GENERAL SEPARATIONS AREA LARGE MAPS FOR THE F- AND H-AREA SEEPAGE BASINS GROUNDWATER MONITORING REPORTS (U)

FIRST AND SECOND QUARTERS 1995

Volume II

Publication Date: September 1995

Document Reference Numbers:
WSRC-TR-95-~~1046-2~~ 0146-2 F-Area Seepage Basins
WSRC-TR-95-~~1047-2~~ 0147-2 H-Area Seepage Basins

MASTER

Authorized Derivative Classifier
and Reviewing Official:

C. B. Reeves 9/26/95

UNCLASSIFIED
Does Not Contain Unclassified
Controlled Nuclear Information

Westinghouse Savannah River Company
Savannah River Site
Aiken, SC 29808

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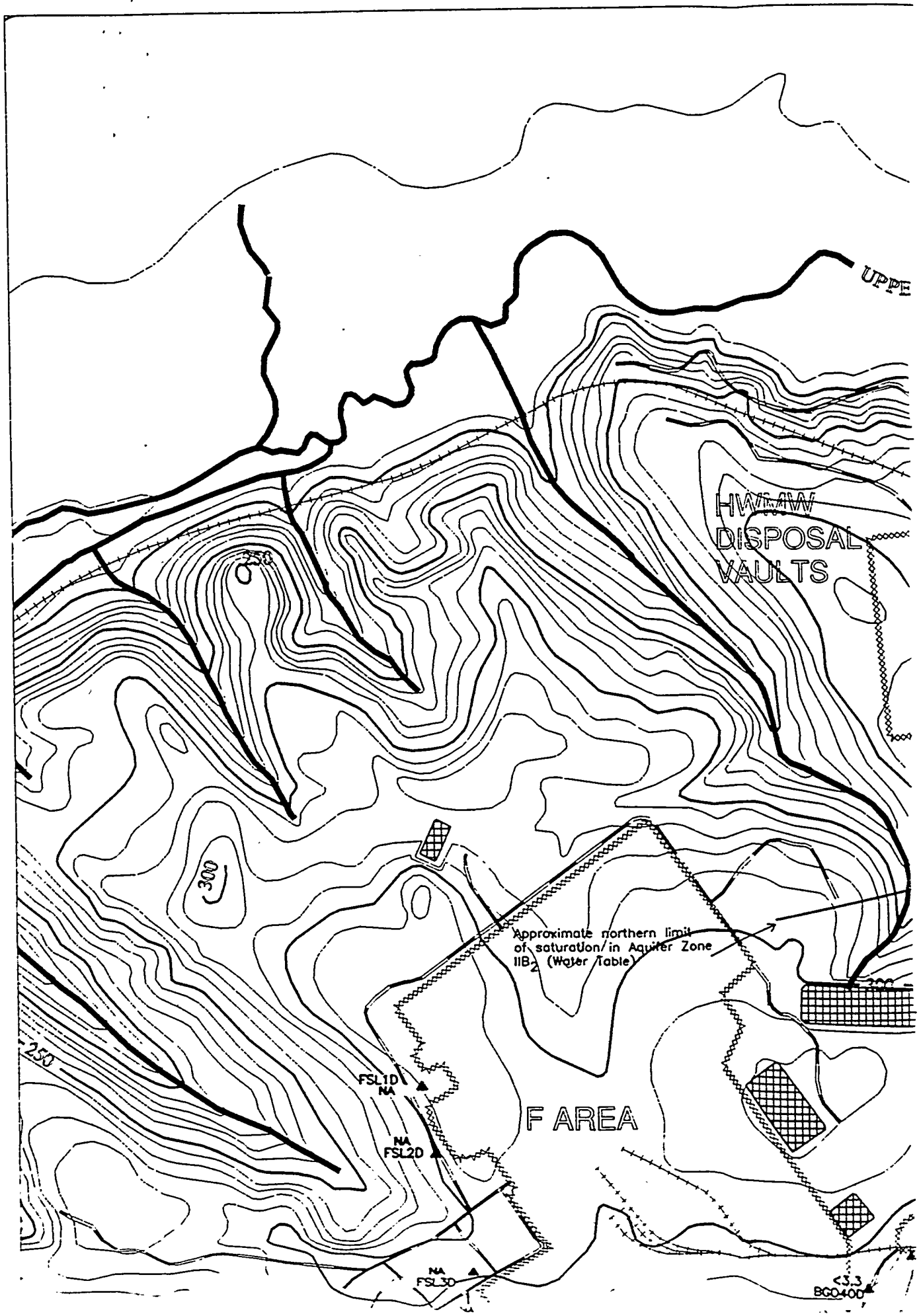
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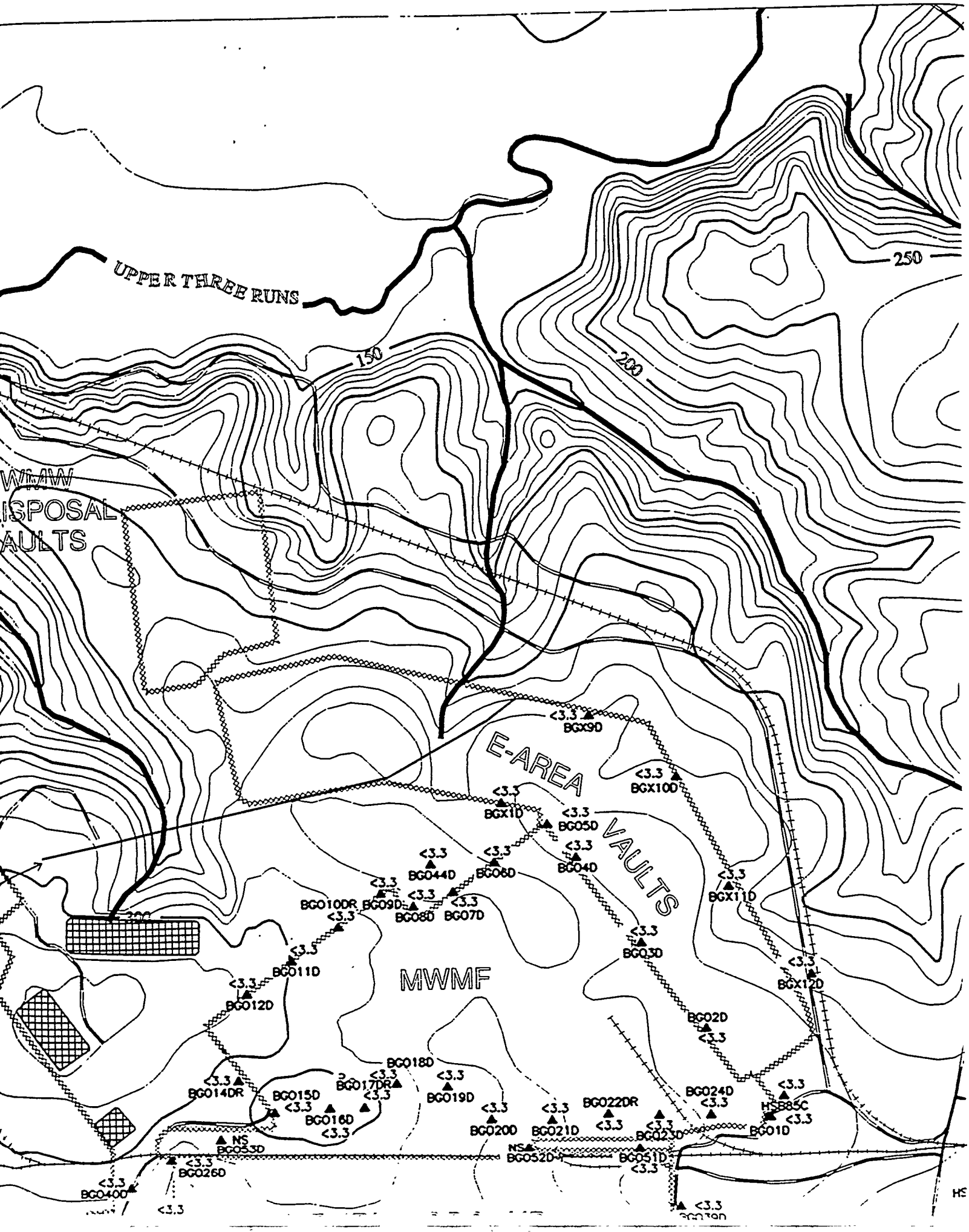
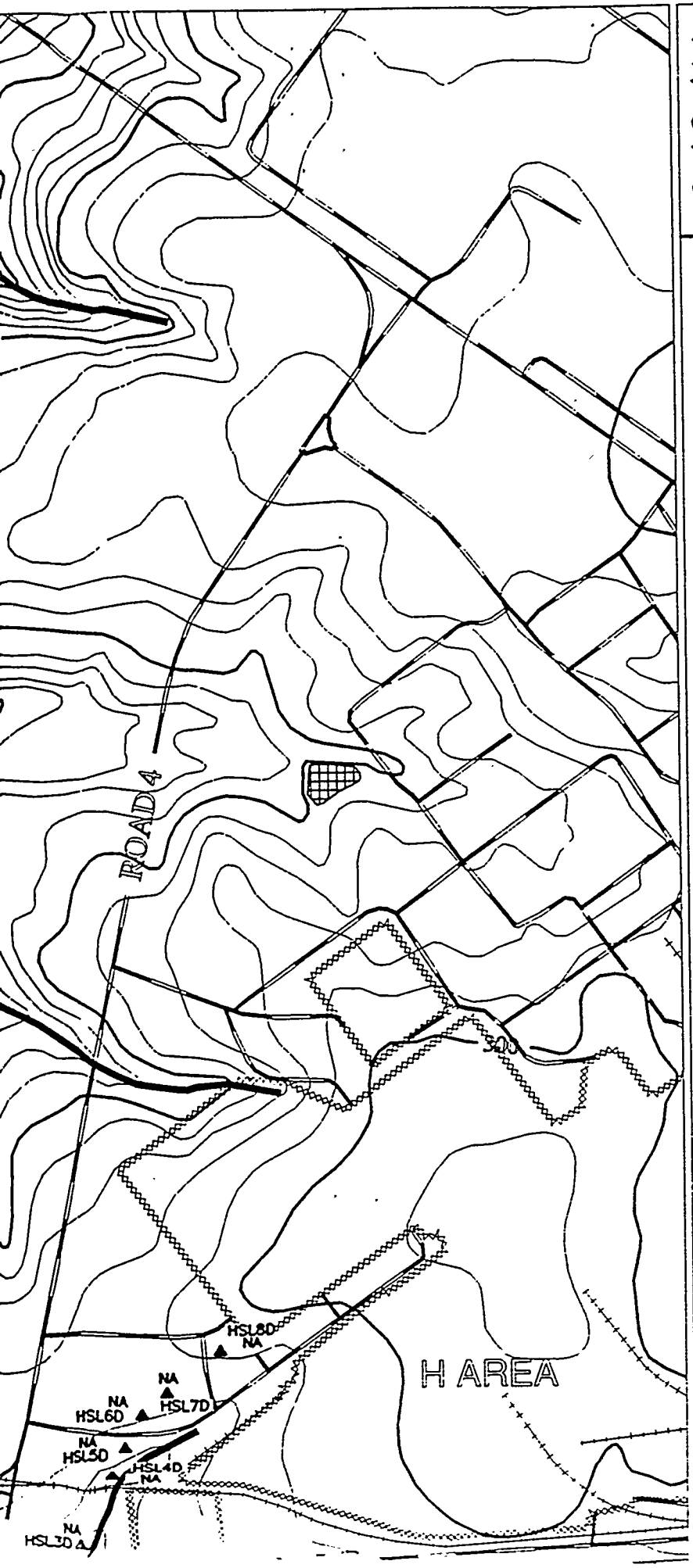
HW/AW
DISPOSAL
VAULTS
250
300
Approximate northern limit
of saturation/in Aquifer Zone
IIB (Water Table)
250
FSL1D
NA
NA
FSL2D
F AREA
NA
FSL3D
<3.3
BG0400

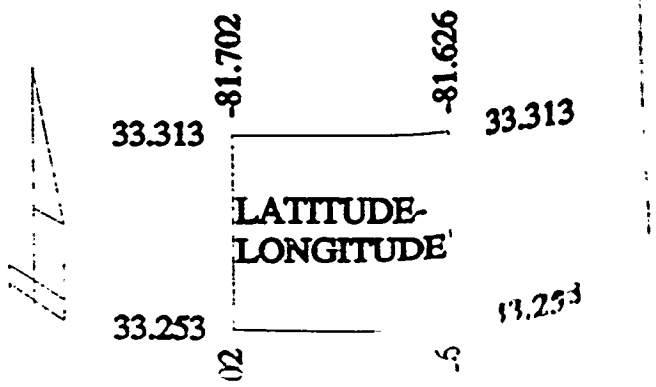

UPPER THREE RUNS
150
200
250
WMW
ISPOSAL
AULTS
E-AREA
VAULTS
MWMF
<3.3
BGX9D
BGX10D
BGX1D
BG05D
BG04D
BG044D
BG06D
BGX11D
BG010DR
BG09D
BG08D
BG07D
BG03D
BG011D
BGX12D
BG012D
BG02D
BG018D
BG017DR
BG019D
BG014DR
BG015D
BG016D
BG020D
BG021D
BG022DR
BG023D
BG024D
HSB85C
BG01D
NS
BG053D
BG052D
BG051D
BG026D
BG040D

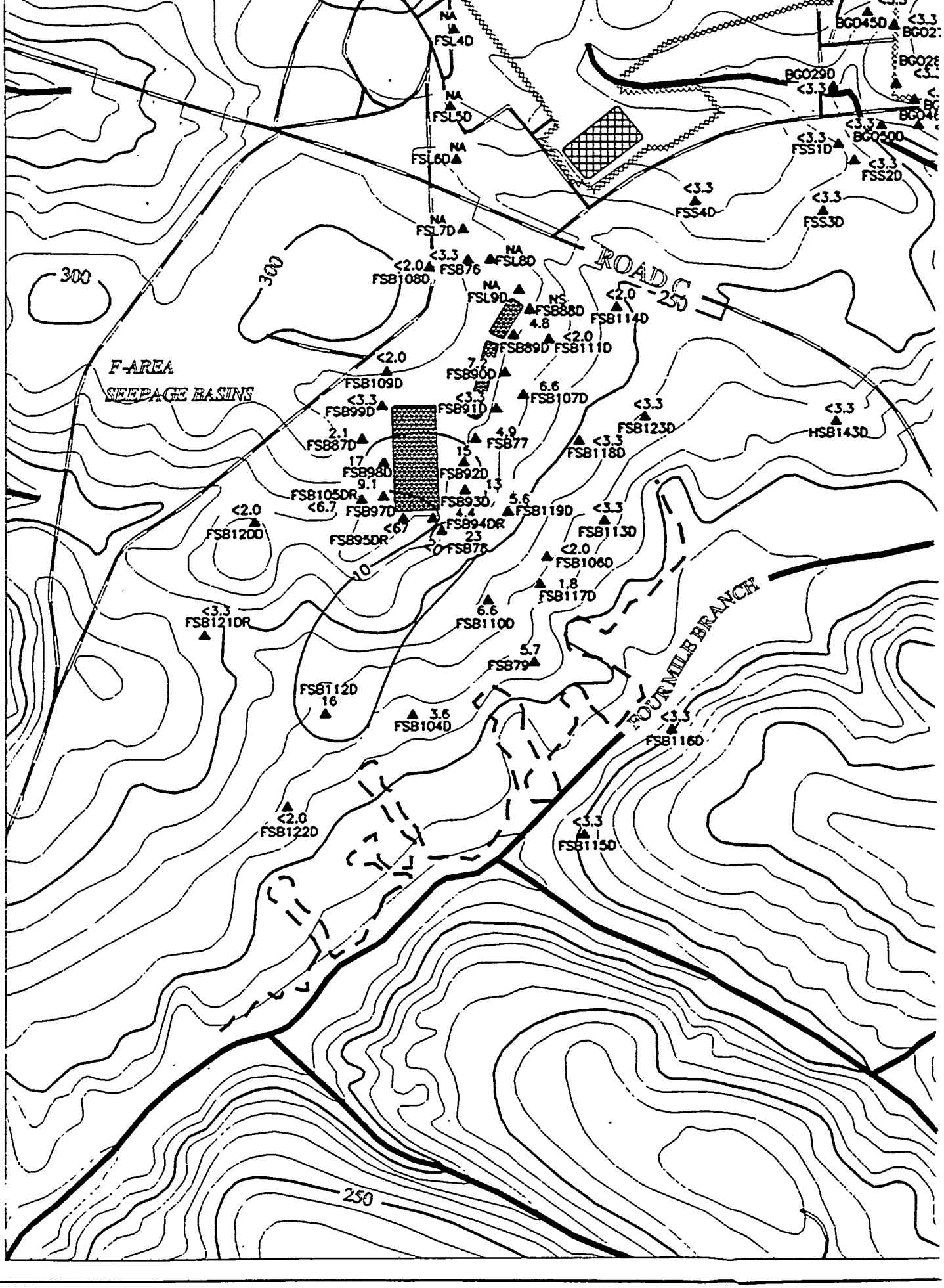


REFERENCE DOCUMENT

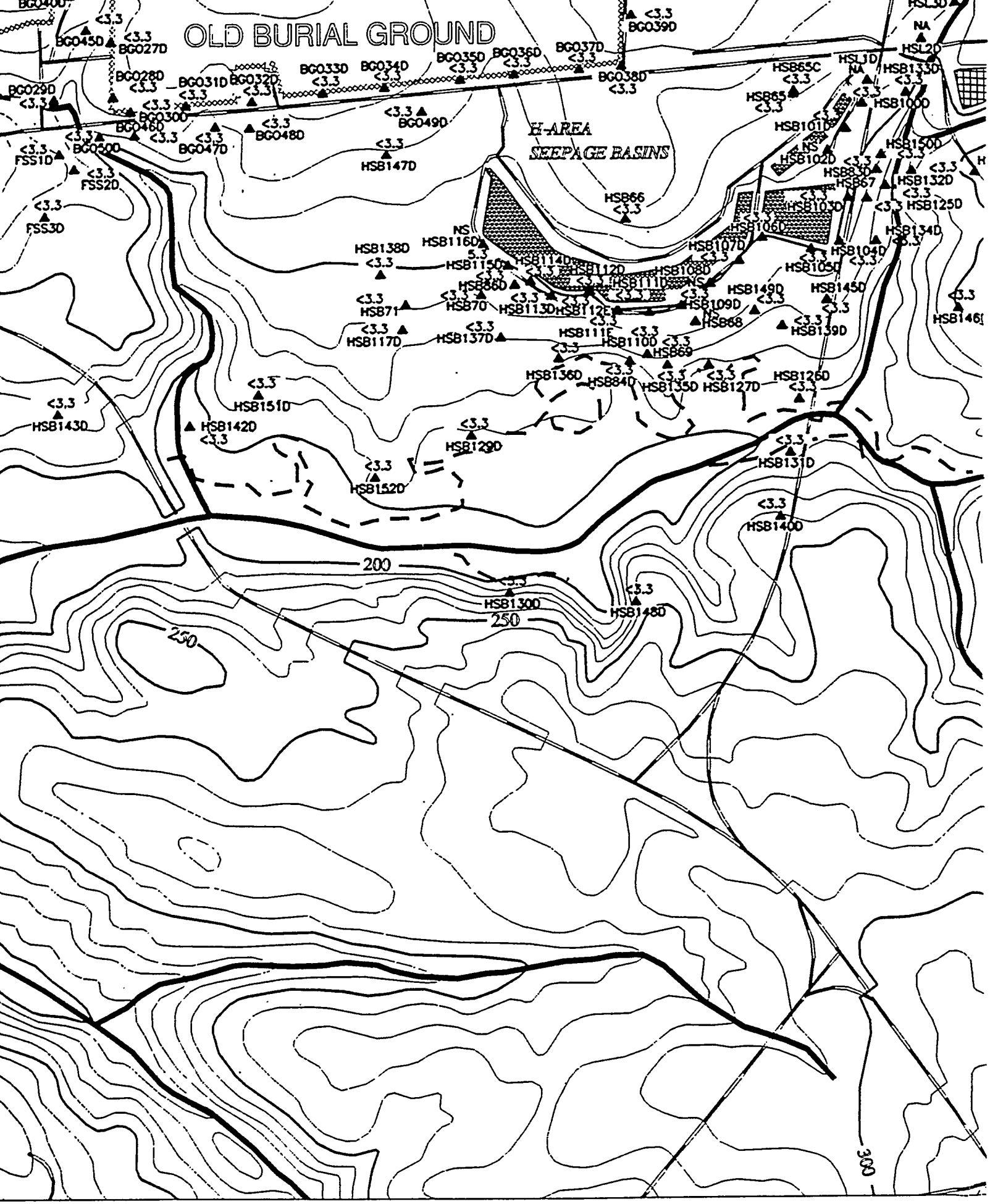
WSRC-TR-95-0146-2 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-2 H-Area Seepage Basins Groundwater Monitoring Report

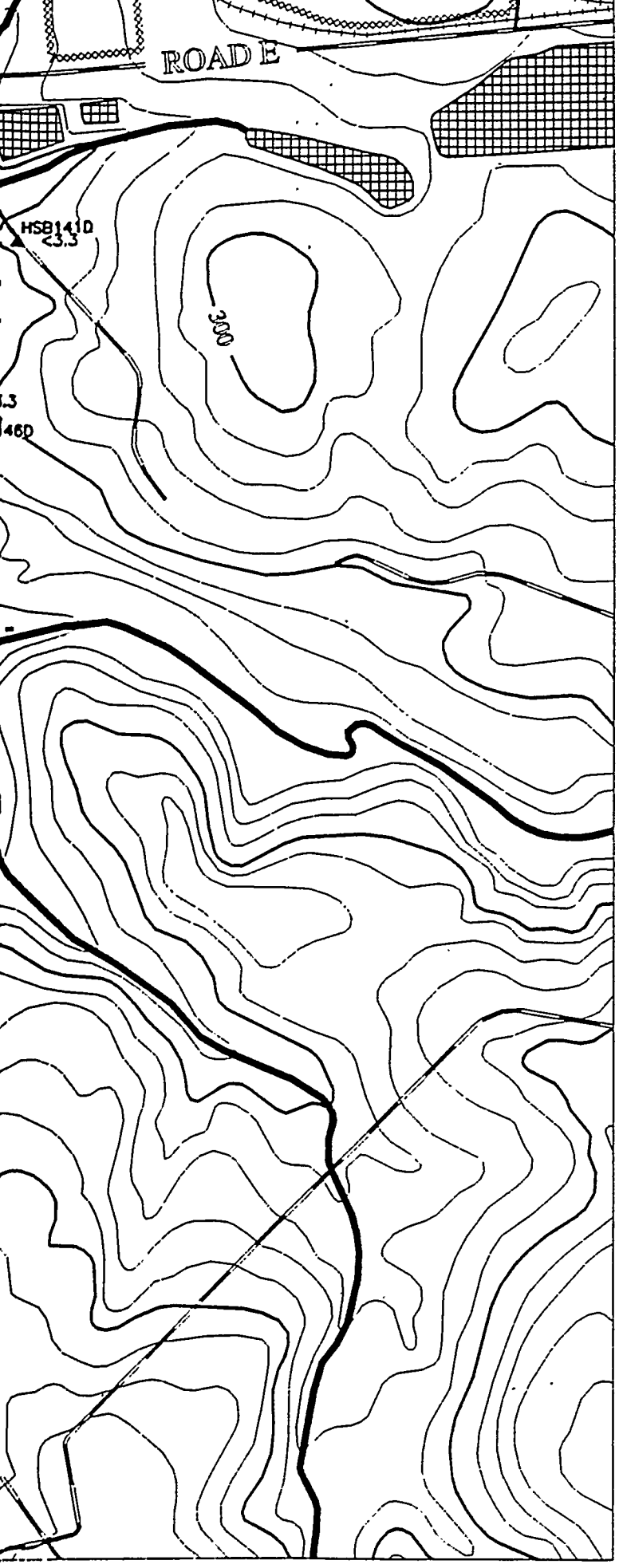
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL





F-AREA
SEEPAGE BASINS
ROAD C
FOUR MILE BRANCH
300
250
10
NA
FSL4D
NA
FSL5D
NA
FSL6D
NA
FSL7D
NA
FSL8D
NA
FSL9D
NS
FSB88D
4.8
<3.3
FSB76
<2.0
FSB108D
<2.0
FSB114D
<2.0
FSB111D
FSB89D
7.2
FSB90D
6.6
FSB107D
<3.3
FSB91D
<3.3
FSB99D
2.1
FSB87D
4.9
FSB77
<3.3
FSB118D
<3.3
FSB123D
<3.3
HSB143D
<2.0
FSB109D
17
FSB98D
15
FSB92D
9.1
FSB105DR
<6.7
FSB97D
13
FSB93D
5.6
FSB119D
<3.3
FSB113D
<2.0
FSB120D
<67
FSB95DR
4.4
FSB94DR
23
FSB78
<2.0
FSB106D
1.8
FSB117D
6.6
FSB110D
<3.3
FSB121DR
5.7
FSB79
FSB112D
16
3.6
FSB104D
<3.3
FSB116D
<2.0
FSB122D
<3.3
FSB115D
BG045D
BG029D
<3.3
<3.3
FSS1D
<3.3
FSS2D
<3.3
FSS4D
<3.3
FSS3D


OLD BURIAL GROUND
H-AREA
SEEPAGE BASINS
200
250
250
300



Scale 1:900 FT
1:274 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 1st QUARTER '95

AQUIFER:

WATER TABLE

CONSTITUENT:

CADMIUM

GWPS = 10 ug/L

"NS" = Not Sampled

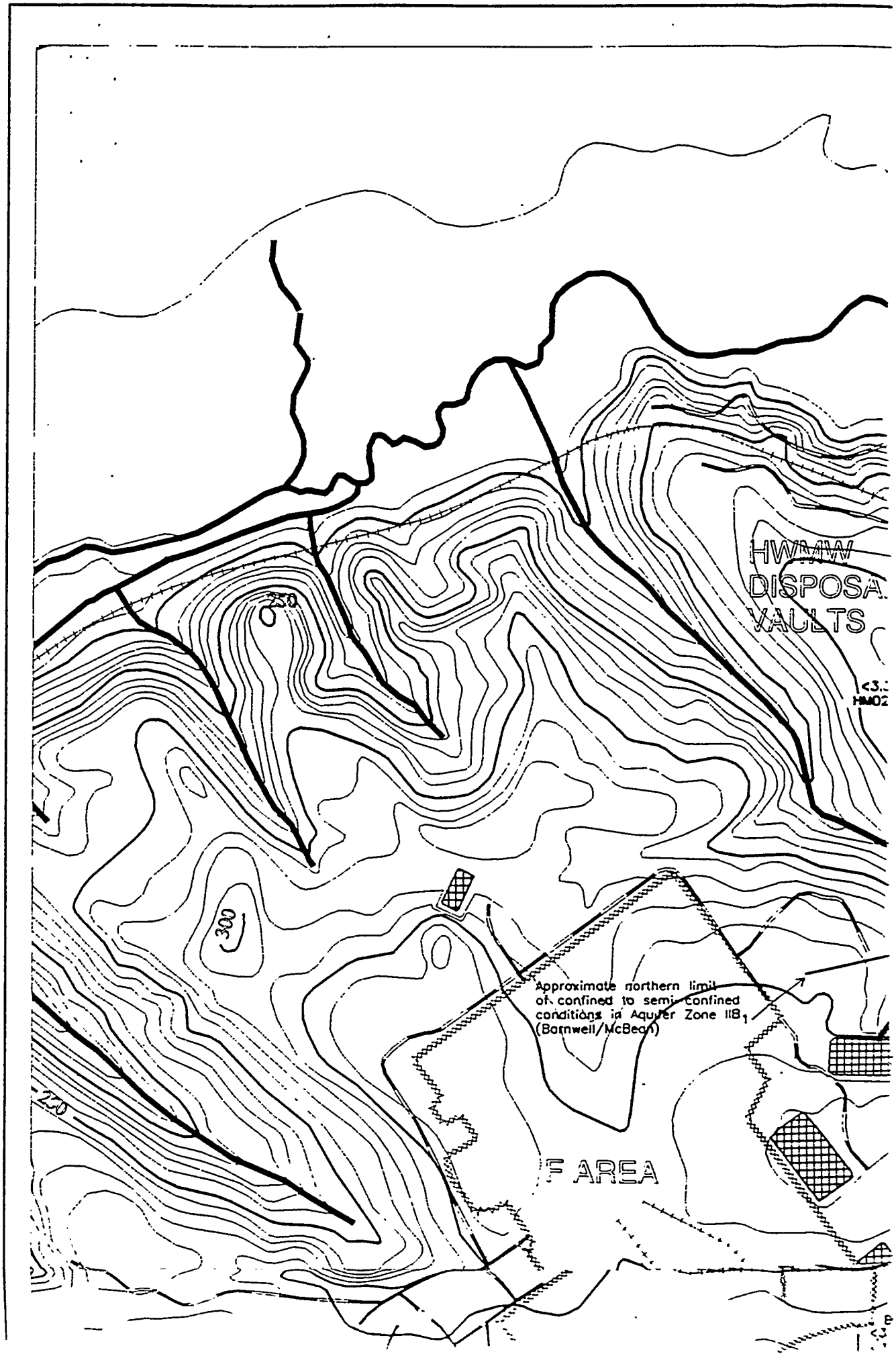
"*" = Wells Not Used to Contour

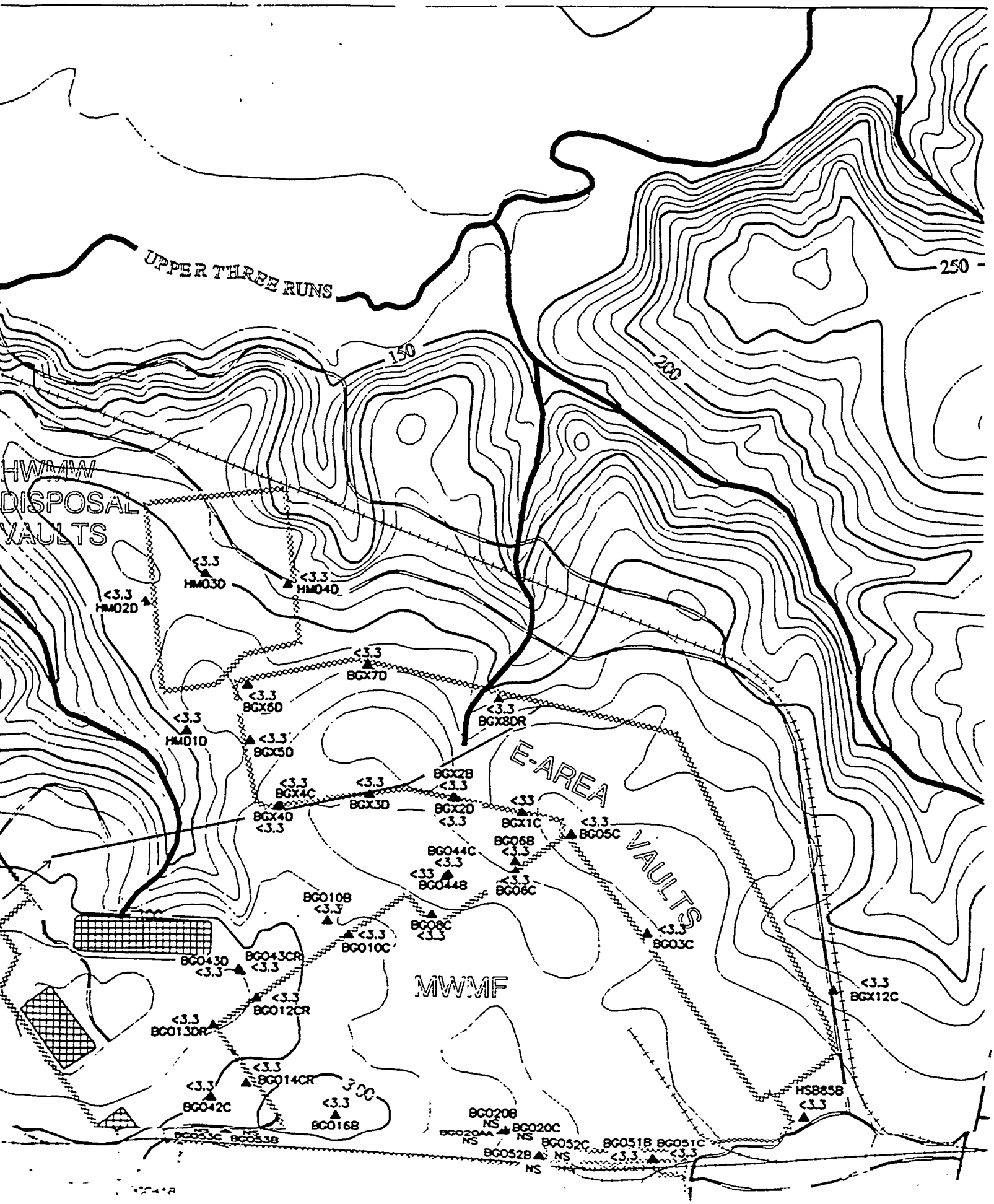
"NA" = Not Analyzed

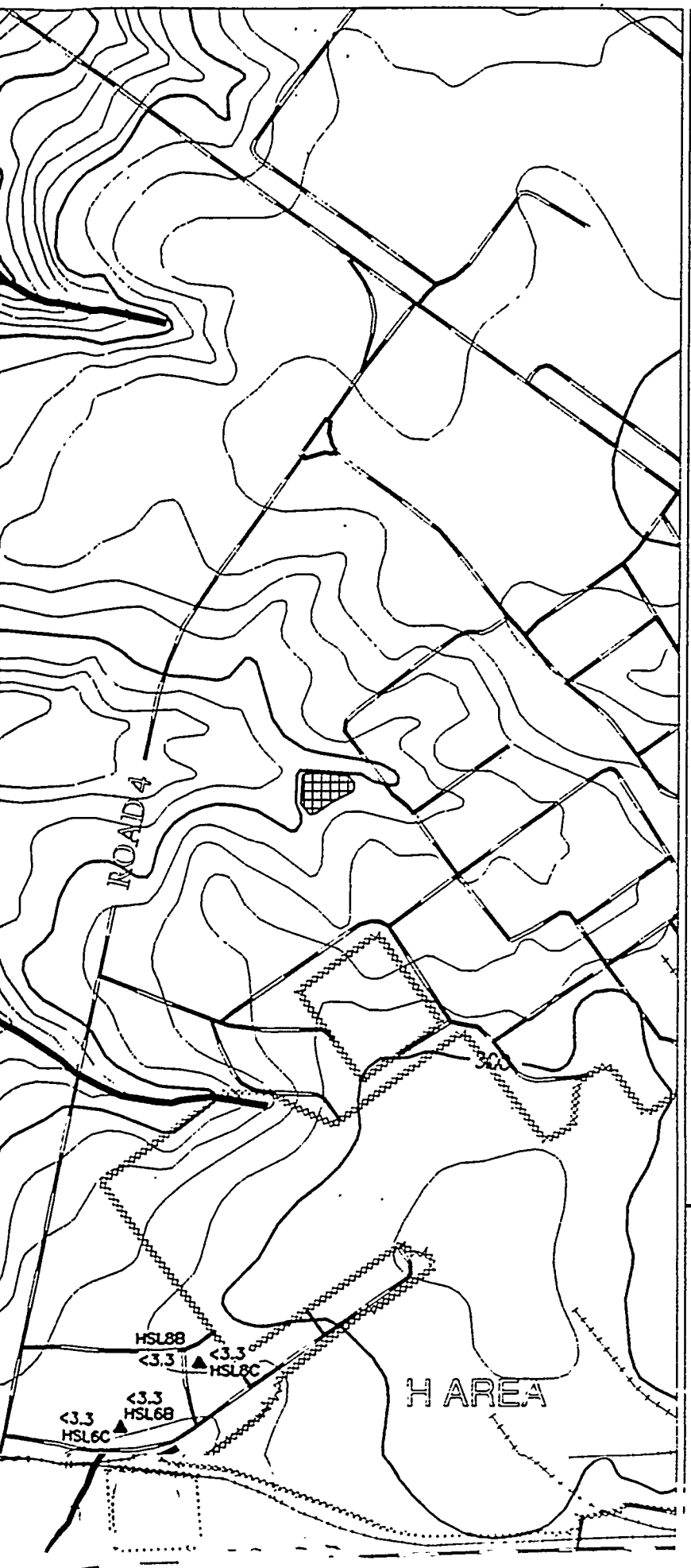
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 10, 20 ug/L

