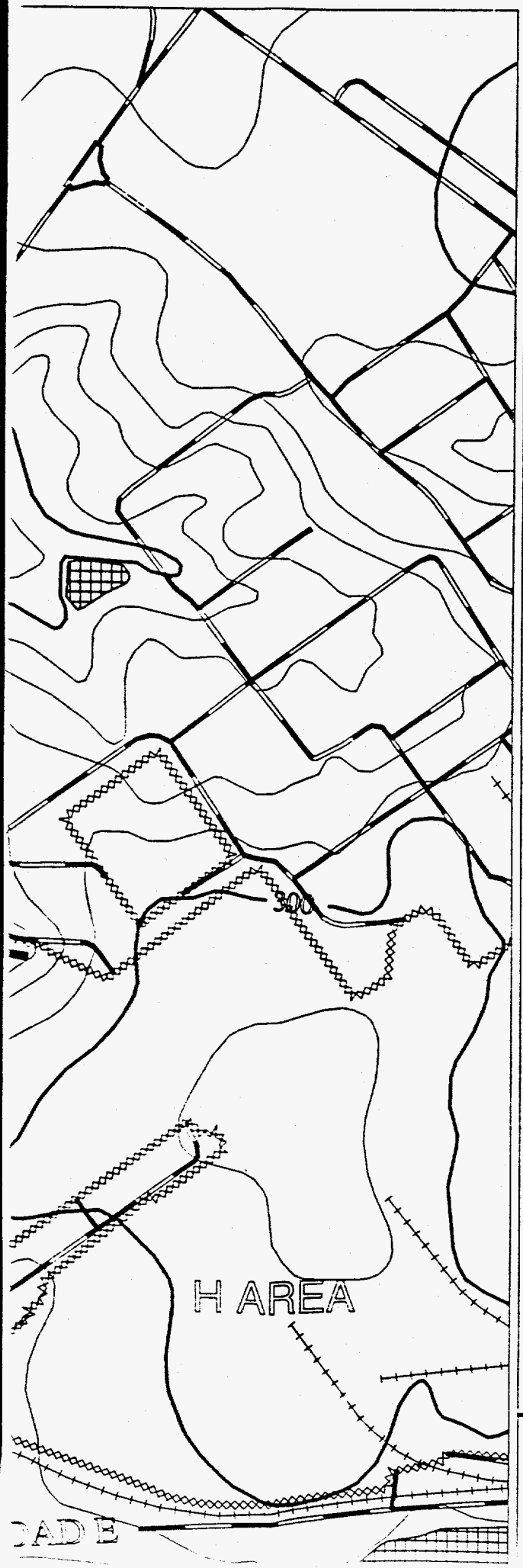
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 15, 150, 500, 1000 pCi/L


250
300
250
Approximate northern limit of saturation in Aquifer Zone IIB2 (Water Table)
224.34
FSL1D
225.2
FSL2D
222.42
FSL3D
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
E-AREA VAULTS
MWMF
230
227.14
BGX9D
226.35
BGX10D
229.95
BGX1D
231.05
BGO5D
233.21
BGO4AD
231.6
BGO6D
NS
BGO4D
230.75
BGO9D
232.7
BGO8D
232.49
BGO7D
232.41
BGO10DR
232.2
BGO11D
232.24
BGO12D
235.
BGX11D
235.54
BGO3D
238.54
BGO2D
231.35
BGO14DR
233.01
BGO18D
233.57
BGO19D
231.1
BGO15D
232.6
BGO17DR
231.9
BGO16D
230.67
BGO53D
235.11
BGO20D
235.9
BGO21D
237.14
BGO22DR
236.85
BGO23D
238.05
BGO24D
228.7
BGO26D
NS
BGO52D
236.92
BGO51D
222.88
BGO40D
228.35
BGO45D
237.05
BGO39D


250
200
ROAD 4
227.14
BGX9D
226.35
BGX10D
REA
VAULTS
NS
BGO4D
230
235.7
BGX11D
235.54
BGO3D
239.12
BGX12D
238.54
BGO2D
261.11
HSL8D
240.17*
HSB85C
259.93
HSL7D
237.14
BGO22DR
236.85
BGO23D
238.05
BGO24D
240.26
BGO1D
260.78
HSL6D
236.92
BGO51D
266.98*
HSL5D
262.32
HSL4D
237.05
BGO39D
250.11
HSL3D
250
260
HAF



REFERENCE DOCUMENT

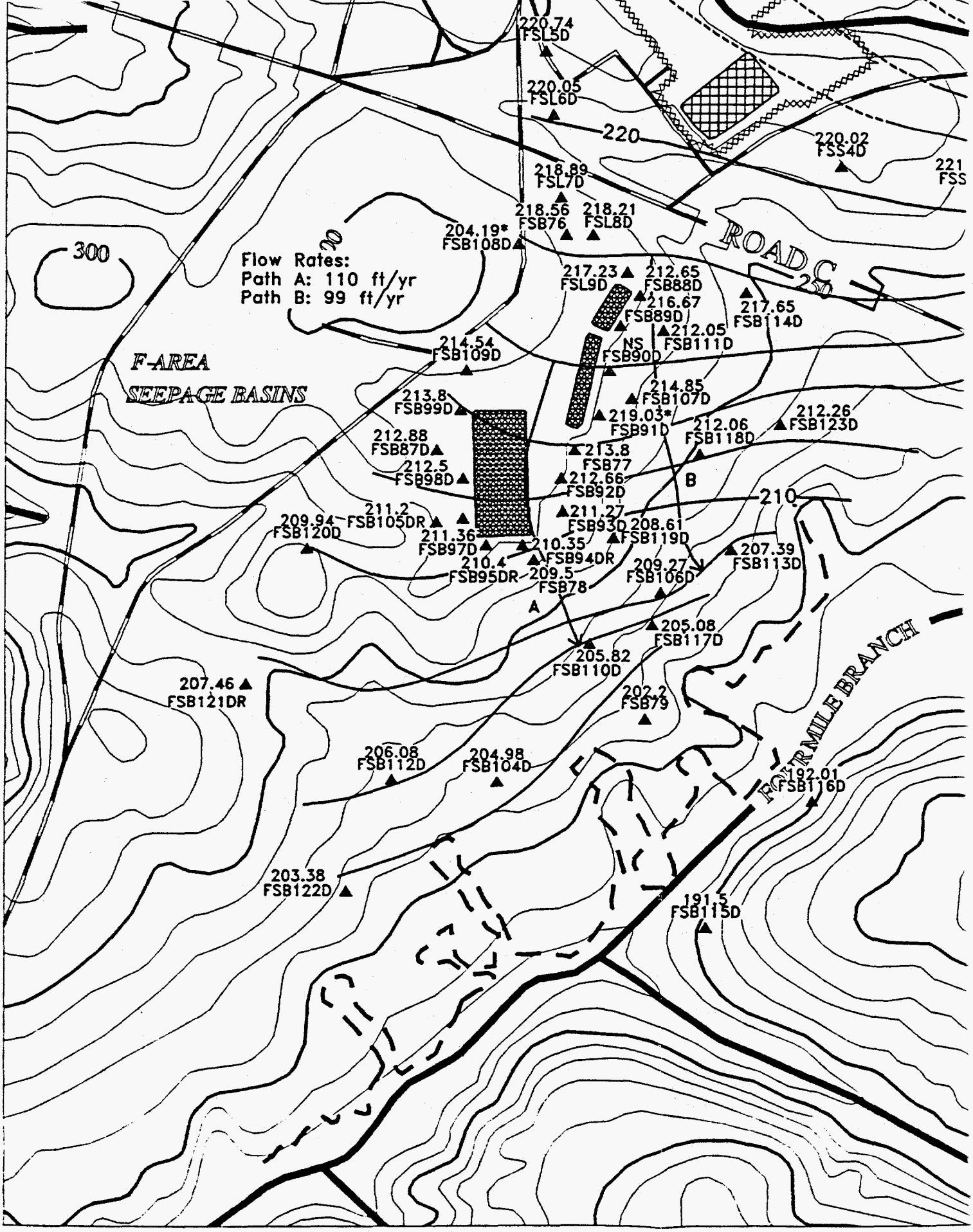
WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

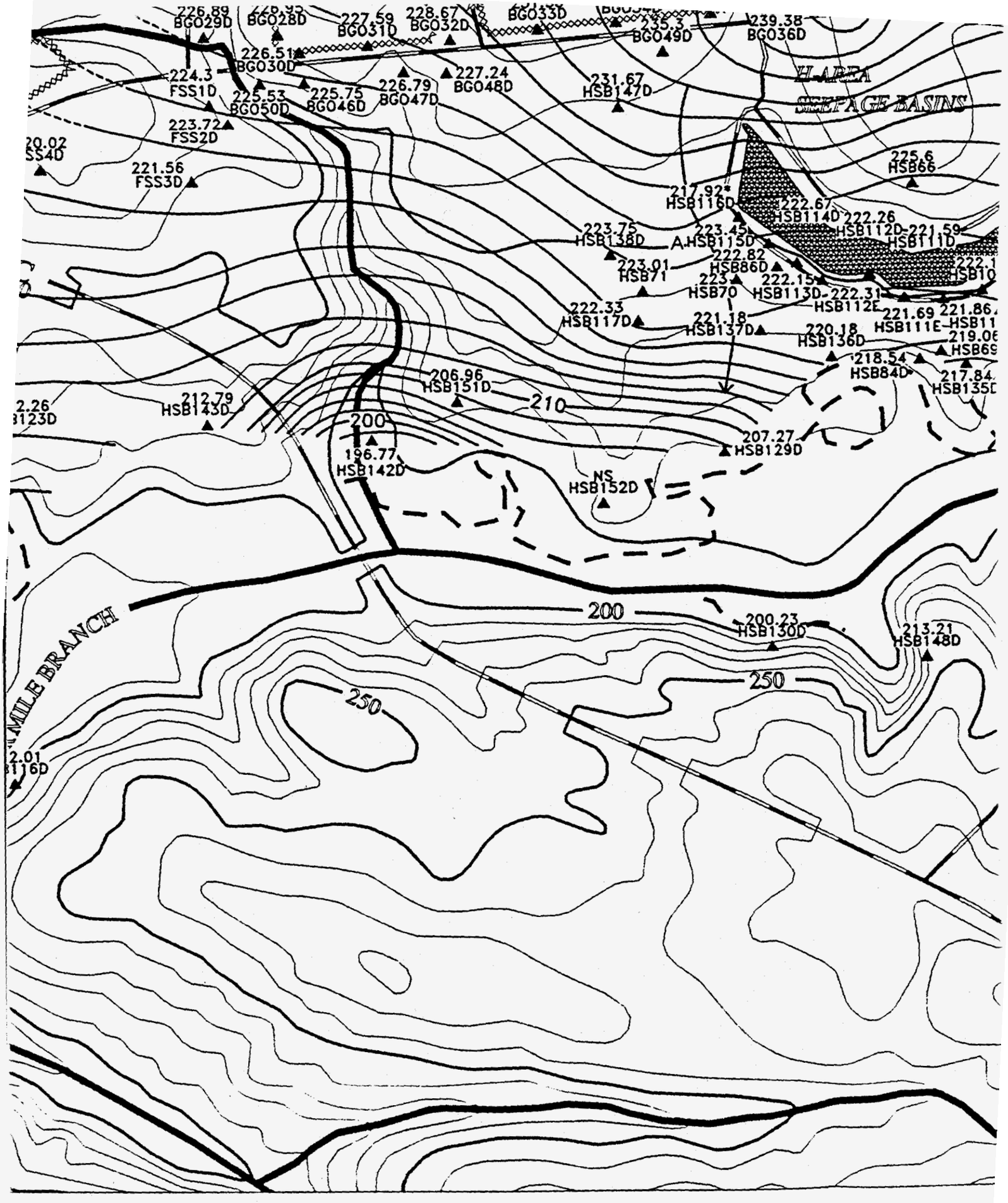
LEGEND

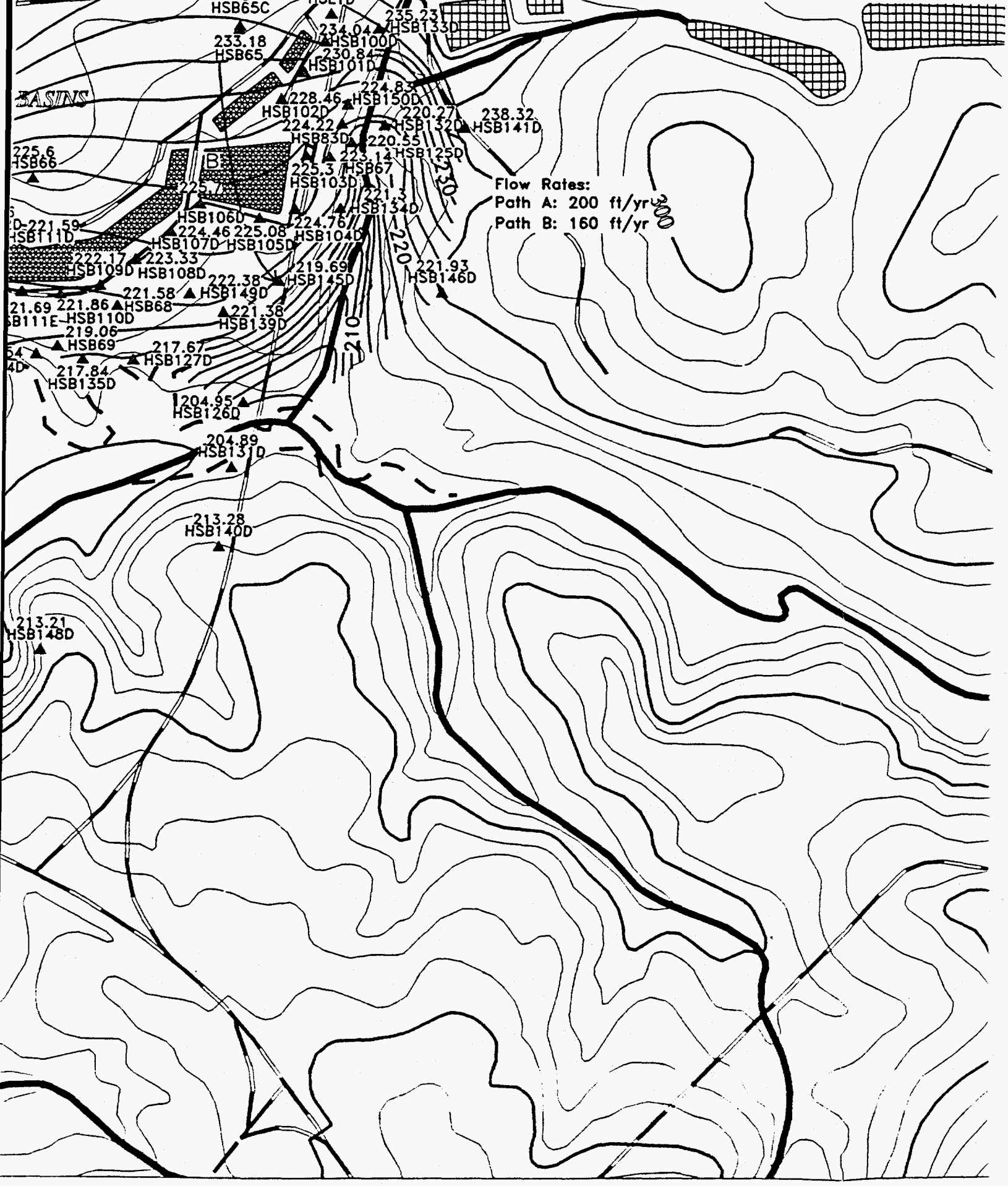
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED POTENTIOMETRIC CONTOUR
- POTENTIOMETRIC CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

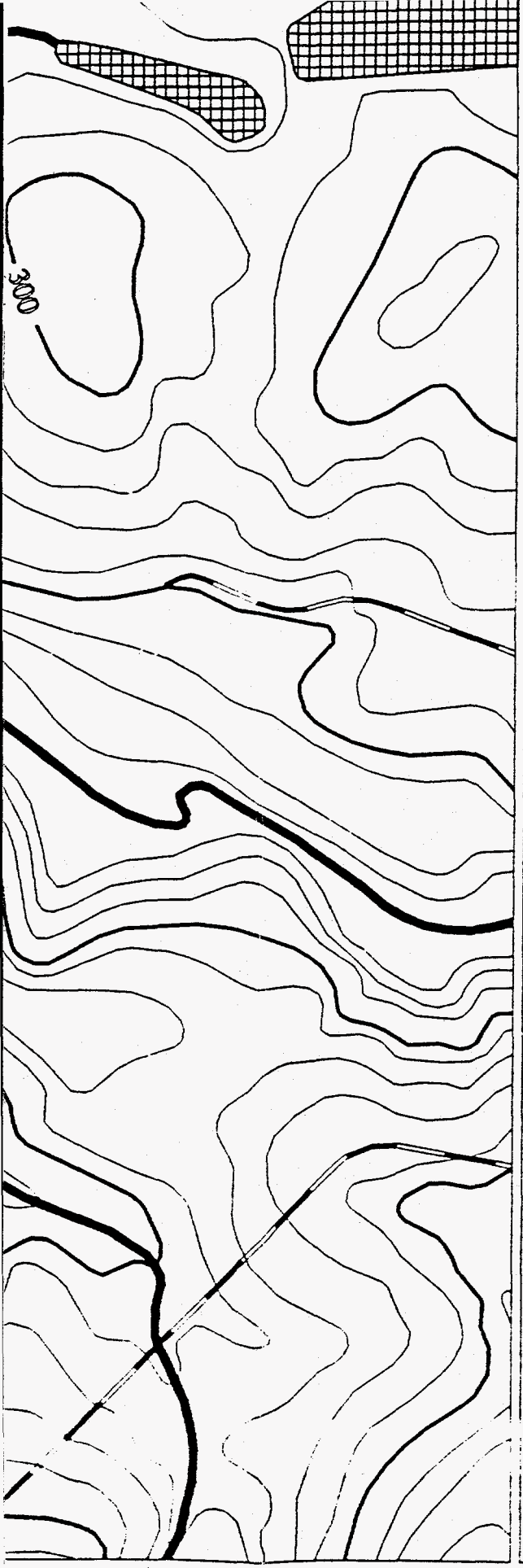
-81.690 -81.638

33.304 33.305


220.74
FSL5D
220.05
FSL6D
220
220.02
FSS4D
221
FSS
218.89
FSL7D
218.56
FSB76
218.21
FSL8D
204.19*
FSB108D
300
Flow Rates:
Path A: 110 ft/yr
Path B: 99 ft/yr
217.23
FSL9D
212.65
FSB88D
216.67
FSB89D
217.65
FSB114D
212.05
FSB111D
NS
FSB90D
214.54
FSB109D
ROAD C
250
F-AREA
SEEPAGE BASINS
213.8
FSB99D
214.85
FSB107D
219.03*
FSB91D
212.06
FSB118D
212.26
FSB123D
212.88
FSB87D
213.8
FSB77
212.5
FSB98D
212.66
FSB92D
B
210
211.2
209.94
FSB120D
FSB105DR
211.27
FSB93D
208.61
FSB119D
211.36
FSB97D
210.35
FSB94DR
207.39
FSB113D
210.4
FSB95DR
209.5
FSB78
209.27
FSB106D
A
205.08
FSB117D
205.82
FSB110D
207.46
FSB121DR
202.2
FSB79
FOURMILE BRANCH
206.08
FSB112D
204.98
FSB104D
192.01
FSB116D
203.38
FSB122D
191.5
FSB115D


226.89
BGO29D
BGO28D
227.59
BGO31D
228.67
BGO32D
BGO33D
235.3
BGO49D
239.38
BGO36D
226.51
BGO30D
224.3
FSS1D
225.53
BGO50D
225.75
BGO46D
226.79
BGO47D
227.24
BGO48D
231.67
HSB147D
HARA
SEEPAGE BASINS
223.72
FSS2D
20.02
SS4D
221.56
FSS3D
225.6
HSB66
217.92*
HSB116D
222.67
HSB114D
222.26
HSB112D
221.59
HSB111D
223.75
HSB138D
223.45
HSB115D
222.82
HSB86D
223.01
HSB71
223
HSB70
222.15
HSB113D
222.31
HSB112E
222.33
HSB117D
221.18
HSB137D
221.69
221.86
HSB111E
HSB11
220.18
HSB136D
219.0
HSB69
218.54
HSB84D
217.84
HSB135D
206.96
HSB151D
210
212.79
HSB143D
2.26
3123D
200
196.77
HSB142D
207.27
HSB129D
NS
HSB152D
200
200.23
HSB130D
213.21
HSB148D
250
250
MILE BRANCH
2.01
116D


HSB65C
233.18
HSB65
234.04
HSB100D
230.84
HSB101D
235.23
HSB133D
224.83
228.46
HSB150D
HSB102D
220.27
238.32
224.22
HSB132D
HSB141D
HSB83D
220.55
HSB125D
223.14
225.6
HSB66
225.3
HSB67
HSB103D
221.3
HSB134D
HSB106D
224.76
HSB104D
224.46
225.08
HSB107D
HSB105D
222.17
223.33
HSB109D
HSB108D
219.69
HSB145D
222.38
221.93
HSB146D
221.58
HSB149D
HSB68
221.38
HSB139D
HSB110D
219.06
HSB69
217.67
HSB127D
217.84
HSB135D
204.95
HSB126D
204.89
HSB131D
213.28
HSB140D
213.21
HSB148D
Flow Rates:
Path A: 200 ft/yr
Path B: 160 ft/yr
230
220
210
B



LATITUDE-
LONGITUDE

33.261

33.261

-81.690

-81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

WATER TABLE

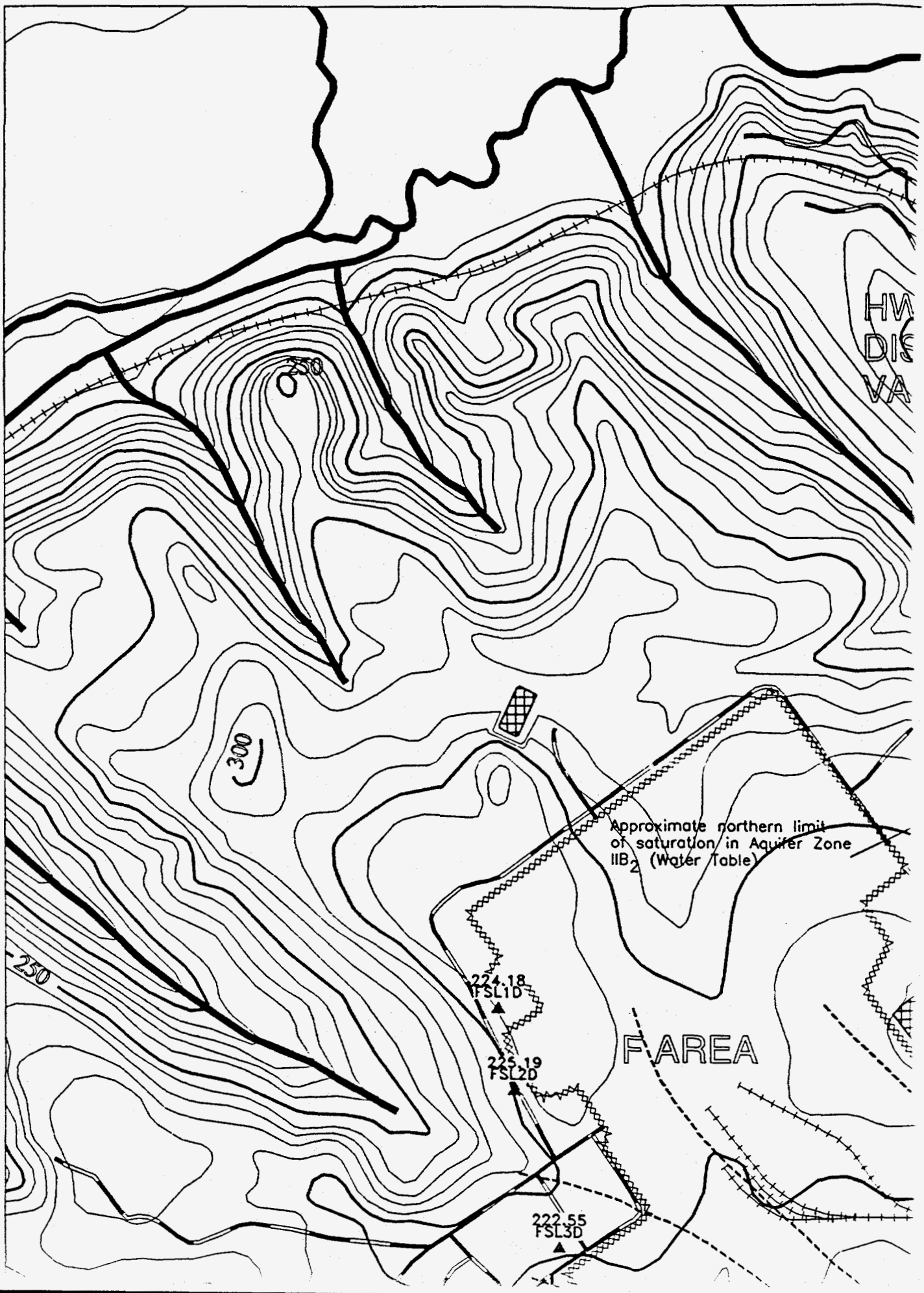
NOTES:

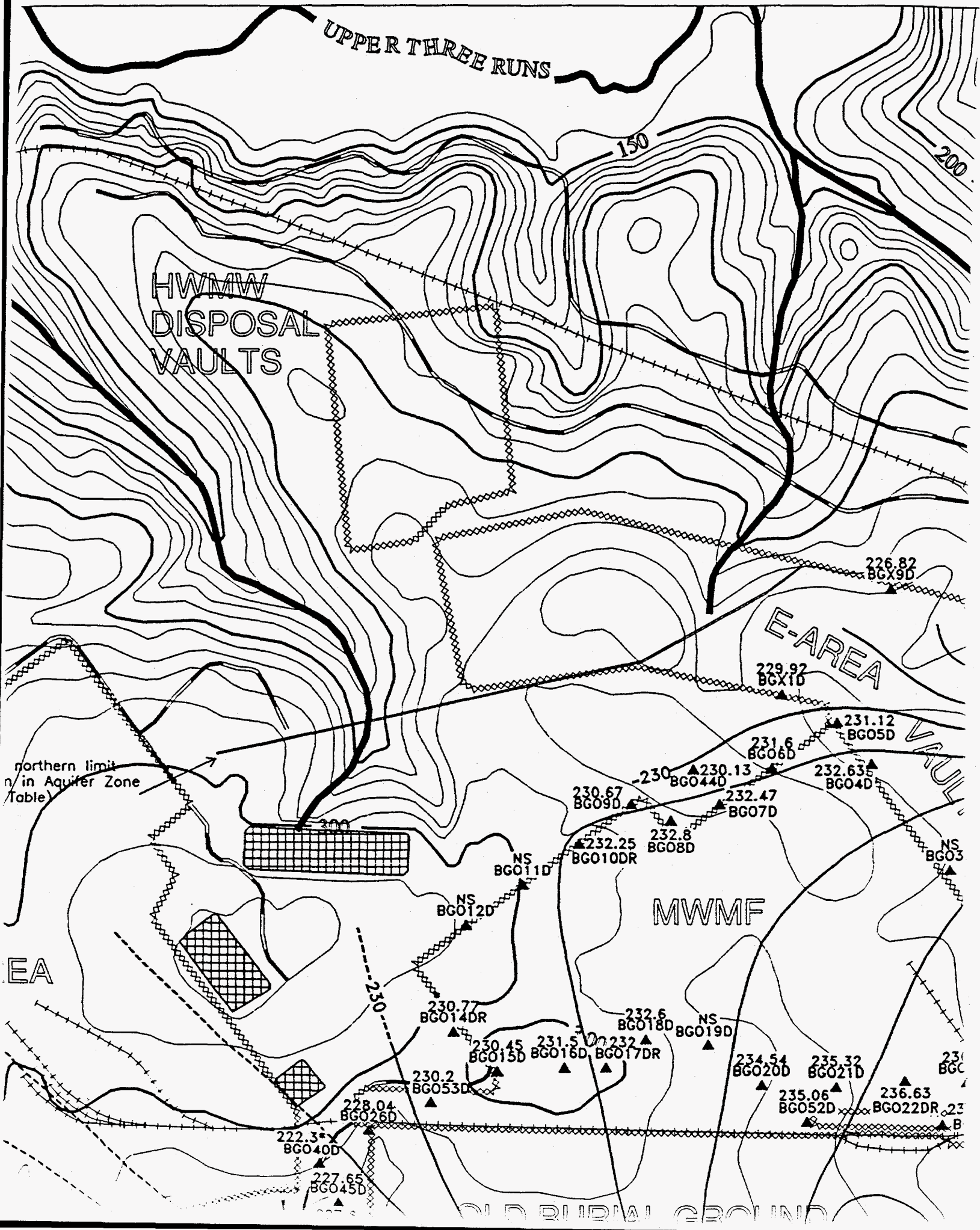
POTENTIOMETRIC SURFACE

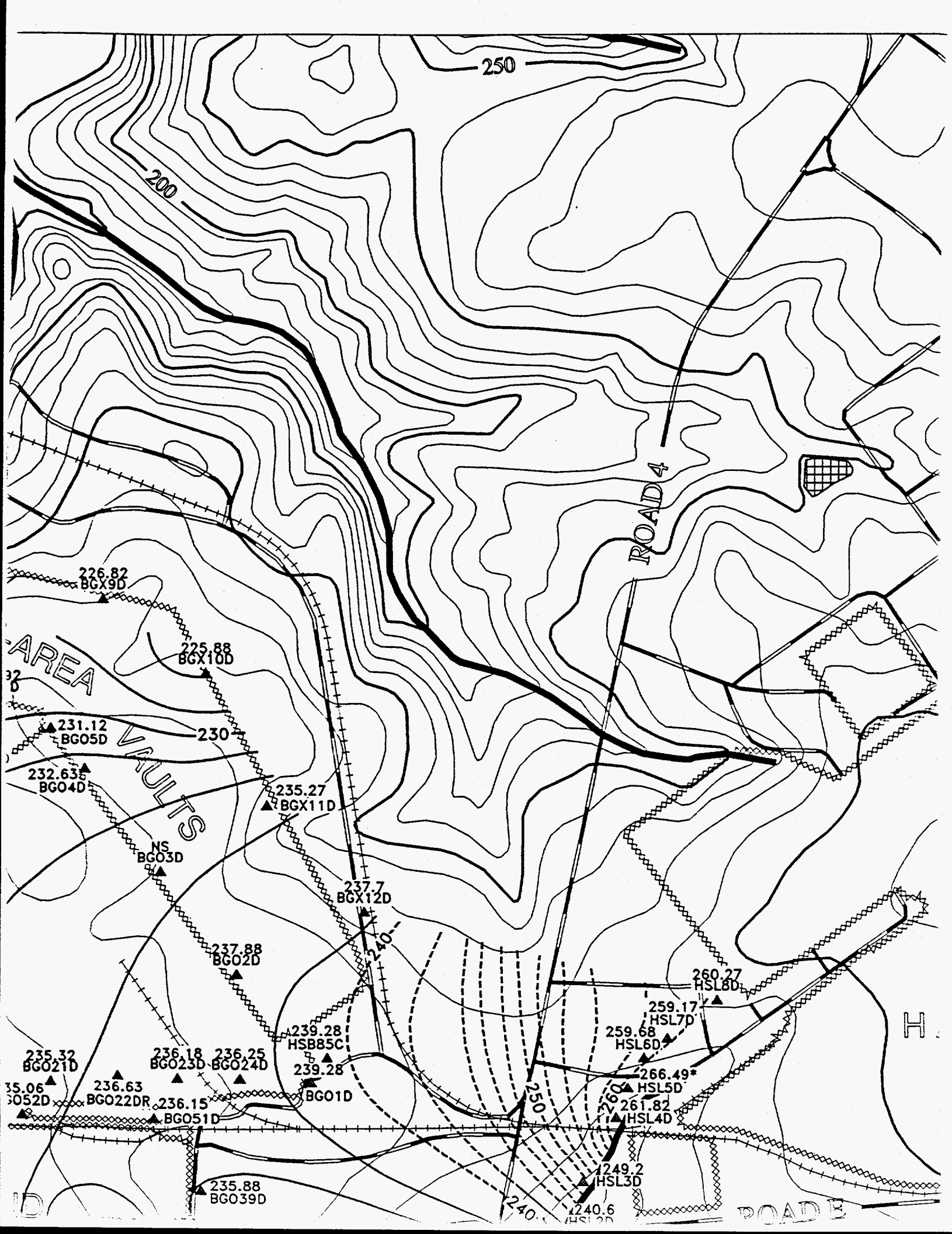
"NS" = Not Sampled

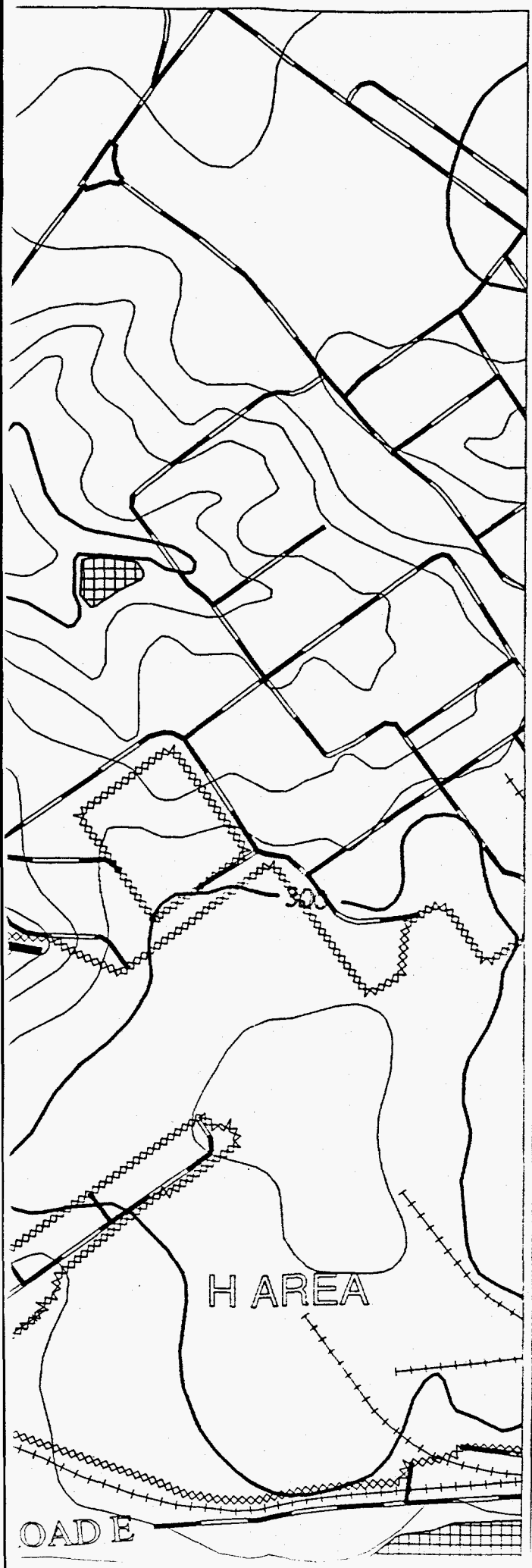
"*" = Wells Not Used to Contour

Contour Interval: 2 FT


250
300
250
Approximate northern limit of saturation in Aquifer Zone IIB2 (Water Table)
224.18
FSL1D
225.19
FSL2D
222.55
FSL3D
F-AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
226.82
BGX9D
E-AREA
229.92
BGX1D
231.12
BGO5D
231.6
BGO6D
230
230.13
BGO44D
232.63
BGO4D
230.67
BGO9D
232.47
BGO7D
232.8
BGO8D
232.25
BGO10DR
NS
BGO11D
NS
BGO12D
NS
BGO3
MWMF
northern limit
in Aquifer Zone
Table)
EA
230
230.77
BGO14DR
232.6
BGO18D
NS
BGO19D
230.45
BGO15D
231.5
BGO16D
232
BGO17DR
234.54
BGO20D
235.32
BGO21D
230.2
BGO53D
235.06
BGO52D
236.63
BGO22DR
228.04
BGO26D
222.3
BGO40D
227.65
BGO45D


250
200
ROAD 4
226.82
BGX9D
225.88
BGX10D
AREA
VAULTS
231.12
BGO5D
230
232.63
BGO4D
235.27
BGX11D
NS
BGO3D
237.7
BGX12D
240
237.88
BGO2D
260.27
HSL8D
259.17
HSL7D
239.28
HSB85C
259.68
HSL6D
235.32
BGO21D
236.18
BGO23D
236.25
BGO24D
239.28
BGO1D
266.49*
HSL5D
236.63
BGO22DR
236.15
BGO51D
250
260
261.82
HSL4D
1249.2
HSL3D
235.88
BGO39D
240.6
ROAD E

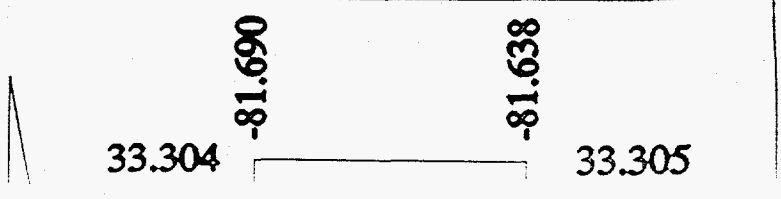


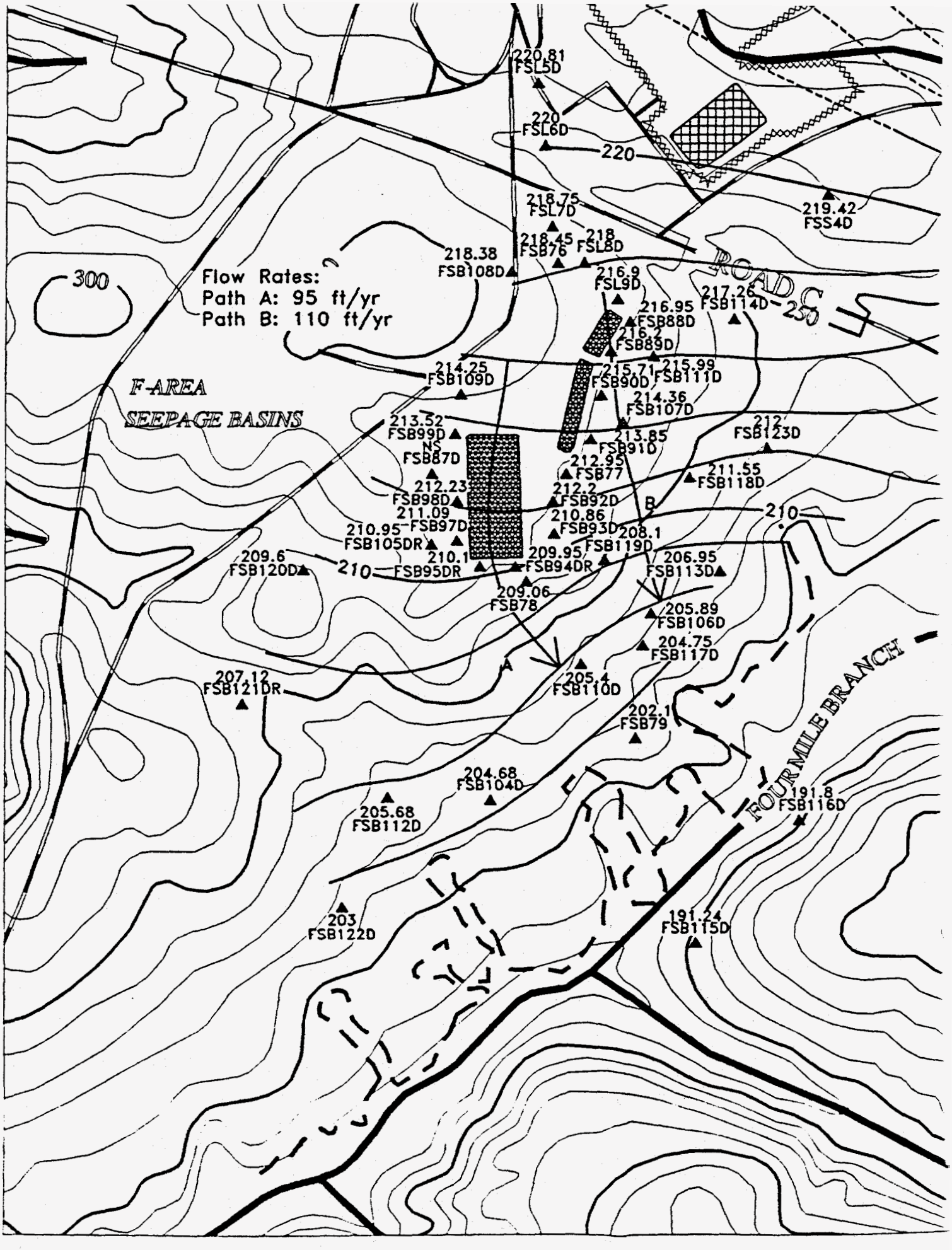
REFERENCE DOCUMENT

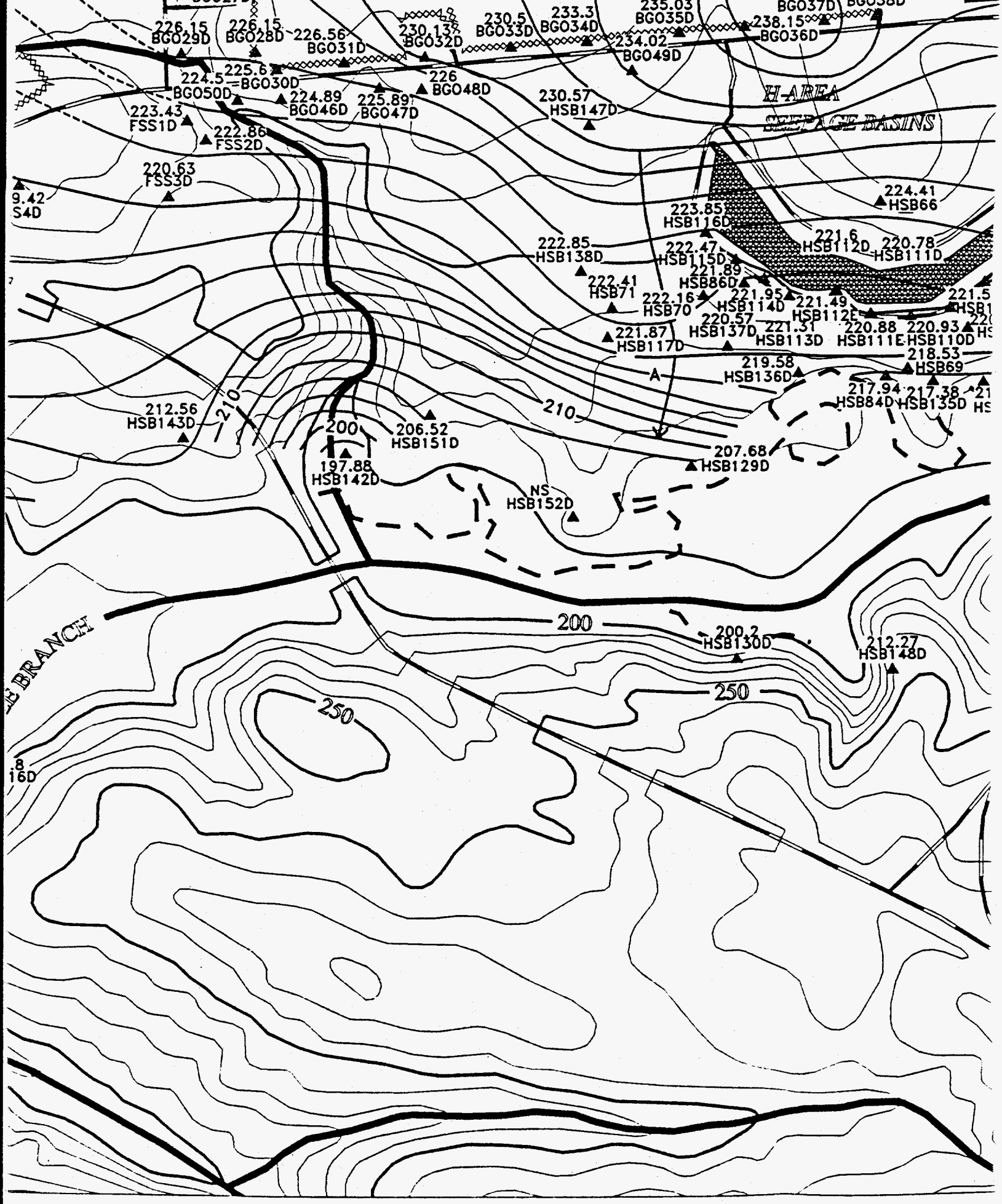
WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