EPD GIS Lab (803)725-1417


HW/MW
DISPOSA
VAULTS
250
300
220
Approximate northern limit of confined to semi-confined conditions in Aquifer Zone IIB_1 (Barnwell/McBean)
F AREA


UPPER THREE RUNS
250
200
150
100
300
HWMW
DISPOSAL
VAULTS
E-AREA
VAULTS
MWMF
<3.3
HM030
HM040
HM020
HM010
BGX70
BGX60
BGX50
BGX8DR
BGX2B
BGX4C
BGX30
BGX40
BGX20
BGX1C
BG05C
BG06B
BG044C
BG044B
BG06C
BG0108
BG08C
BG010C
BG03C
BG043CR
BG0430
BG012CR
BG0130R
BGX12C
BG014CR
BG042C
BG016B
HSB858
BG020B
NS
BG020C
BG020AA
BG052C
BG051B
BG051C
BG052B
BG053C
BG053B



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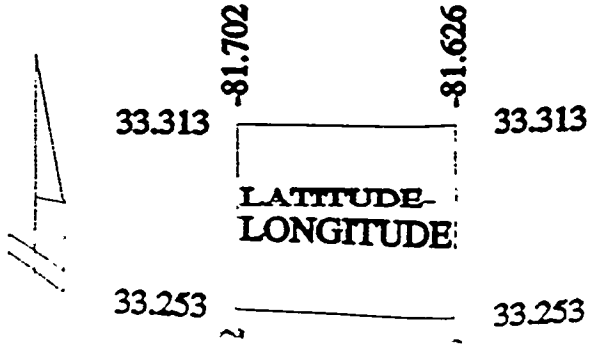
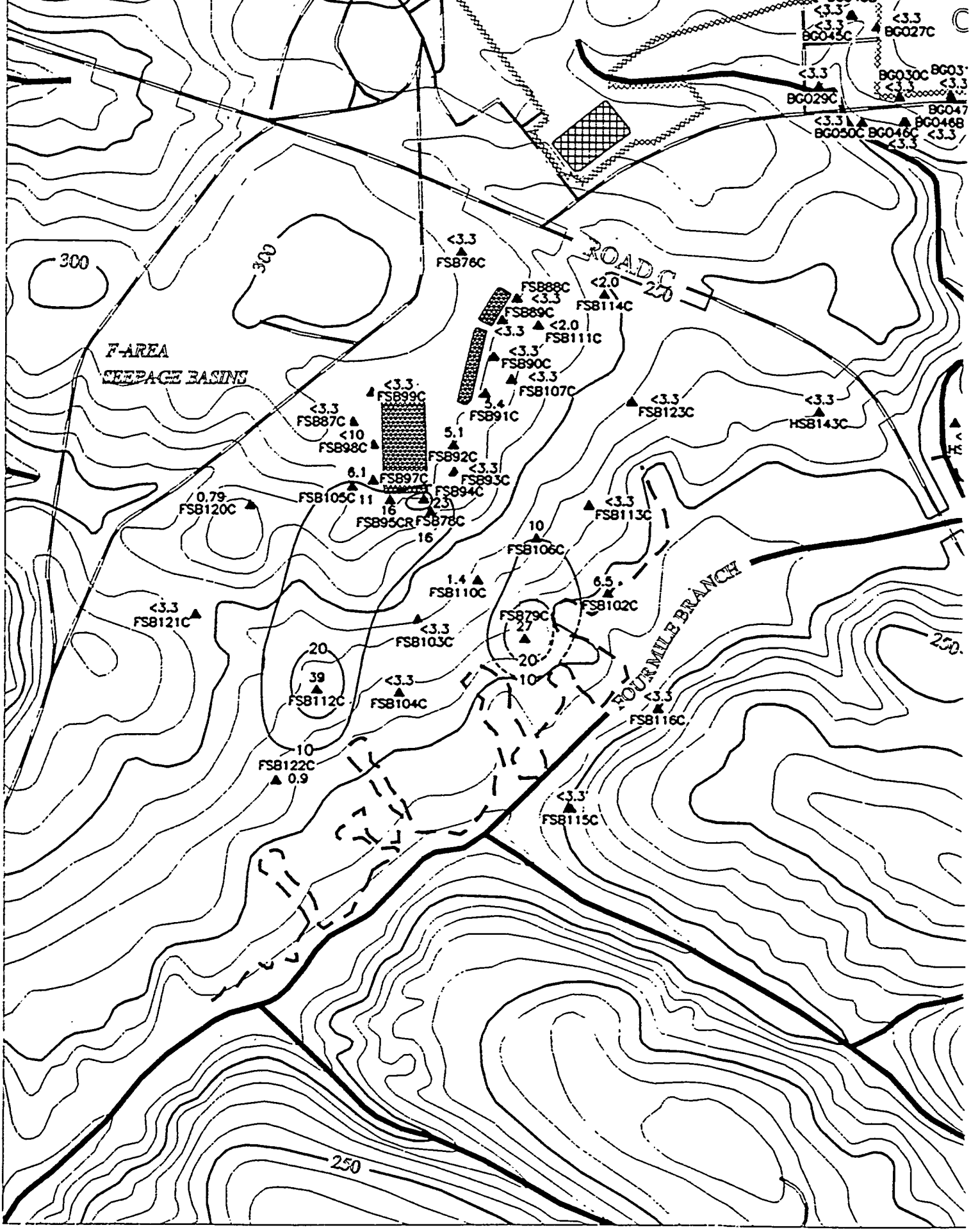
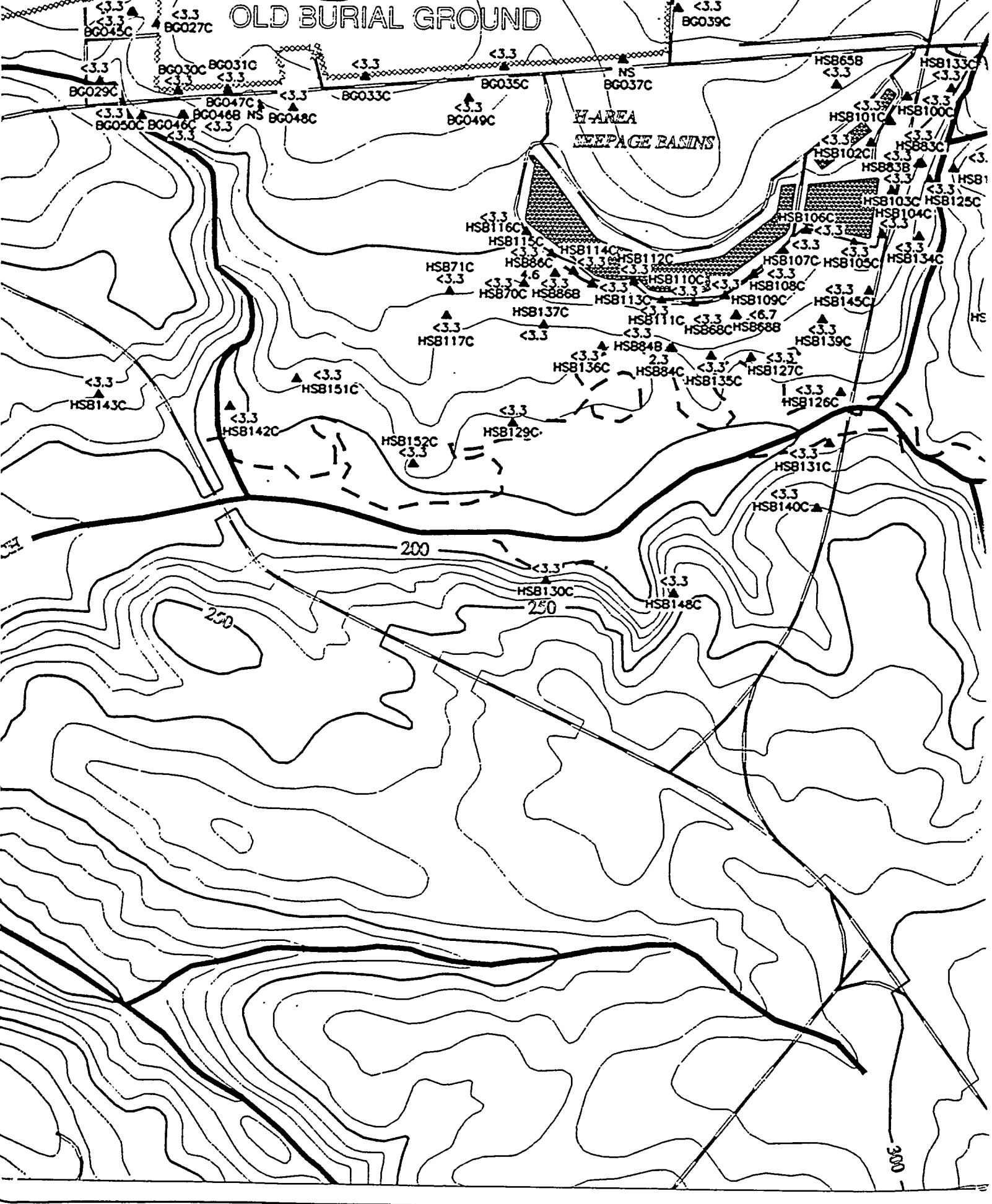
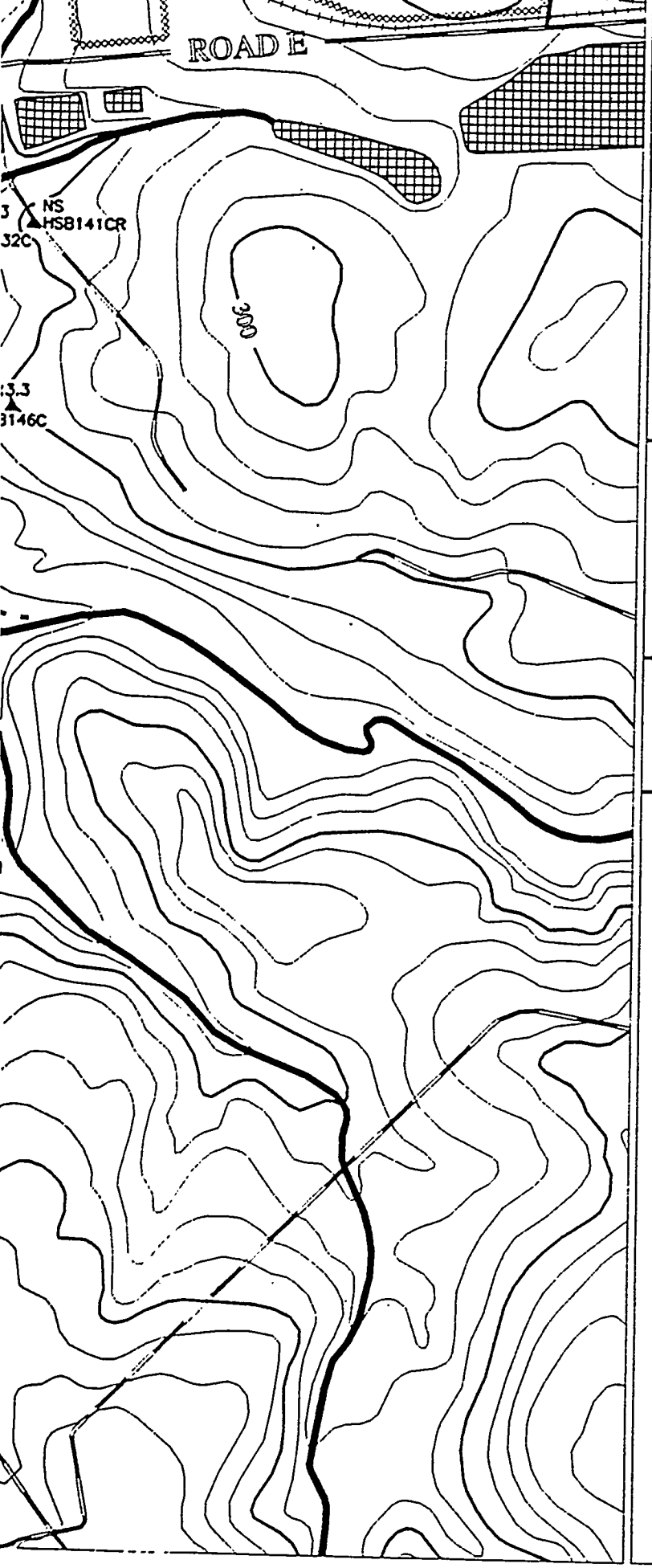
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL




F-AREA
SEEPAGE BASINS
ROAD C
FOUR MILE BRANCH
300
250
<3.3 FSB76C
FSB88C <3.3
FSB89C
<2.0 FSB114C
<3.3 <2.0 FSB111C
<3.3 FSB90C
<3.3 FSB107C
3.4 FSB91C
<3.3 FSB99C
<3.3 FSB887C
<10 FSB98C
5.1 FSB92C
6.1 FSB97C
<3.3 FSB93C
FSB94C
0.79 FSB120C
FSB105C 11
16 FSB95CR
23 FSB78C
16
10 FSB106C
1.4 FSB110C
6.5 FSB102C
FSB79C 27
20
10
<3.3 FSB103C
<3.3 FSB104C
20
39 FSB112C
10 FSB122C 0.9
<3.3 FSB121C
<3.3 FSB113C
<3.3 FSB123C
<3.3 HSB143C
<3.3 FSB116C
<3.3 FSB115C
<3.3 BG045C
<3.3 BG027C
<3.3 BG029C
BG030C
BG046B
BG050C
BG046C


OLD BURIAL GROUND
H-AREA
SEEPAGE BASINS
BG043C
BG027C
BG039C
BG030C
BG031C
BG029C
BG035C
BG037C
BG033C
BG047C
BG046B
BG048C
BG049C
BG050C
BG046C
HSB658
HSB133C
HSB101C
HSB100C
HSB102C
HSB883C
HSB883B
HSB103C
HSB125C
HSB104C
HSB106C
HSB116C
HSB115C
HSB114C
HSB112C
HSB107C
HSB105C
HSB134C
HSB71C
HSB86C
HSB70C
HSB86B
HSB110C
HSB108C
HSB113C
HSB109C
HSB145C
HSB137C
HSB111C
HSB86C
HSB88
HSB139C
HSB117C
HSB84B
HSB136C
HSB84C
HSB135C
HSB127C
HSB143C
HSB151C
HSB126C
HSB142C
HSB129C
HSB152C
HSB131C
HSB140C
HSB130C
HSB148C
200
250
300



33.253 33.253

-81.702 -81.626

0 900 1800 2700

Scale 1:900 FT
1:274 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 1st QUARTER '95

AQUIFER:

BARNWELL/McBEAN

CONSTITUENT:

CADMIUM

GWPS = 10 ug/L

"NS" = Not Sampled

"*" = Wells Not Used to Contour

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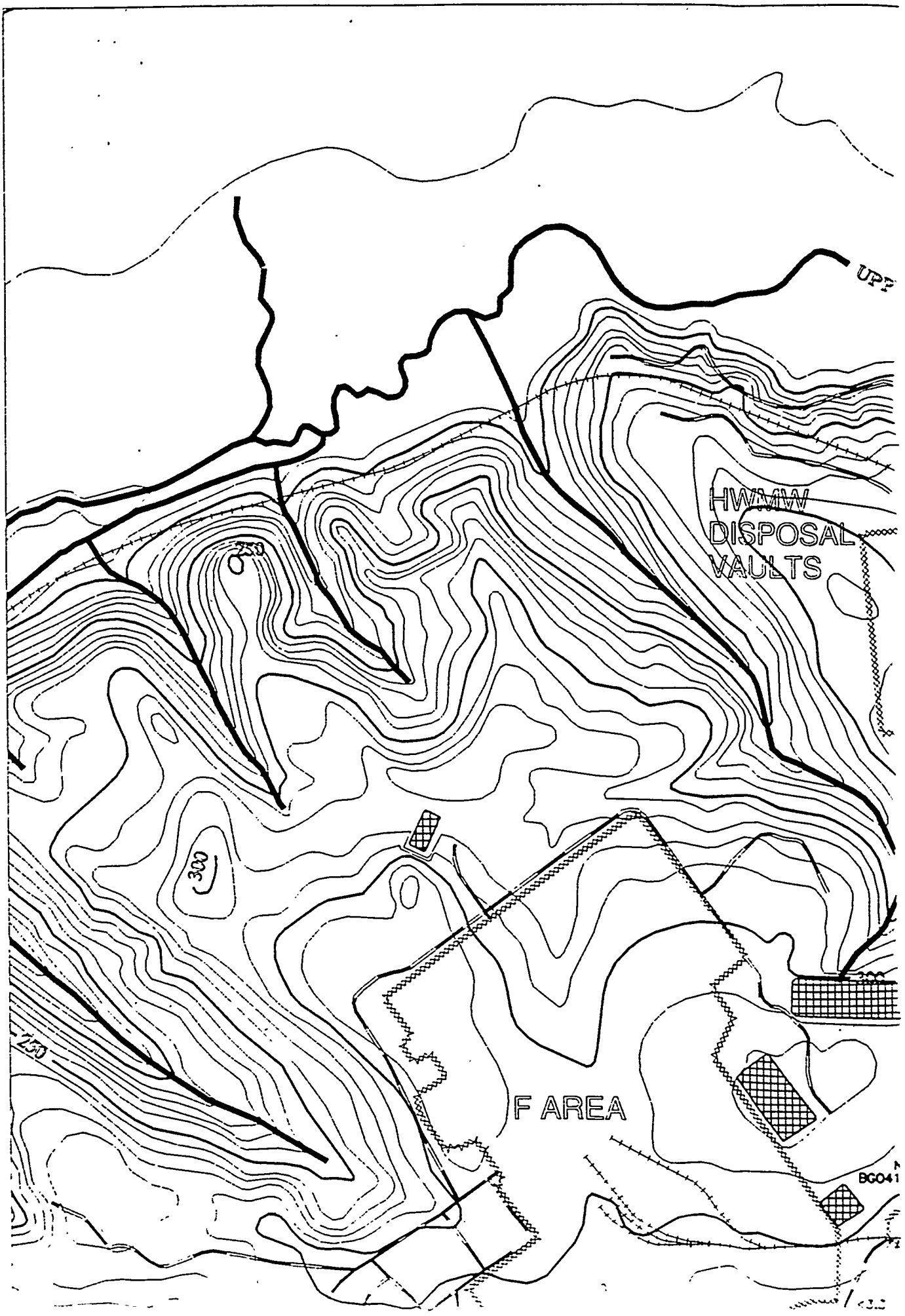
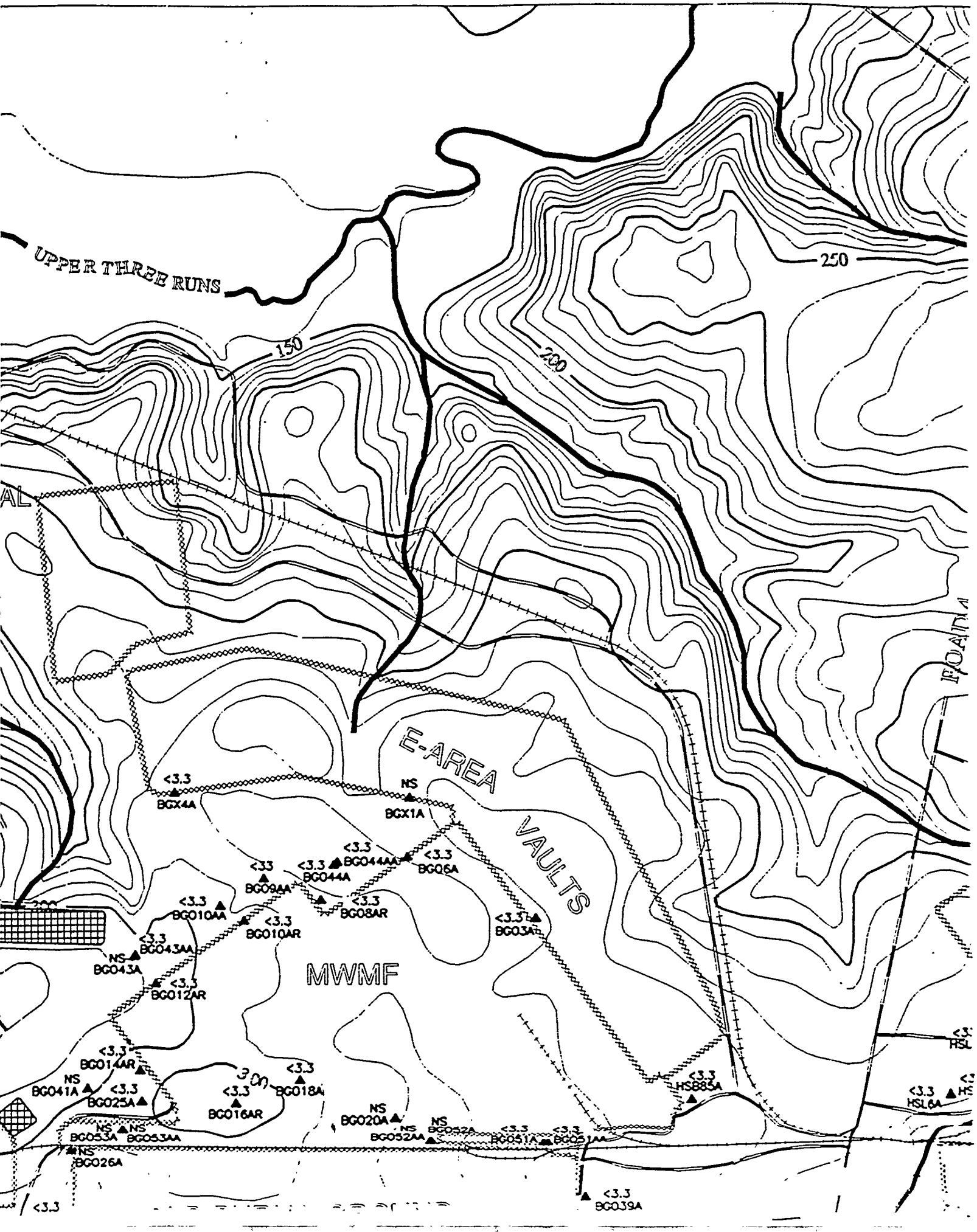
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 10, 20 ug/L

EPD GIS Lab (803)725-1417


HW/MW
DISPOSAL
VAULTS
F AREA
BG041


UPPER THREE RUNS
250
200
150
F-AREA VAULTS
MWMF
ROAD A
<3.3 BGX4A
NS BGX1A
<3.3 BG044AA
<3.3 BG044A
<3.3 BG06A
<3.3 BG09AA
<3.3 BG08AR
<3.3 BG010AA
<3.3 BG010AR
<3.3 BG03A
<3.3 BG043AA
NS BG043A
<3.3 BG012AR
<3.3 BG014AR
NS BG041A
<3.3 BG025A
<3.3 BG018A
<3.3 BG016AR
NS BG053A
NS BG053AA
NS BG026A
NS BG020A
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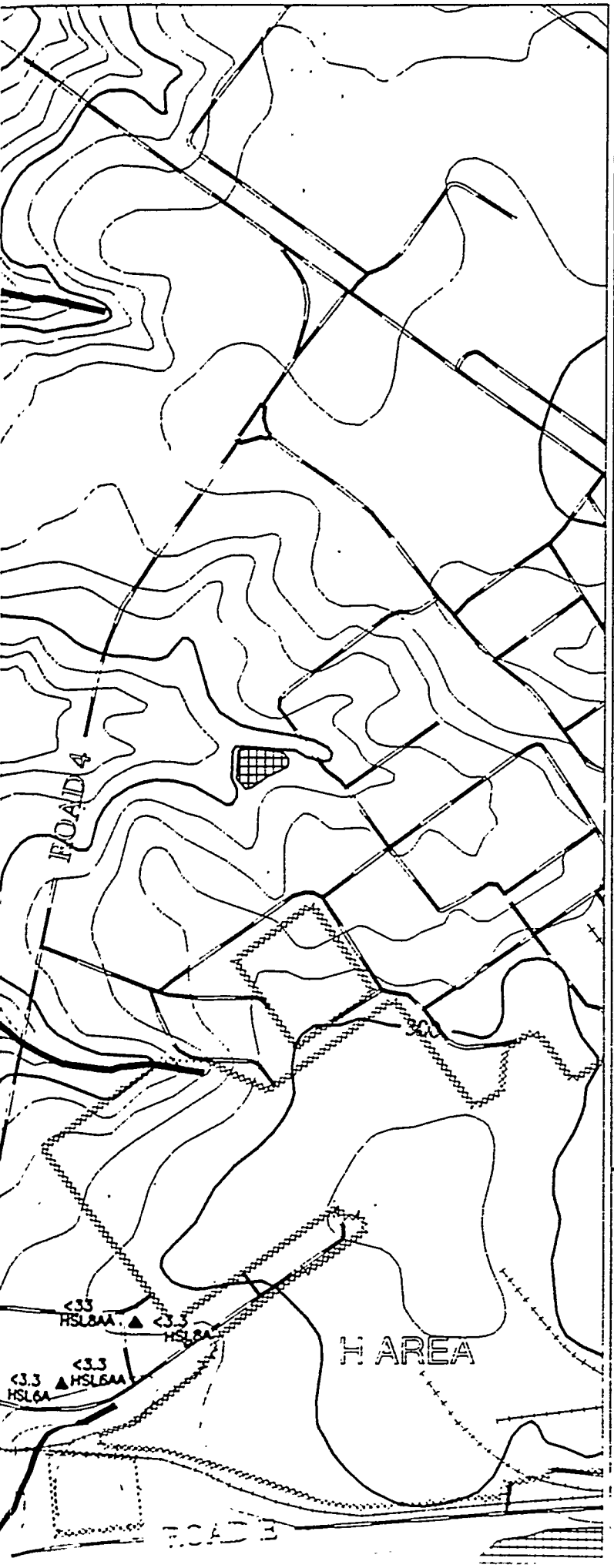

REFERENCE DOCUMENT

WSRC-TR-95-0146-2 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-2 H-Area Seepage Basins Groundwater Monitoring Report

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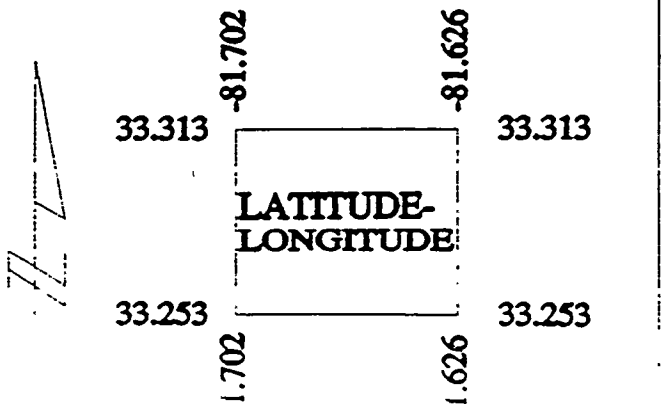
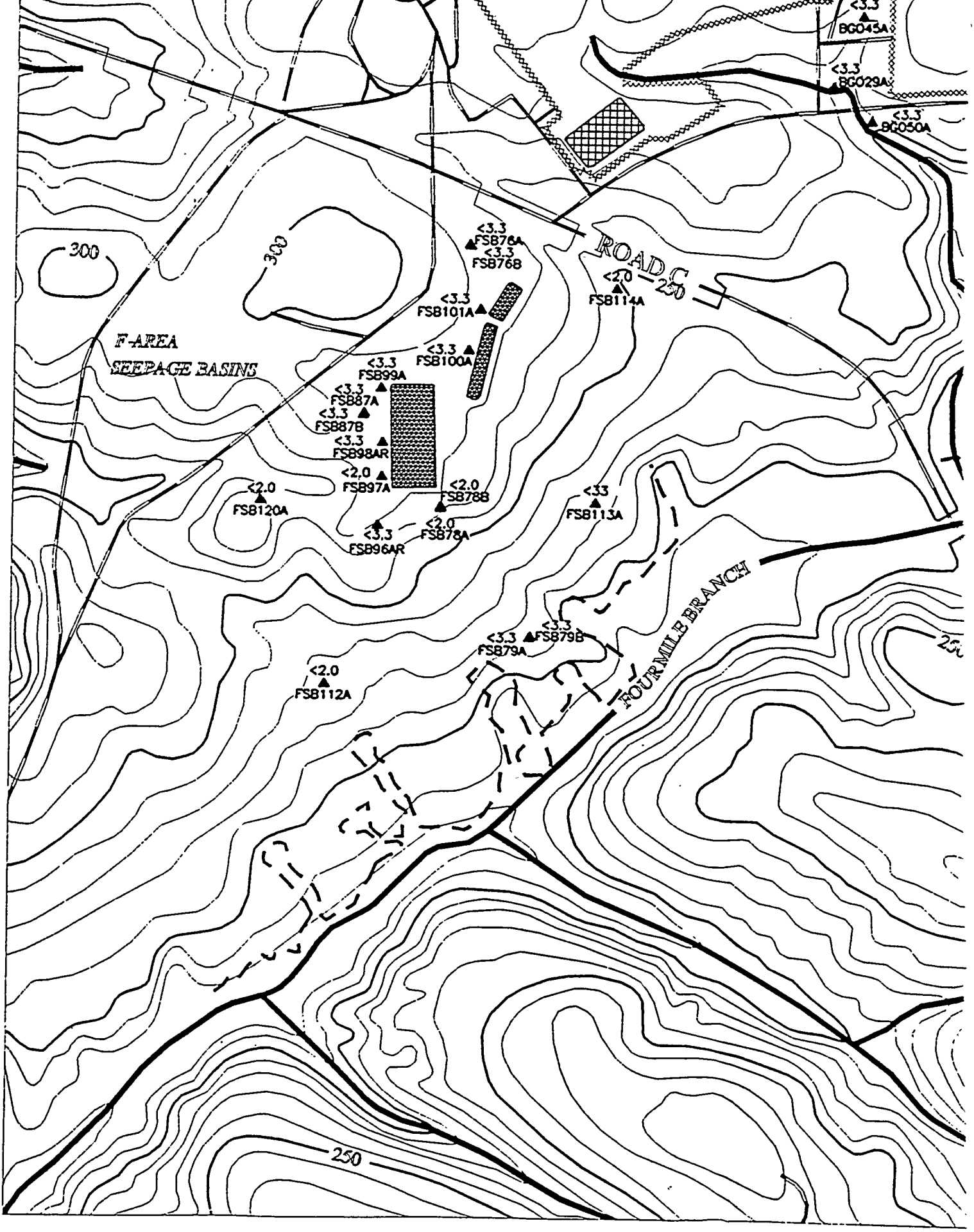
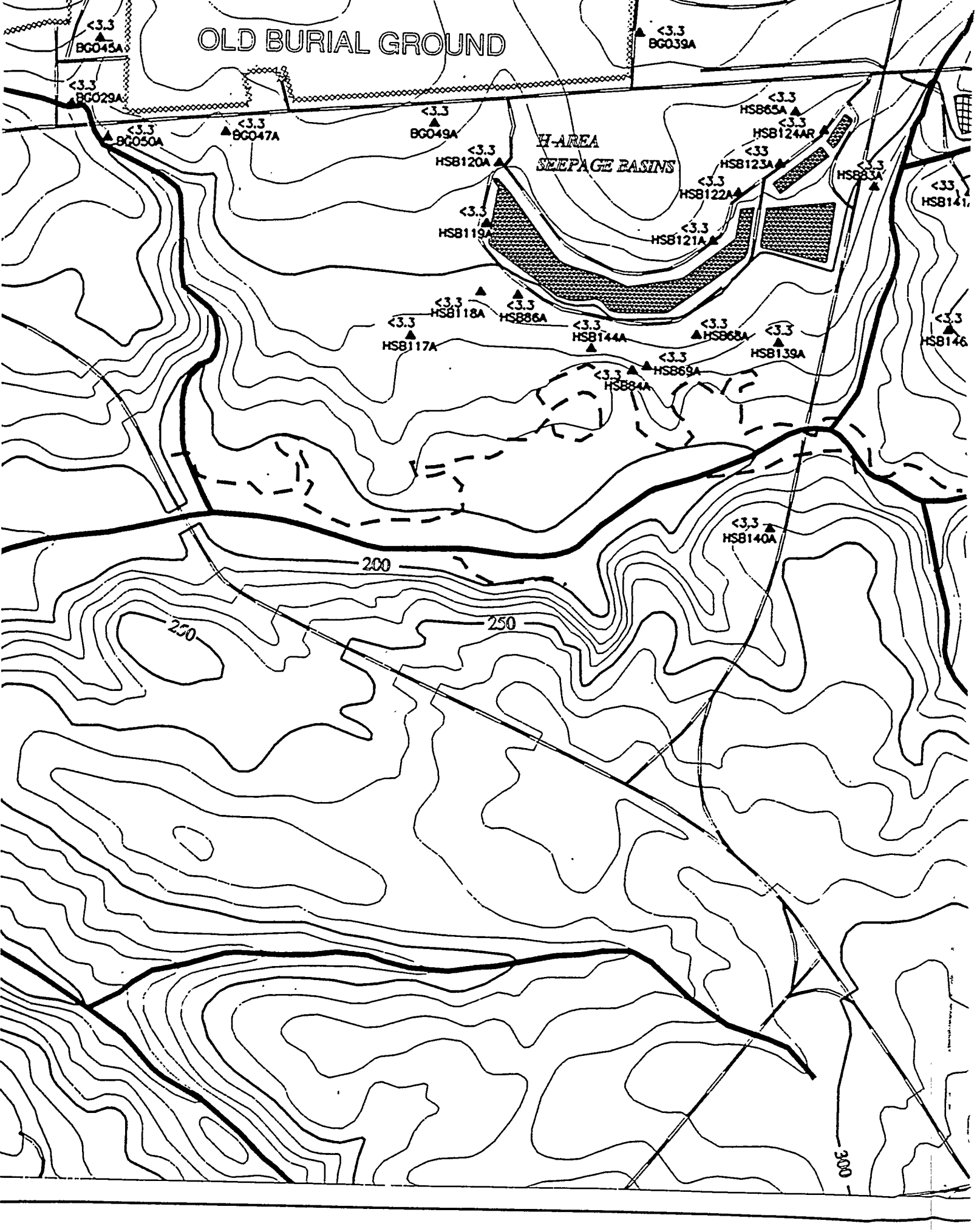
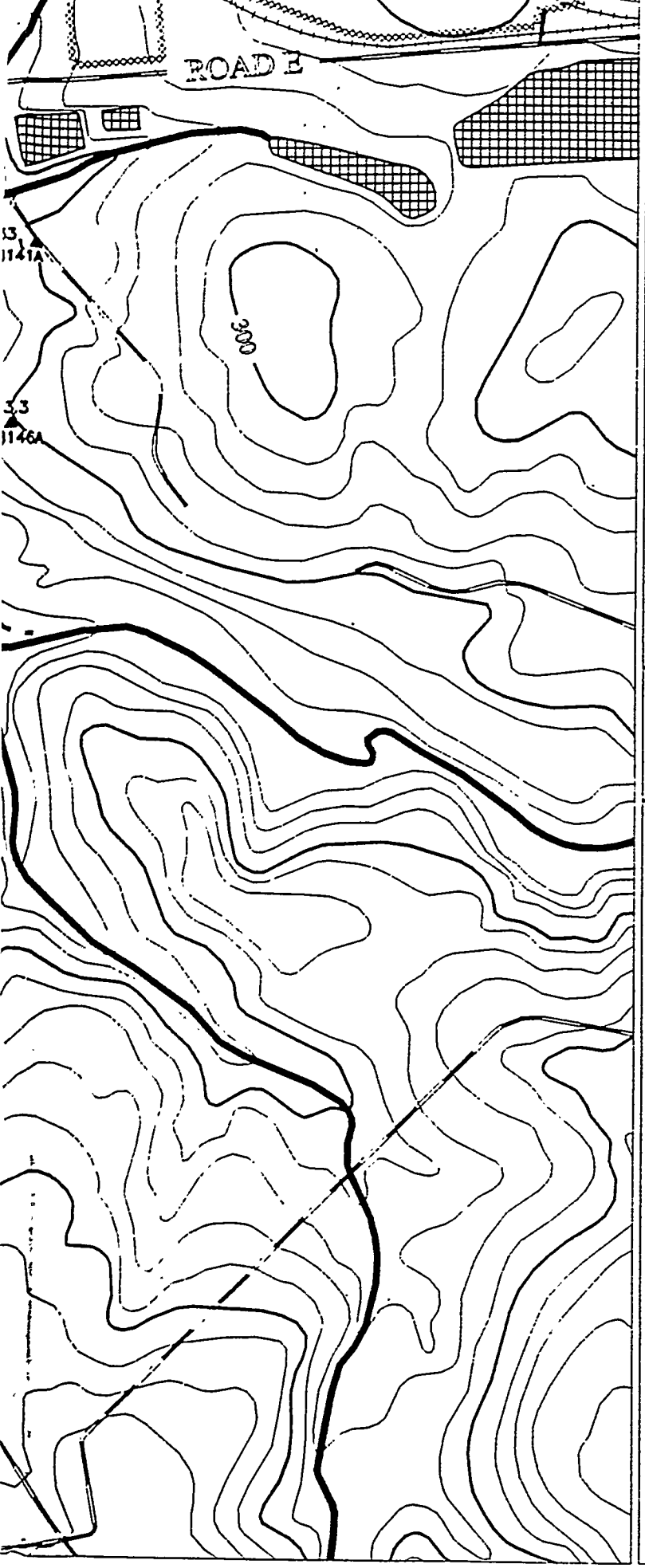
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL




<3.3
BG045A
<3.3
BG029A
<3.3
BG050A
300
300
<3.3
FSB76A
<3.3
FSB76B
ROAD C
<2.0
FSB114A
250
<3.3
FSB101A
F-AREA
SEEPAGE BASINS
<3.3
FSB100A
<3.3
FSB99A
<3.3
FSB87A
<3.3
FSB87B
<3.3
FSB98AR
<2.0
FSB97A
<2.0
FSB120A
<2.0
FSB78B
<2.0
FSB78A
<3.3
FSB96AR
<3.3
FSB113A
<3.3
FSB79B
<3.3
FSB79A
FOUR MILE BRANCH
<2.0
FSB112A
250


OLD BURIAL GROUND
H-AREA
SEEPAGE BASINS
<3.3 BG045A
<3.3 BG029A
<3.3 BG050A
<3.3 BG047A
<3.3 BG049A
<3.3 BG039A
<3.3 HSB120A
<3.3 HSB119A
<3.3 HSB118A
<3.3 HSB86A
<3.3 HSB117A
<3.3 HSB144A
<3.3 HSB68A
<3.3 HSB139A
<3.3 HSB69A
<3.3 HSB84A
<3.3 HSB65A
<3.3 HSB124AR
<33 HSB123A
<3.3 HSB122A
<3.3 HSB121A
<3.3 HSB83A
<3.3 HSB140A
200
250
250
300



33.253 33.253

-81.702 -81.626

0 900 1800 2700

Scale 1:900 FT
1:274 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 1st QUARTER '95

AQUIFER:

CONGAREE

CONSTITUENT:

CADMIUM

GWPS = 10 ug/L

"NS" = Not Sampled

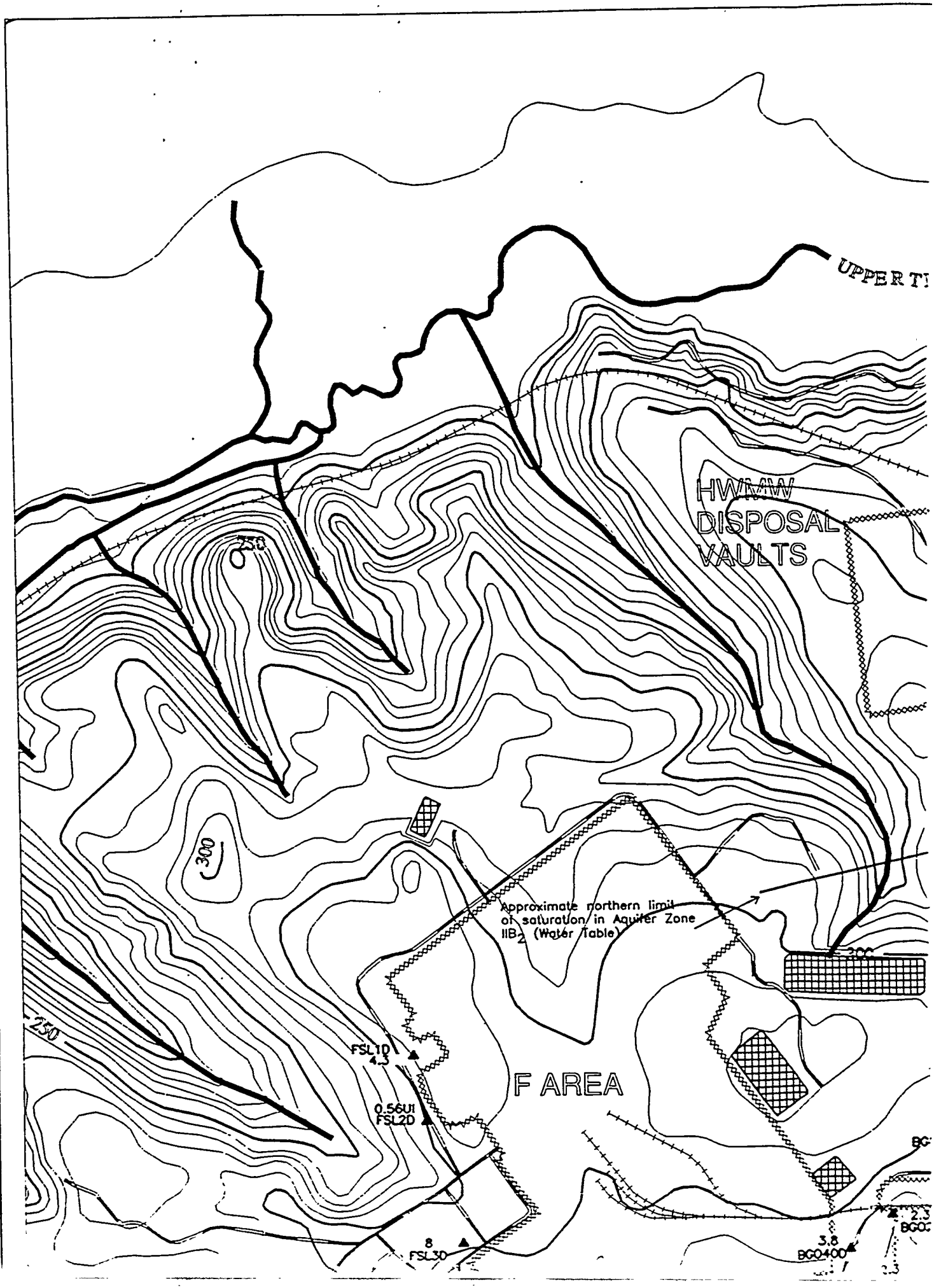
"*" = Wells Not Used to Contour

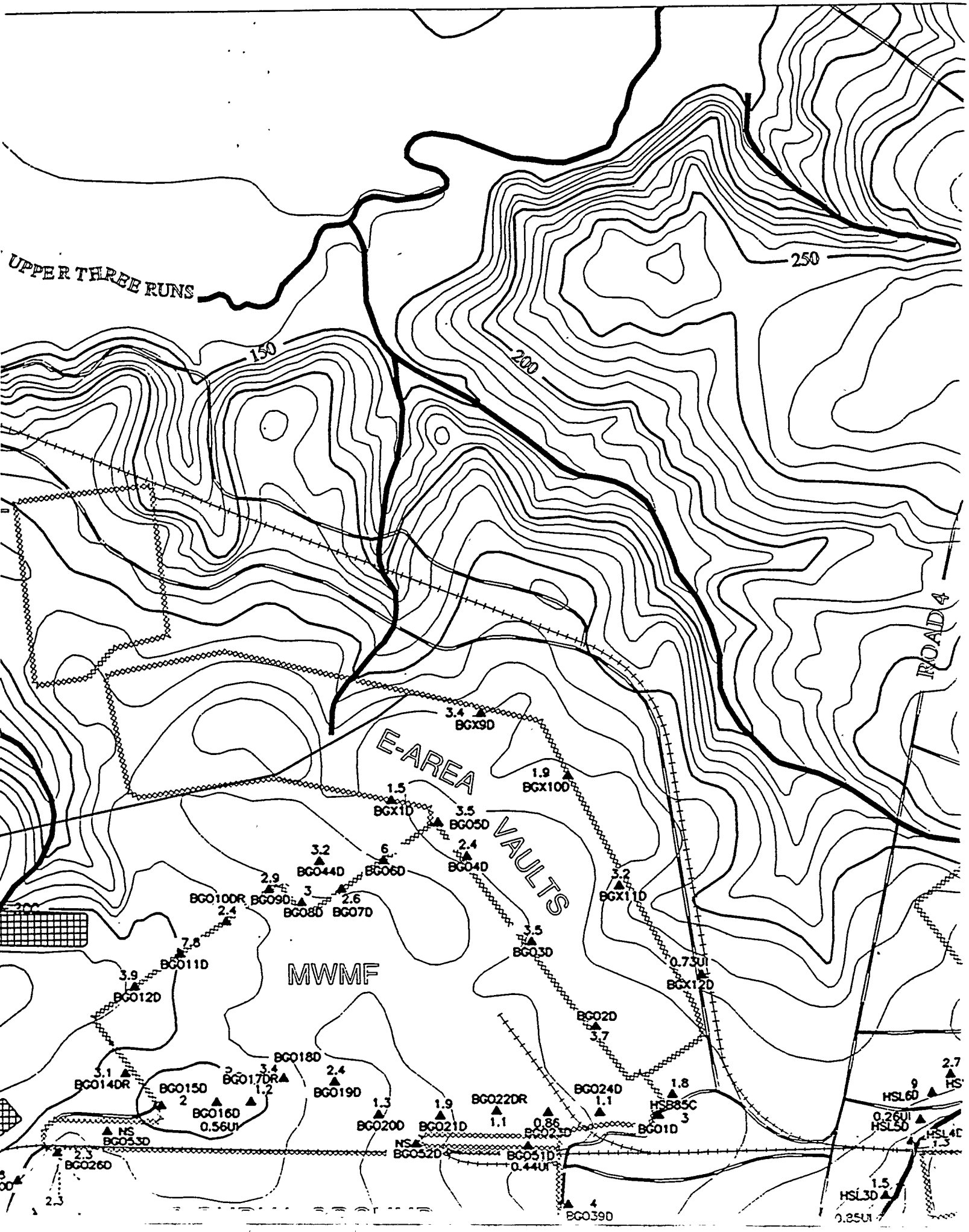
"NA" = Not Analyzed

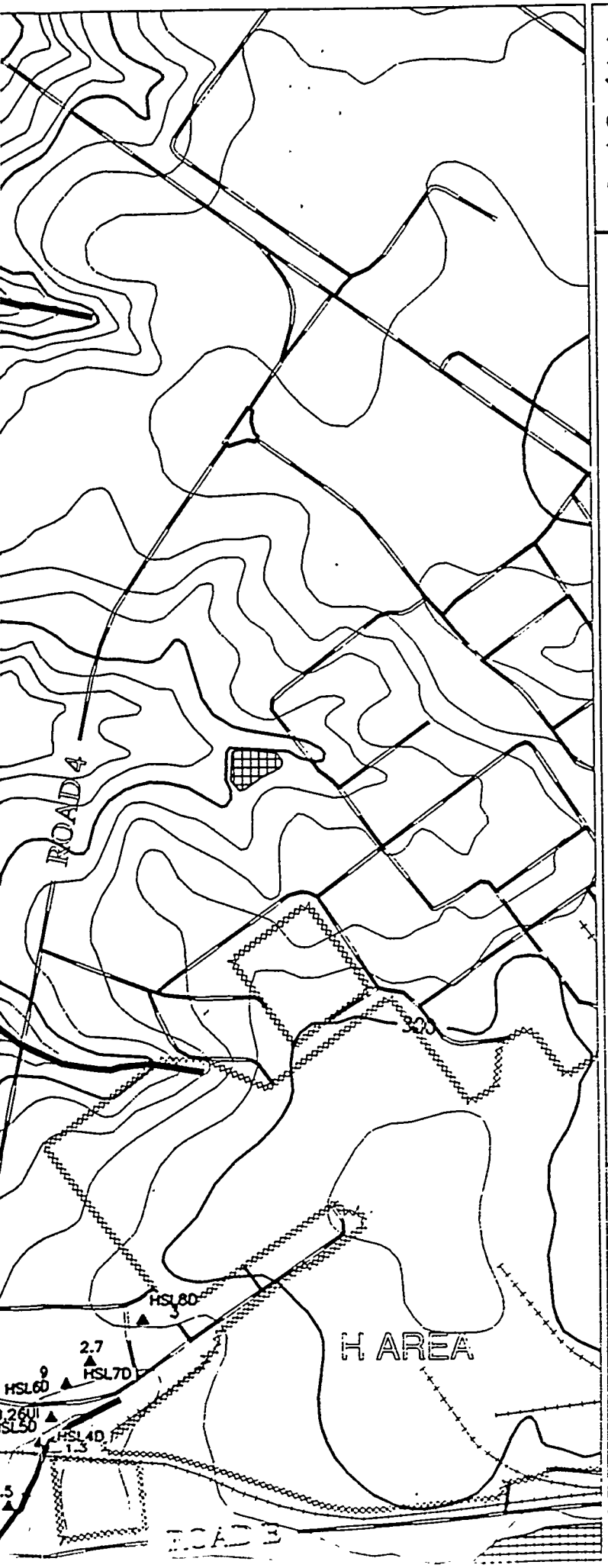
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 10, 20 ug/L

EPD GIS Lab (803)725-1417


UPPER T
HWMW
DISPOSAL
VAULTS
250
300
Approximate northern limit
of saturation in Aquifer Zone
IIB2 (Water Table)
250
FSL1D
4.3
F AREA
0.56UI
FSL2D
8
FSL30
3.8
BGO400
2.3
BGO


UPPER THREE RUNS
250
200
150
ROAD 4
E-AREA VAULTS
MWMF
3.4 BGX9D
1.9 BGX100
1.5 BGX1D
3.5 BGO5D
2.4 BGO4D
3.2 BGO44D
6 BGO6D
2.9 BGO100R
3 BGO9D
2.6 BGO7D
BGO8D
3.2 BGX11D
3.5 BGO3D
0.73UI BGX12D
BGO2D 3.7
2.4 BGO11D
7.6
3.9 BGO12D
BGO18D
3.1 BGO14DR
BGO15D 2
3.4 BGO17DR
1.2
2.4 BGO19D
BGO16D 0.56UI
NS BGO53D
2.3 BGO26D
1.3 BGO20D
1.9 BGO21D
BGO22DR 1.1
0.86 BGO23D
NS BGO52D
BGO51D 0.44UI
BGO24D 1.1
1.8 HSB85C 3
BGO1D
4 BGO39D
2.7
HSL6D 9
0.26UI HSL5D
HSL4D 1.3
1.5 HSL3D
0.85UI



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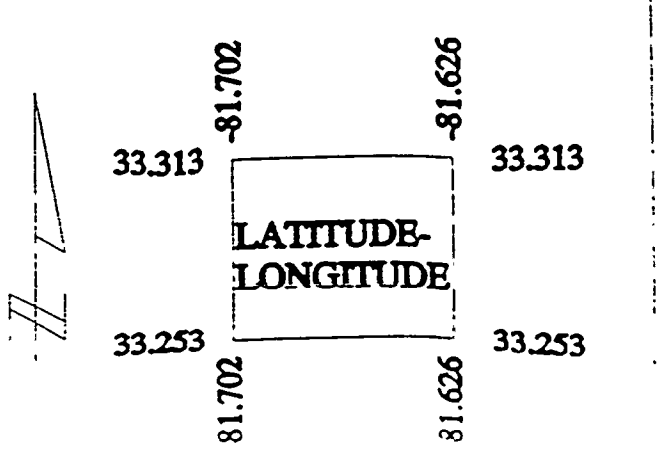
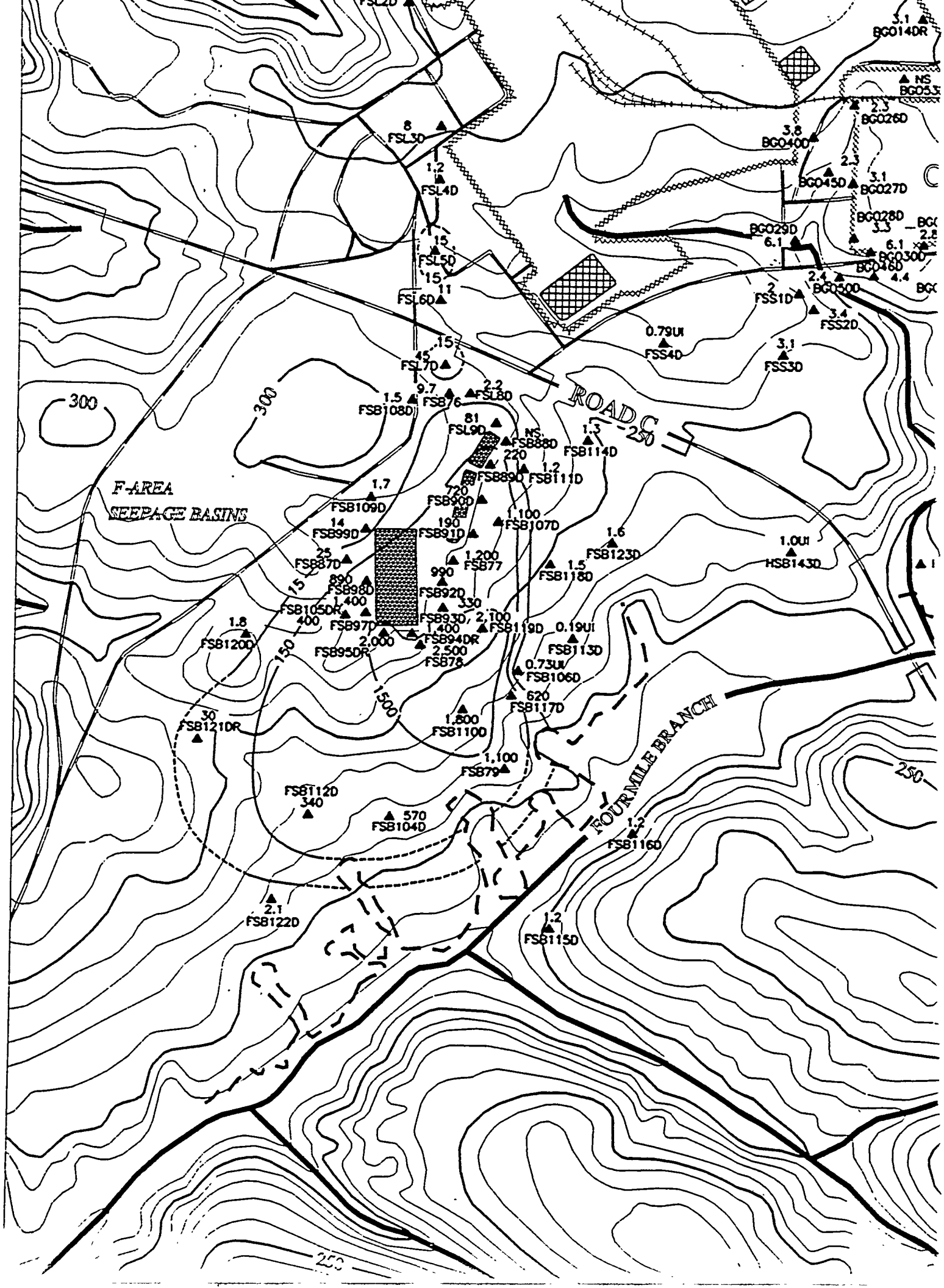
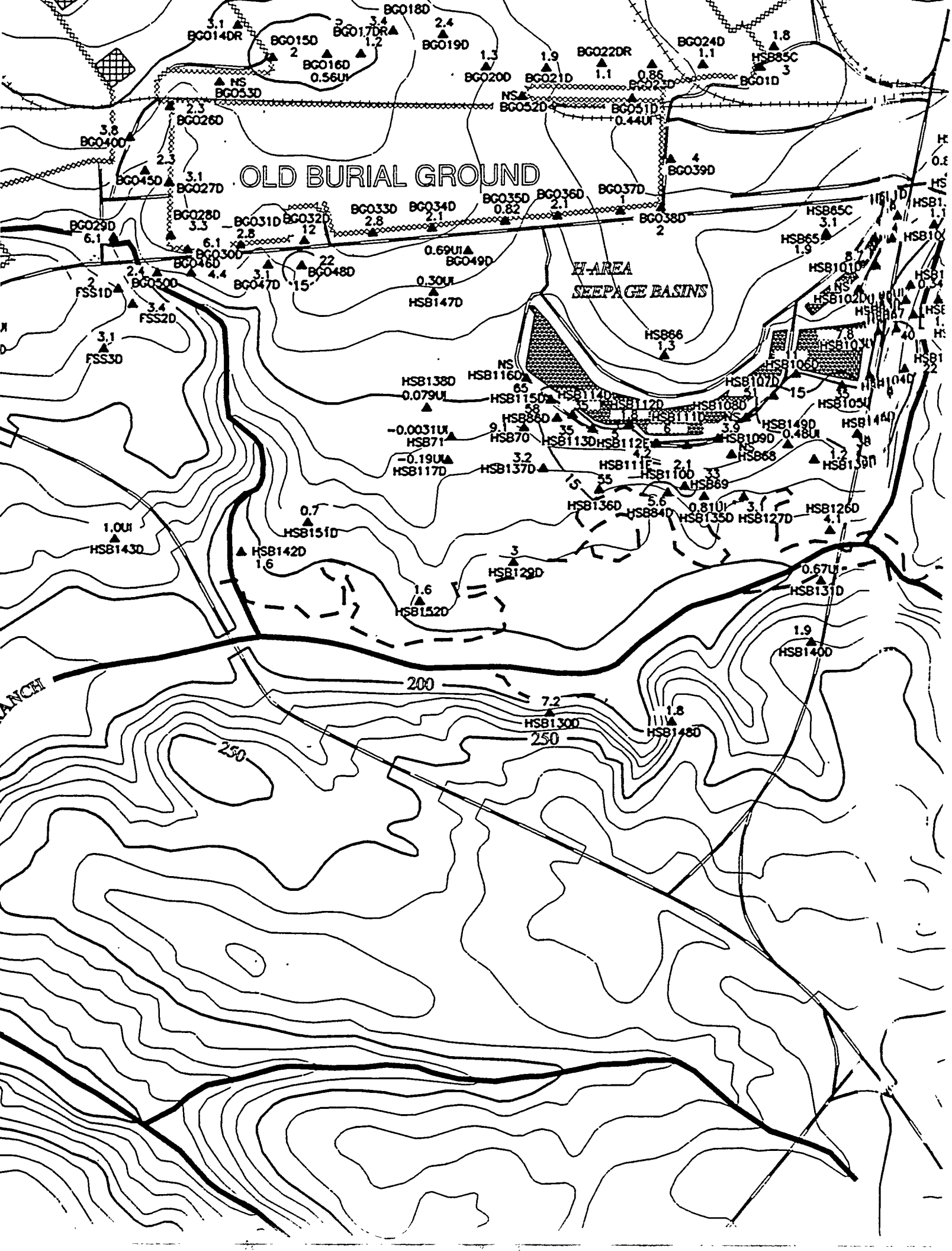
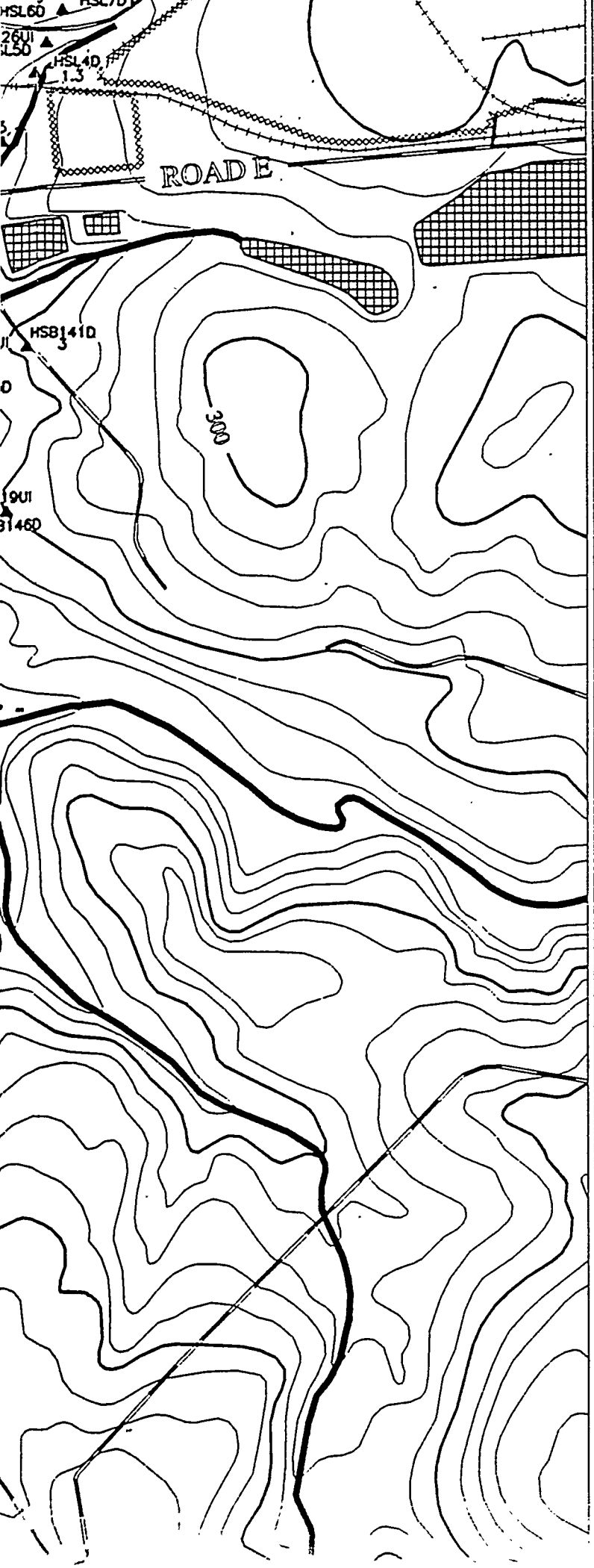
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL





F-AREA
SEEPAGE BASINS
ROAD C
FOURMILE BRANCH
300
250
150
1500
FSL2D
3.1
BG014DR
NS
BG053
2.3
BG026D
3.8
BG040D
2.3
BG045D
3.1
BG027D
BG028D
3.3
BG029D
6.1
6.1
BG030D
BG046D
4.4
2.4
BG050D
2
FSS1D
3.4
FSS2D
0.79UI
FSS4D
3.1
FSS3D
8
FSL3D
1.2
FSL4D
15
FSL5D
15
11
FSL6D
15
45
FSL7D
9.7
FSB76
2.2
FSL8D
1.5
FSB108D
81
FSL9D
NS
FSB88D
220
FSB89D
1.3
FSB114D
1.2
FSB111D
1.7
FSB109D
720
FSB90D
190
FSB91D
1,100
FSB107D
14
FSB99D
25
FSB87D
1,200
FSB77
990
FSB92D
330
FSB93D
2,100
FSB119D
1.6
FSB123D
1.5
FSB118D
1.0UI
HSB143D
890
FSB98D
1,400
FSB105DR
400
FSB97D
1,400
FSB94DR
2,000
FSB95DR
2,500
FSB78
1.8
FSB120D
0.19UI
FSB113D
0.73UI
FSB106D
620
FSB117D
1,800
FSB110D
30
FSB121DR
1,100
FSB79
FSB112D
340
570
FSB104D
1.2
FSB116D
2.1
FSB122D
1.2
FSB115D


OLD BURIAL GROUND
H-AREA
SEEPAGE BASINS
BG014DR
BG015D
BG016D
0.56UI
BG017DR
BG018D
BG019D
BG020D
BG021D
BG022DR
BG023D
BG024D
HSB85C
BG01D
BG053D
BG052D
BG051D
0.44UI
BG026D
BG040D
BG045D
BG027D
BG039D
BG028D
BG029D
BG030D
BG031D
BG032D
BG033D
BG034D
BG035D
BG036D
BG037D
BG038D
BG046D
BG047D
BG048D
BG049D
0.69UI
0.30UI
HSB147D
BG050D
FSS1D
FSS2D
FSS3D
HSB65C
HSB65
HSB101D
HSB102D
HSB66
HSB116D
HSB138D
0.079UI
HSB115D
HSB114D
HSB112D
HSB108D
HSB107D
HSB106D
HSB105D
HSB86D
HSB70
HSB113D
HSB112E
HSB111D
HSB149D
0.48UI
HSB109D
HSB68
HSB71
-0.0031UI
-0.19UI
HSB117D
HSB137D
HSB111E
HSB110D
HSB69
HSB136D
HSB84D
0.81UI
HSB135D
HSB127D
HSB126D
HSB151D
HSB143D
HSB142D
HSB129D
HSB152D
0.67UI
HSB131D
HSB140D
HSB130D
HSB148D
200
250
ANCH



LATITUDE-
LONGITUDE

33.253 33.253

-81.702 -81.626

0 900 1800 27(N)

Scale 1:900 FT
1:274 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 1st QUARTER '95

AQUIFER:

WATER TABLE

CONSTITUENT:

GROSS ALPHA

GWPS = 15 pCi/L

"NS" = Not Sampled

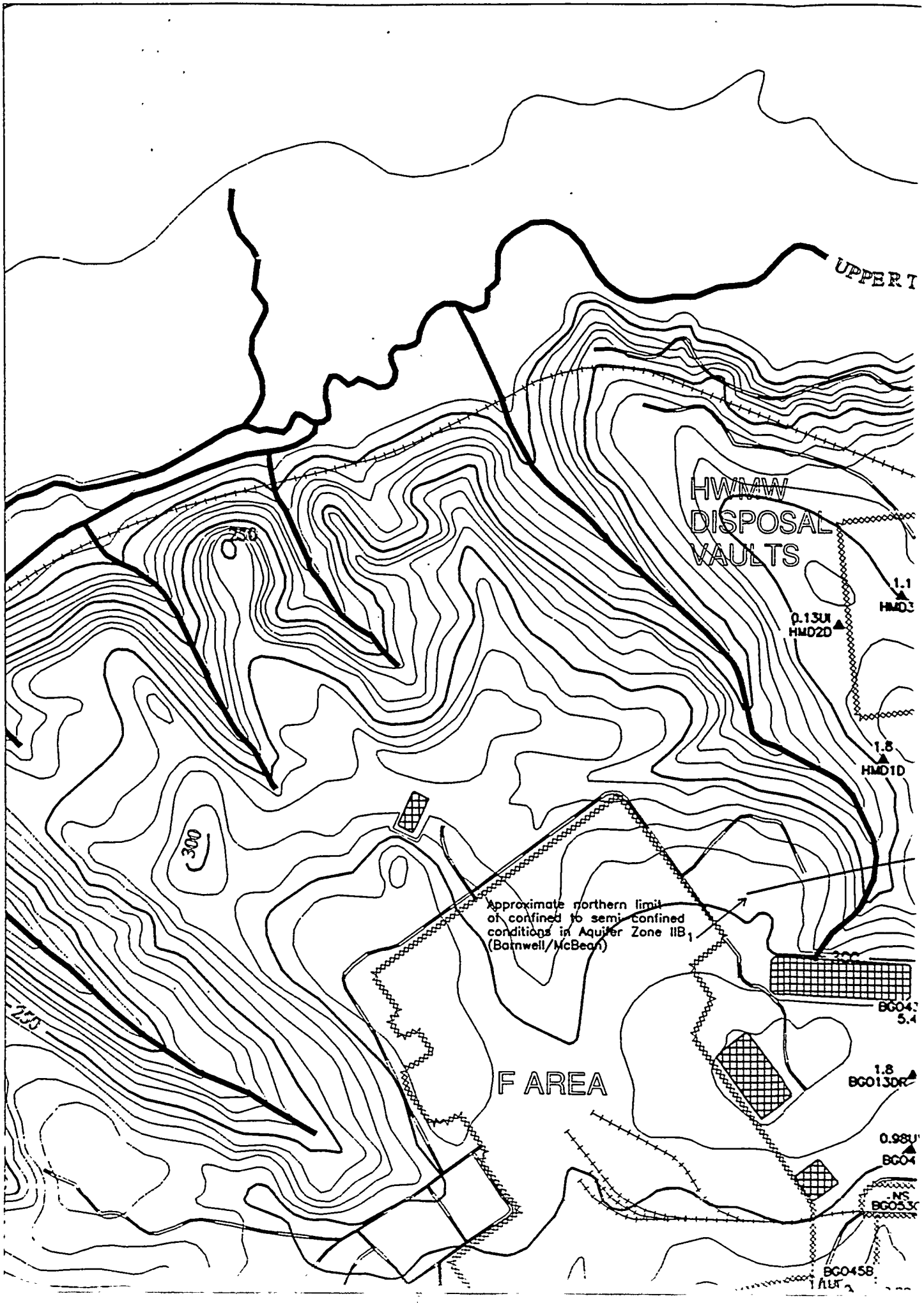
"*" = Wells Not Used to Contour

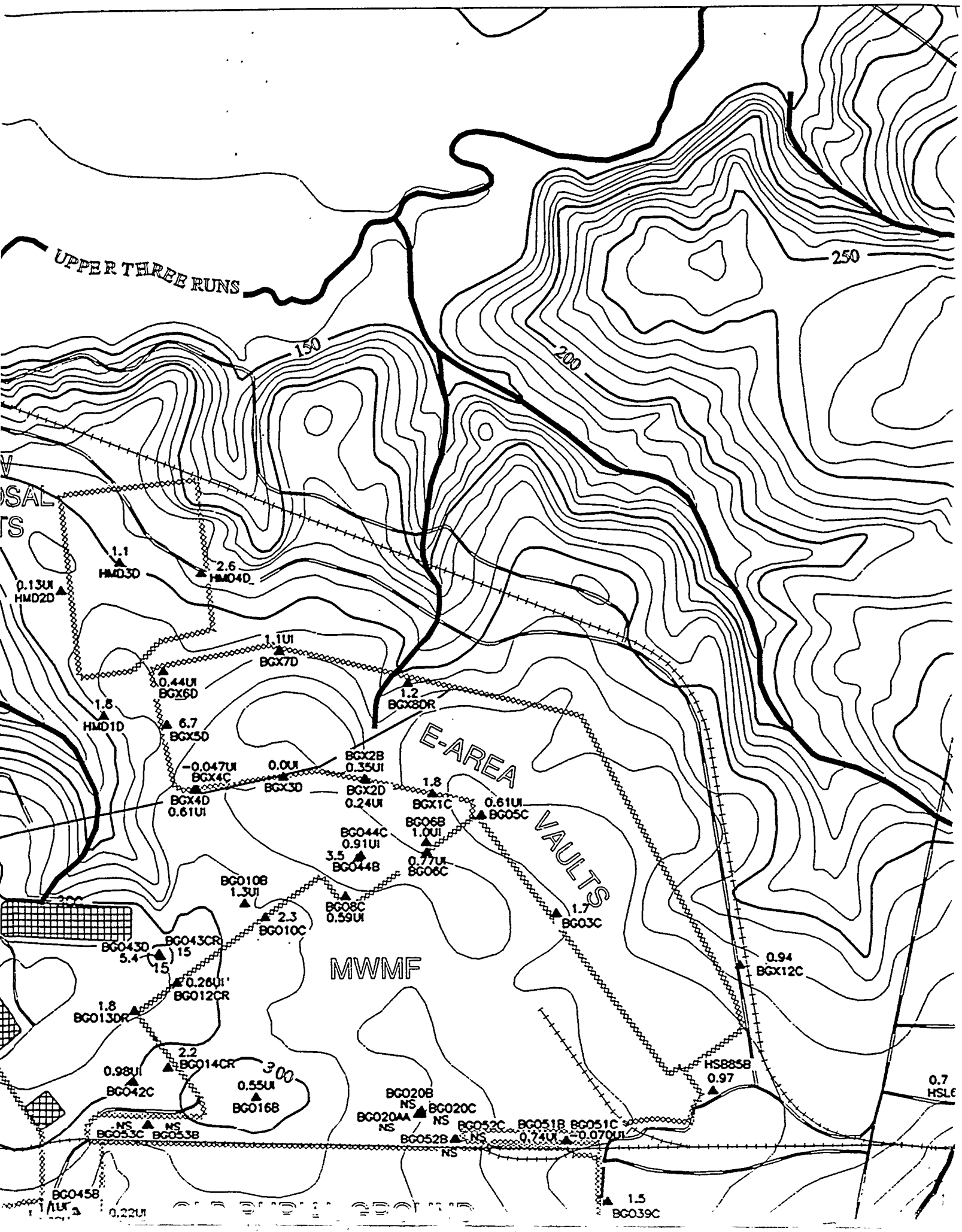
"NA" = Not Analyzed

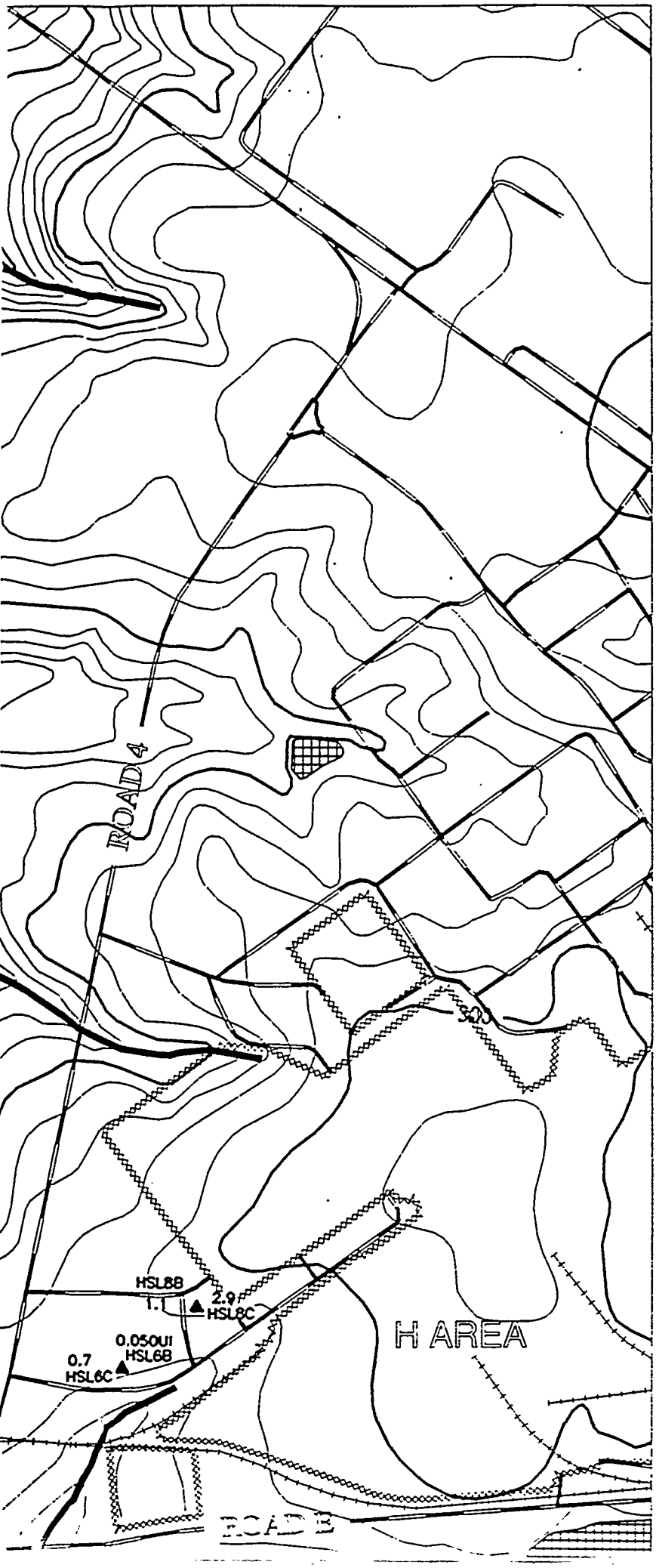
"UI" = Analyte Not Detected,
Value Is Instrument Reading

Contour Intervals at: 15, 150, 1500 pCi/L

EPD GIS Lab (803)725-1417


UPPER T
HWMW
DISPOSAL
VAULTS
250
300
250
1.1
HMD3
0.13UI
HMD2D
1.8
HMD1D
Approximate northern limit of confined to semi-confined conditions in Aquifer Zone IIB1 (Barnwell/McBean)
F AREA
1.8
BG0130R
0.98U
BG045B

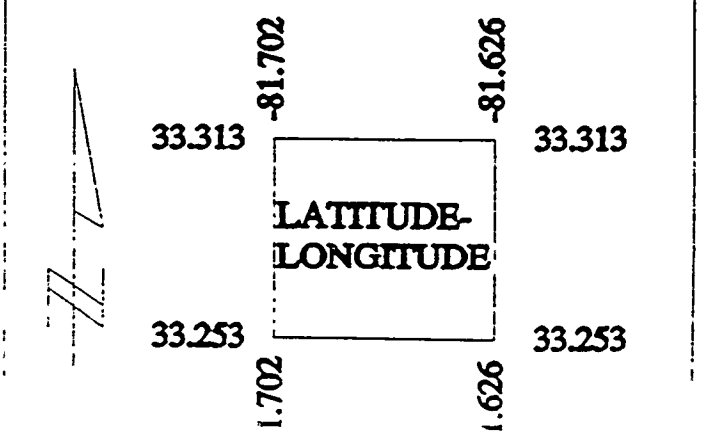

UPPER THREE RUNS
250
200
150
300
E-AREA VAULTS
MWMF
1.1
HMD3D
2.6
HMD4D
0.13UI
HMD2D
1.1UI
BGX7D
0.44UI
BGX6D
1.8
HMD1D
6.7
BGX5D
1.2
BGX8DR
-0.047UI
BGX4C
0.0UI
BGX3D
BGX2B
0.35UI
BGX4D
0.61UI
BGX2D
0.24UI
1.8
BGX1C
0.61UI
BG05C
BG06B
1.0UI
BG044C
0.91UI
3.5
BG044B
0.77UI
BG06C
BG010B
1.3UI
BG08C
0.59UI
2.3
BG010C
1.7
BG03C
BG043D
5.4
BG043CR
15
15
0.94
BGX12C
0.26UI
BG012CR
1.8
BG013DR
2.2
BG014CR
0.98UI
BG042C
0.55UI
BG016B
HSB85B
0.97
0.7
HSLE
BG020B
NS
BG020C
BG020AA
NS
NS
BG052C
BG051B
BG051C
NS
0.74UI
-0.070UI
BG052B
NS
NS
BG053C
NS
BG053B
BG045B
0.22UI
1.5
BG039C

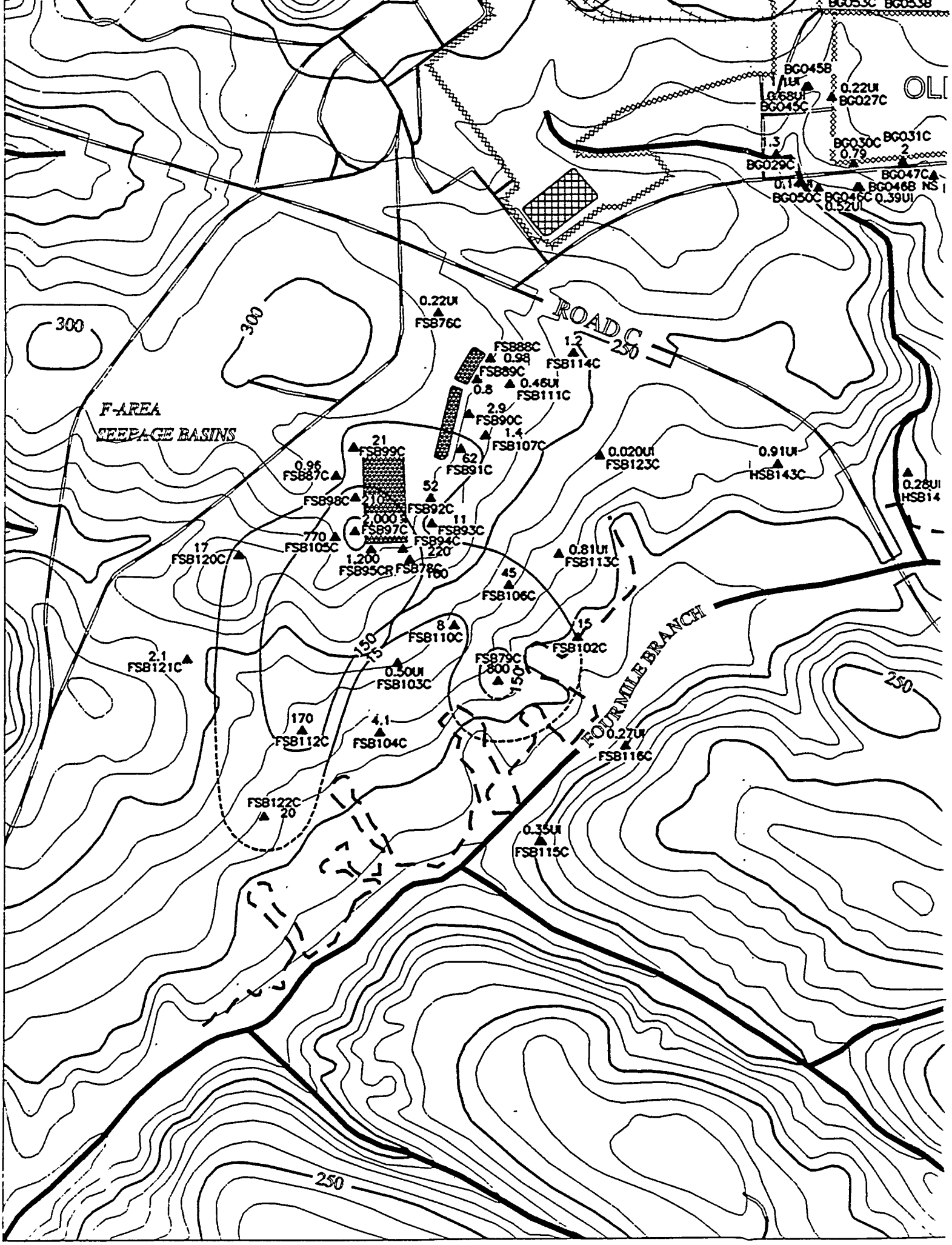


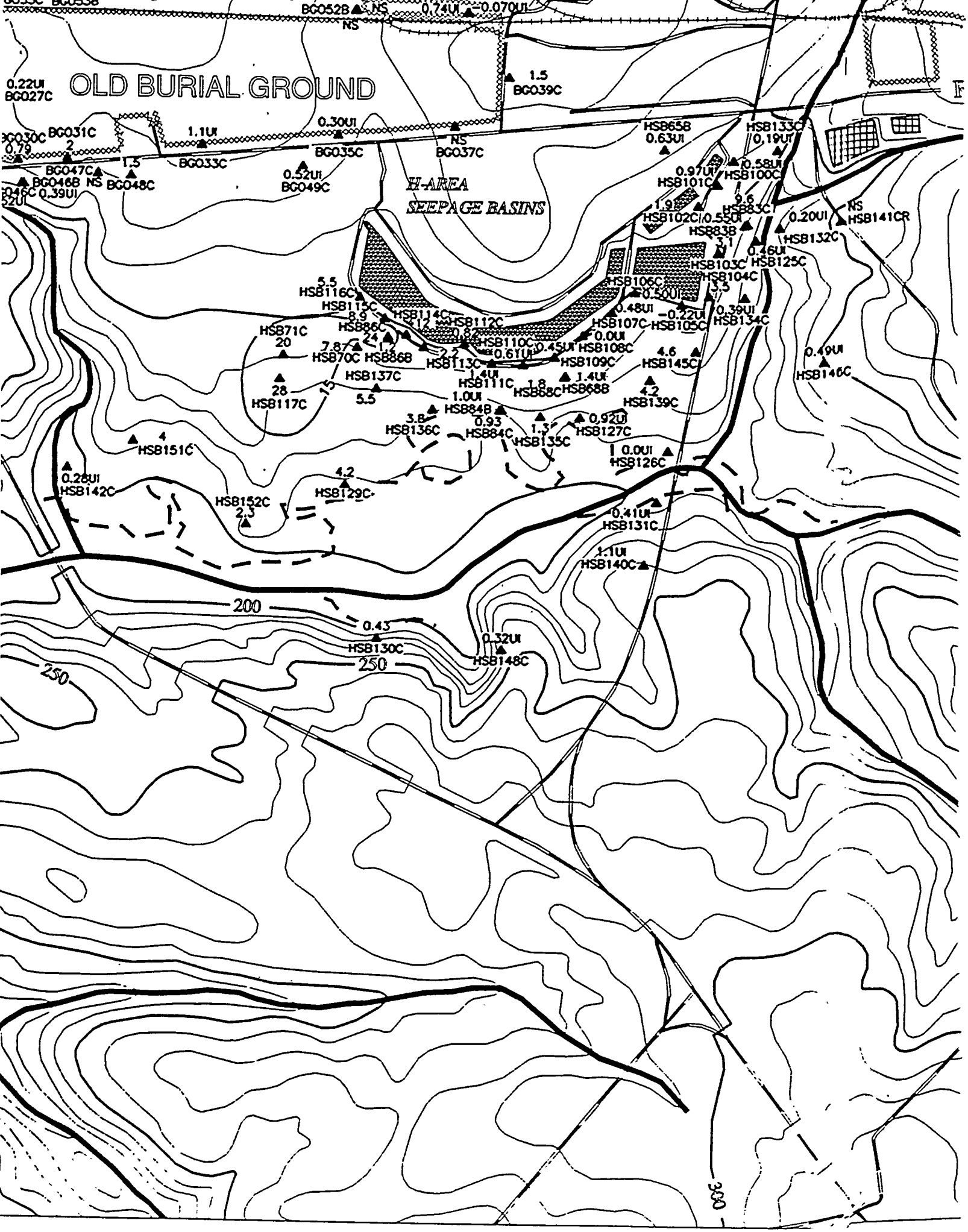
REFERENCE DOCUMENT

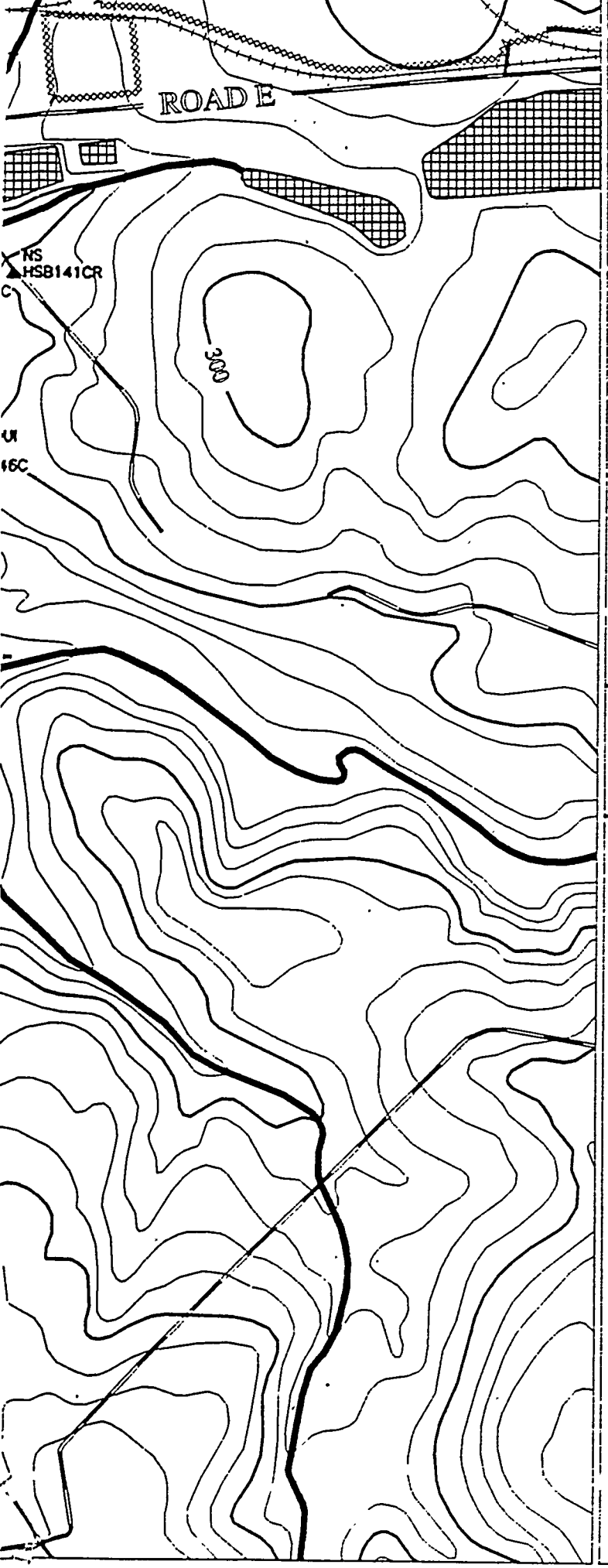
WSRC-TR-95-0146-2 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-2 H-Area Seepage Basins Groundwater Monitoring Report

- 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




F-AREA
SEEPAGE BASINS
ROAD C
FOUR MILE BRANCH
300
250
BG045B
BG045C
BG027C
BG030C
BG031C
BG029C
BG047C
BG046B
BG050C
BG046C
FSB76C
FSB88C
FSB89C
FSB114C
FSB111C
FSB90C
FSB107C
FSB99C
FSB91C
FSB123C
HSB143C
FSB87C
FSB98C
FSB92C
FSB97C
FSB93C
FSB94C
FSB105C
FSB120C
FSB95CR
FSB78C
FSB106C
FSB113C
FSB110C
FSB102C
FSB121C
FSB103C
FSB879C
FSB112C
FSB104C
FSB116C
FSB122C
FSB115C