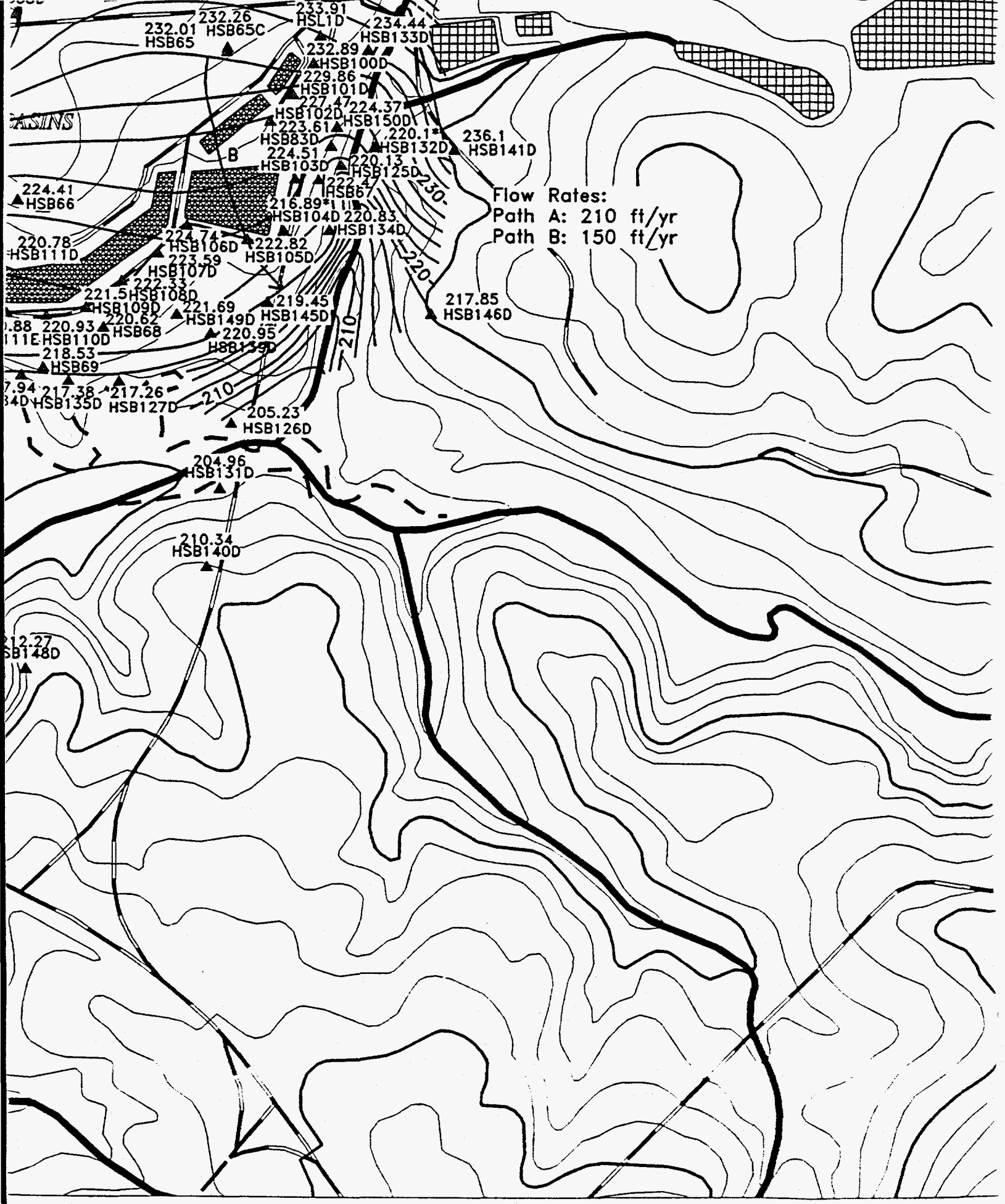
LEGEND

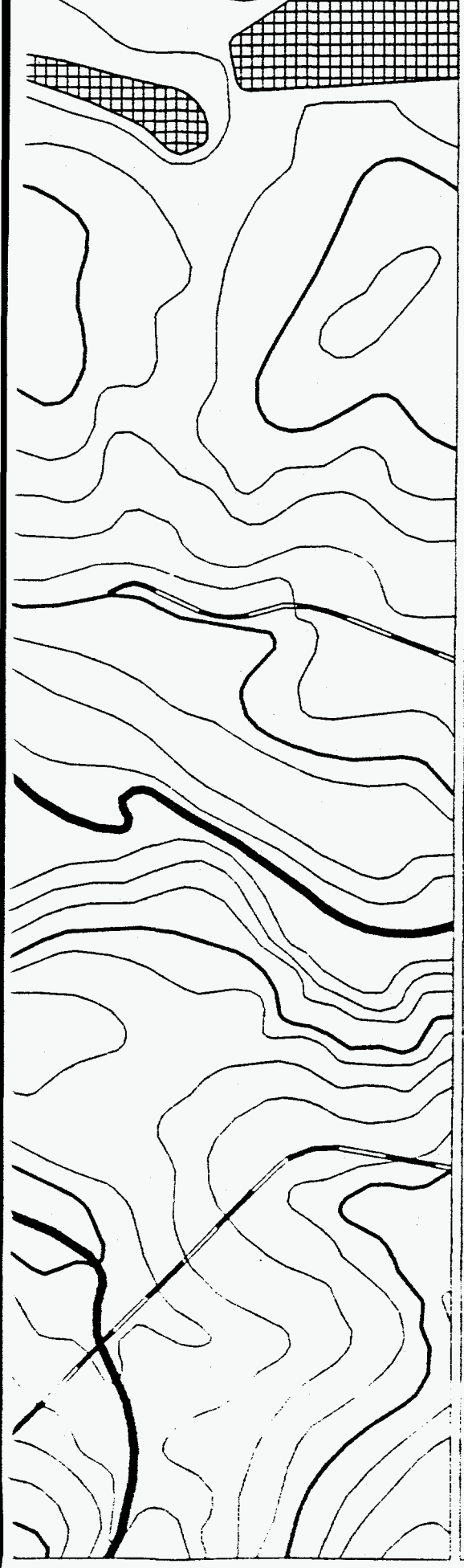
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED POTENTIOMETRIC CONTOUR
- POTENTIOMETRIC CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL




Flow Rates:
Path A: 95 ft/yr
Path B: 110 ft/yr
F-AREA
SEEPAGE BASINS
ROAD C
FOUR MILE BRANCH
A
B
300
220
210
220.81
FSL5D
220
FSL6D
218.75
FSL7D
218.45
FSB76
218
FSL8D
219.42
FSS4D
218.38
FSB108D
216.9
FSL9D
217.26
FSB114D
216.95
FSB88D
216.2
FSB89D
214.25
FSB109D
215.71
FSB90D
215.99
FSB111D
214.36
FSB107D
213.52
FSB99D
NS
FSB87D
213.85
FSB91D
212
FSB123D
212.95
FSB77
211.55
FSB118D
212.23
FSB98D
212.2
FSB92D
211.09
FSB97D
210.86
FSB93D
210.95
FSB105DR
208.1
FSB119D
209.6
FSB120D
210.1
FSB95DR
209.95
FSB94DR
206.95
FSB113D
209.06
FSB78
205.89
FSB106D
204.75
FSB117D
207.12
FSB121DR
205.4
FSB110D
202.1
FSB79
204.68
FSB104D
205.68
FSB112D
191.8
FSB116D
203
FSB122D
191.24
FSB115D


H-AREA
SEEPAGE BASINS
226.15
BGO29D
226.15
BGO28D
226.56
BGO31D
230.13
BGO32D
230.5
BGO33D
233.3
BGO34D
235.03
BGO35D
238.15
BGO36D
BGO37D
234.02
BGO49D
225.6
BGO30D
224.5
BGO50D
224.89
BGO46D
225.89
BGO47D
226
BGO48D
230.57
HSB147D
223.43
FSS1D
222.86
FSS2D
220.63
FSS3D
9.42
S4D
224.41
HSB66
223.85
HSB116D
222.85
HSB138D
222.47
HSB115D
221.6
HSB112D
220.78
HSB111D
221.89
HSB86D
222.41
HSB71
222.16
HSB70
221.95
HSB114D
221.49
HSB112E
221.87
HSB117D
220.57
HSB137D
221.31
HSB113D
220.88
HSB111E
220.93
HSB110D
219.58
HSB136D
218.53
HSB69
217.94
HSB84D
217.38
HSB135D
212.56
HSB143D
206.52
HSB151D
197.88
HSB142D
207.68
HSB129D
NS
HSB152D
200.2
HSB130D
212.27
HSB148D
210
200
250
A
E BRANCH


232.26
232.01 HSB65C
HSB65
233.91
HSL1D
234.44
HSB133D
232.89
HSB100D
229.86
HSB101D
227.47
224.37
HSB102D
HSB150D
223.61
220.1*
HSB83D
HSB132D
236.1
HSB141D
224.51
HSB103D
220.13
HSB125D
222.47
HSB67
224.41
HSB66
216.89*
HSB104D
220.83
HSB134D
224.74
220.78
HSB106D
222.82
HSB111D
223.59
HSB105D
HSB107D
222.33
221.5
HSB108D
HSB109D
221.69
219.45
220.62
HSB149D
HSB145D
220.93
HSB68
220.95
HSB110D
218.53
HSB69
217.38
217.26
HSB135D
HSB127D
205.23
HSB126D
204.96
HSB131D
210.34
HSB140D
212.27
HSB148D
217.85
HSB146D
Flow Rates:
Path A: 210 ft/yr
Path B: 150 ft/yr
230
220
210
210
B



LATITUDE-
LONGITUDE

33.261 33.261

-81.690 -81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 4th QUARTER '95

AQUIFER:

WATER TABLE

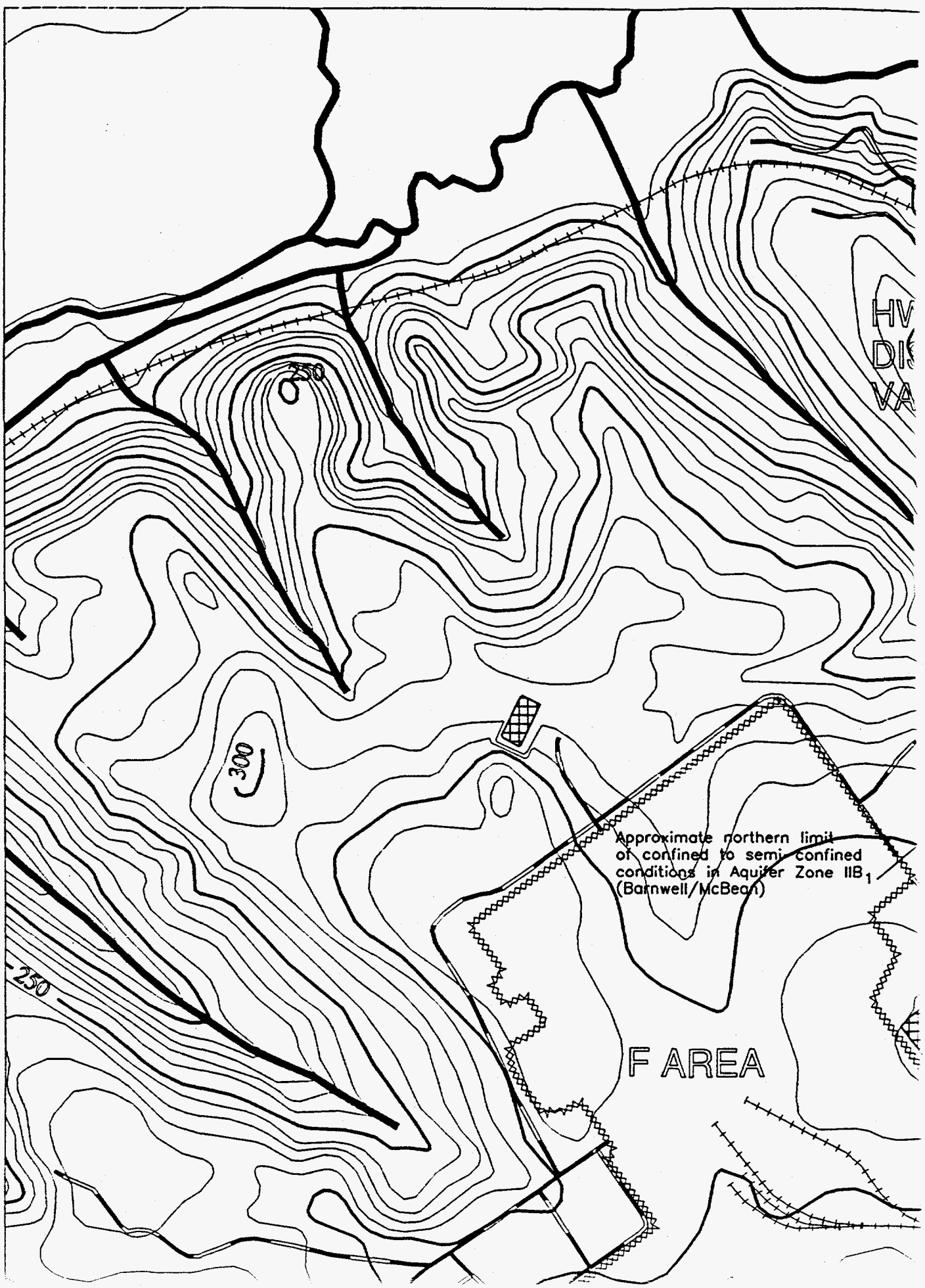
NOTES:

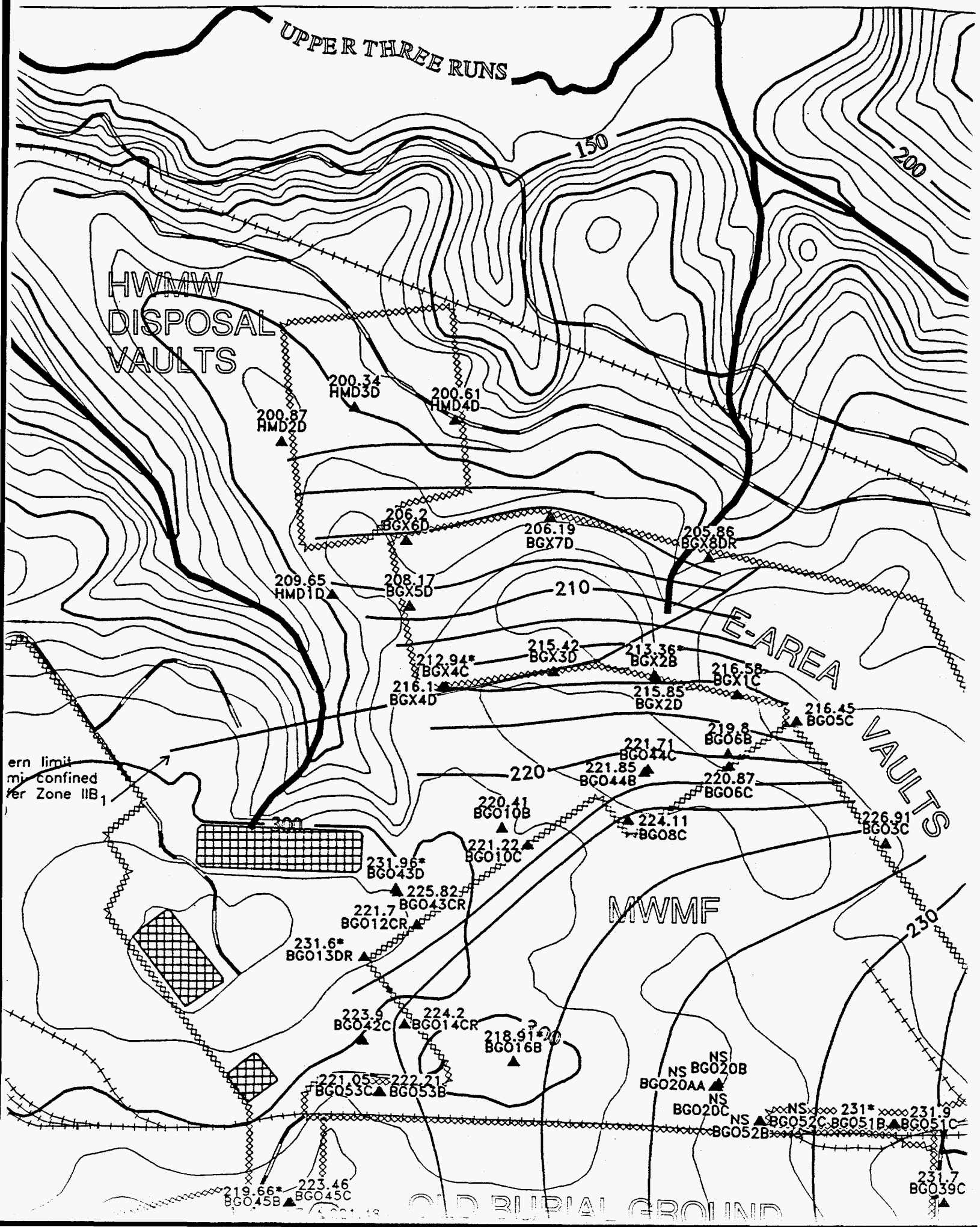
POTENTIOMETRIC SURFACE

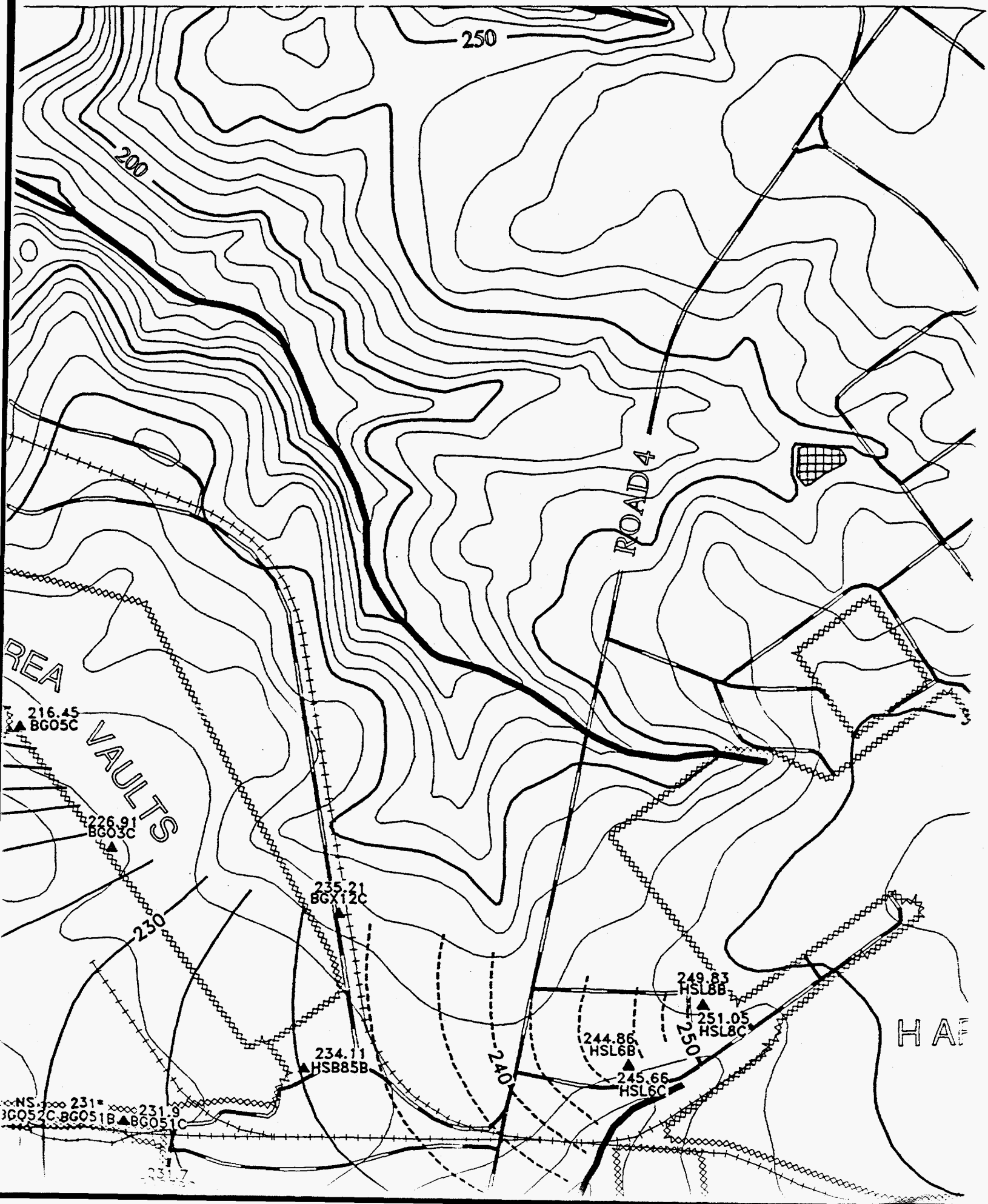
"NS" = Not Sampled

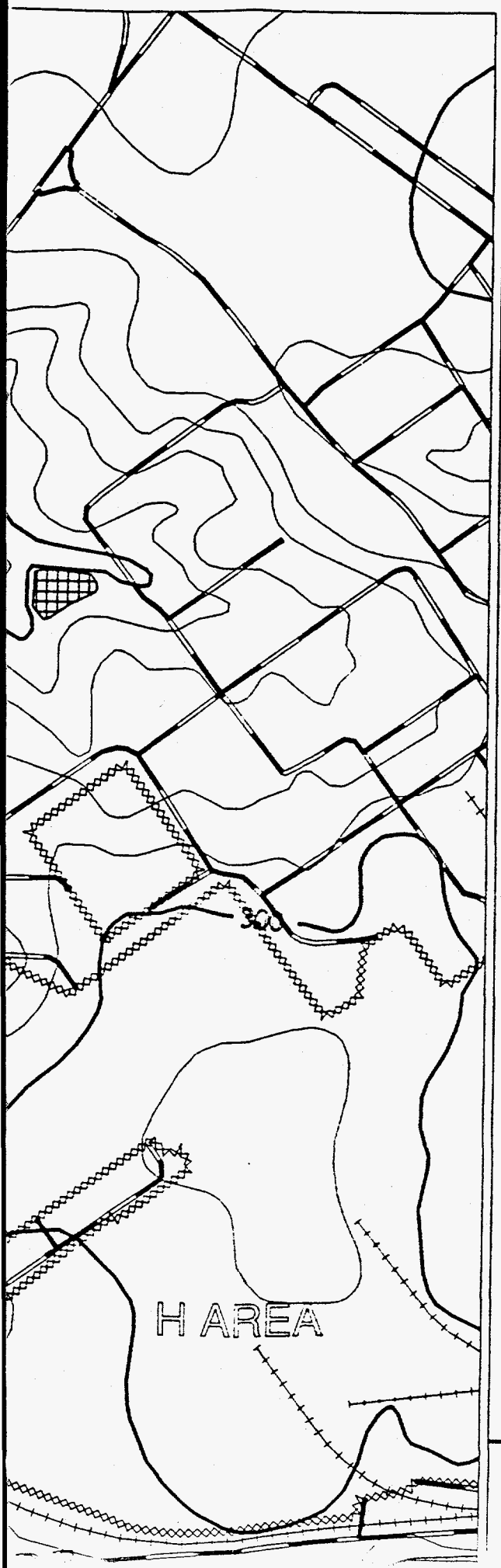
"*" = Wells Not Used to Contour

Contour Interval: 2 FT


300
250
Approximate northern limit of confined to semi-confined conditions in Aquifer Zone IIB1 (Barnwell/McBean)
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
200.34
HMD3D
200.61
HMD4D
200.87
HMD2D
206.2
BGX6D
206.19
BGX7D
205.86
BGX8DR
209.65
HMD1D
208.17
BGX5D
210
E-AREA
VAULTS
215.42
BGX3D
213.36*
BGX2B
212.94*
BGX4C
216.58
BGX1C
216.1
BGX4D
215.85
BGX2D
216.45
BGO5C
219.8
BGO6B
221.71
BGO44C
221.85
BGO44B
220
220.87
BGO6C
ern limit
mi confined
er Zone IIB1
220.41
BGO10B
224.11
BGO8C
226.91
BGO3C
221.22
BGO10C
231.96*
BGO43D
225.82
BGO43CR
MWMF
221.7
BGO12CR
230
231.6*
BGO13DR
223.9
BGO42C
224.2
BGO14CR
218.91*
BGO16B
NS
BGO20B
NS
BGO20AA
NS
BGO20C
221.05
BGO53C
222.21
BGO53B
NS
BGO52B
NS
BGO52C
231*
BGO51B
231.9
BGO51C
231.7
BGO39C
219.66*
BGO45B
223.46
BGO45C
OLD BURIAL GROUND


250
200
ROAD 4
REA
VAULTS
216.45
BGO5C
226.91
BGO3C
235.21
BGX12C
230
249.83
HSL8B
251.05
HSL8C
250
244.86
HSL6B
245.66
HSL6C
240
234.11
HSB85B
NS.
231
231.9
BGO52C
BGO51B
BGO51C
231.7
H A



REFERENCE DOCUMENT

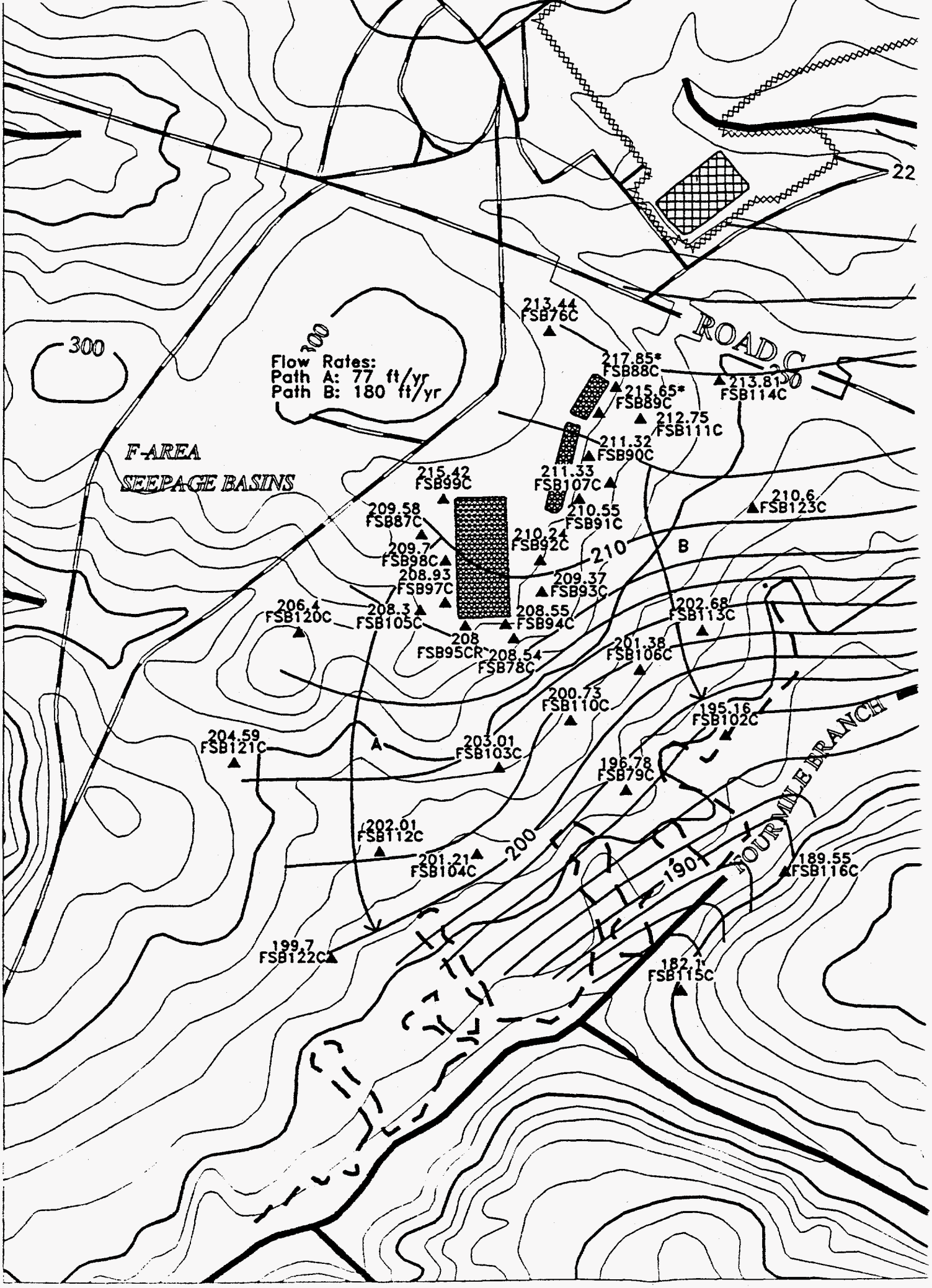
WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

LEGEND

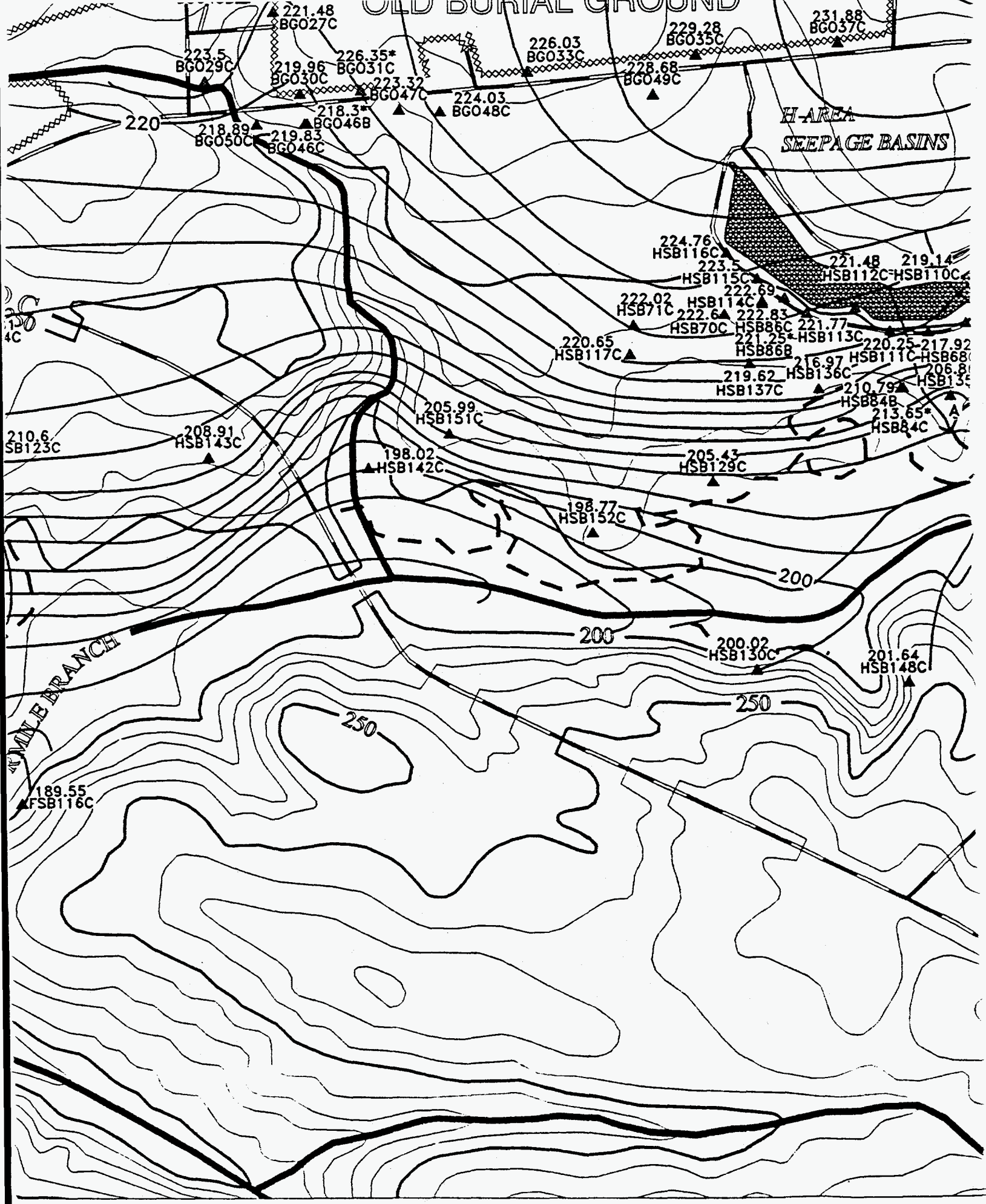
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED POTENTIOMETRIC CONTOUR
- POTENTIOMETRIC CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

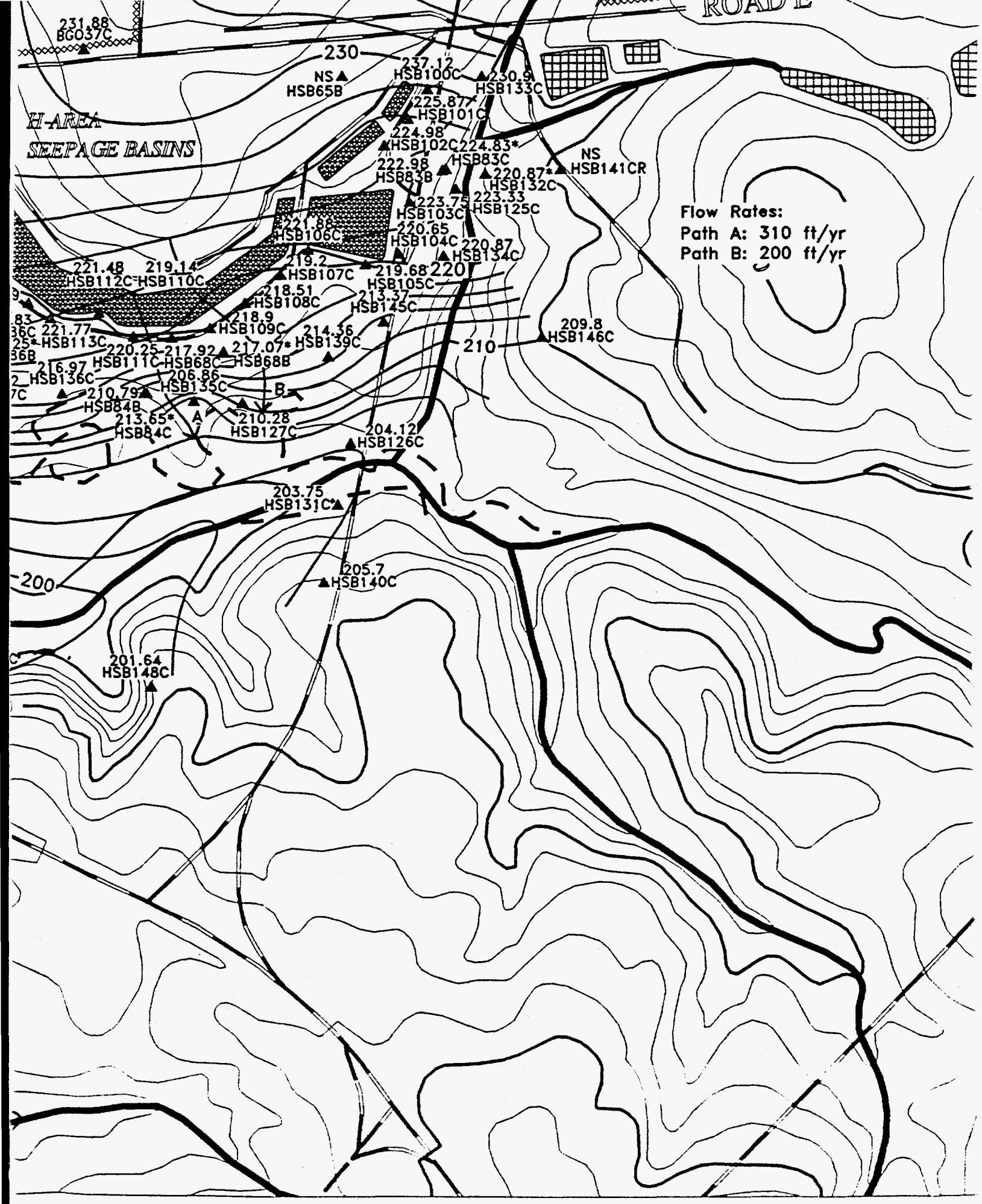
-81.690

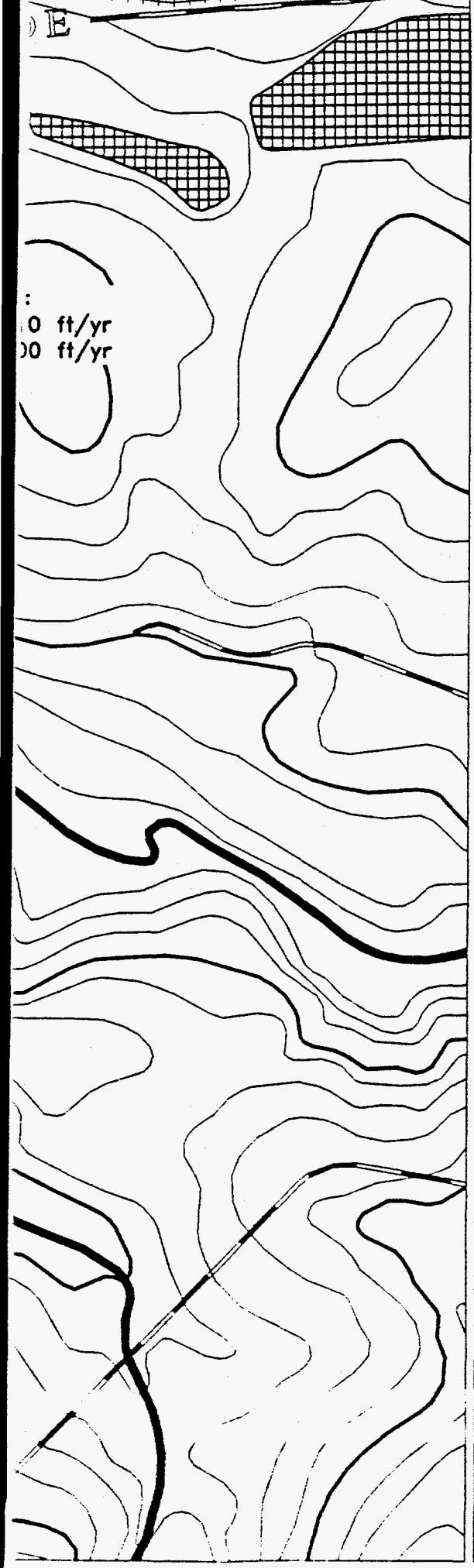
-81.638



22
ROAD C
300
300
Flow Rates:
Path A: 77 ft/yr
Path B: 180 ft/yr
F-AREA
SEEPAGE BASINS
213.44
FSB76C
217.85*
FSB88C
215.65*
FSB89C
213.81
FSB114C
212.75
FSB111C
211.32
FSB90C
211.33
FSB107C
215.42
FSB99C
210.55
FSB91C
210.6
FSB123C
209.58
FSB87C
210.24
FSB92C
210
B
209.7
FSB98C
208.93
FSB97C
209.37
FSB93C
206.4
FSB120C
208.3
FSB105C
208.55
FSB94C
202.68
FSB113C
208
FSB95CR
208.54
FSB78C
201.38
FSB106C
200.73
FSB110C
195.16
FSB102C
204.59
FSB121C
A
203.01
FSB103C
196.78
FSB79C
FOUR MILE BRANCH
202.01
FSB112C
200
201.21
FSB104C
190
189.55
FSB116C
199.7
FSB122C
182.1
FSB115C