OLD BURIAL GROUND
H-AREA
SEEPAGE BASINS
BG052B
NS
0.74UI
0.070UI
0.22UI
BG027C
1.5
BG039C
BG030C
0.79
BG031C
2
1.1UI
0.30UI
NS
BG037C
HSB658
0.63UI
HSB133C
0.19UI
BG047C
1.5
BG033C
BG035C
BG046B
NS
BG048C
0.52UI
BG049C
0.97UI
HSB101C
0.58UI
HSB100C
1.9
HSB102C
0.55UI
9.6
HSB83C
NS
HSB141CR
0.20UI
HSB132C
HSB83B
3.1
HSB103C
0.46UI
HSB125C
HSB104C
5.5
HSB116C
HSB106C
0.50UI
3.5
HSB115C
8.9
HSB114C
HSB112C
0.48UI
0.22UI
0.39UI
HSB134C
HSB86C
HSB107C
HSB105C
HSB71C
20
0.87
HSB110C
0.0UI
HSB108C
7.87
HSB70C
HSB86B
HSB113C
0.61UI
0.45UI
HSB109C
4.6
HSB145C
0.49UI
HSB146C
HSB137C
1.4UI
HSB111C
1.8
1.4UI
28
HSB117C
5.5
1.0UI
HSB88C
HSB88B
4.2
HSB139C
HSB84B
3.8
HSB136C
0.93
HSB84C
1.3
0.92UI
HSB127C
HSB135C
4
HSB151C
0.0UI
HSB126C
0.28UI
HSB142C
4.2
HSB129C
HSB152C
2.3
0.41UI
HSB131C
1.1UI
HSB140C
200
0.43
HSB130C
0.32UI
HSB148C
250
250
300



33.253 33.253

-81.702 -81.626

0 900 1800 2700

Scale 1:900 FT
1:274 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 1st QUARTER '95

AQUIFER:

BARNWELL/McBEAN

CONSTITUENT:

GROSS ALPHA

GWPS = 15 pCi/L

"NS" = Not Sampled

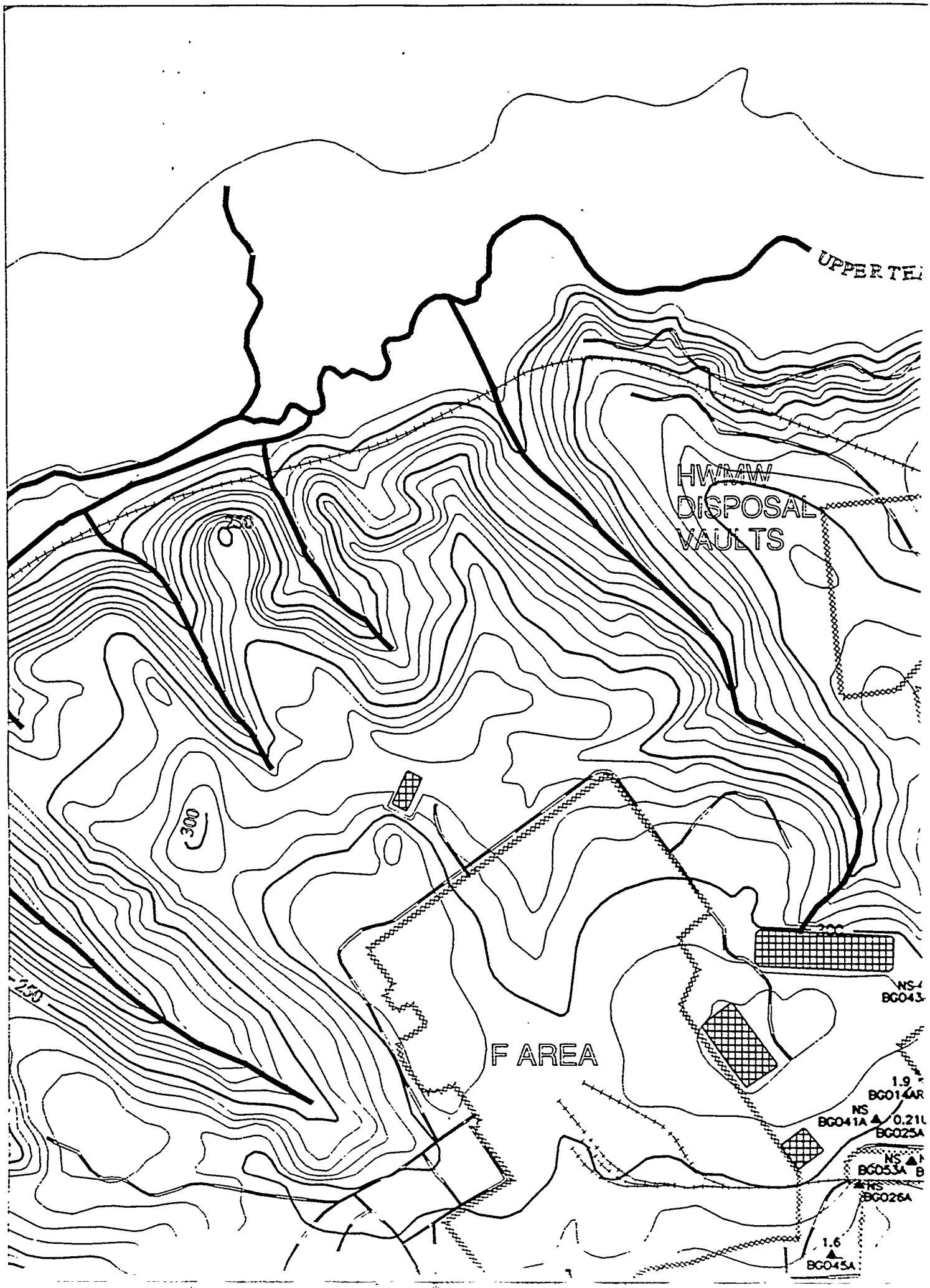
"*" = Wells Not Used to Contour

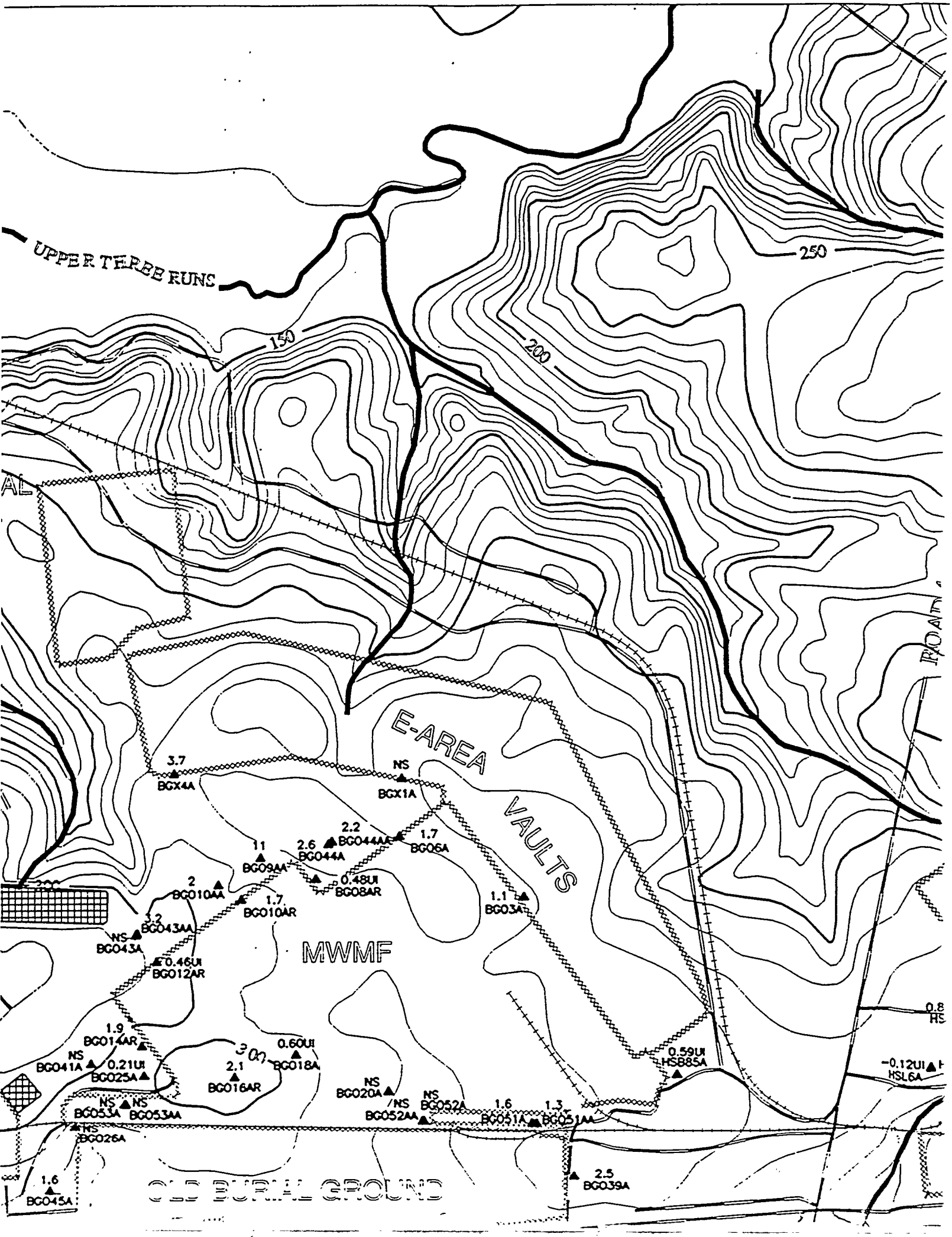
"NA" = Not Analyzed

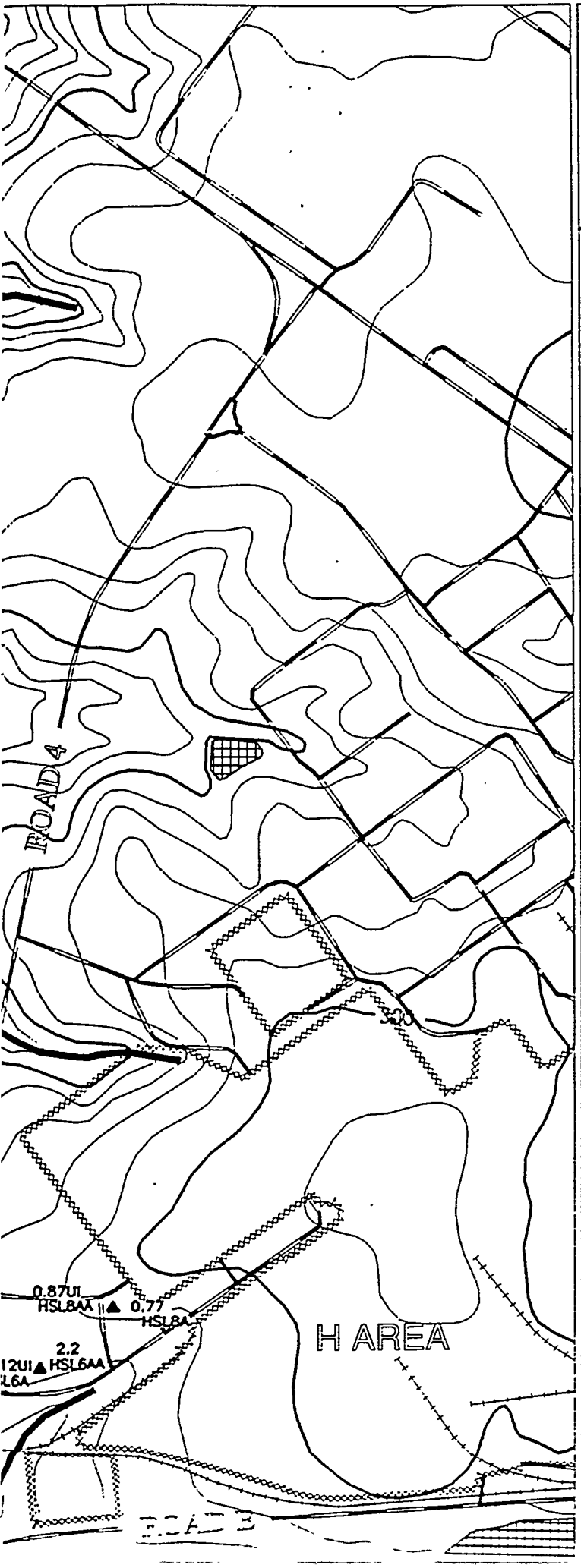
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 15, 150, 1500 pCi/L

EPD GIS Lab (803)725-1417


UPPER TEL
HW/MW
DISPOSAL
VAULTS
250
300
250
F AREA
NS-
BG043
1.9
BG014AR
NS
BG041A
0.21
BG025A
NS
BG053A
NS
BG026A
1.6
BG045A

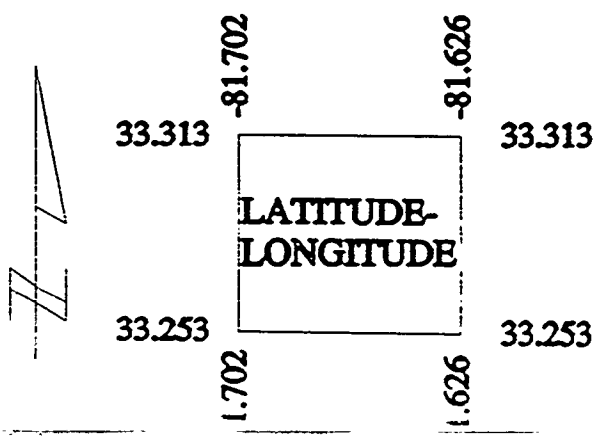

UPPER THREE RUNS
250
150
200
E-AREA VAULTS
MWMF
OLD BURIAL GROUND
3.7 BGX4A
NS BGX1A
2.2 BGO44AA
2.6 BGO44A
1.7 BGO6A
11 BGO9AA
0.48UI BGO8AR
2 BGO10AA
1.7 BGO10AR
1.1 BGO3A
3.2 BGO43AA
NS BGO43A
0.46UI BGO12AR
1.9 BGO14AR
NS BGO41A
0.21UI BGO25A
2.1 BGO16AR
0.60UI BGO18A
NS BGO53A
NS BGO53AA
NS BGO26A
NS BGO20A
NS BGO52AA
NS BGO52A
1.6 BGO51A
1.3 BGO51AA
0.59UI HSB85A
-0.12UI HSL6A
1.6 BGO45A
2.5 BGO39A

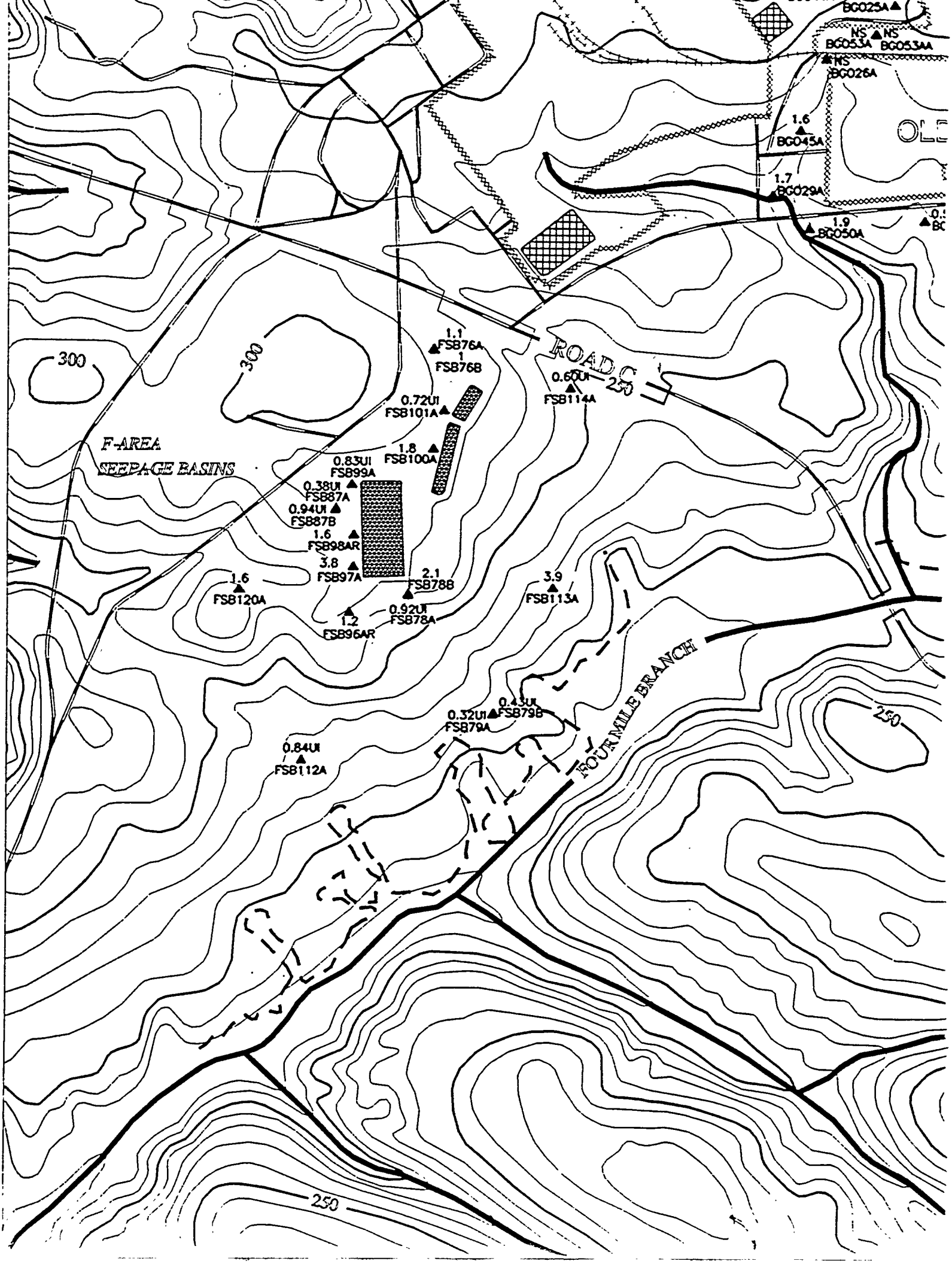


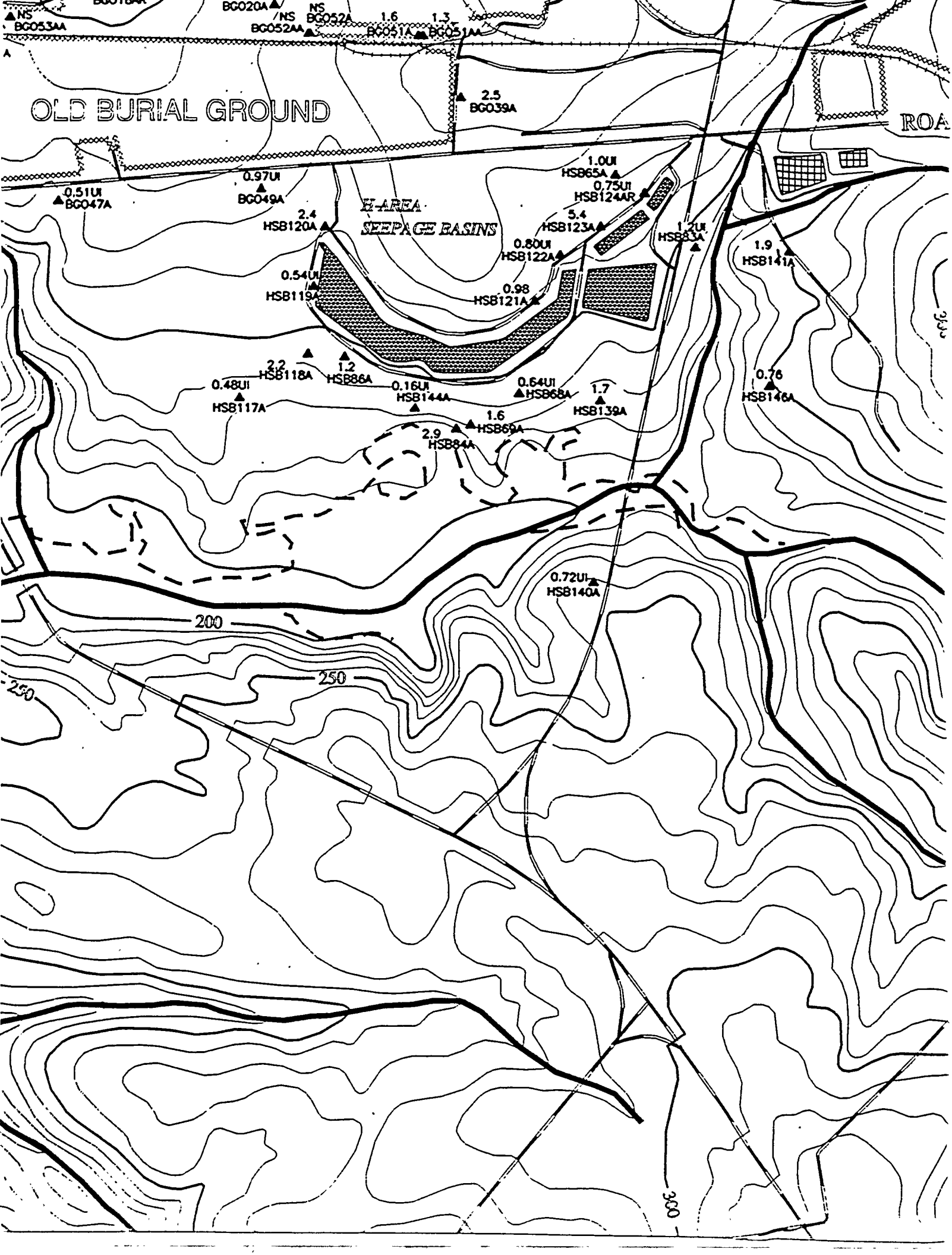
REFERENCE DOCUMENT

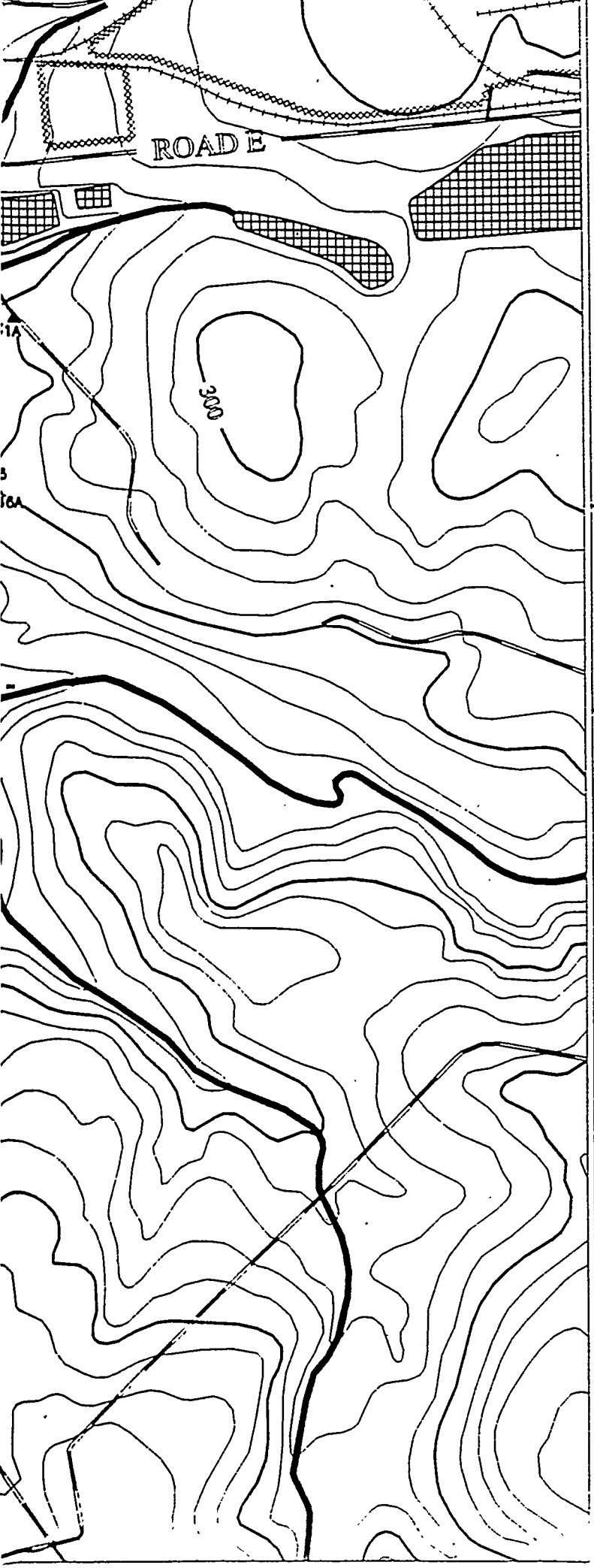
WSRC-TR-95-0146-2 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-2 H-Area Seepage Basins Groundwater Monitoring Report

- 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




BG025A
NS BG053A
NS BG053AA
NS BG026A
1.6 BG045A
1.7 BG029A
1.9 BG050A
1.1 FSB76A
1 FSB76B
0.60UI FSB114A
0.72UI FSB101A
1.8 FSB100A
0.83UI FSB99A
0.38UI FSB87A
0.94UI FSB87B
1.6 FSB98AR
3.8 FSB97A
2.1 FSB78B
1.6 FSB120A
1.2 FSB96AR
0.92UI FSB78A
3.9 FSB113A
0.43UI FSB79B
0.32UI FSB79A
0.84UI FSB112A
F-AREA SEEPAGE BASINS
ROAD C
FOUR MILE BRANCH
300
300
250
250


OLD BURIAL GROUND
H-AREA
SEEPAGE BASINS
NS
BG053AA
NS
BG052AA
NS
BG052A
1.6
BG051A
1.3
BG051AA
2.5
BG039A
0.97UI
BG049A
0.51UI
BG047A
2.4
HSB120A
1.0UI
HSB65A
0.75UI
HSB124AR
5.4
HSB123A
1.2UI
HSB83A
1.9
HSB141A
0.80UI
HSB122A
0.54UI
HSB119A
0.98
HSB121A
2.2
HSB118A
1.2
HSB86A
0.48UI
HSB117A
0.16UI
HSB144A
0.64UI
HSB68A
1.7
HSB139A
0.76
HSB146A
1.6
HSB69A
2.9
HSB84A
0.72UI
HSB140A
200
250
250
300



LATITUDE-
LONGITUDE

33.253 33.253

-81.702 -81.626

0 900 1800 2700

Scale 1:900 FT
1:274 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 1st QUARTER '95

AQUIFER:

CONGAREE

CONSTITUENT:

GROSS ALPHA

GWPS = 15 pCi/L

"NS" = Not Sampled

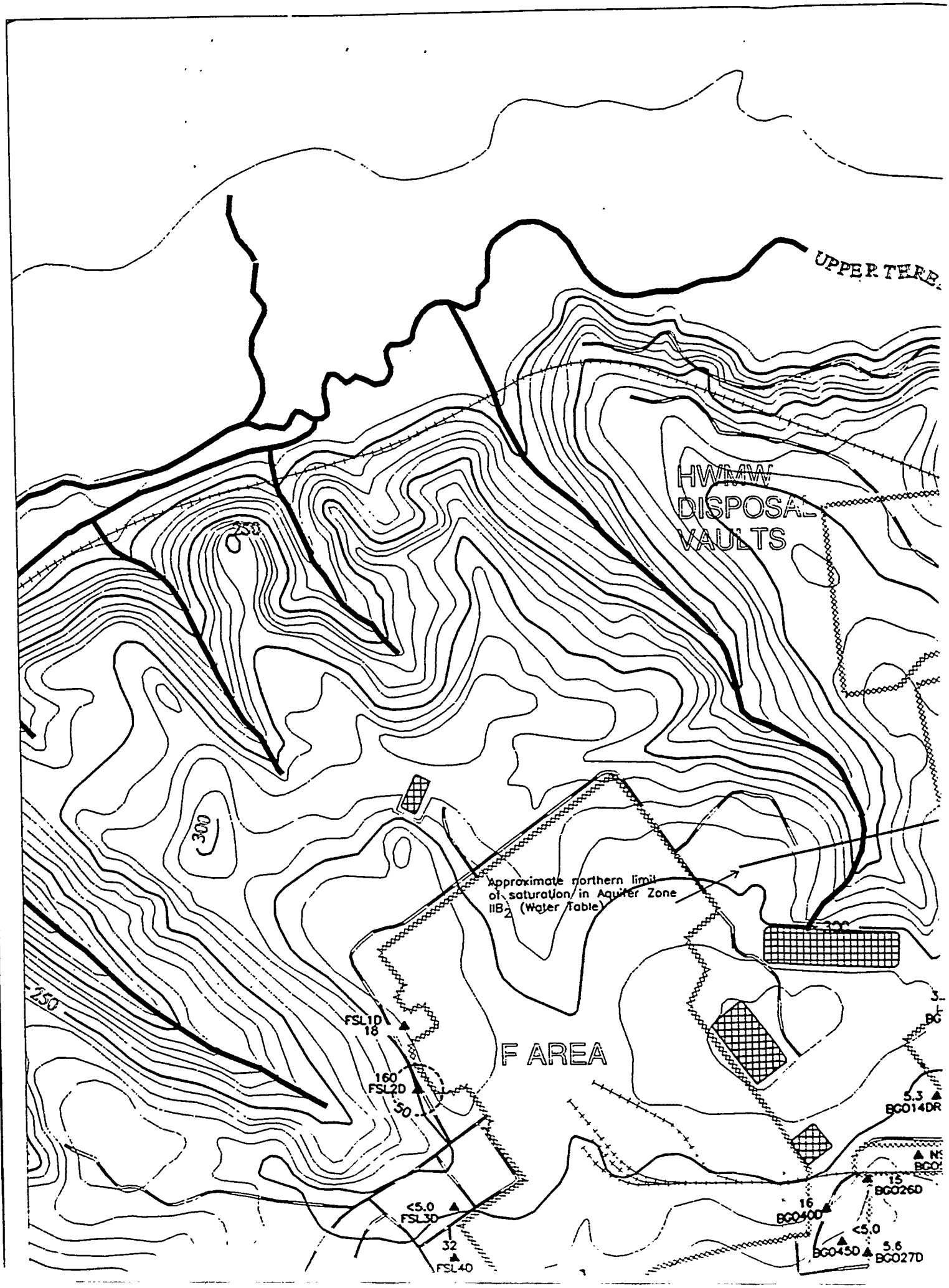
"*" = Wells Not Used to Contour

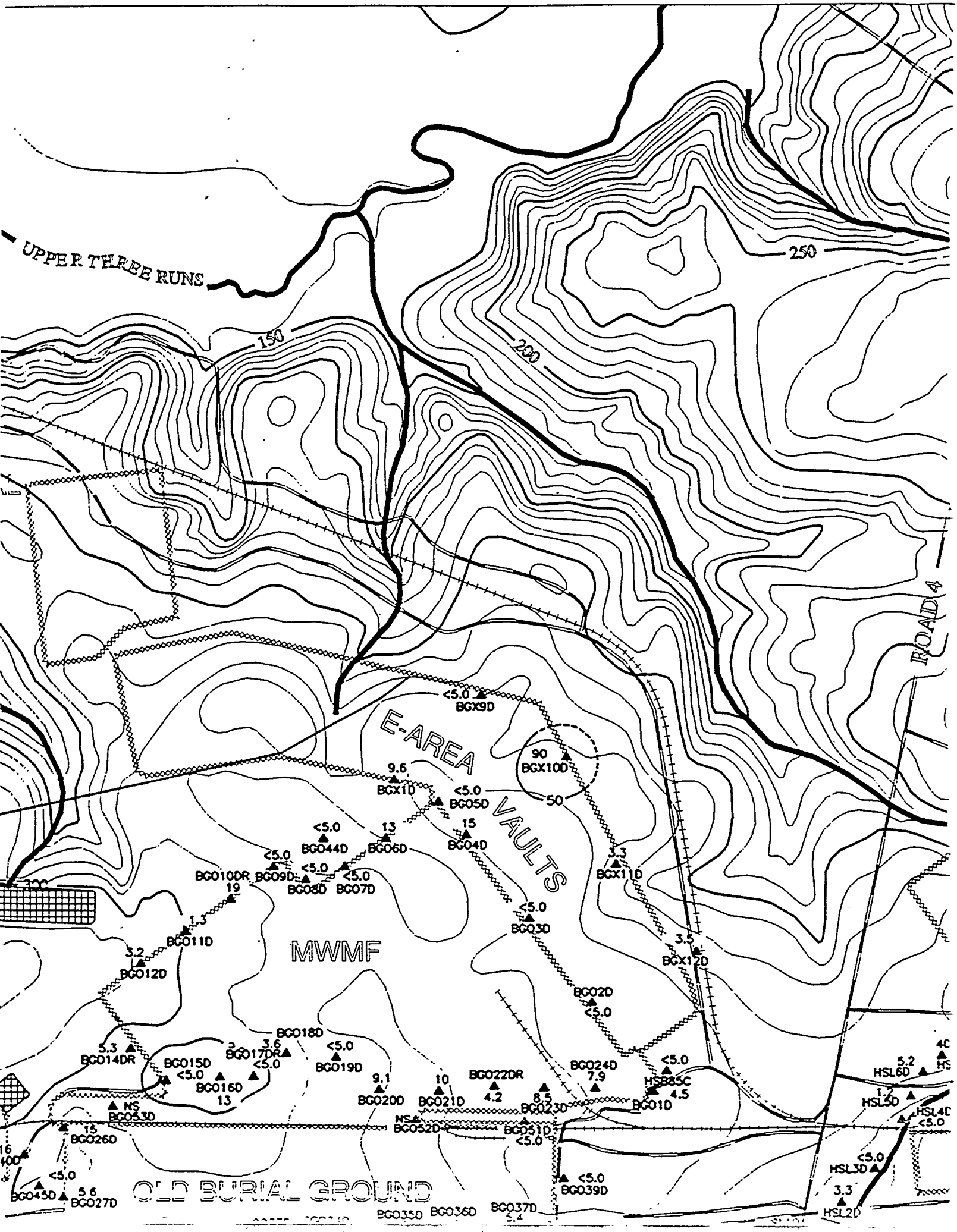
"NA" = Not Analyzed

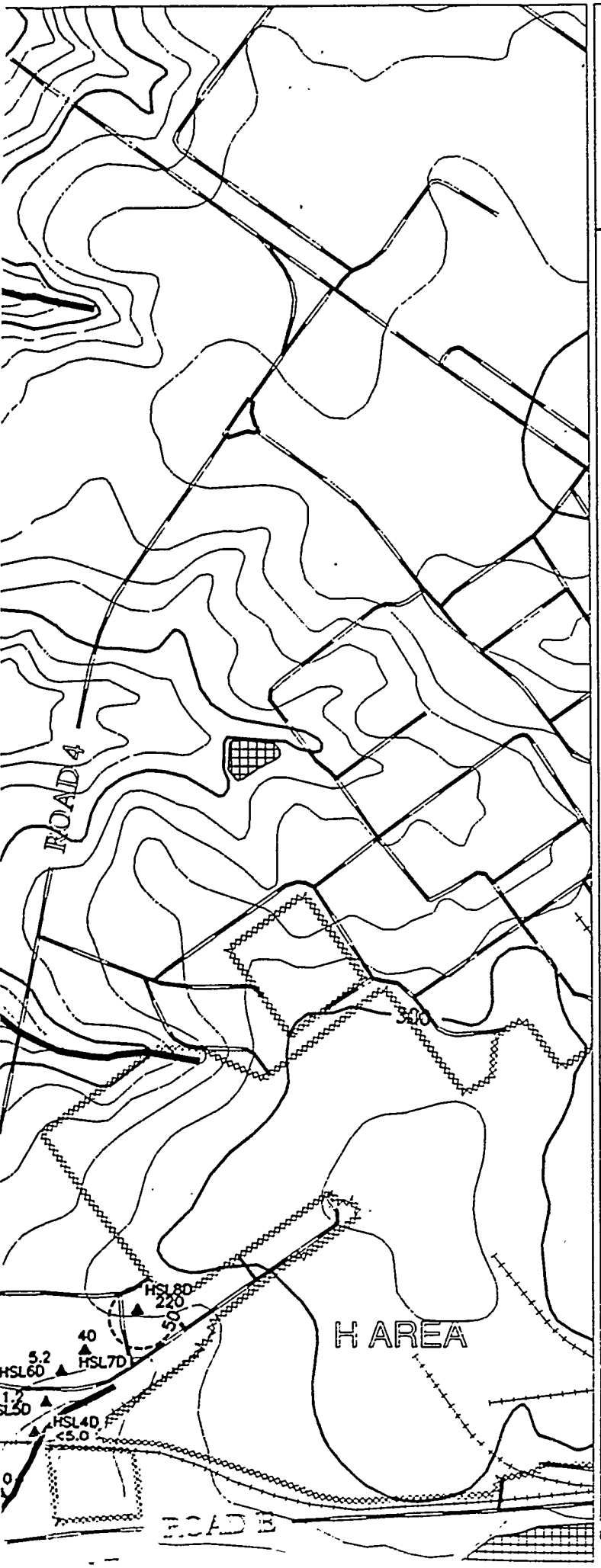
"UI" = Analyte Not Detected,
Value Is Instrument Reading

Contour Intervals at: 15, 150, 1500 pCi/L

EPD GIS Lab (803)725-1417


UPPER THRE
HWMW
DISPOSAL
VAULTS
250
300
350
Approximate northern limit of saturation in Aquifer Zone IIB2 (Water Table)
F AREA
FSL1D
18
160
FSL2D
50
<5.0
FSL3D
32
FSL4D
5.3
BG014DR
15
BG026D
16
BG040D
<5.0
BG045D
5.6
BG027D

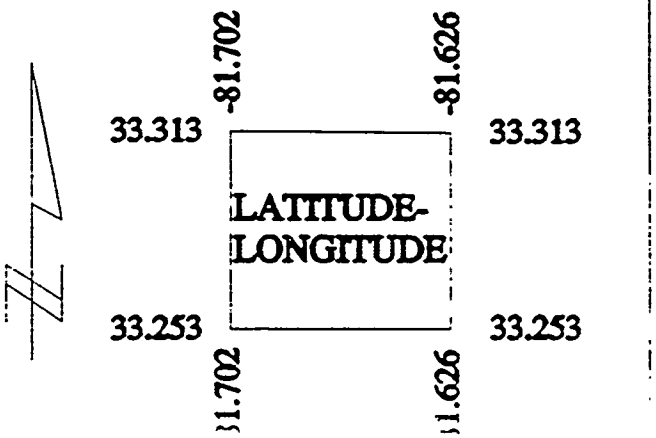

UPPER THREE RUNS
150
200
250
ROAD 4
E-AREA VAULTS
MWMF
OLD BURIAL GROUND
<5.0 BGX9D
90 BGX10D
50
9.6 BGX1D
<5.0 BG05D
15 BG04D
<5.0 BG044D
13 BG06D
<5.0 BG09D
<5.0 BG08D
<5.0 BG07D
BG010DR
19
1.3 BG011D
3.2 BG012D
3.3 BGX11D
<5.0 BG03D
3.5 BGX12D
BG02D <5.0
BG018D
5.3 BG014DR
BG015D <5.0
3.6 BG017DR <5.0
BG016D 13
<5.0 BG019D
9.1 BG020D
10 BG021D
BG022DR 4.2
8.5 BG023D
BG024D 7.9
<5.0 HSB85C
4.5 BG01D
NS BG053D
NS BG052D
BG051D <5.0
15 BG026D
<5.0 BG045D
5.6 BG027D
<5.0 BG039D
BG035D
BG036D
BG037D
5.2 HSL6D
1.2 HSL5D
HSL4D <5.0
<5.0 HSL3D
3.3 HSL2D

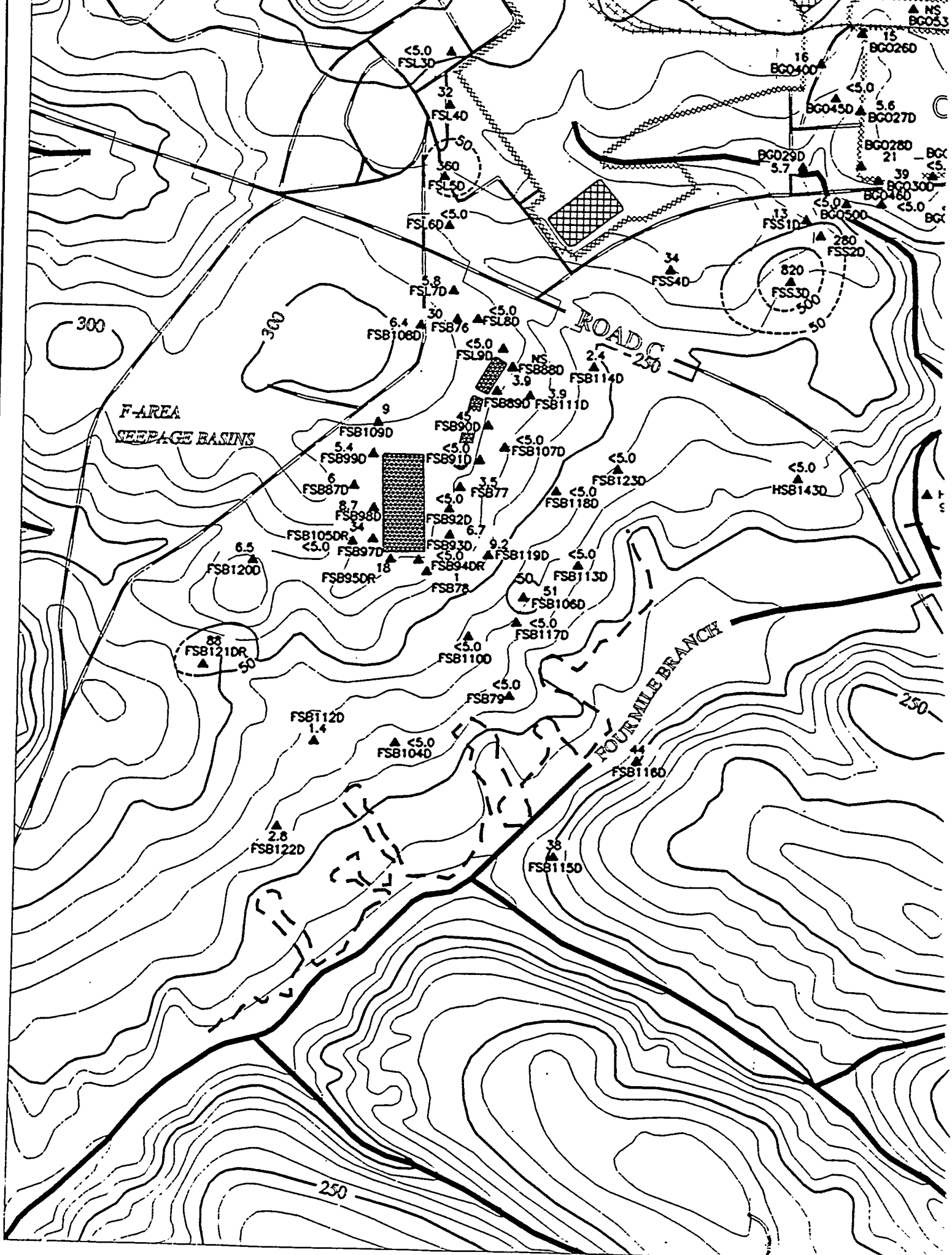


REFERENCE DOCUMENT

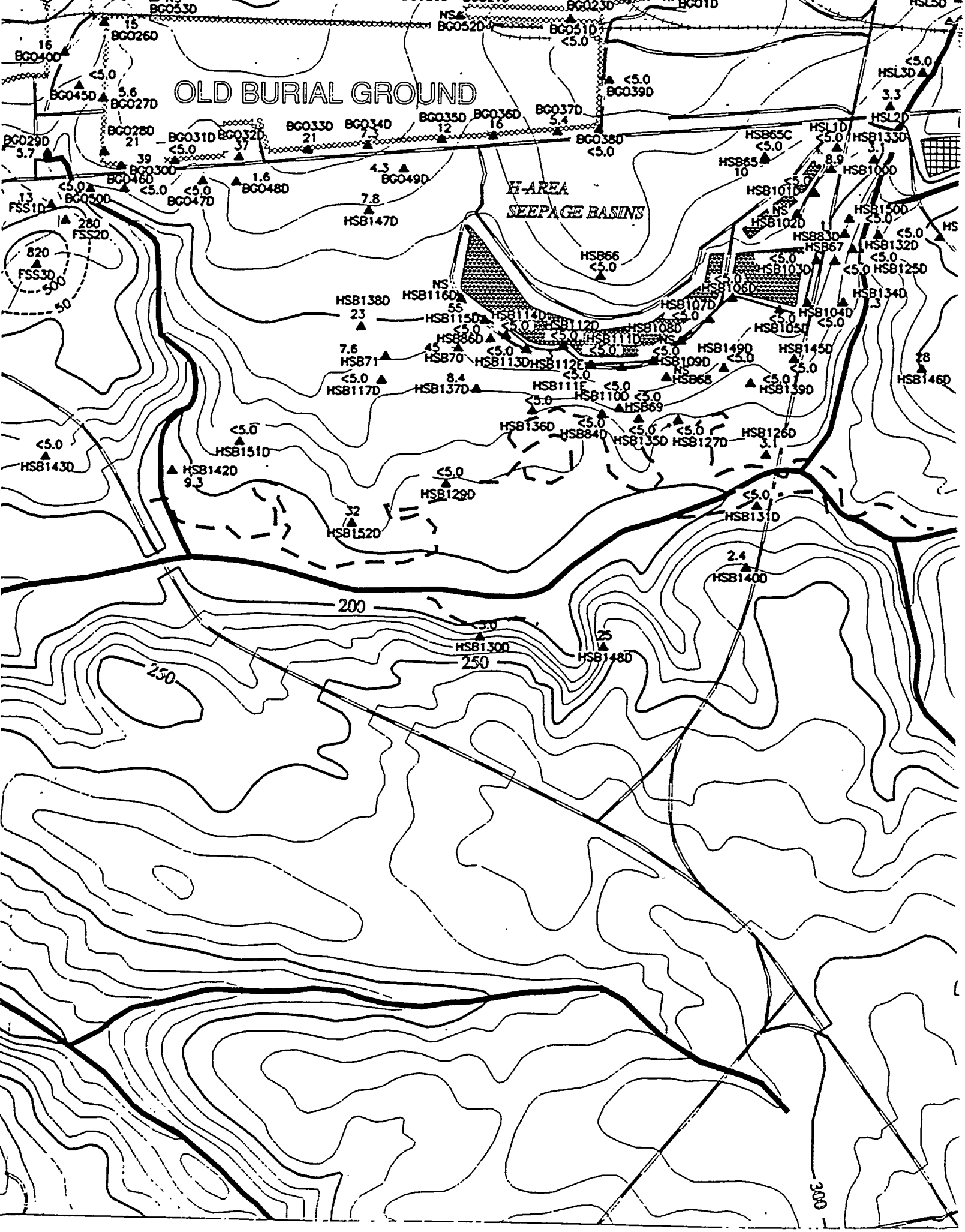
WSRC-TR-95-0146-2 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-2 H-Area Seepage Basins Groundwater Monitoring Report

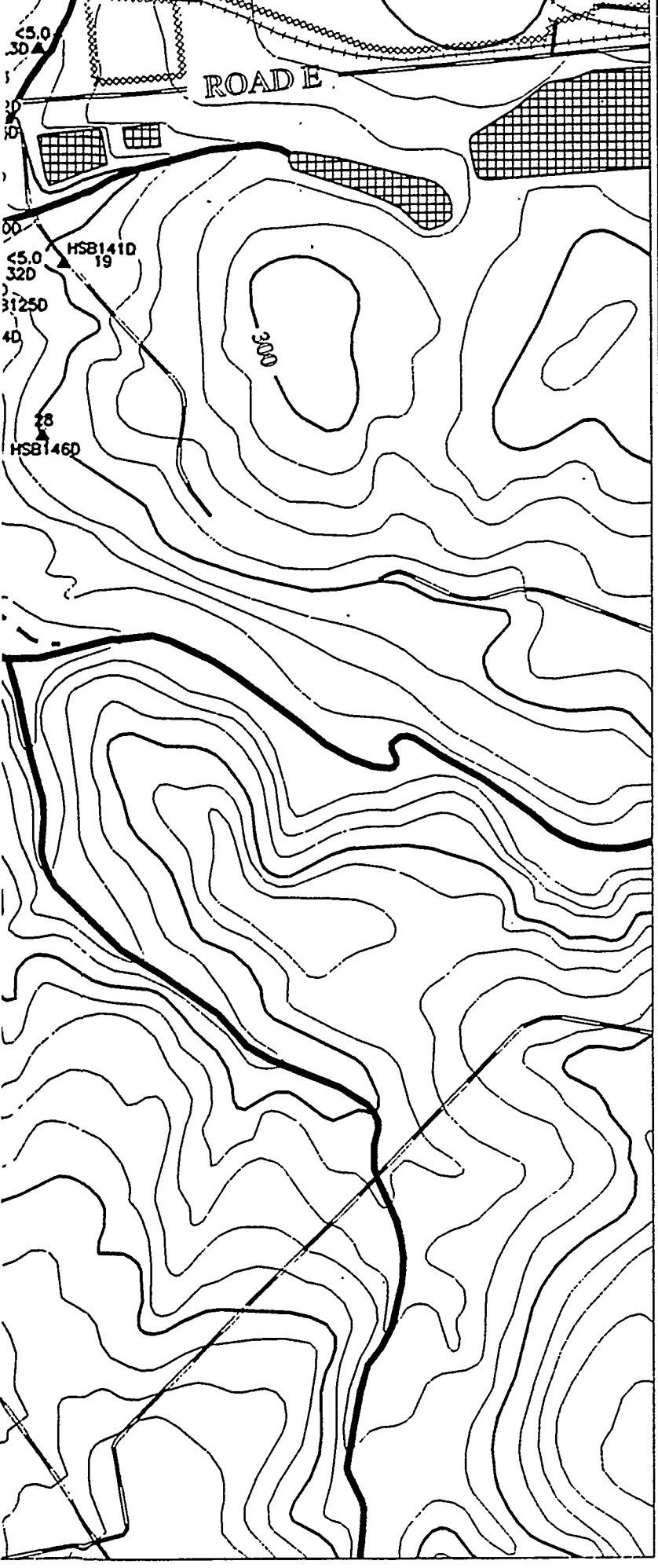
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL





F-AREA
SEEPAGE BASINS
ROAD C
FOURMILE BRANCH
300
250
50
500
FSL3D
FSL4D
FSL5D
FSL6D
FSL7D
FSL8D
FSL9D
FSB76
FSB108D
FSB88D
FSB89D
FSB111D
FSB114D
FSB109D
FSB90D
FSB91D
FSB107D
FSB99D
FSB87D
FSB77
FSB123D
HSB143D
FSB118D
FSB98D
FSB92D
FSB105DR
FSB97D
FSB93D
FSB119D
FSB120D
FSB95DR
FSB94DR
FSB78
FSB113D
FSB106D
FSB117D
FSB121DR
FSB110D
FSB79
FSB112D
FSB104D
FSB116D
FSB122D
FSB115D
BG026D
BG040D
BG045D
BG027D
BG028D
BG029D
BG030D
BG046D
BG050D
FSS1D
FSS2D
FSS3D
FSS4D


OLD BURIAL GROUND
H-AREA
SEEPAGE BASINS
BG053D
BG026D
BG040D
BG045D
BG027D
BG028D
BG029D
BG031D
BG032D
BG033D
BG034D
BG035D
BG036D
BG037D
BG038D
BG039D
BG051D
BG052D
BG023D
BG01D
BG030D
BG046D
BG050D
BG047D
BG048D
BG049D
FSS1D
FSS2D
FSS3D
HSB147D
HSB138D
HSB116D
HSB115D
HSB114D
HSB112D
HSB111D
HSB108D
HSB107D
HSB106D
HSB103D
HSB102D
HSB101D
HSB100D
HSB65C
HSB65
HSL1D
HSL2D
HSL3D
HSB133D
HSB150D
HSB132D
HSB125D
HSB134D
HSB104D
HSB105D
HSB145D
HSB146D
HSB149D
HSB109D
HSB68
HSB139D
HSB126D
HSB127D
HSB135D
HSB84D
HSB136D
HSB69
HSB110D
HSB111E
HSB112E
HSB113D
HSB86D
HSB70
HSB71
HSB117D
HSB137D
HSB151D
HSB143D
HSB142D
HSB129D
HSB152D
HSB131D
HSB140D
HSB130D
HSB148D
HSB66
HSB67
HSB83D
HSB103D
HSB106D
HSB107D
HSB108D
HSB109D
HSB110D
HSB111D
HSB112D
HSB113D
HSB114D
HSB115D
HSB116D
HSB117D
HSB126D
HSB127D
HSB129D
HSB130D
HSB131D
HSB132D
HSB133D
HSB134D
HSB135D
HSB136D
HSB137D
HSB138D
HSB139D
HSB140D
HSB142D
HSB143D
HSB145D
HSB146D
HSB147D
HSB148D
HSB149D
HSB150D
HSB151D
HSB152D
200
250
300
500
50



Scale 1:900 FT
1:274 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 1st QUARTER '95

AQUIFER:

WATER TABLE

CONSTITUENT:

LEAD

GWPS = 50 ug/L

"NS" = Not Sampled

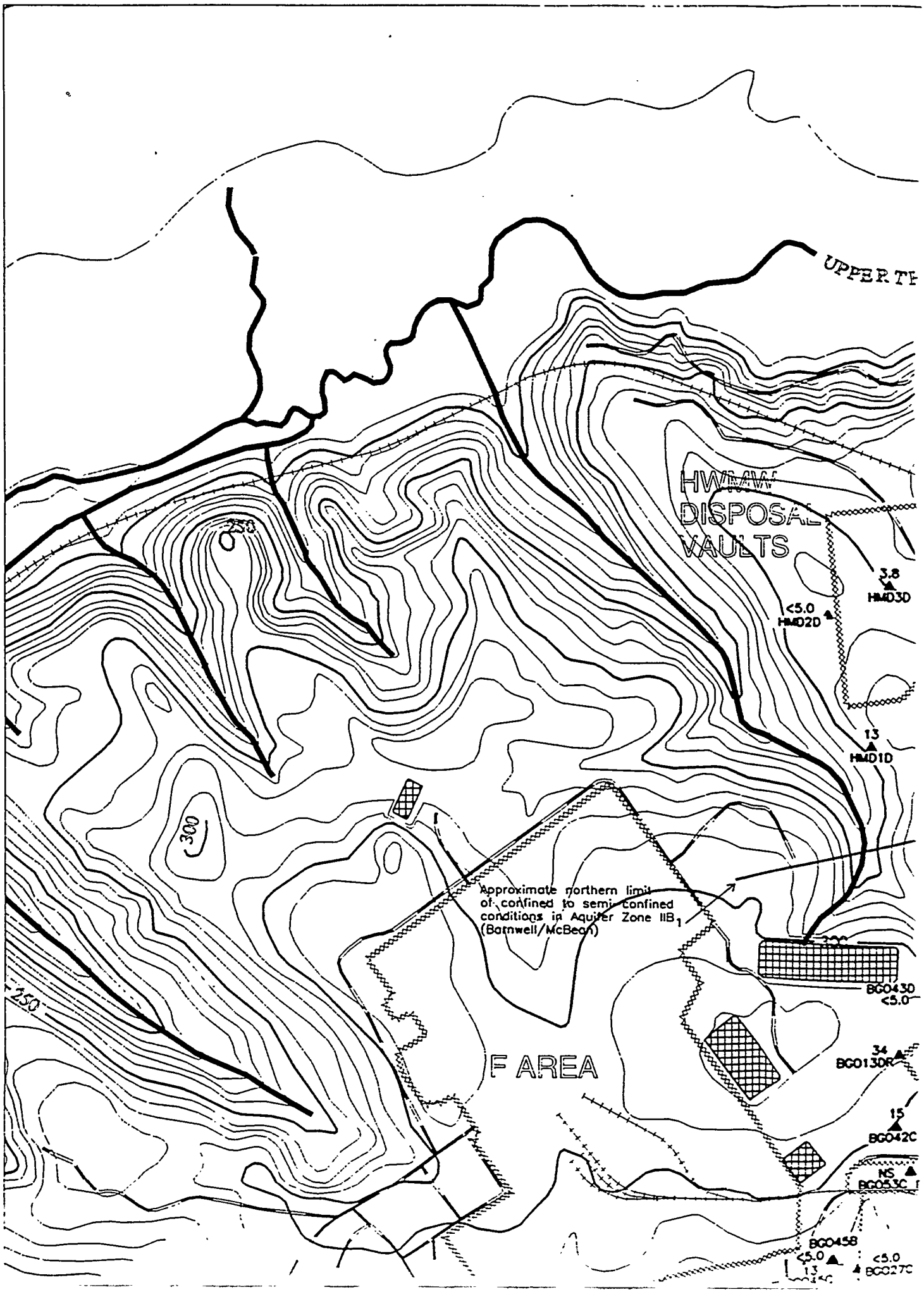
"*" = Wells Not Used to Contour

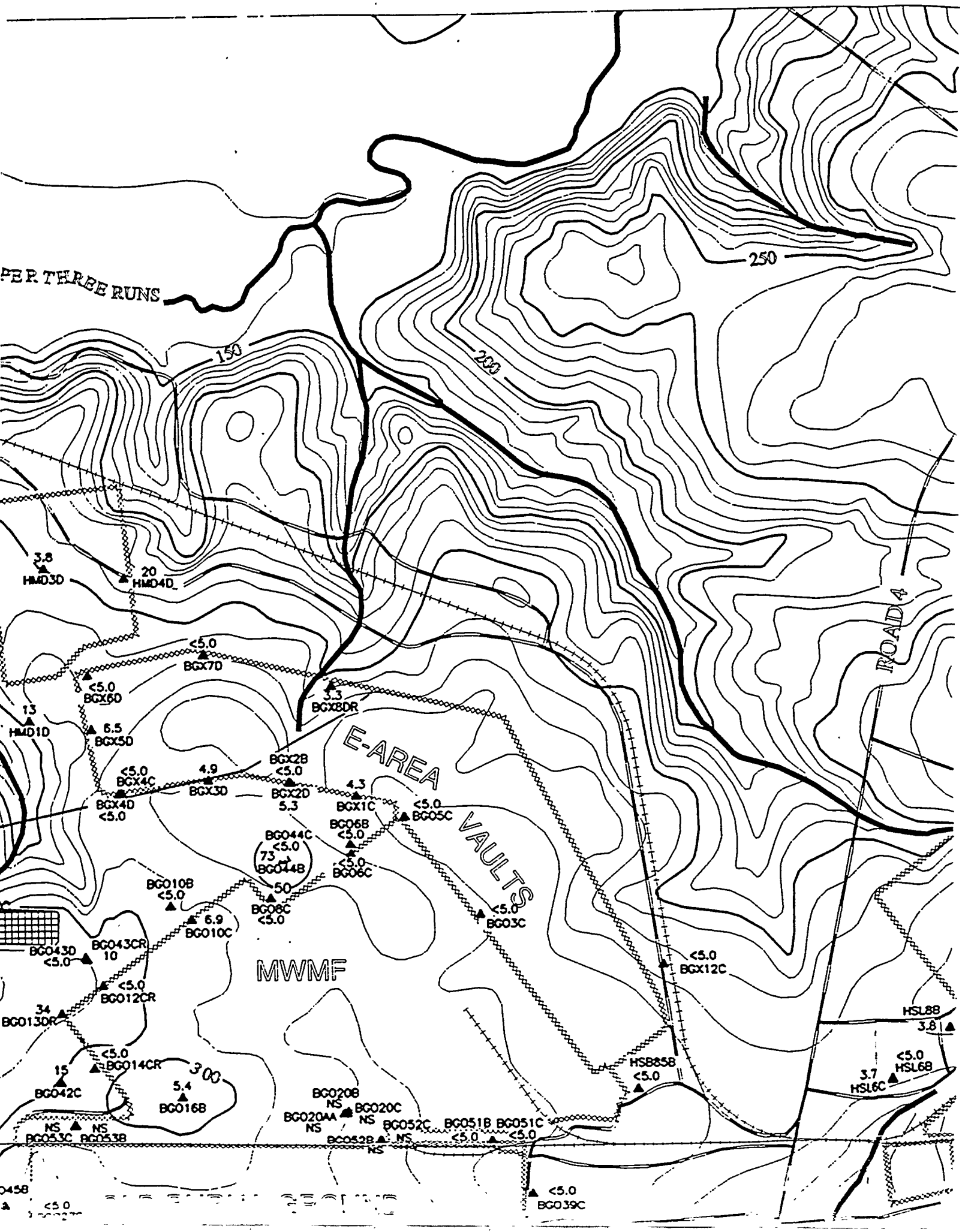
"NA" = Not Analyzed

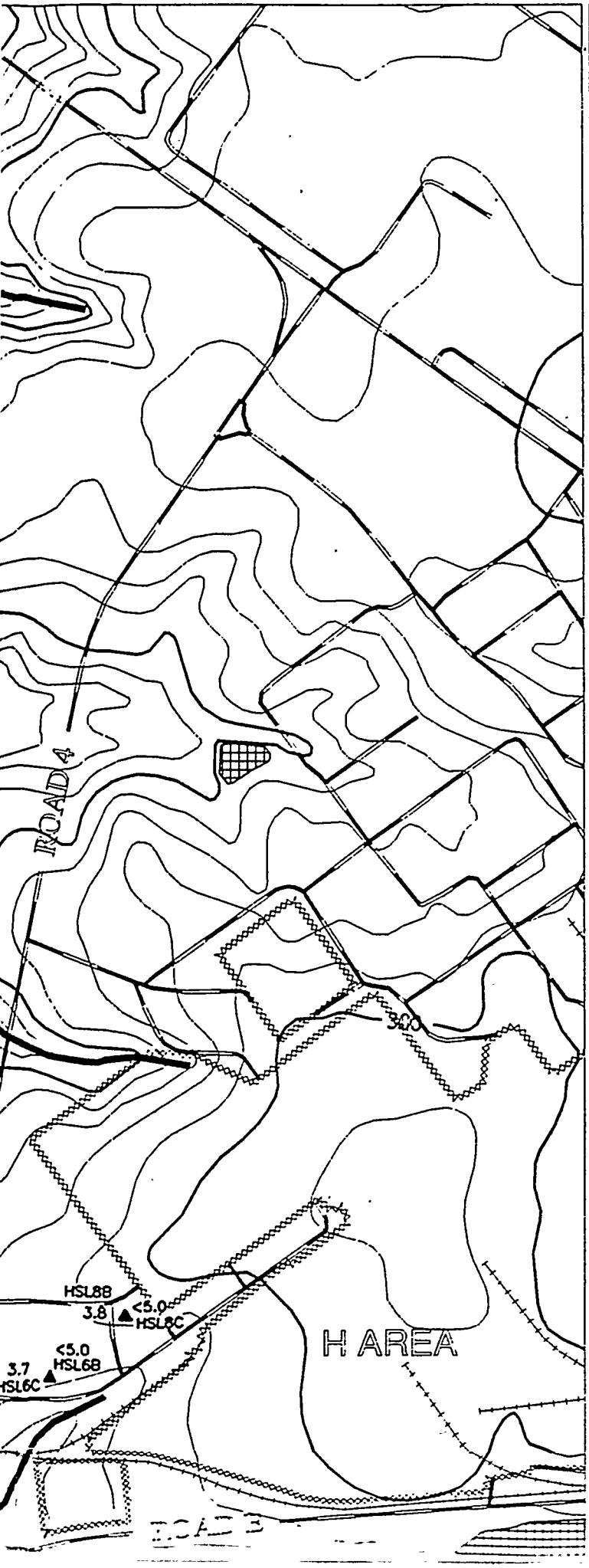
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 50, 500 ug/L

EPD GIS Lab (803)725-1417


UPPER TH
HW AW
DISPOSAL
VAULTS
3.8
HM030
<5.0
HM02D
13
HM01D
250
300
Approximate northern limit of confined to semi-confined conditions in Aquifer Zone IIB1 (Barnwell/McBean)
250
F AREA
BG0430
<5.0
34
BG0130R
15
BG042C
NS
BG053C
BG045B
<5.0
13
<5.0
BG027C