OLD BURIAL GROUND
H-AREA
SEEPAGE BASINS
4 MILE BRANCH
221.48
BG027C
223.5
BG029C
219.96
BG030C
226.35*
BG031C
223.32
BG047C
224.03
BG048C
218.3*
BG046B
218.89
BG050C
219.83
BG046C
226.03
BG033C
229.28
BG035C
228.68
BG049C
231.88
BG037C
220
224.76
HSB116C
223.5
HSB115C
222.69
222.02
HSB71C
HSB114C
222.6
222.83
HSB70C
HSB86C
221.77
HSB113C
221.25*
HSB86B
221.4B
HSB112C
219.14
HSB110C
220.65
HSB117C
216.97
HSB111C
220.25
219.62
HSB137C
HSB136C
210.79
HSB84B
213.65*
HSB84C
205.99
HSB151C
210.6
SB123C
208.91
HSB143C
198.02
HSB142C
205.43
HSB129C
198.77
HSB152C
200
200
200.02
HSB130C
201.64
HSB148C
250
250
189.55
FSB116C


H-AREA
SEEPAGE BASINS
ROAD E
Flow Rates:
Path A: 310 ft/yr
Path B: 200 ft/yr
231.88
BG037C
230
237.12
HSB100C
NS
HSB65B
230.9
HSB133C
225.87
HSB101C
224.98
HSB102C
224.83*
HSB83C
222.98
HSB83B
NS
HSB141CR
220.87*
HSB132C
223.73
HSB103C
223.33
HSB125C
221.88
HSB106C
220.65
HSB104C
220.87
HSB134C
219.2
HSB107C
219.68
220
HSB105C
221.48
HSB112C
219.14
HSB110C
218.51
HSB108C
213.37
HSB145C
218.9
HSB109C
214.36
221.77
HSB113C
220.25
217.92
217.07*
HSB139C
209.8
HSB146C
210
216.97
HSB111C
HSB68C
HSB68B
206.86
HSB136C
HSB135C
B
210.79
HSB84B
213.65*
A
210.28
HSB127C
204.12
HSB126C
203.75
HSB131C
205.7
HSB140C
200
201.64
HSB148C



33.304 33.305

LATITUDE-
LONGITUDE

33.261 33.261

-81.690 -81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

BARNWELL/McBEAN

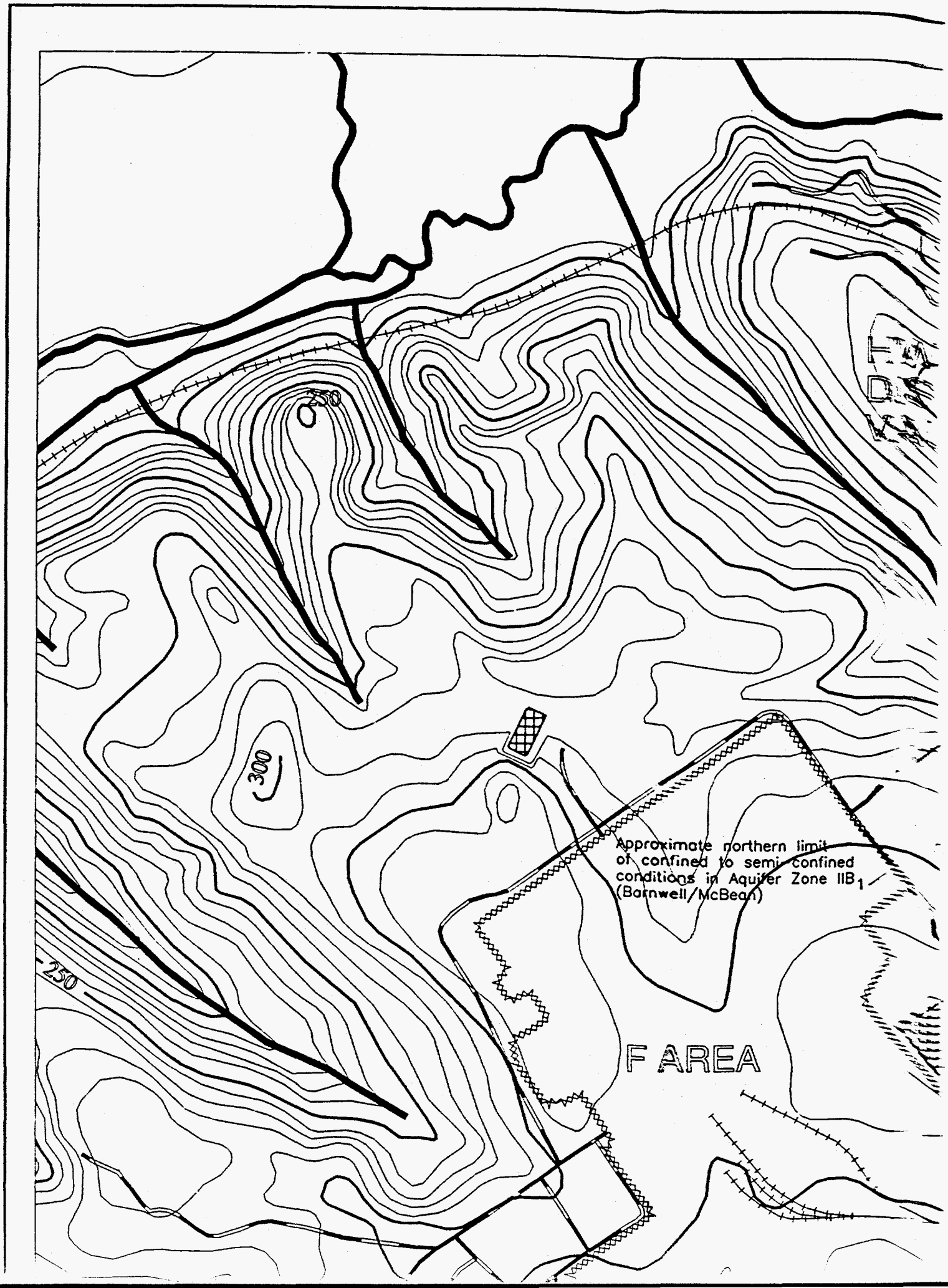
NOTES:

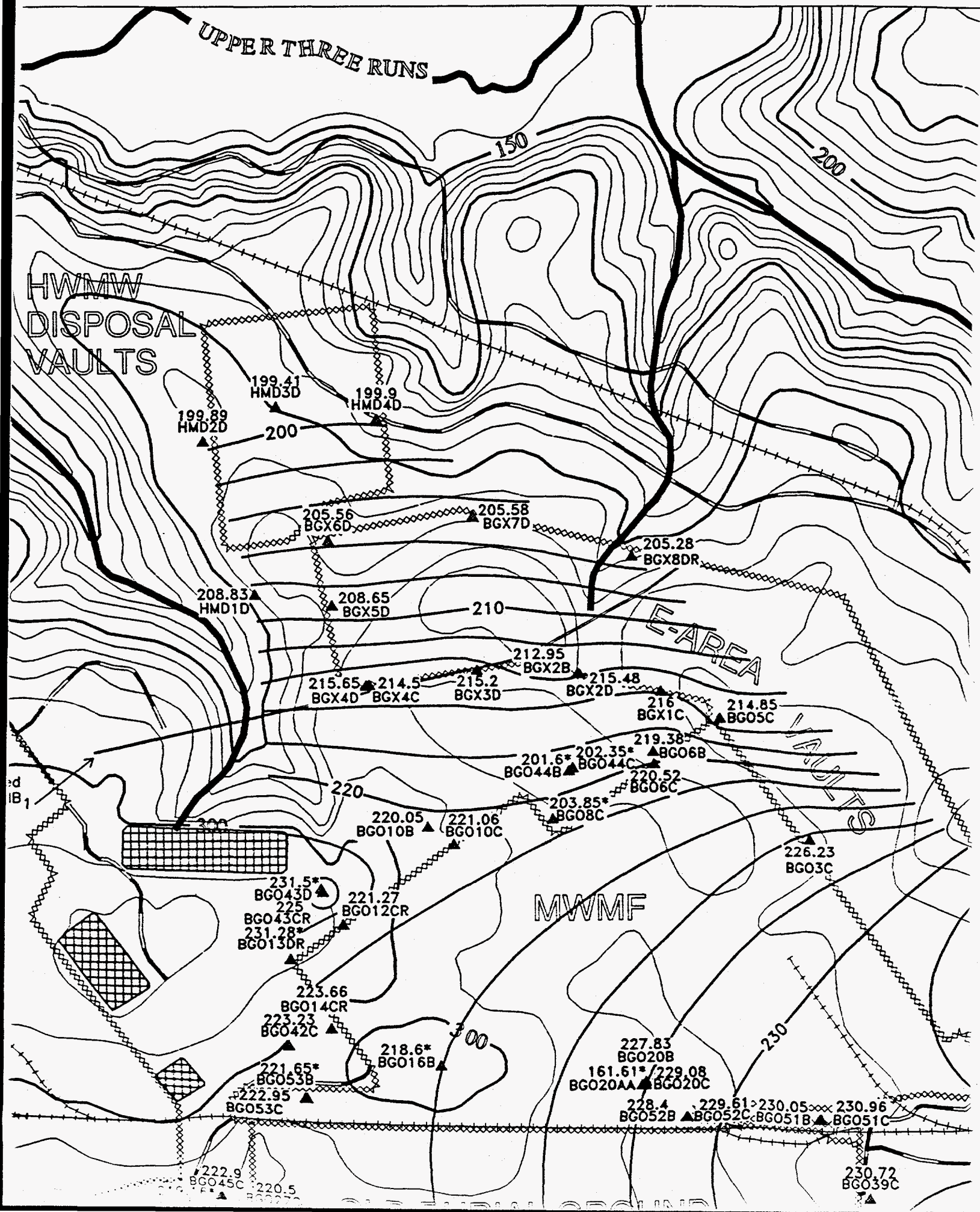
POTENTIOMETRIC SURFACE

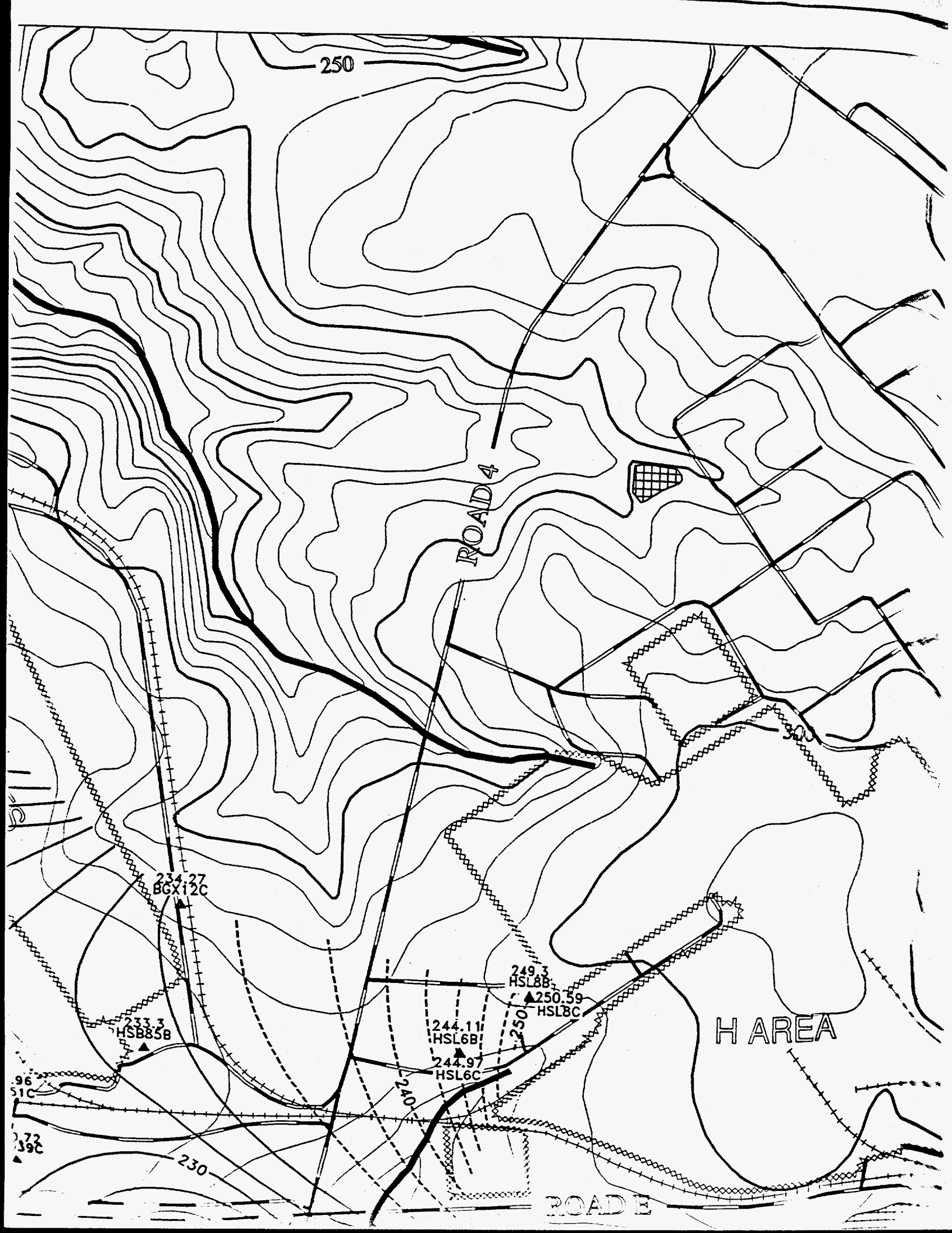
"NS" = Not Sampled

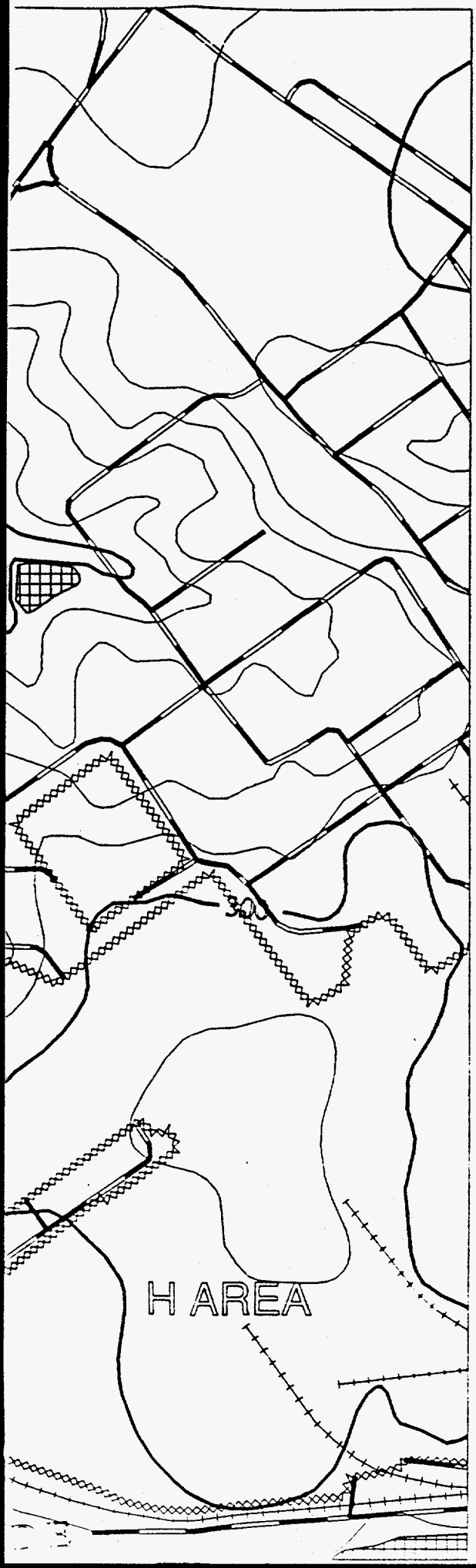
"*" = Wells Not Used to Contour

Contour Interval: 2 FT


350
300
250
Approximate northern limit of confined to semi confined conditions in Aquifer Zone IIB1 (Barnwell/McBean)
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
199.41
HMD3D
199.9
HMD4D
199.89
HMD2D
200
205.56
BGX6D
205.58
BGX7D
205.28
BGX8DR
208.83
HMD1D
208.65
BGX5D
210
E-AREA
VAULTS
212.95
BGX2B
215.65
BGX4D
214.5
BGX4C
215.2
BGX3D
215.48
BGX2D
216
BGX1C
214.85
BGO5C
219.38
BGO6B
201.6*
BGO44B
202.35*
BGO44C
220.52
BGO6C
220
203.85*
BGO8C
220.05
BGO10B
221.06
BGO10C
226.23
BGO3C
231.5*
BGO43D
225
BGO43CR
221.27
BGO12CR
231.28*
BGO13DR
MWMF
223.66
BGO14CR
223.23
BGO42C
300
218.6*
BGO16B
221.65*
BGO53B
222.95
BGO53C
227.83
BGO20B
161.61*/229.08
BGO20AA
BGO20C
230
228.4
BGO52B
229.61
BGO52C
230.05
BGO51B
230.96
BGO51C
222.9
BGO45C
220.5
230.72
BGO39C


250
ROAD 4
300
234.27
BGXi2C
249.3
HSL8B
250.59
HSL8C
233.3
HSB85B
244.11
HSL6B
244.97
HSL6C
250
240
230
H AREA
ROAD E



REFERENCE DOCUMENT

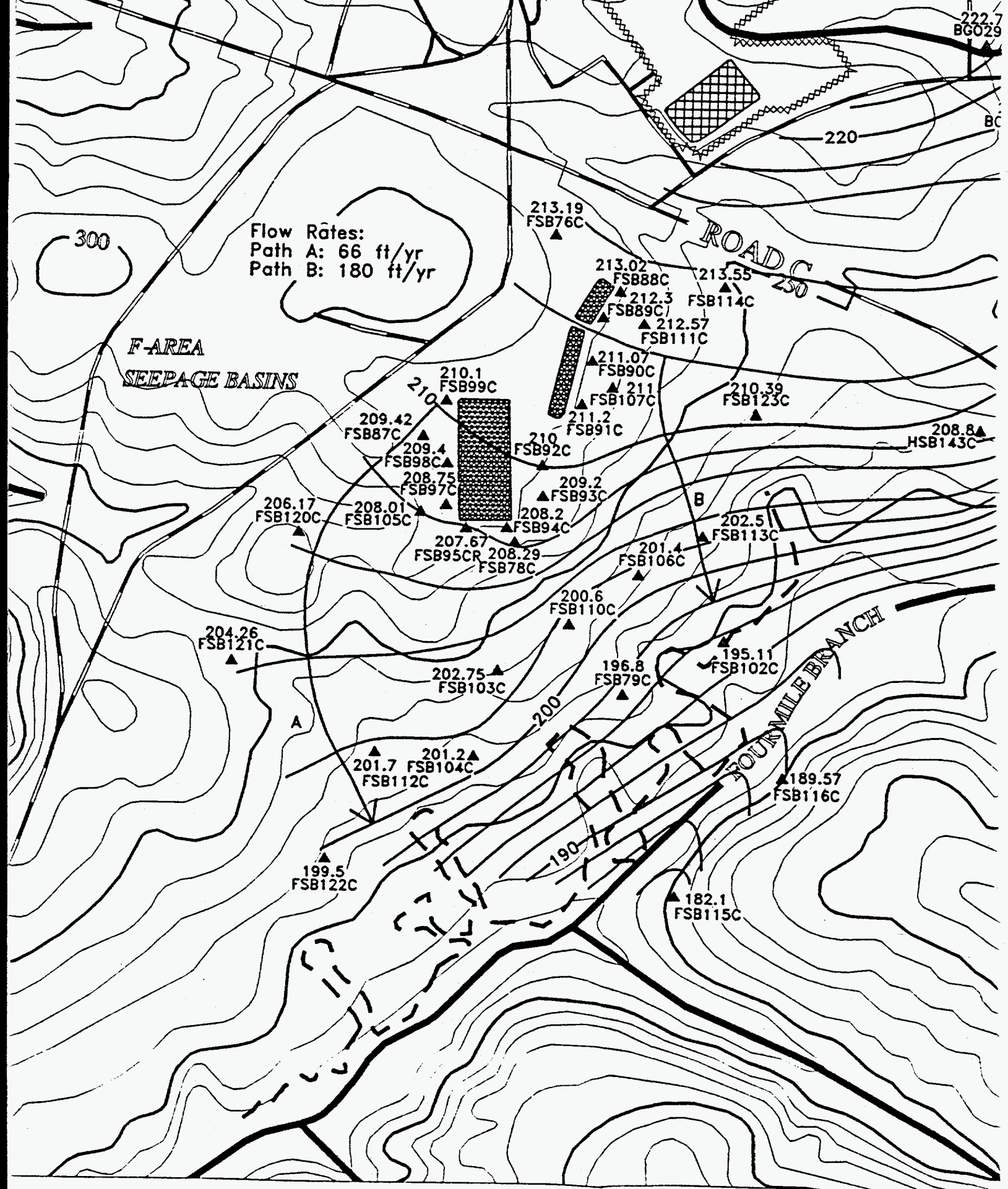
WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