PER THREE RUNS
250
200
150
ROAD 4
E-AREA VAULTS
MWMF
3.8
HMD3D
20
HMD4D
<5.0
BGX7D
<5.0
BGX6D
3.3
BGX8DR
13
HMD1D
6.5
BGX5D
<5.0
BGX4C
4.9
BGX3D
BGX2B
<5.0
BGX4D
<5.0
BGX2D
5.3
4.3
BGX1C
<5.0
BG05C
BG06B
<5.0
BG044C
<5.0
73
BG044B
<5.0
BG06C
BG010B
<5.0
50
BG08C
<5.0
6.9
BG010C
<5.0
BG03C
BG043D
<5.0
BG043CR
10
<5.0
BG012CR
<5.0
BGX12C
34
BG013DR
<5.0
BG014CR
300
15
BG042C
5.4
BG016B
HSL8S
3.8
HSB8SB
<5.0
<5.0
HSL6S
3.7
HSL6C
BG020B
NS
BG020C
BG020AA
NS
NS
BG052C
BG051B
BG051C
NS
NS
BG053C
BG053B
BG052B
NS
<5.0
<5.0
<5.0
BG039C



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WSRC-TR-95-0147-2 H-Area Seepage Basins Groundwater Monitoring Report

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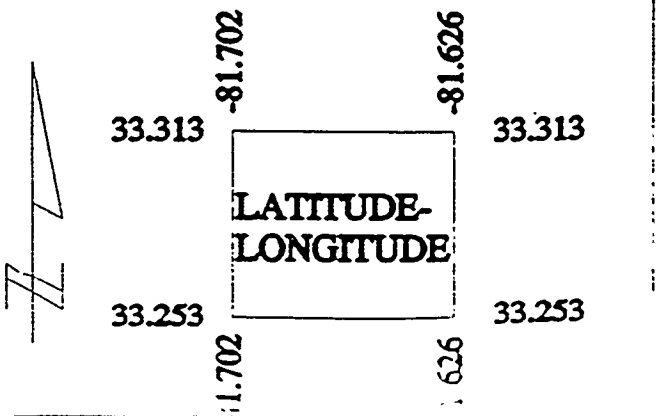
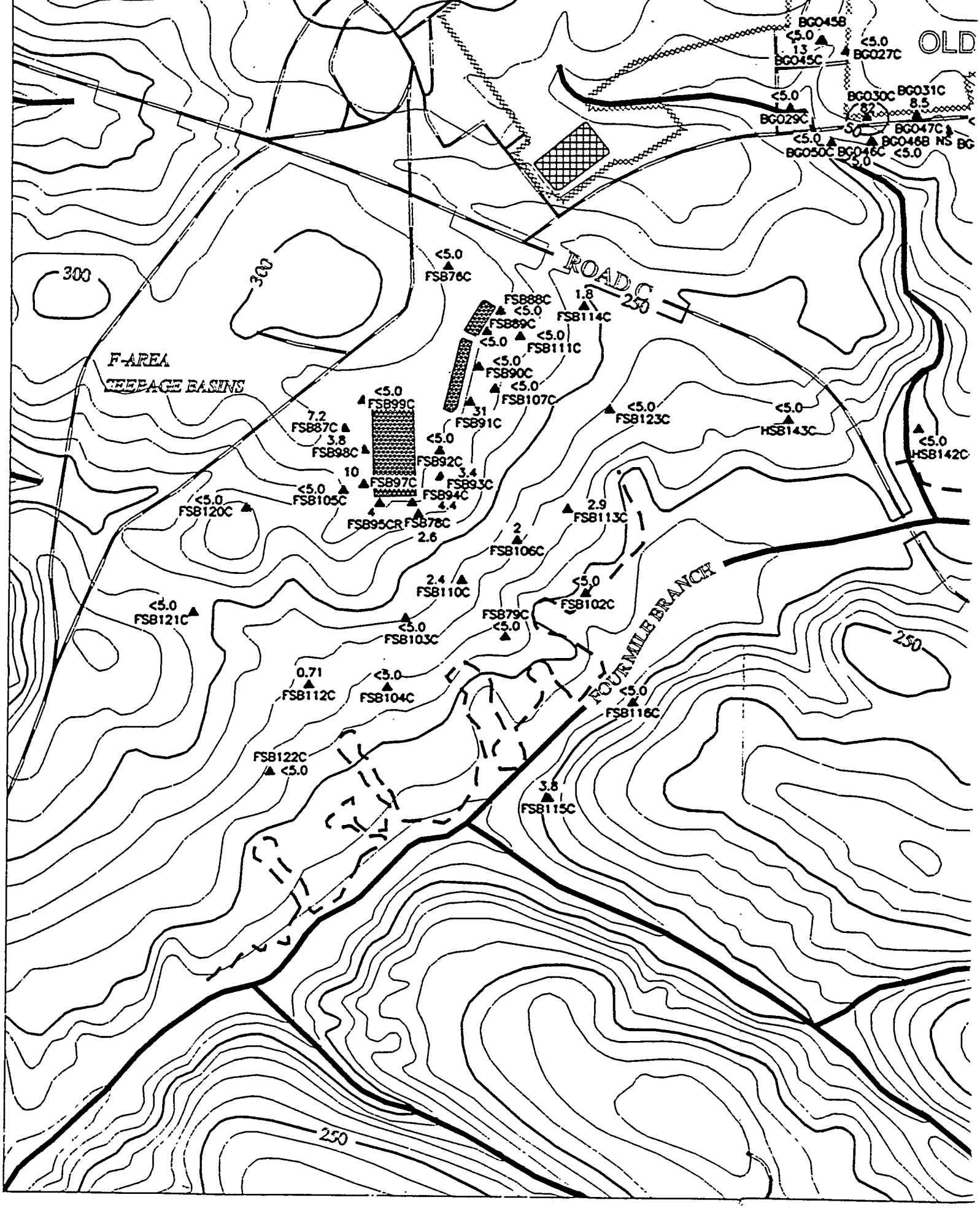
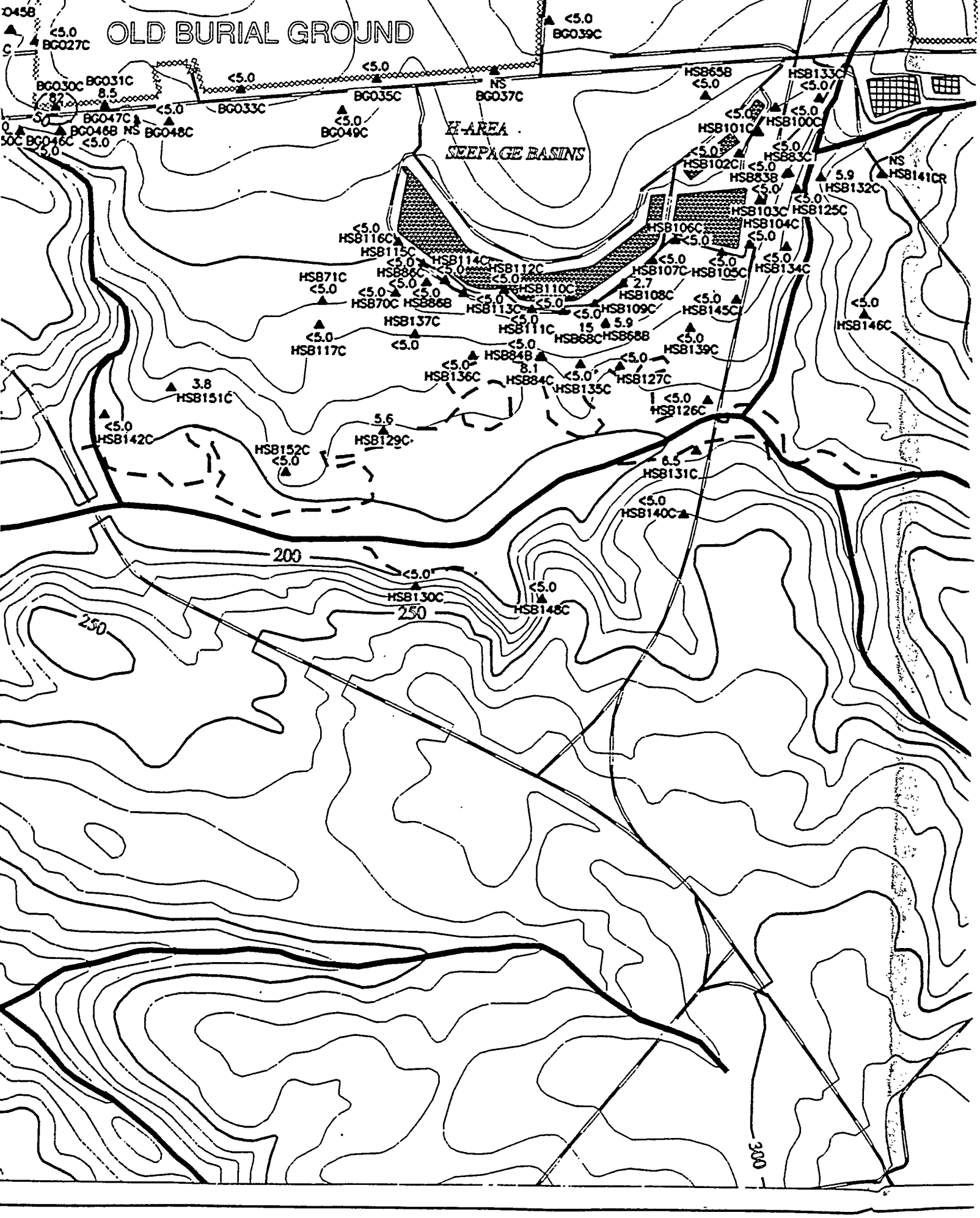
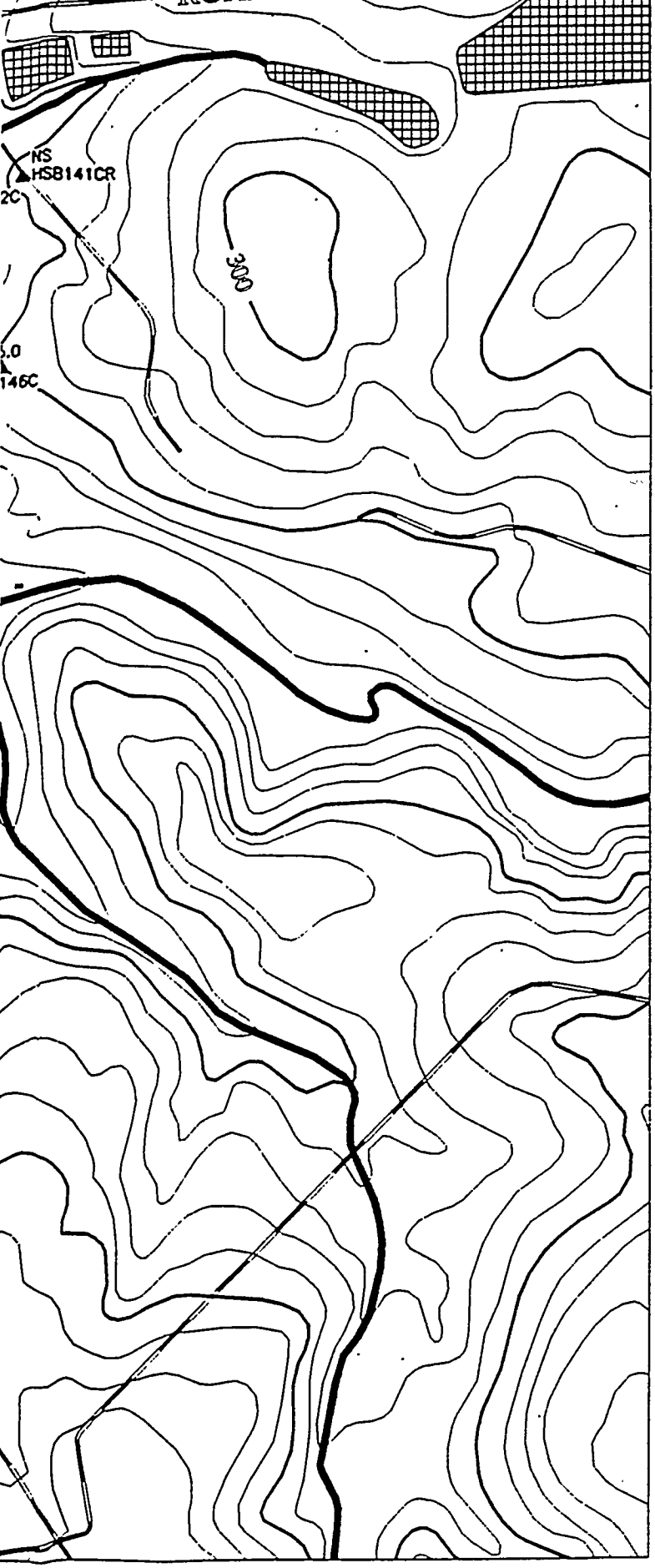
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL




F-AREA
SEEPAGE BASINS
ROAD C
FOUR MILE BRANCH
OLD
300
250
BG045B
<5.0
BG045C
13
BG027C
<5.0
BG030C
BG031C
8.5
82
BG029C
<5.0
BG047C
BG050C
BG046C
<5.0
<5.0
FSB76C
FSB88C
<5.0
FSB89C
<5.0
1.8
FSB114C
<5.0
FSB111C
<5.0
FSB90C
<5.0
FSB107C
<5.0
FSB99C
31
FSB91C
7.2
FSB87C
3.8
FSB98C
<5.0
FSB92C
10
FSB97C
3.4
FSB93C
<5.0
FSB105C
FSB94C
4.4
<5.0
FSB120C
4
FSB95CR
FSB78C
2.6
2
FSB106C
2.9
FSB113C
<5.0
FSB123C
<5.0
HSB143C
<5.0
HSB142C
2.4
FSB110C
<5.0
FSB102C
<5.0
FSB121C
<5.0
FSB103C
FSB79C
<5.0
0.71
FSB112C
<5.0
FSB104C
<5.0
FSB116C
FSB122C
<5.0
3.8
FSB115C


OLD BURIAL GROUND
H-AREA
SEEPAGE BASINS
200
250
300



0 900 1800 2700

Scale 1:900 FT
1:274 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 1st QUARTER '95

AQUIFER:

BARNWELL/McBEAN

CONSTITUENT:

LEAD

GWPS = 50 ug/L

"NS" = Not Sampled

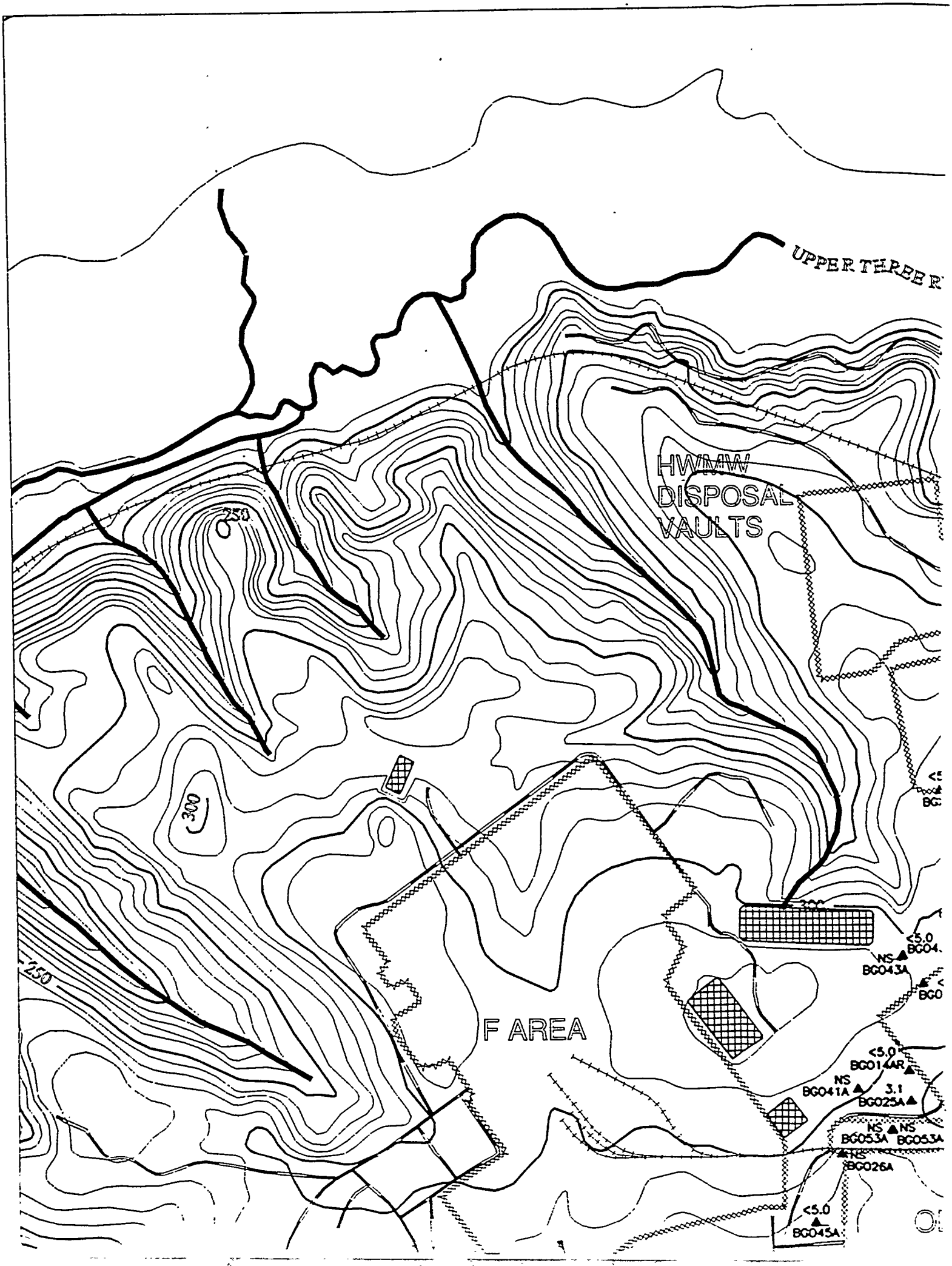
"*" = Wells Not Used to Contour

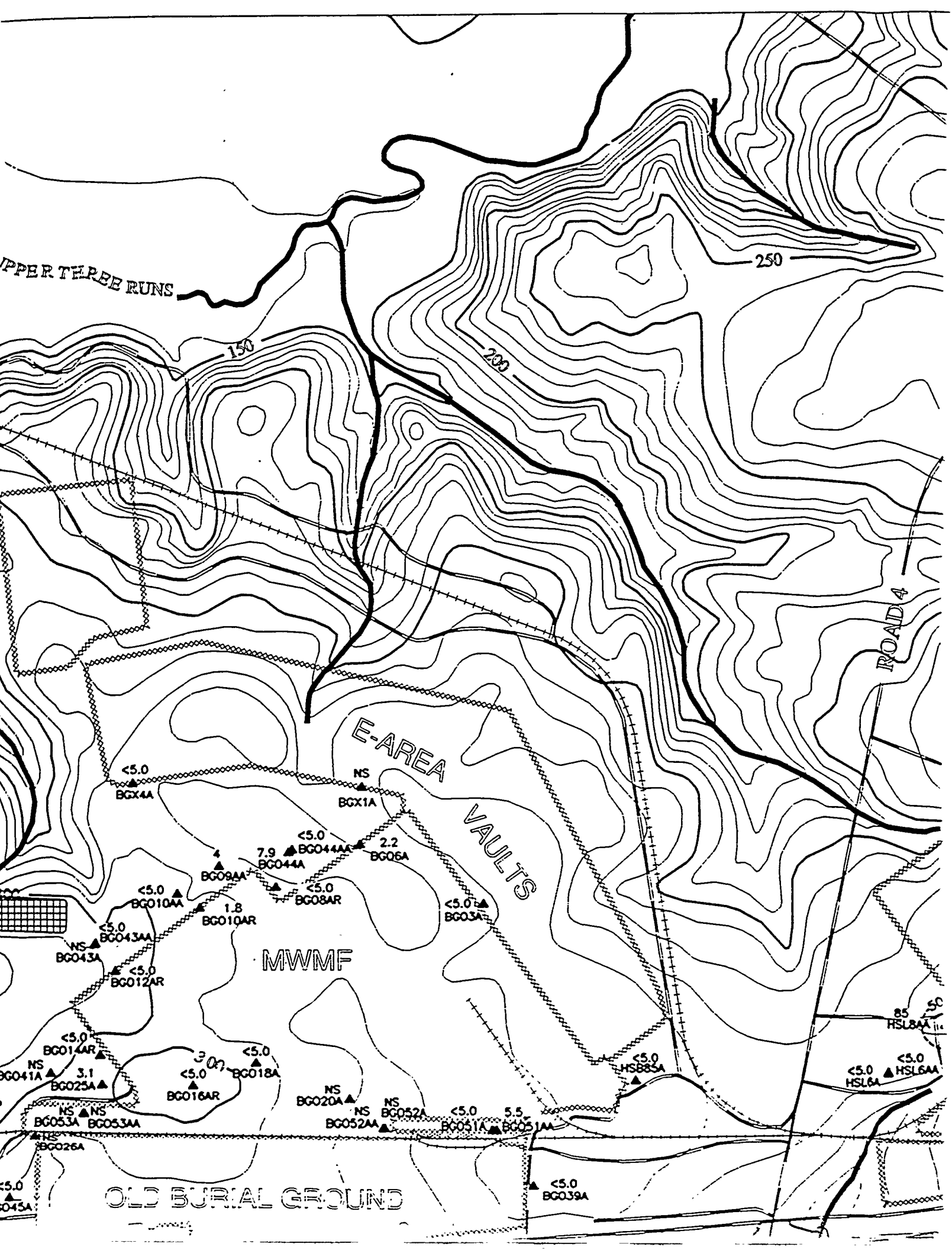
"NA" = Not Analyzed

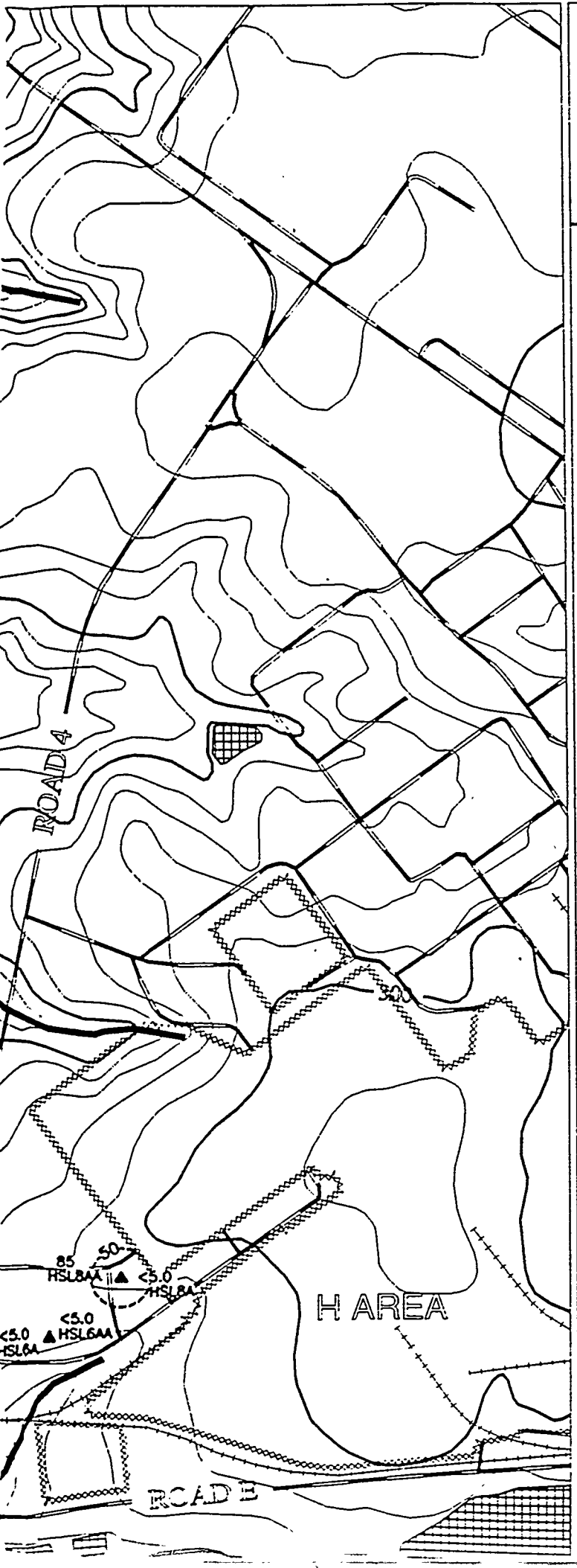
"UI" = Analyte Not Detected,
Value Is Instrument Reading

Contour Intervals at: 50, 500 ug/L

EPD GIS Lab (803)725-1417


UPPER THREE R
HW/MW
DISPOSAL
VAULTS
250
300
250
F AREA
<5.0
BG04
NS
BG043A
BG0
<5.0
BG014R
NS
BG041A
3.1
BG025A
NS
BG053A
NS
BG053A
NS
BG026A
<5.0
BG045A


UPPER THREE RUNS
250
200
150
ROAD 4
E-AREA VAULTS
MWMF
OLD BURIAL GROUND
<5.0 BGX4A
NS BGX1A
<5.0 BG044AA
2.2 BG06A
7.9 BG044A
4 BG09AA
<5.0 BG08AR
<5.0 BG010AA
1.8 BG010AR
<5.0 BG03A
<5.0 BG043AA
NS BG043A
<5.0 BG012AR
<5.0 BG014AR
NS BG041A
3.1 BG025A
300
<5.0 BG018A
<5.0 BG016AR
NS BG053A
NS BG053AA
NS BG026A
NS BG020A
NS BG052AA
NS BG052A
<5.0 BG051A
5.5 BG051AA
<5.0 BG039A
<5.0 HSB8SA
85 HSL8AA
<5.0 HSL6AA
<5.0 HSL6A



REFERENCE DOCUMENT

WSRC-TR-95-0146-2 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-2 H-Area Seepage Basins Groundwater Monitoring Report

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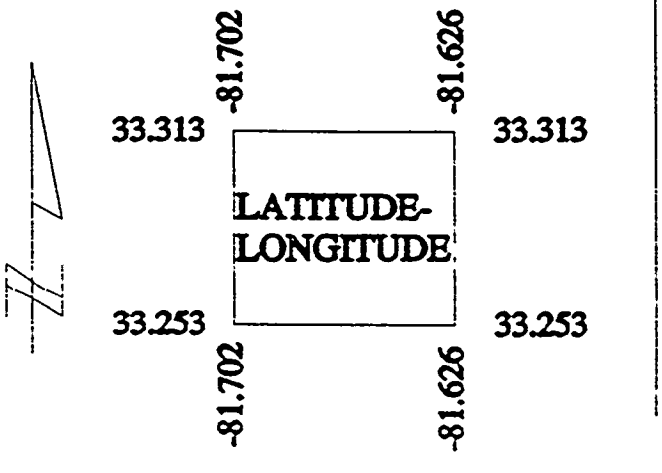
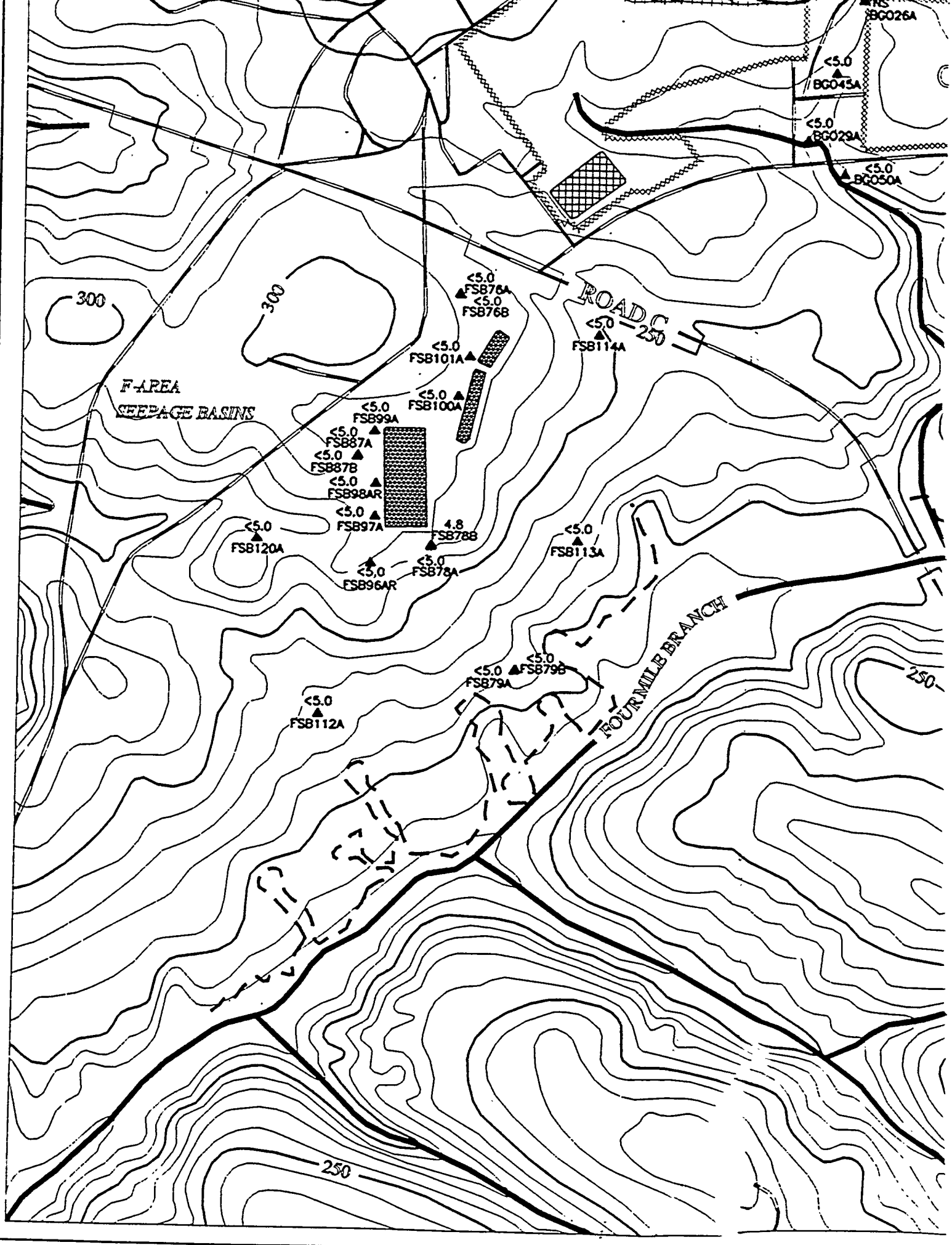
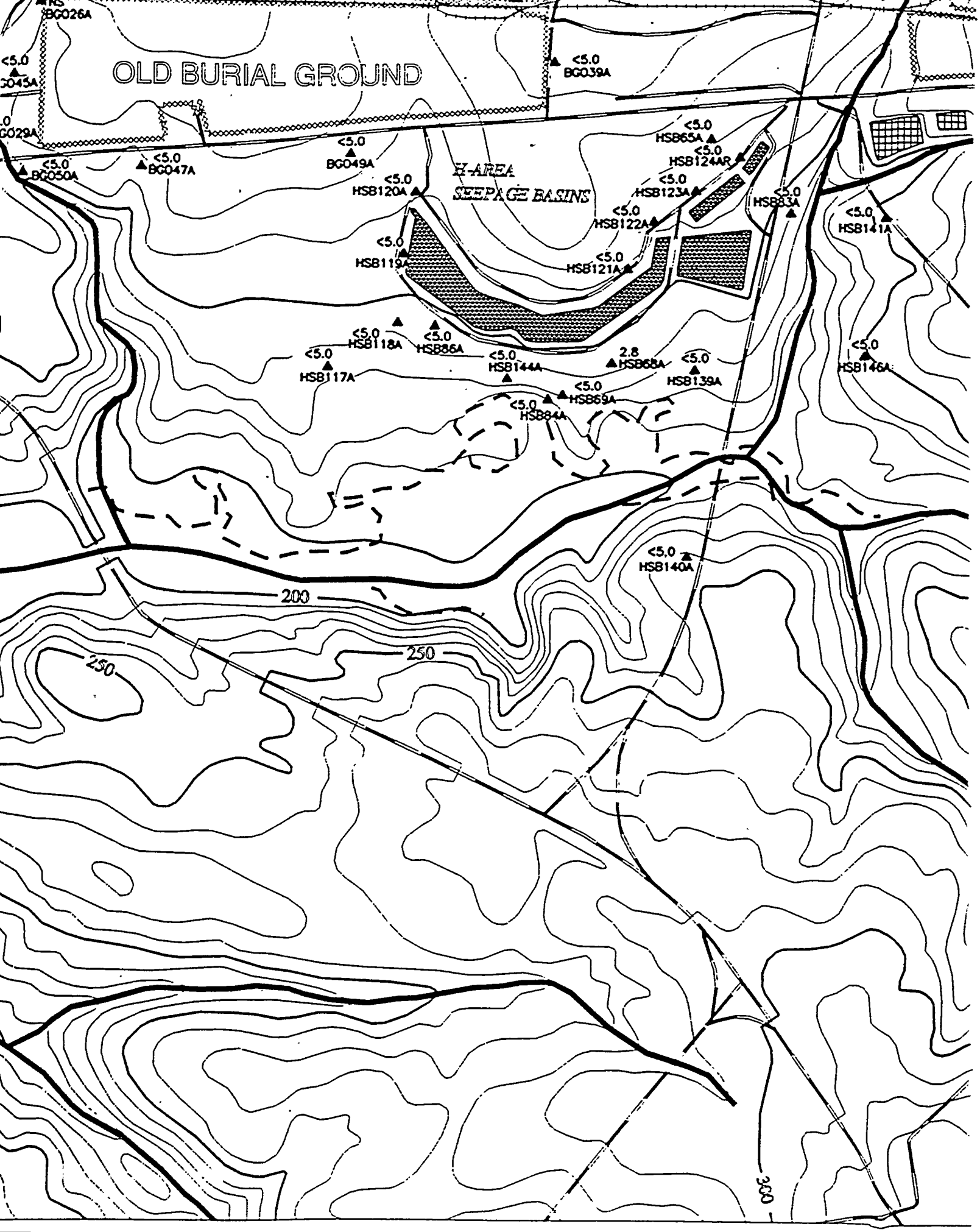
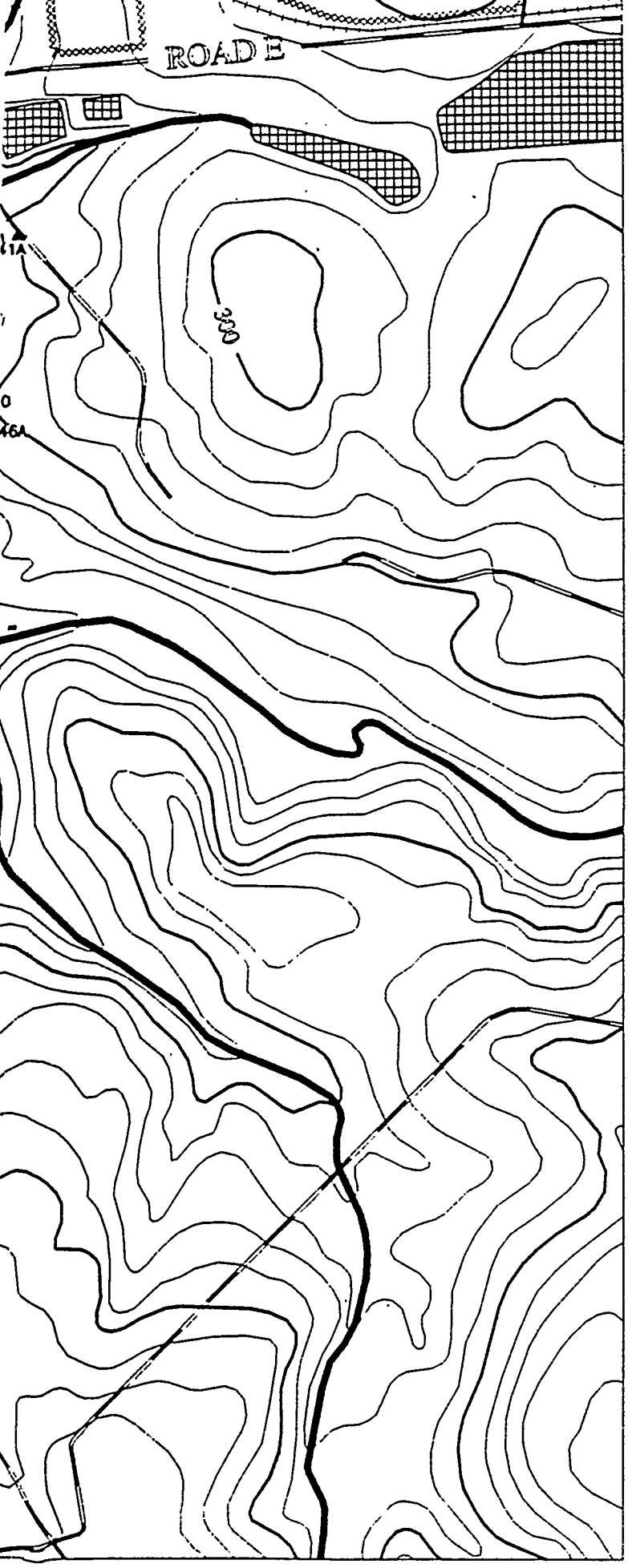
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL