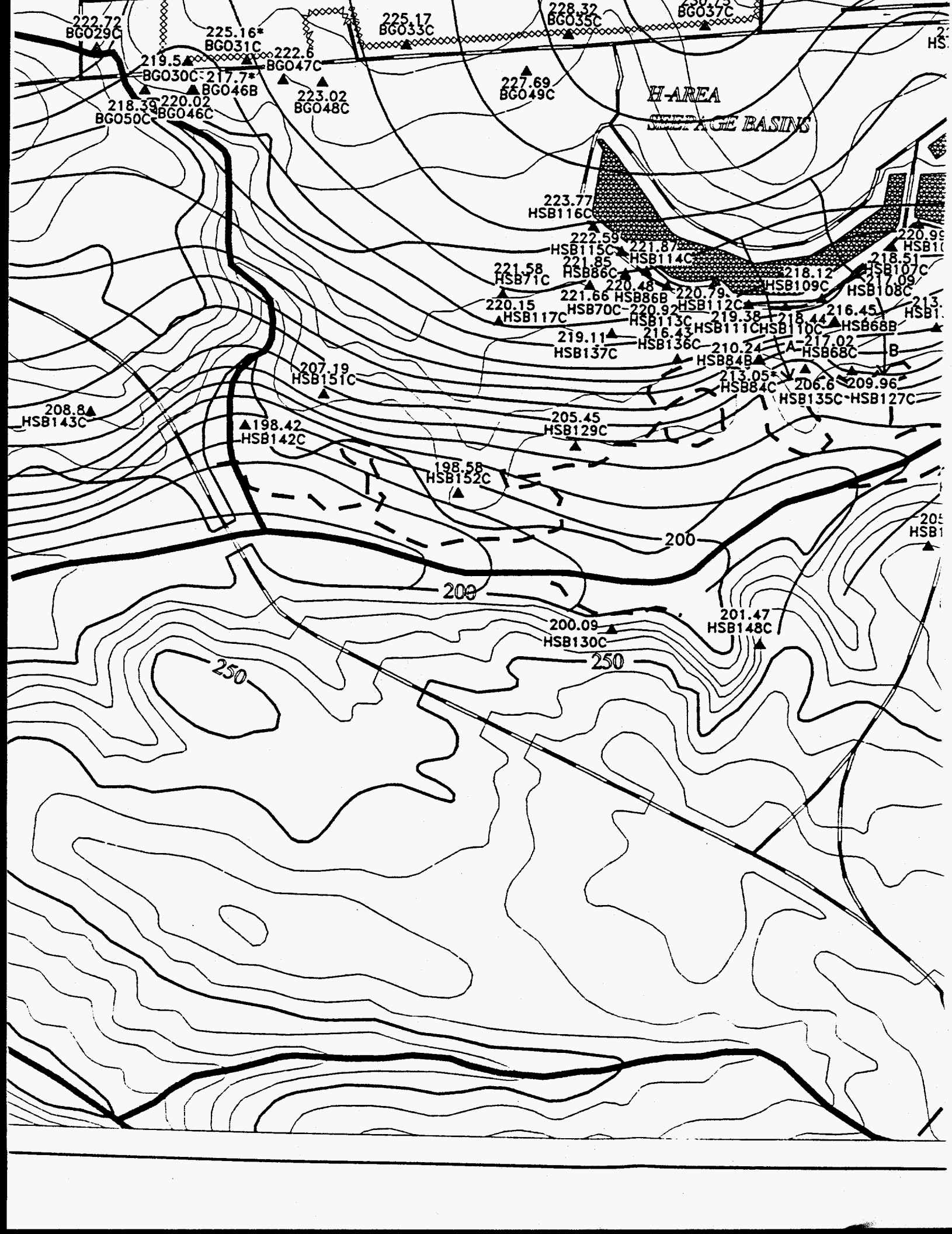
LEGEND

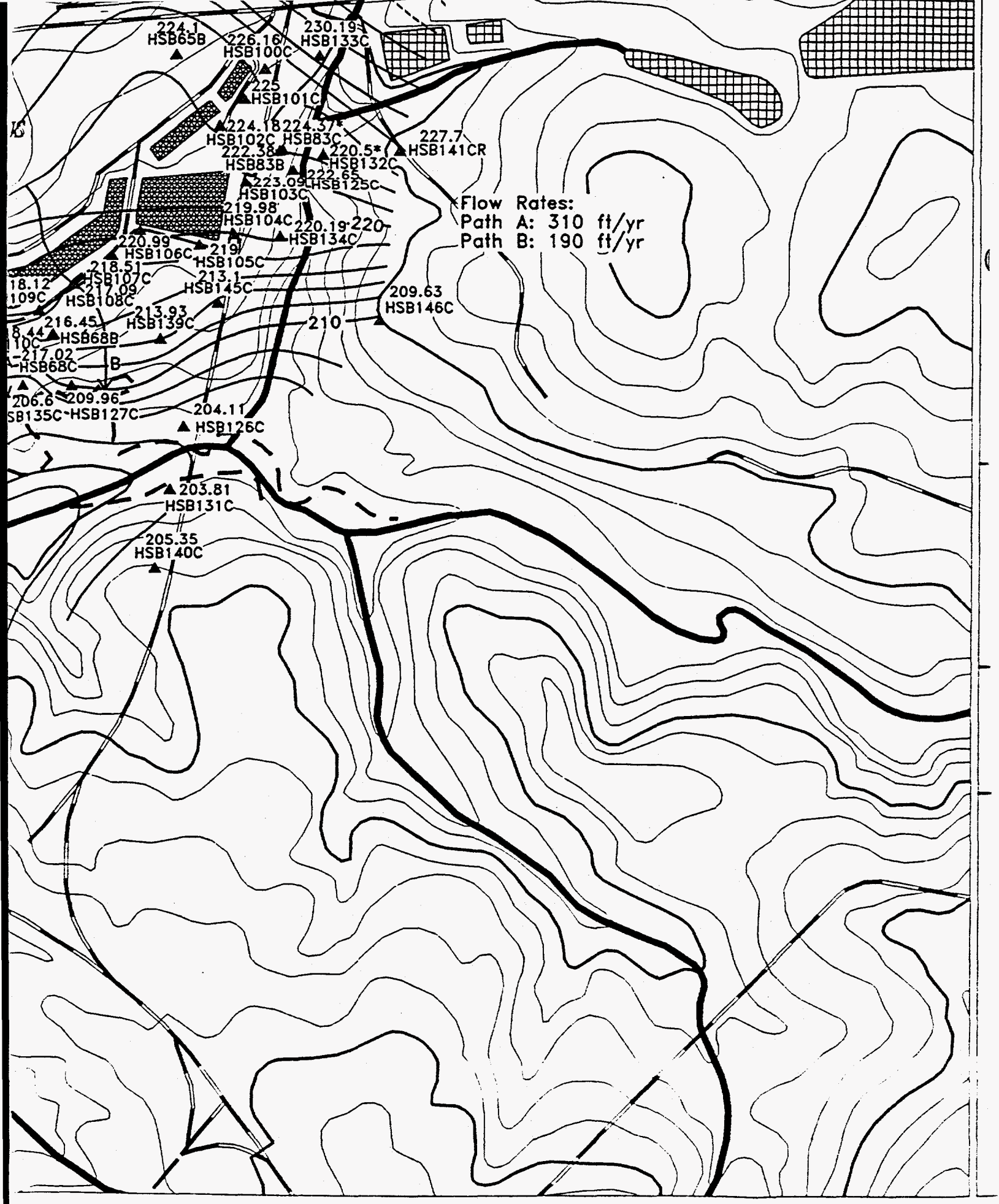
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED POTENTIOMETRIC CONTOUR
- POTENTIOMETRIC CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

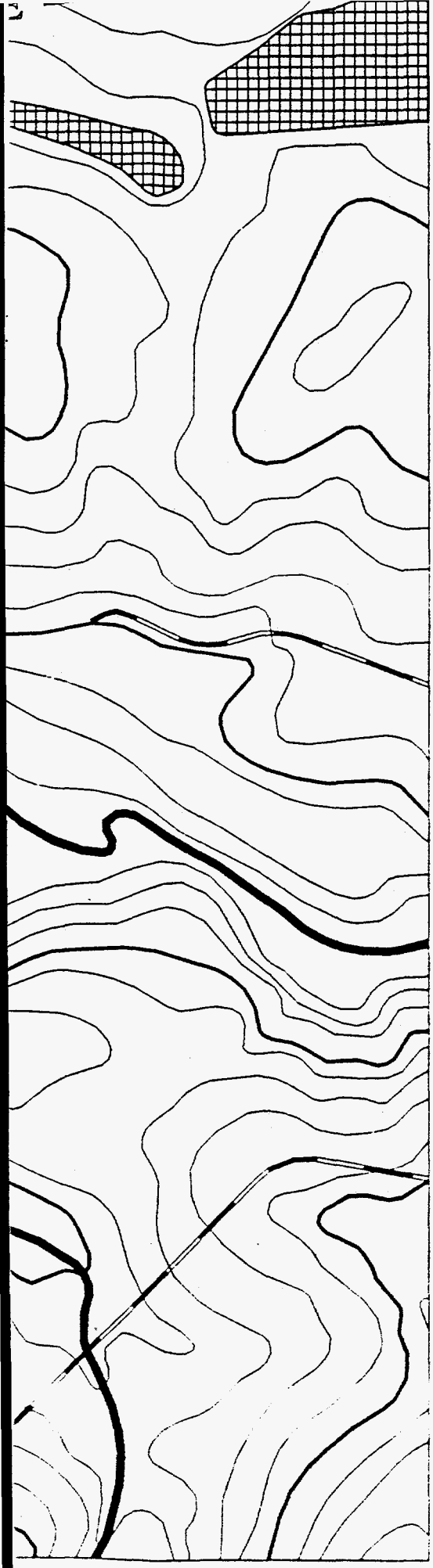
-81.690 -81.638

33.304 33.305


Flow Rates:
Path A: 66 ft/yr
Path B: 180 ft/yr
F-AREA
SEEPAGE BASINS
ROAD C
FOURMILE BRANCH
300
220
210
200
190
A
B
222.7
BG029
213.19
FSB76C
213.02
FSB88C
213.55
FSB114C
212.3
FSB89C
212.57
FSB111C
211.07
FSB90C
211
FSB107C
210.39
FSB123C
211.2
FSB91C
208.8
HSB143C
210.1
FSB99C
209.42
FSB87C
210
FSB92C
209.4
FSB98C
208.75
FSB97C
209.2
FSB93C
206.17
FSB120C
208.01
FSB105C
208.2
FSB94C
202.5
FSB113C
207.67
FSB95CR
208.29
FSB78C
201.4
FSB106C
200.6
FSB110C
204.26
FSB121C
195.11
FSB102C
202.75
FSB103C
196.8
FSB79C
201.2
201.7
FSB104C
FSB112C
189.57
FSB116C
199.5
FSB122C
182.1
FSB115C


222.72
BGO29C
225.16*
BGO31C
219.5
BGO30C
217.7*
BGO46B
222.6
BGO47C
223.02
BGO48C
218.39
BGO50C
220.02
BGO46C
225.17
BGO33C
228.32
BGO35C
BGO37C
227.69
BGO49C
H-AREA
SEEPAGE BASINS
223.77
HSB116C
222.59
HSB115C
221.87
HSB114C
221.85
HSB86C
221.58
HSB71C
220.48
221.66 HSB86B
220.79
HSB112C
220.15
HSB117C
HSB70C
220.92
HSB113C
219.38
218.44
216.45
HSB68B
219.11
HSB137C
216.43
HSB136C
HSB111C
HSB110C
210.24
217.02
A
HSB68C
B
HSB84B
213.05*
HSB84C
206.6
209.96
HSB135C
HSB127C
218.12
HSB109C
217.09
HSB108C
218.51
HSB107C
220.9
HSB1
213.
HSB1.
207.19
HSB151C
208.8
HSB143C
198.42
HSB142C
205.45
HSB129C
198.58
HSB152C
200
200
200.09
HSB130C
201.47
HSB148C
250
250


224.1
HSB65B
226.16
HSB100C
230.19
HSB133C
225
HSB101C
224.18
HSB102C
224.37*
HSB83C
227.7
HSB141CR
222.38
HSB83B
220.5*
HSB132C
222.65
223.09
HSB125C
HSB103C
219.98
HSB104C
220.19
220
HSB134C
220.99
HSB106C
219
HSB105C
218.51
HSB107C
213.1
HSB145C
217.09
HSB108C
213.93
216.45
HSB139C
209.63
HSB146C
210
HSB68B
217.02
HSB68C
B
206.6
209.96
HSB135C
HSB127C
204.11
HSB126C
203.81
HSB131C
205.35
HSB140C
Flow Rates:
Path A: 310 ft/yr
Path B: 190 ft/yr



33.304 33.305

LATITUDE-
LONGITUDE

33.261 33.261

-81.690 -81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 4th QUARTER '95

AQUIFER:

BARNWELL/McBEAN

NOTES:

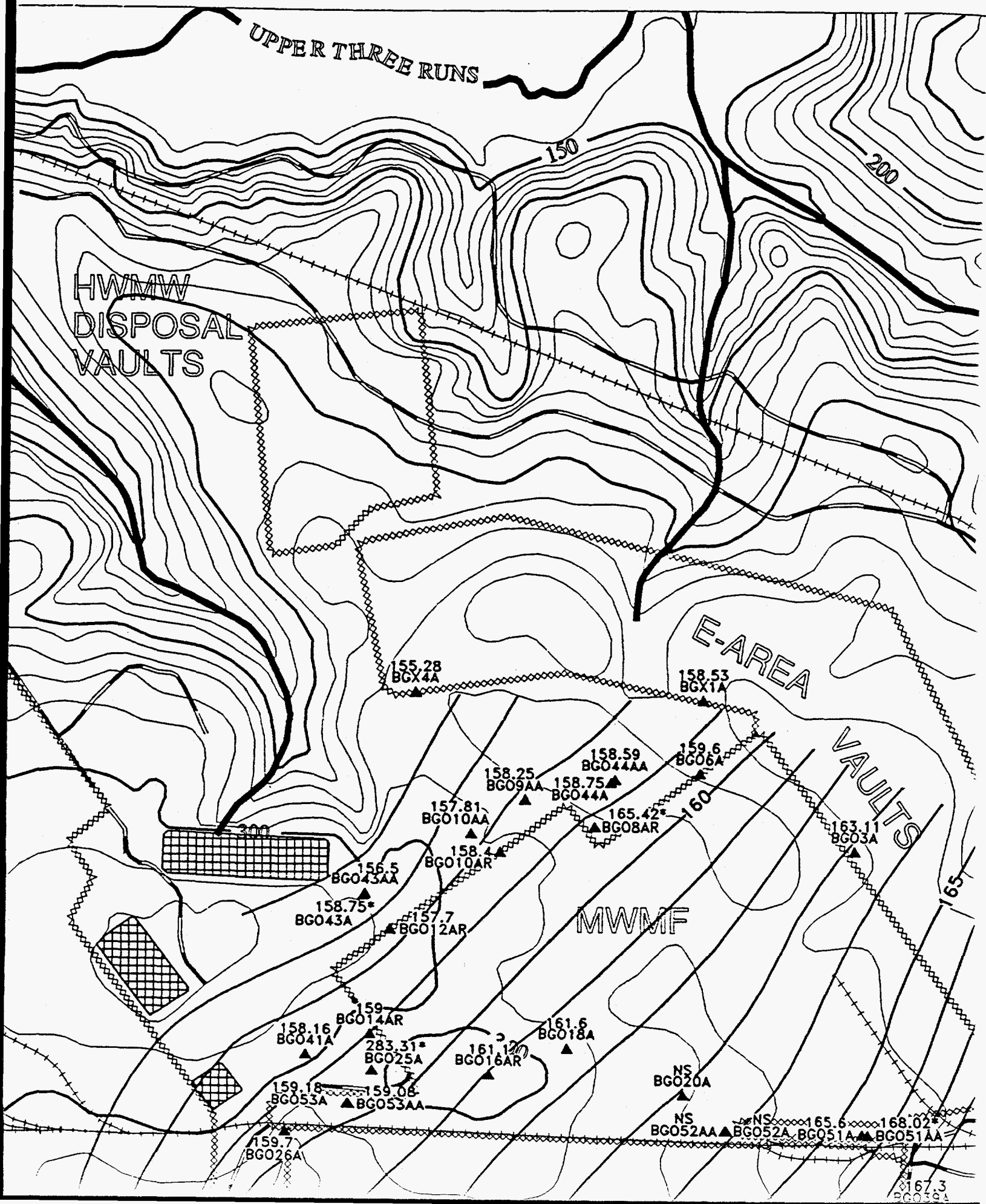
POTENTIOMETRIC SURFACE

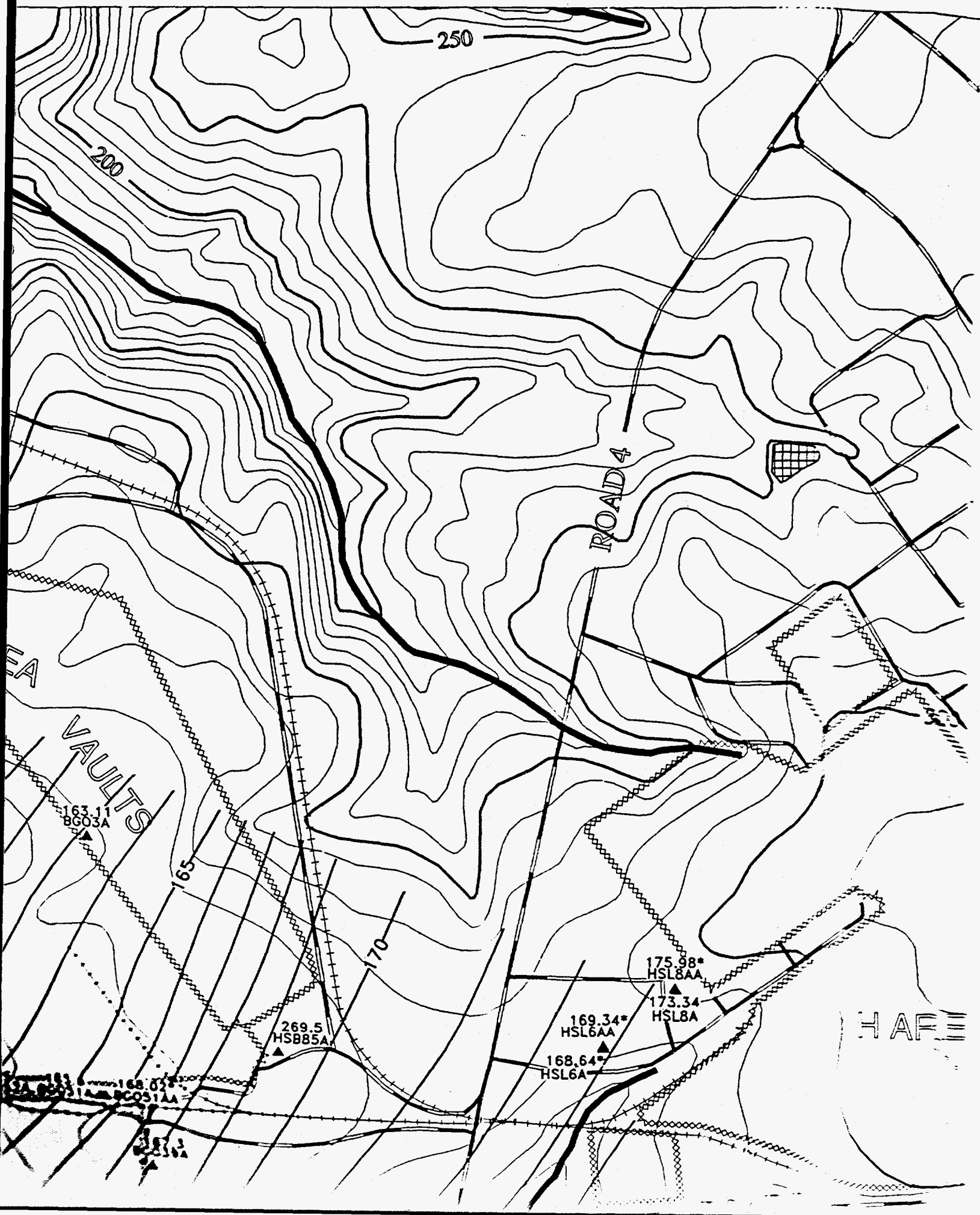
"NS" = Not Sampled

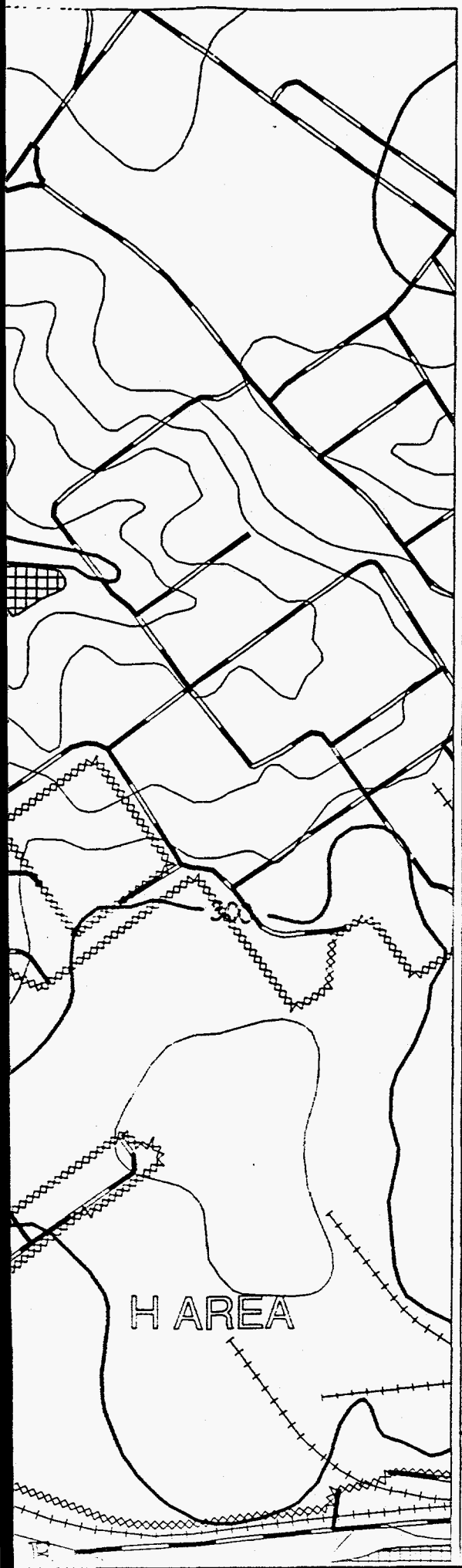
"*" = Wells Not Used to Contour

Contour Interval: 2 FT

250
300
250
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
E-AREA
VAULTS
MWMF
300
160
165
155.28
BGX4A
158.53
BGX1A
158.59
BGO44AA
159.6
BGO6A
158.25
BGO9AA
158.75
BGO44A
157.81
BGO10AA
165.42*
BGO8AR
158.4
BGO10AR
163.11
BGO3A
156.5
BGO43AA
158.75*
BGO43A
157.7
BGO12AR
159
BGO14AR
158.16
BGO41A
283.31*
BGO25A
161.6
BGO18A
161.12
BGO16AR
NS
BGO20A
159.18
BGO53A
159.08
BGO53AA
NS
BGO52AA
NS
BGO52A
165.6
BGO51A
168.02*
BGO51AA
159.7
BGO26A
167.3
BGO39A


250
200
ROAD 4
EA
VAULTS
163.11
BG03A
165
170
269.5
HSB85A
175.98*
HSL8AA
173.34
HSL8A
169.34*
HSL6AA
168.64*
HSL6A
H AR



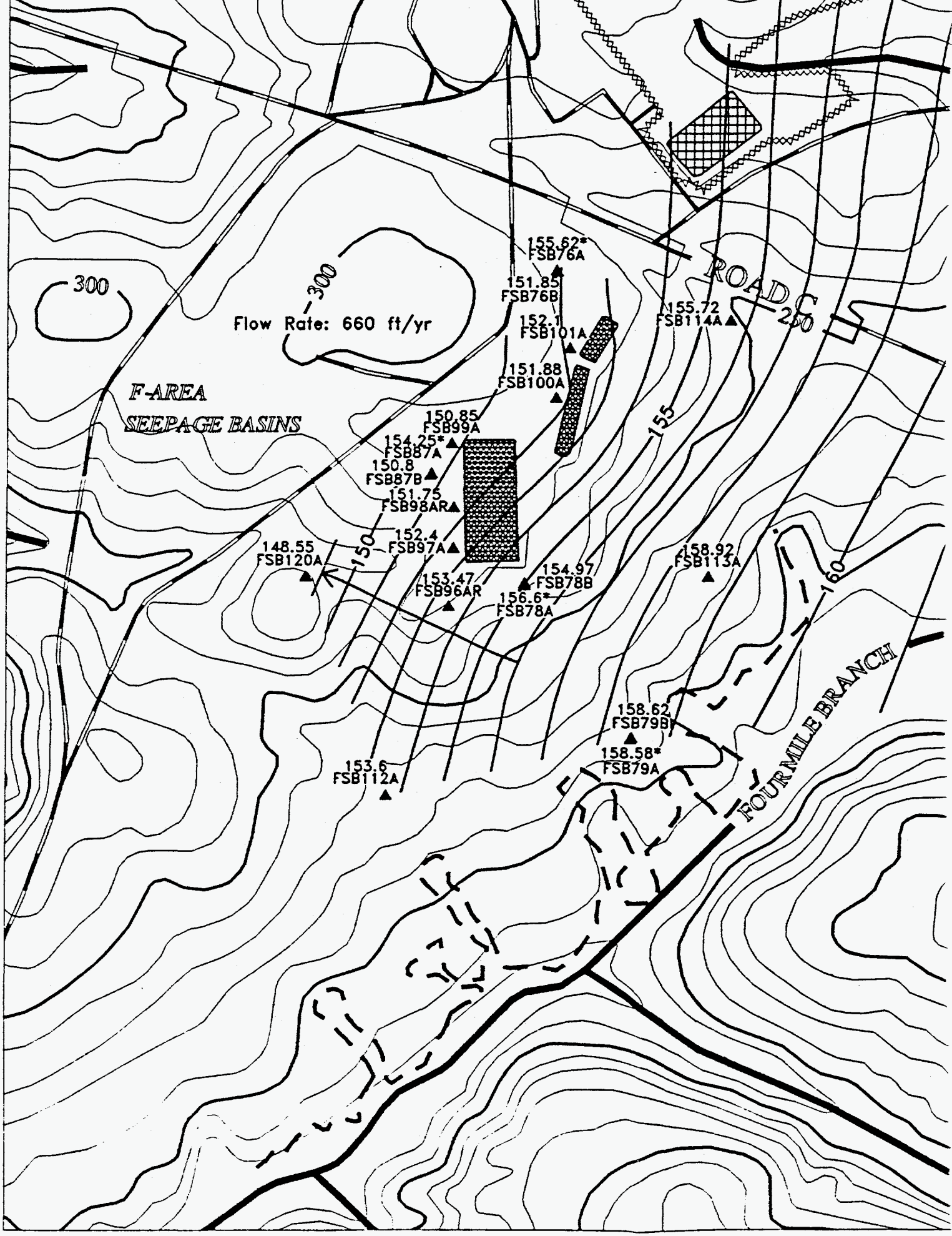
REFERENCE DOCUMENT

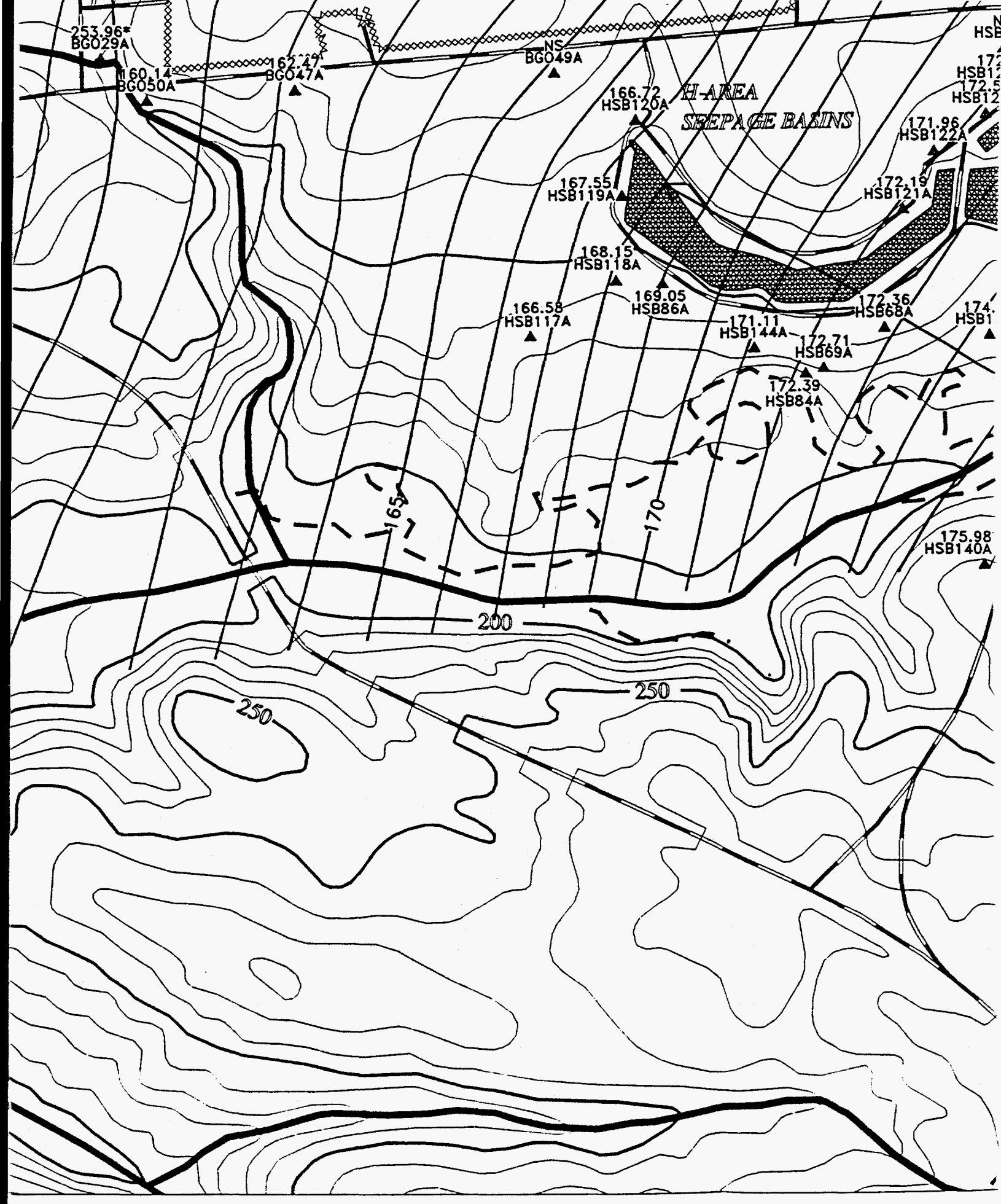
WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

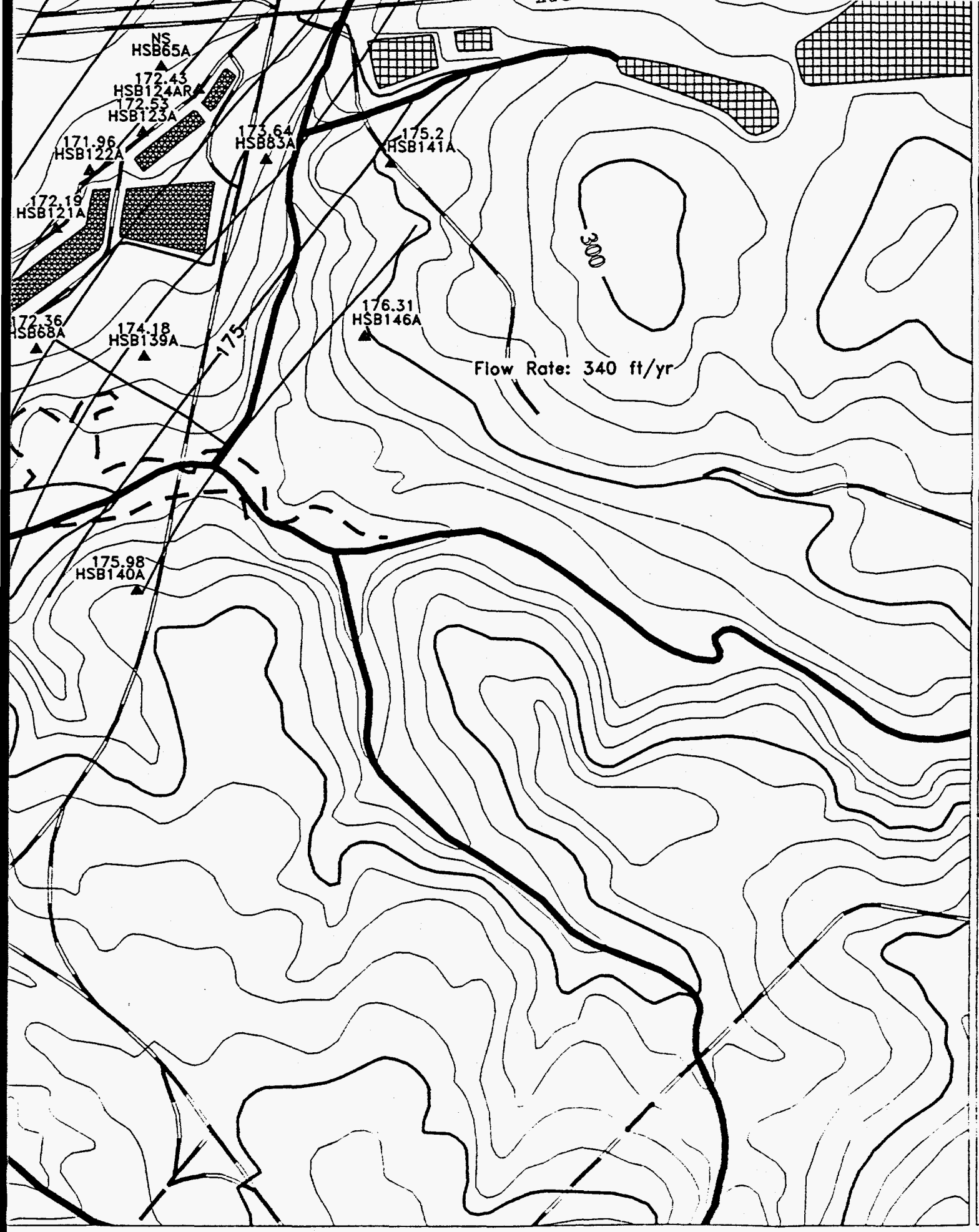
LEGEND

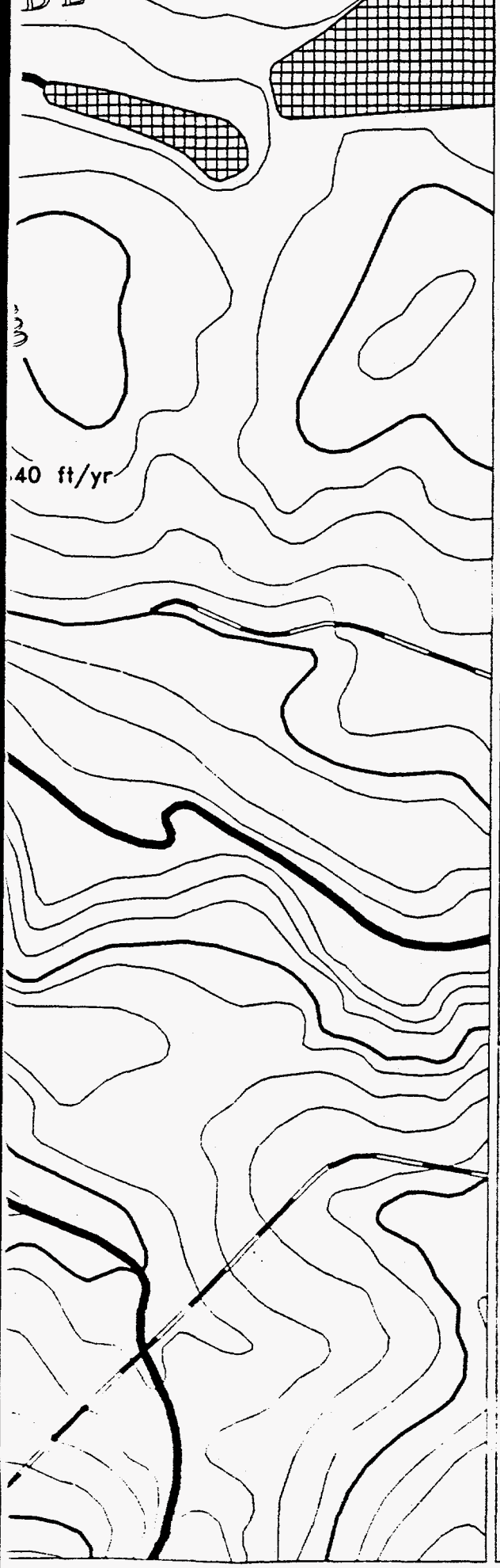
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED POTENTIOMETRIC CONTOUR
- POTENTIOMETRIC CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

-81.690 -81.638


300
300
Flow Rate: 660 ft/yr
F-AREA
SEEPAGE BASINS
155.62*
FSB76A
151.85
FSB76B
152.1
FSB101A
151.88
FSB100A
150.85
FSB99A
154.25*
FSB87A
150.8
FSB87B
151.75
FSB98AR
152.4
FSB97A
148.55
FSB120A
153.47
FSB96AR
156.6*
FSB78A
154.97
FSB78B
155.72
FSB114A
158.92
FSB113A
158.62
FSB79B
158.58*
FSB79A
153.6
FSB112A
ROAD C
150
155
160
FOUR MILE BRANCH


253.96*
BGO29A
160.14
BGO50A
162.47
BGO47A
NS
BGO49A
166.72
HSB120A
H-AREA
SEEPAGE BASINS
171.96
HSB122A
167.55
HSB119A
172.19
HSB121A
168.15
HSB118A
169.05
HSB86A
166.58
HSB117A
172.36
HSB68A
171.11
HSB144A
172.71
HSB69A
172.39
HSB84A
175.98
HSB140A
165
170
200
250
250


NS
HSB65A
172.43
HSB124AR
172.53
HSB123A
171.96
HSB122A
172.19
HSB121A
173.64
HSB83A
175.2
HSB141A
300
176.31
HSB146A
Flow Rate: 340 ft/yr
172.36
HSB68A
174.18
HSB139A
175
175.98
HSB140A
0
T
A
N



LATITUDE-
LONGITUDE

33.261

33.261

-81.690

-81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 3rd QUARTER '95

AQUIFER:

CONGAREE

NOTES:

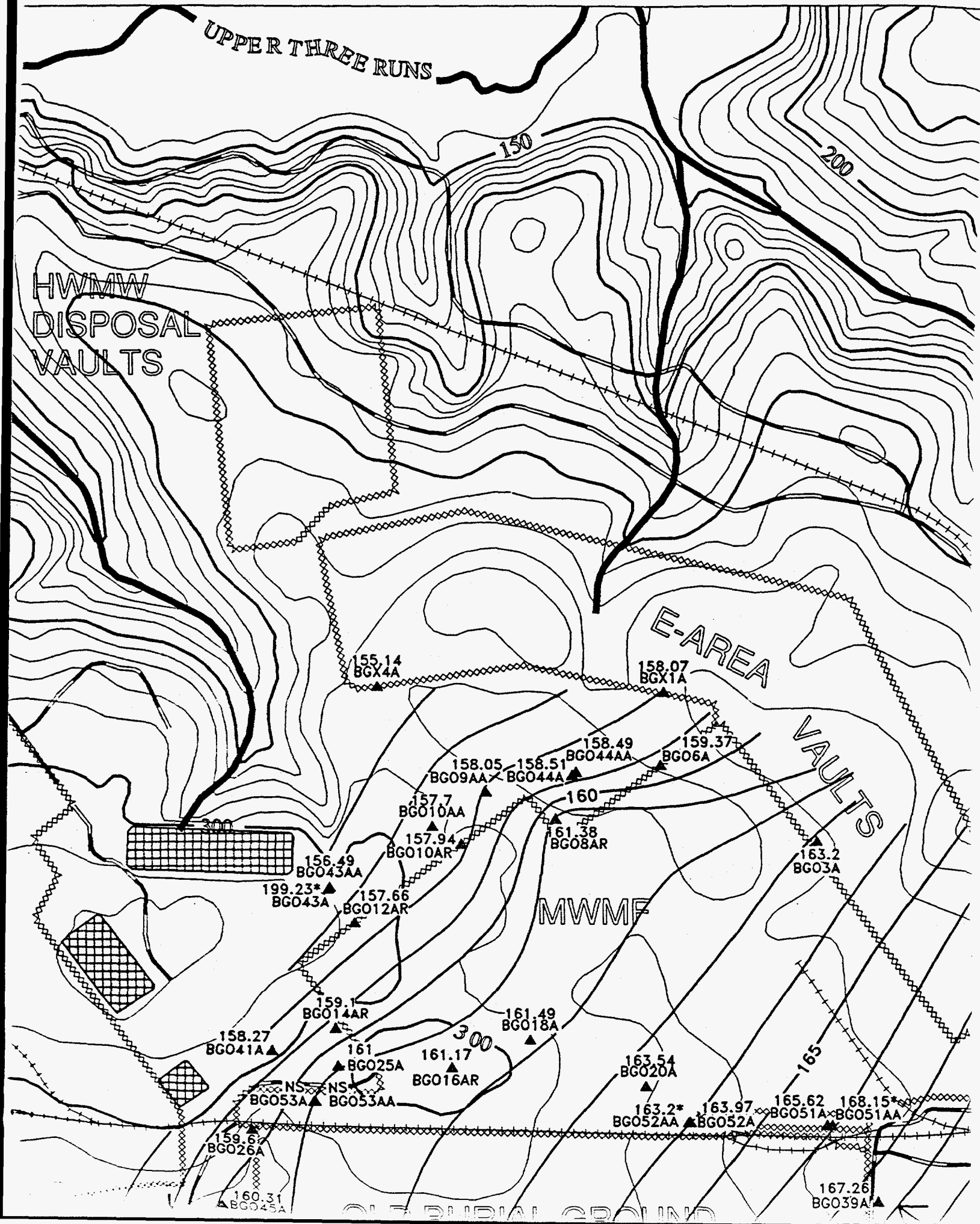
POTENTIOMETRIC SURFACE

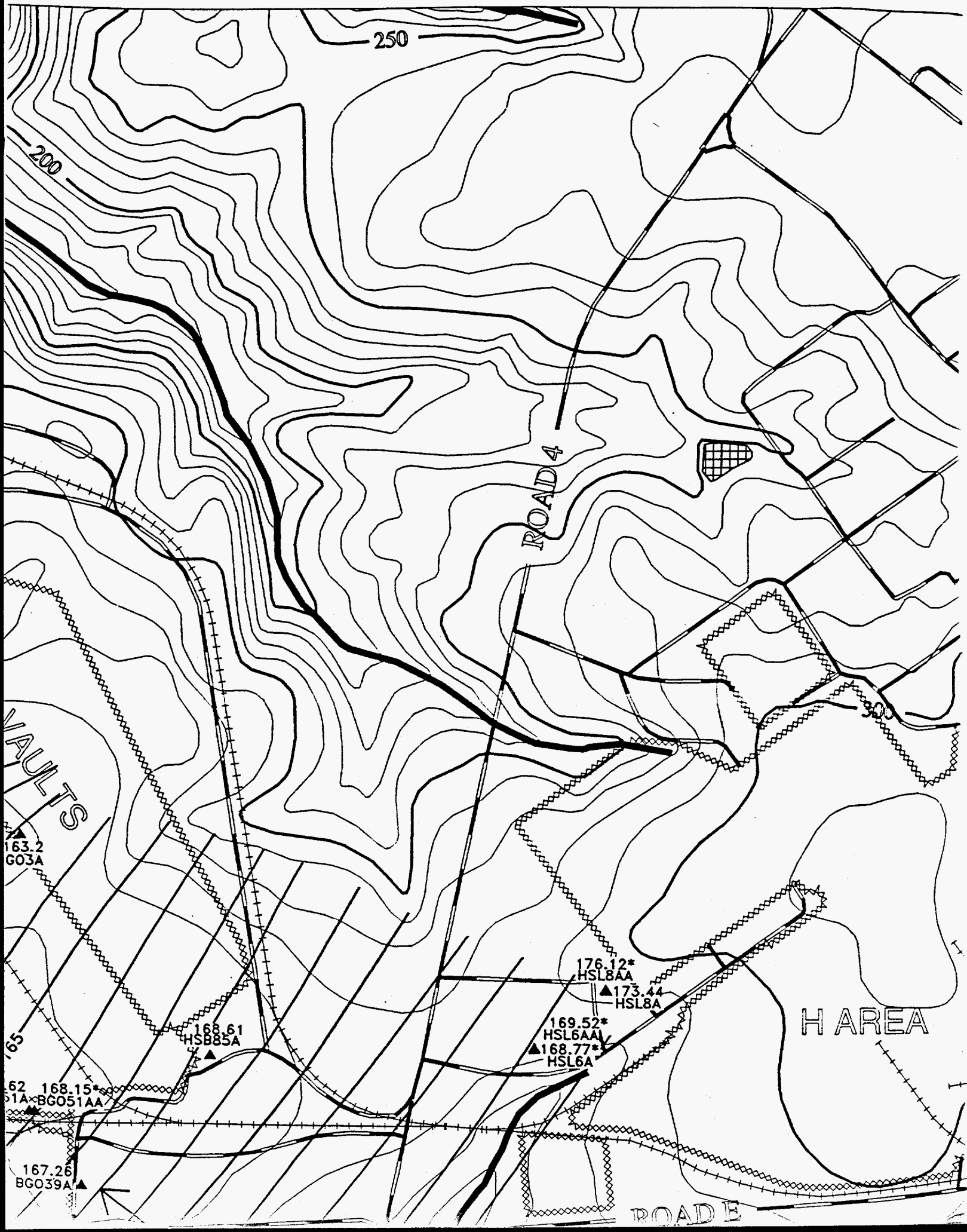
"NS" = Not Sampled

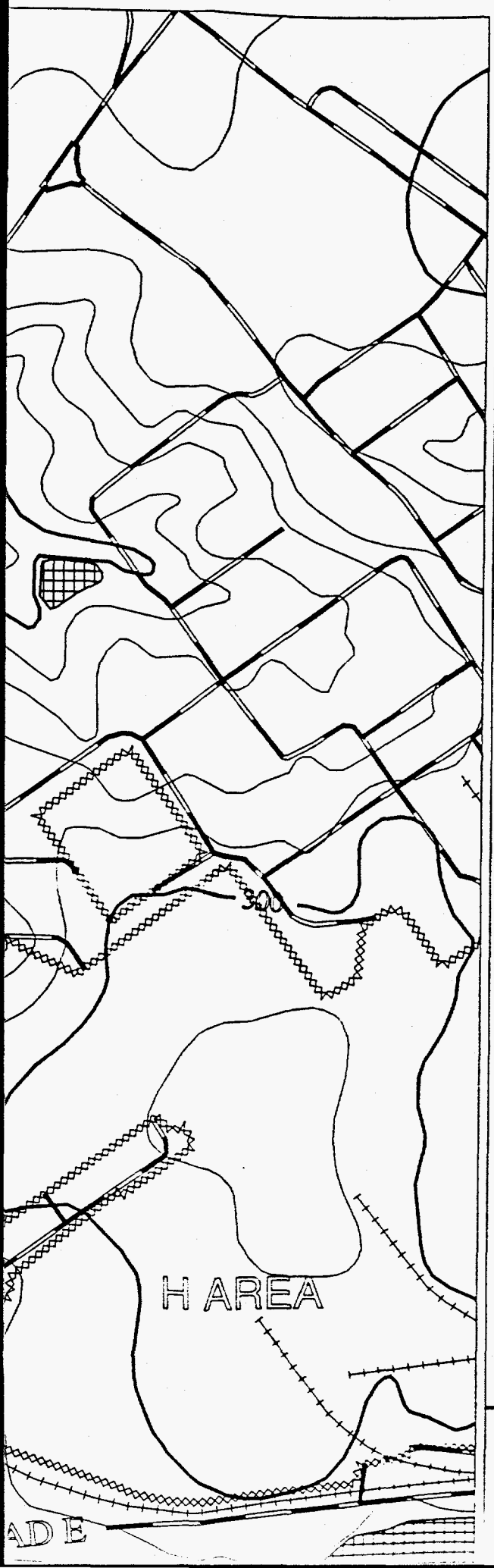
"*" = Wells Not Used to Contour

Contour Interval: 1 FT

250
300
250
F AREA


UPPER THREE RUNS
150
200
HWMW
DISPOSAL
VAULTS
E-AREA
VAULTS
MWMF
155.14
BGX4A
158.07
BGX1A
158.49
BGO44AA
159.37
BGO6A
158.05
BGO9AA
158.51
BGO44A
160
157.7
BGO10AA
157.94
BGO10AR
161.38
BGO8AR
163.2
BGO3A
300
156.49
BGO43AA
199.23*
BGO43A
157.66
BGO12AR
159.1
BGO14AR
161.49
BGO18A
158.27
BGO41A
161
BGO25A
161.17
BGO16AR
300
165
NS
BGO53A
NS
BGO53AA
163.54
BGO20A
163.2*
BGO52AA
163.97
BGO52A
165.62
BGO51A
168.15*
BGO51AA
159.6
BGO26A
160.31
BGO45A
167.26
BGO39A


250
200
ROAD 4
300
VAULTS
163.2
GO3A
176.12*
HSL8AA
173.44
HSL8A
169.52*
HSL6AA
168.77*
HSL6A
168.61
HSB85A
168.15*
BGO51AA
167.26
BGO39A
H AREA
ROADE



REFERENCE DOCUMENT

WSRC-TR-95-0146-4 F-Area Seepage Basins Groundwater Monitoring Report

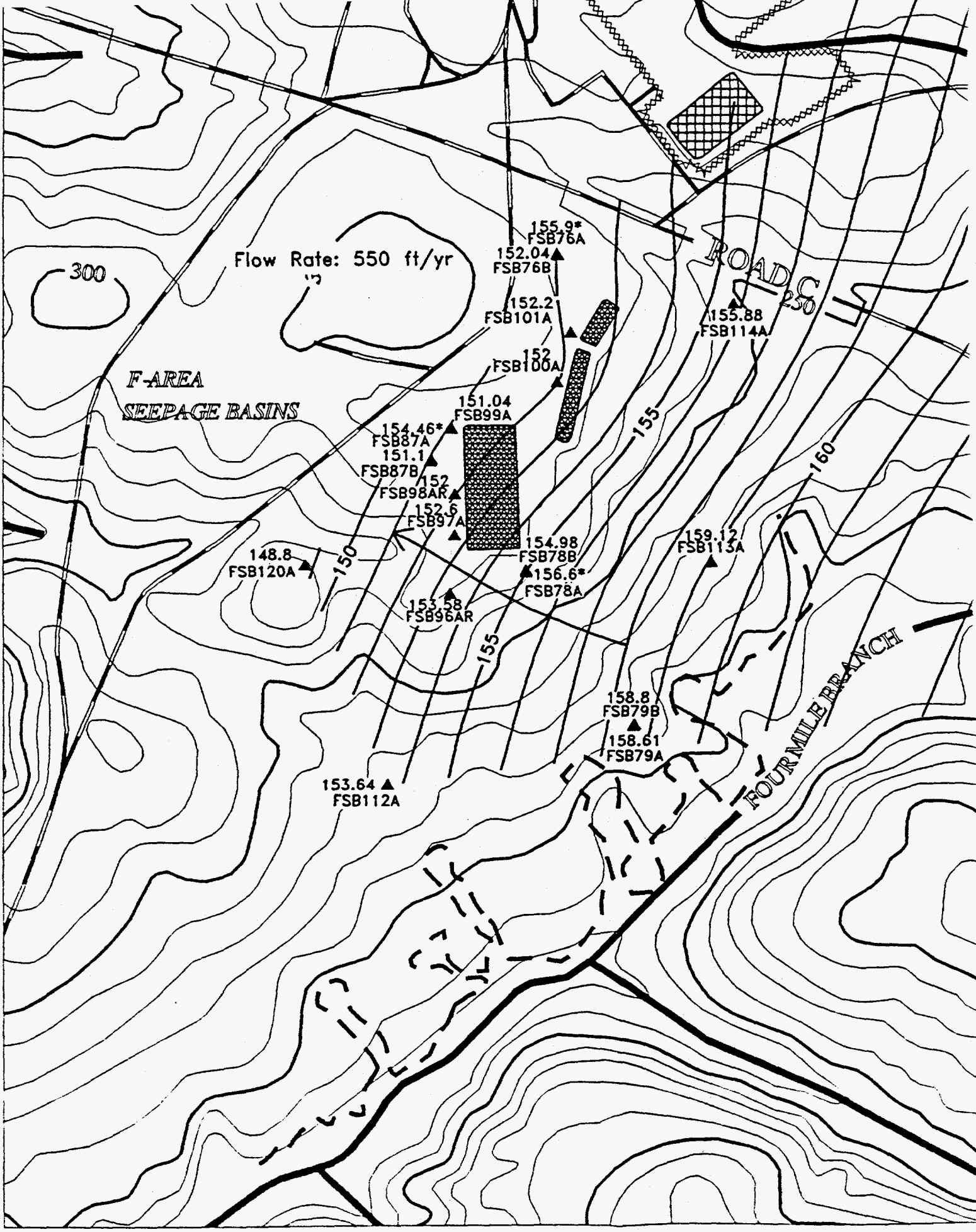
WSRC-TR-95-0147-4 H-Area Seepage Basins Groundwater Monitoring Report

LEGEND

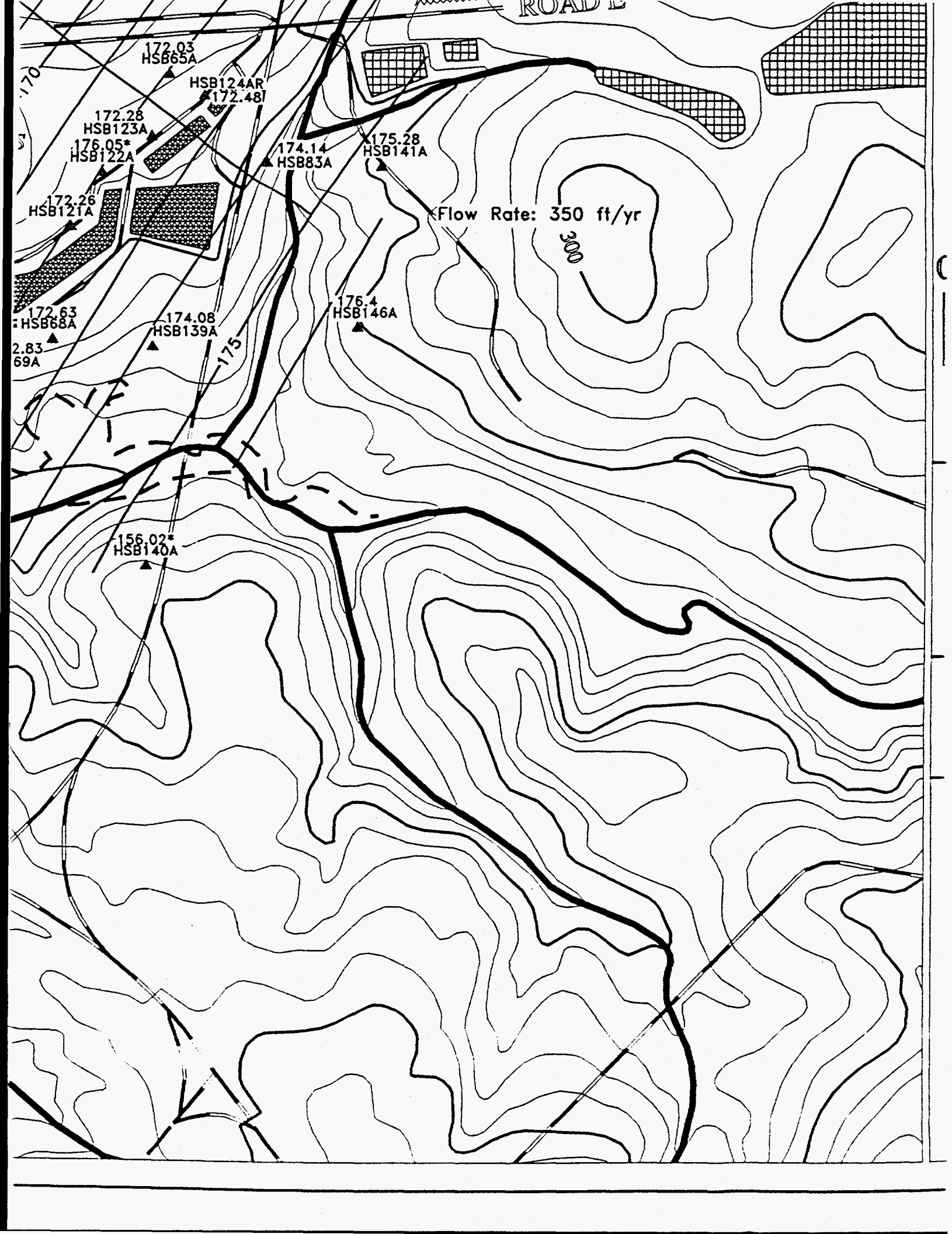
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED POTENTIOMETRIC CONTOUR
- POTENTIOMETRIC CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

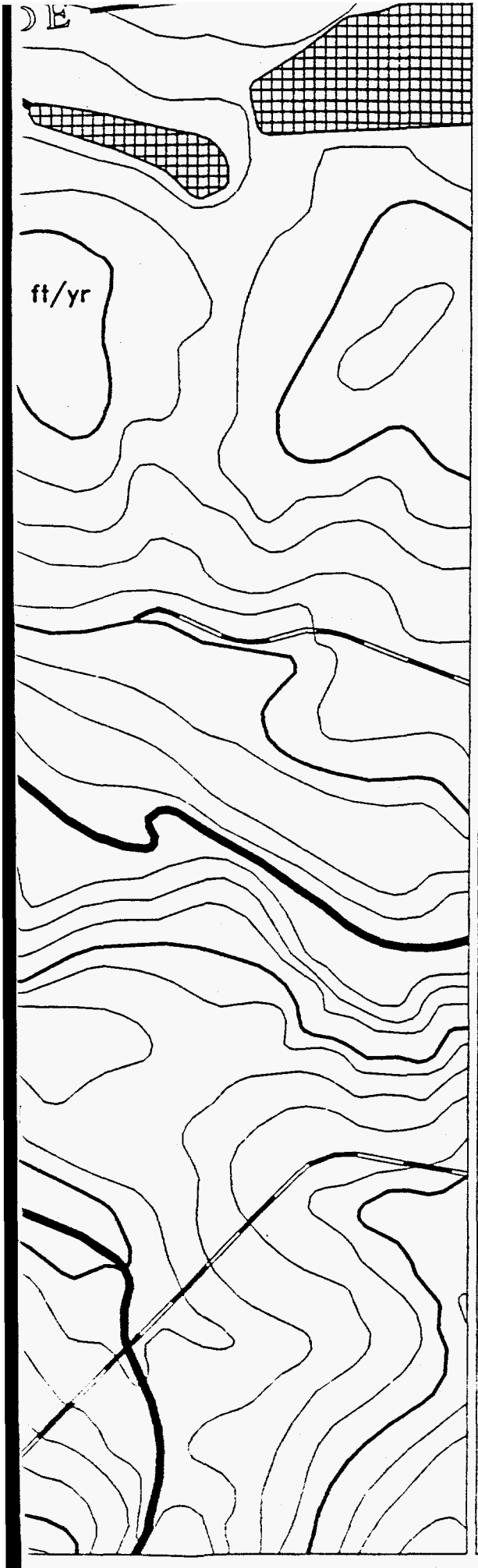
-81.690 -81.638

33.304 33.305


Flow Rate: 550 ft/yr
300
F-AREA
SEEPAGE BASINS
ROAD C
155.9*
FSB76A
152.04
FSB76B
152.2
FSB101A
152
FSB100A
155.88
FSB114A
151.04
FSB99A
154.46*
FSB87A
151.1
FSB87B
152
FSB98AR
152.6
FSB97A
154.98
FSB78B
156.6*
FSB78A
148.8
FSB120A
153.58
FSB96AR
159.12
FSB113A
158.8
FSB79B
158.61
FSB79A
153.64
FSB112A
150
155
160
FOUR MILE BRANCH

OLD BURIAL GROUND
BG029A
160
BG050A
160.19
162.55
BG047A
NS
BG049A
166.75
HSB120A
H-AREA
SEEPAGE BASINS
167.35
HSB119A
172.26
HSB121A
168.11
HSB118A
169.14
HSB86A
166.84
HSB117A
171.19
HSB144A
172.63
HSB68A
172.83
HSB69A
172.58
HSB84A
165
170
200
250
NCH


ROAD E
172.03
HSB65A
HSB124AR
172.48
172.28
HSB123A
176.05*
HSB122A
174.14
HSB83A
175.28
HSB141A
172.26
HSB121A
Flow Rate: 350 ft/yr
300
172.63
HSB68A
174.08
HSB139A
175
176.4
HSB146A
156.02*
HSB140A



33.304 33.305

LATITUDE-
LONGITUDE

33.261 33.261

-81.690 -81.638

0 700 1400 2100 2800

Scale 1:700 FT
1:213 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 4th QUARTER '95

AQUIFER:

CONGAREE

NOTES:

POTENTIOMETRIC SURFACE

"NS" = Not Sampled

"*" = Wells Not Used to Contour

Contour Interval: 1 FT