BG026A
<5.0
BG045A
<5.0
BG029A
<5.0
BG050A
300
300
<5.0
FSB76A
<5.0
FSB76B
ROAD C
<5.0
FSB114A
250
<5.0
FSB101A
F-AREA
SEEPAGE BASINS
<5.0
FSB100A
<5.0
FSB99A
<5.0
FSB87A
<5.0
FSB87B
<5.0
FSB98AR
<5.0
FSB97A
<5.0
FSB120A
4.8
FSB78B
<5.0
FSB96AR
<5.0
FSB78A
<5.0
FSB113A
FOURMILE BRANCH
<5.0
FSB79B
<5.0
FSB79A
<5.0
FSB112A
250
250


OLD BURIAL GROUND
H-AREA
SEEPAGE BASINS
BG026A
BG045A
BG029A
BG050A
BG047A
BG049A
BG039A
HSB120A
HSB119A
HSB118A
HSB86A
HSB117A
HSB144A
HSB84A
HSB69A
HSB68A
HSB121A
HSB122A
HSB123A
HSB124AR
HSB65A
HSB83A
HSB141A
HSB146A
HSB139A
HSB140A
<5.0
2.8
200
250
300



-81.702

-81.626

0 900 1800 2700

Scale 1:900 FT
1:274 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 1st QUARTER '95

AQUIFER:

CONGAREE

CONSTITUENT:

LEAD

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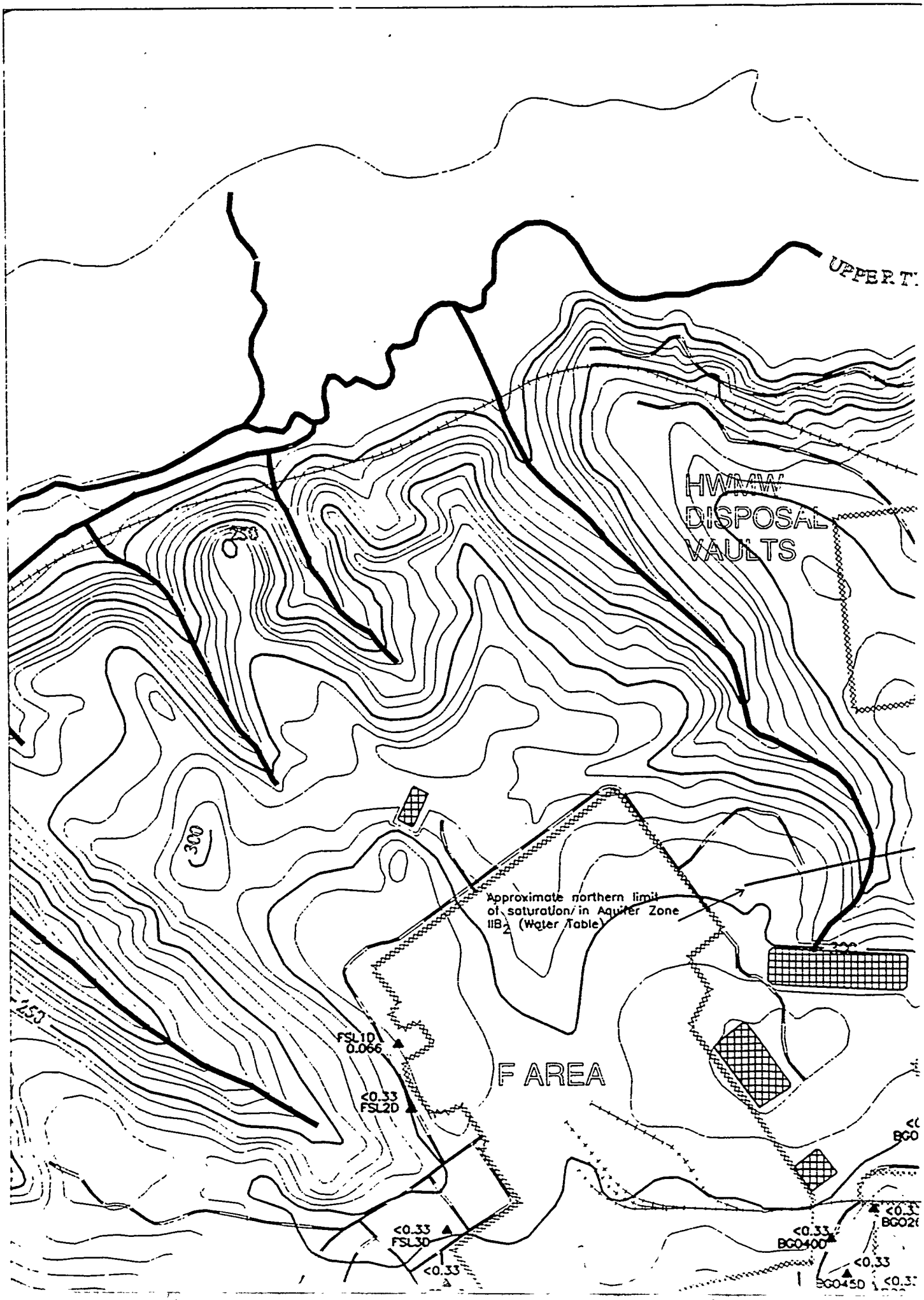
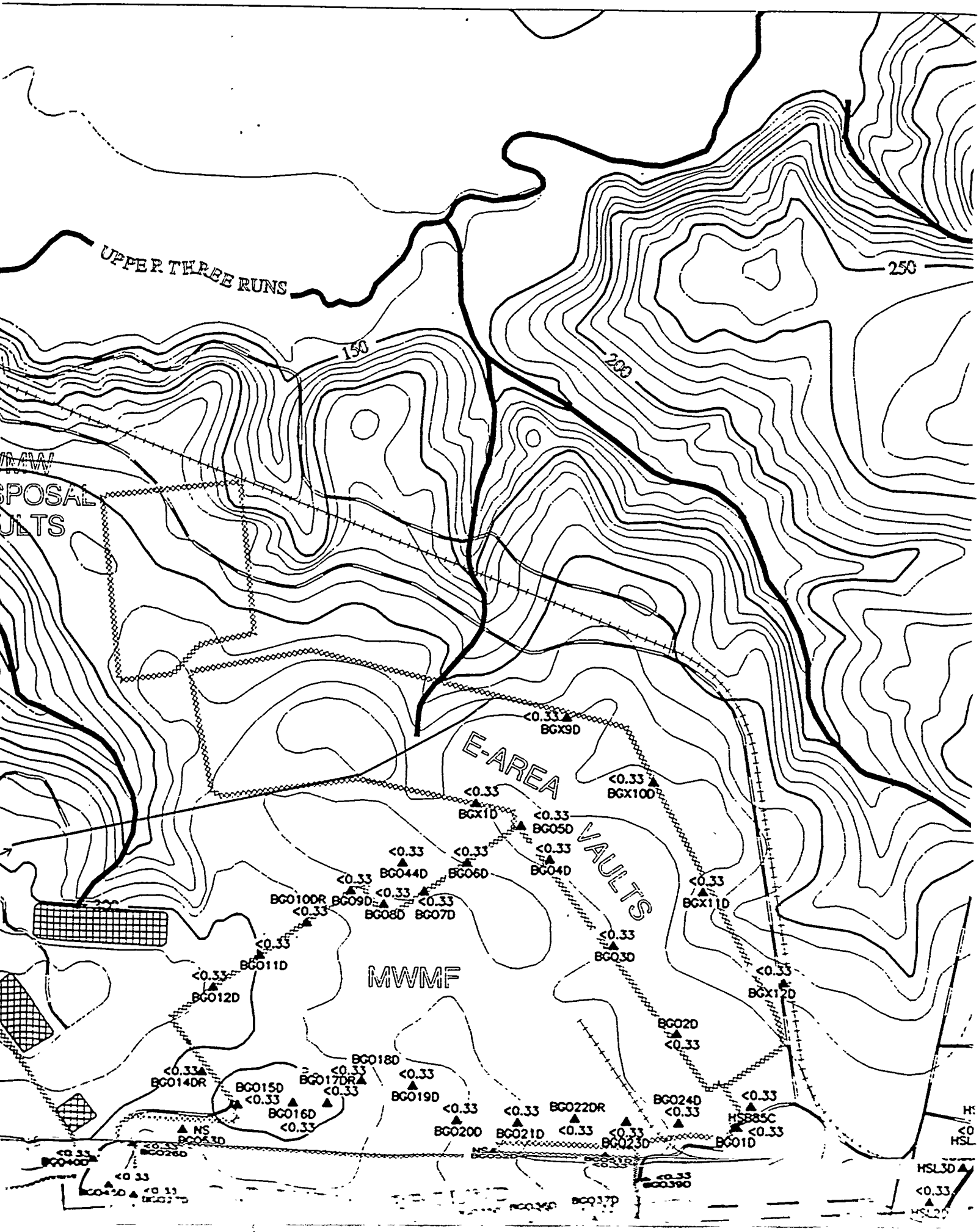
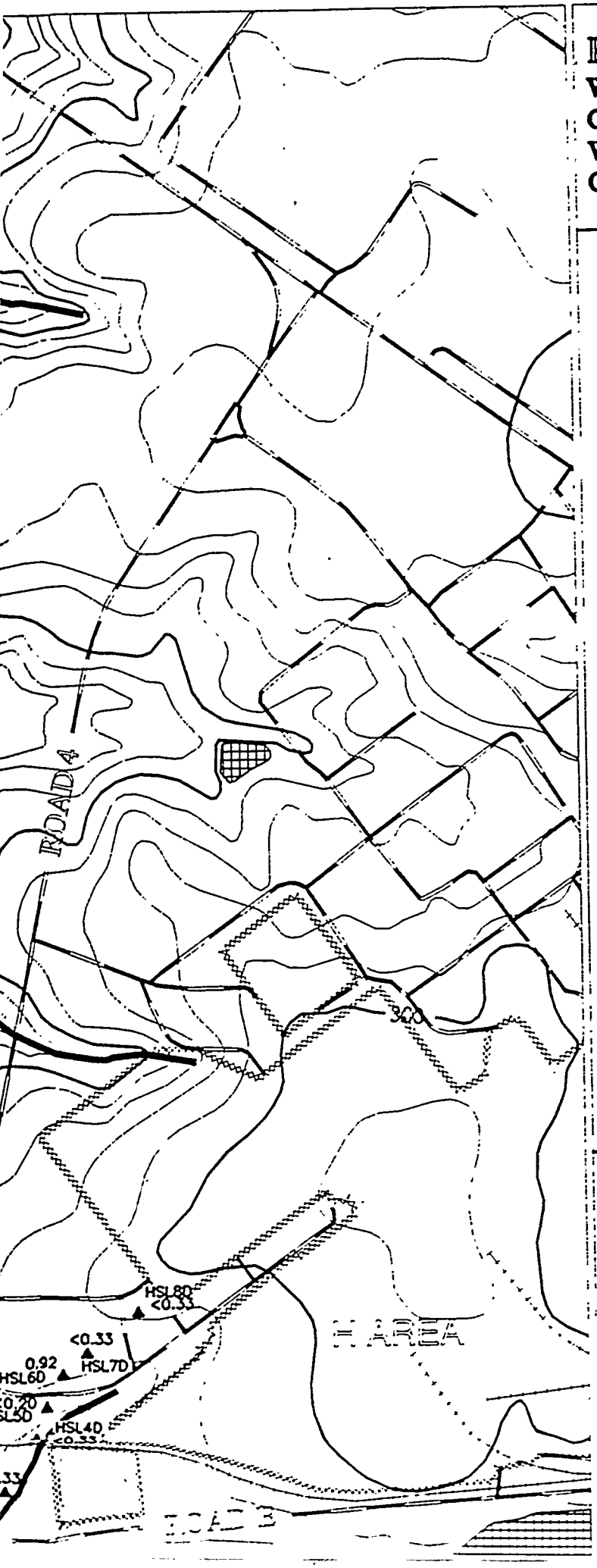
EPD GIS Lab (803)725-1417


UPPER T
HWMW
DISPOSAL
VAULTS
250
300
450
Approximate northern limit of saturation in Aquifer Zone IIB2 (Water Table)
FSL1D
0.066
<0.33
FSL2D
F AREA
<0.33
FSL3D
<0.33
<0.33
BG0400
<0.33
BG045D


UPPER THREE RUNS
150
200
250
SPOSAL
ULTS
E-AREA
VAULTS
MWMF
<0.33
BGX9D
BGX10D
BGX1D
BG05D
BG04D
BG06D
BG044D
BG010DR
BG09D
BG08D
BG07D
BGX11D
BG03D
BGX12D
BG011D
BG012D
BG02D
BG018D
BG014DR
BG015D
BG017DR
BG019D
BG016D
BG020D
BG021D
BG022DR
BG023D
BG024D
HSB85C
BG01D
NS
BG053D
BG026D
BG040D
BG039D
BG037D
HSL3D



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- CONSTITUENT CONTOUR
- BASIN
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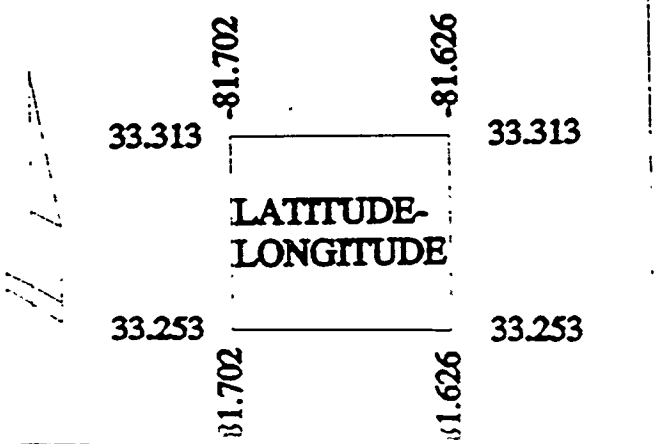
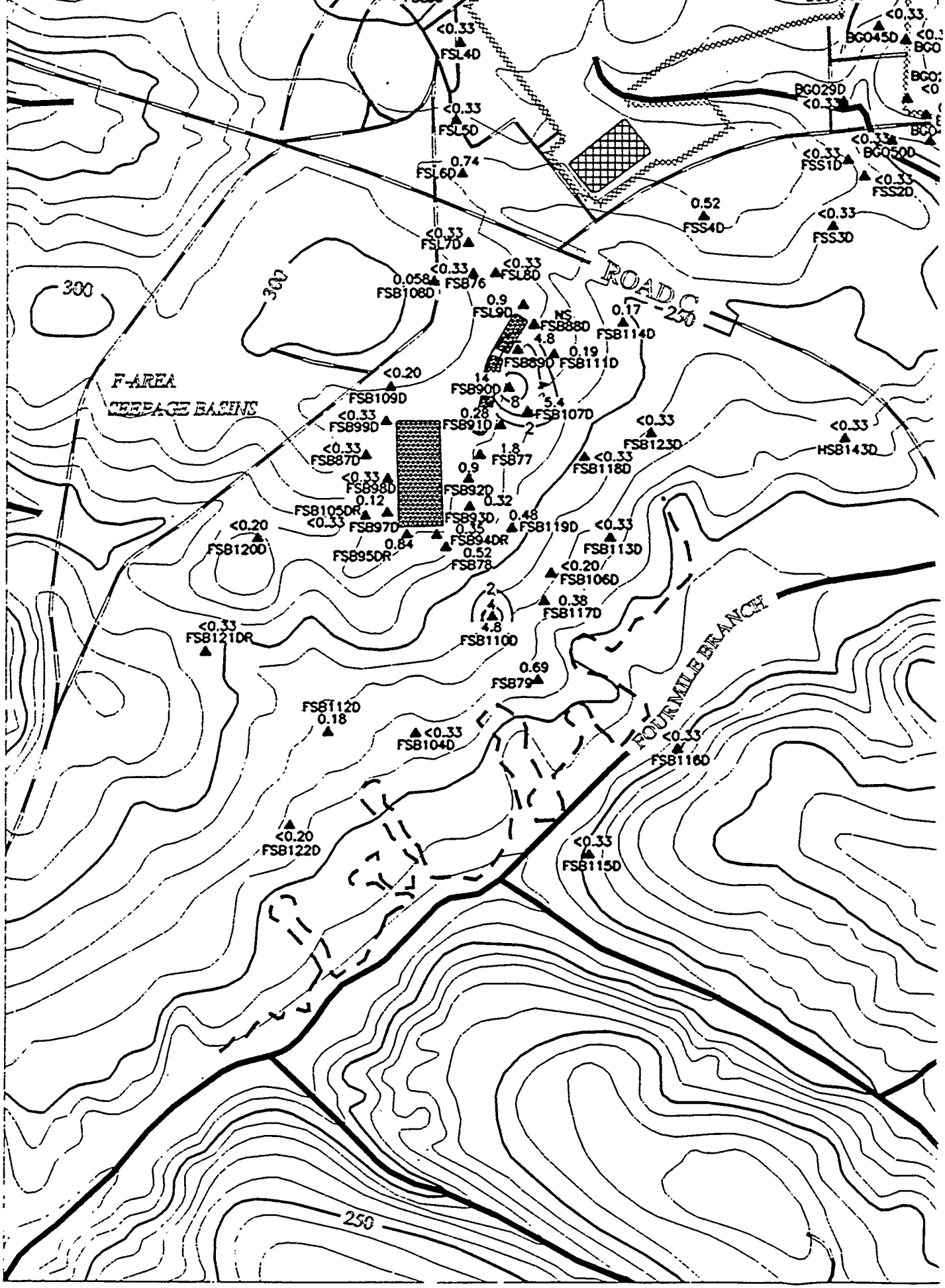
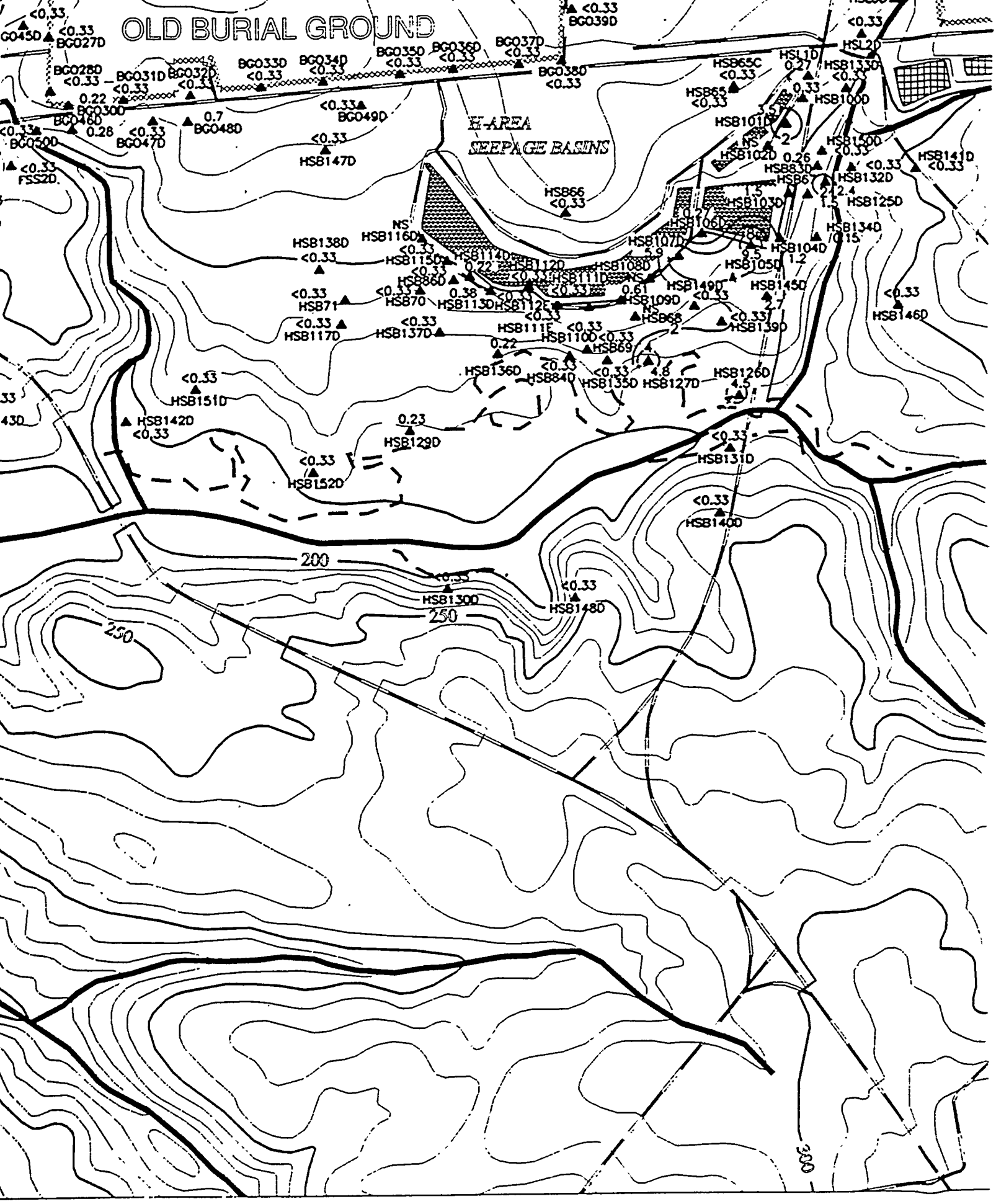
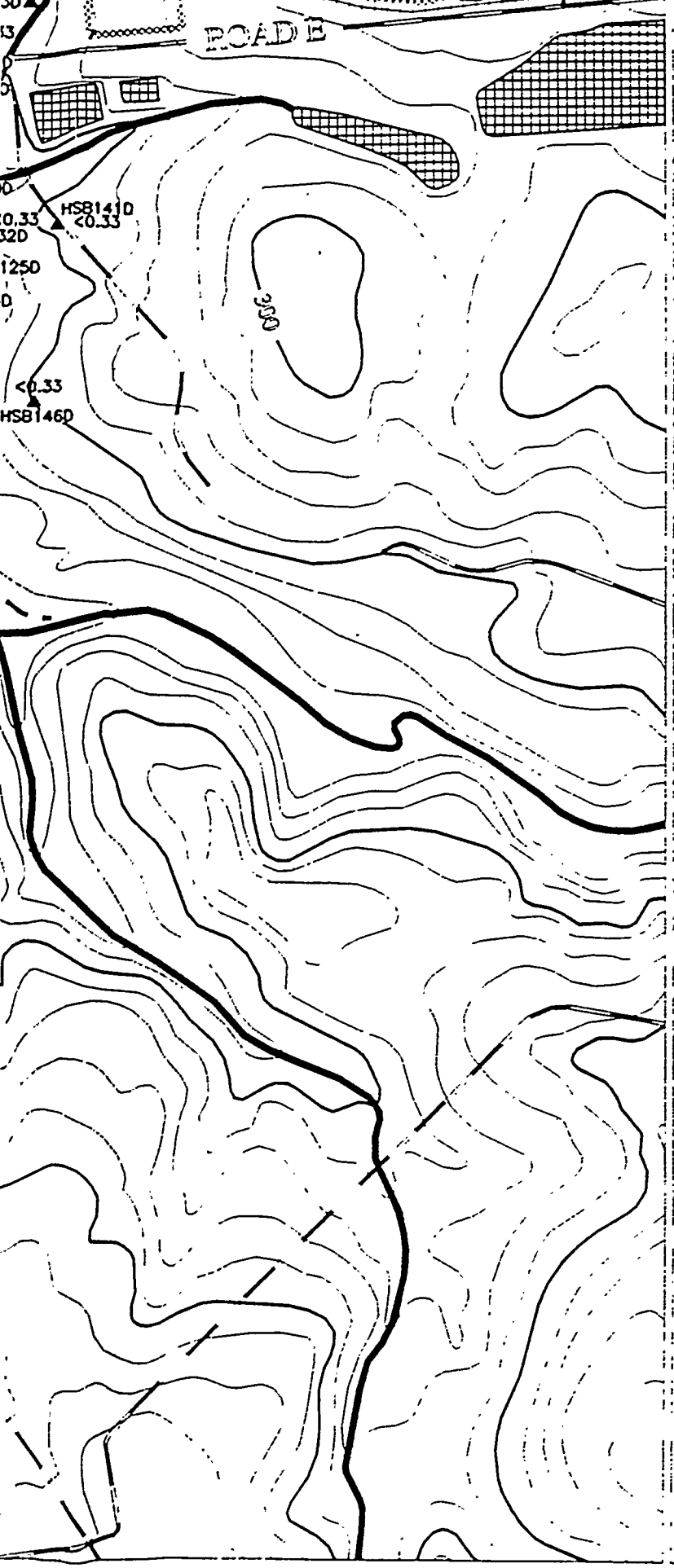



F-AREA
SEEPAGE BASINS
ROAD C
FOUR MILE BRANCH
300
250
<0.33
FSL4D
FSL5D
0.74
FSL6D
FSL7D
0.058
FSB108D
FSB76
FSL8D
0.9
FSL9D
NS
FSB88D
4.8
FSB89D
0.19
FSB111D
0.17
FSB114D
<0.20
FSB109D
14
FSB90D
8
5.4
FSB107D
0.28
FSB91D
2
<0.33
FSB99D
FSB87D
1.8
FSB77
0.9
FSB92D
<0.33
FSB98D
0.12
FSB105DR
0.32
FSB93D
<0.33
FSB97D
0.35
FSB94DR
0.84
FSB95DR
0.52
FSB78
0.48
FSB119D
<0.20
FSB120D
<0.33
FSB118D
FSB123D
HSB143D
FSB113D
<0.20/
FSB106D
0.38
FSB117D
2
4
4.8
FSB110D
<0.33
FSB121DR
0.69
FSB79
FSB112D
0.18
<0.33
FSB104D
<0.20
FSB122D
<0.33
FSB116D
<0.33
FSB115D
BG045D
BG029D
BG050D
FSS1D
FSS2D
0.52
FSS4D
<0.33
FSS3D


OLD BURIAL GROUND
H-AREA
SEEPAGE BASINS
200
250
250
300



-81.702

-81.626

0 900 1800 2700

Scale 1:900 FT
1:274 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 1st QUARTER '95

AQUIFER:

WATER TABLE

CONSTITUENT:

MERCURY

GWPS = 2 ug/L

"NS" = Not Sampled

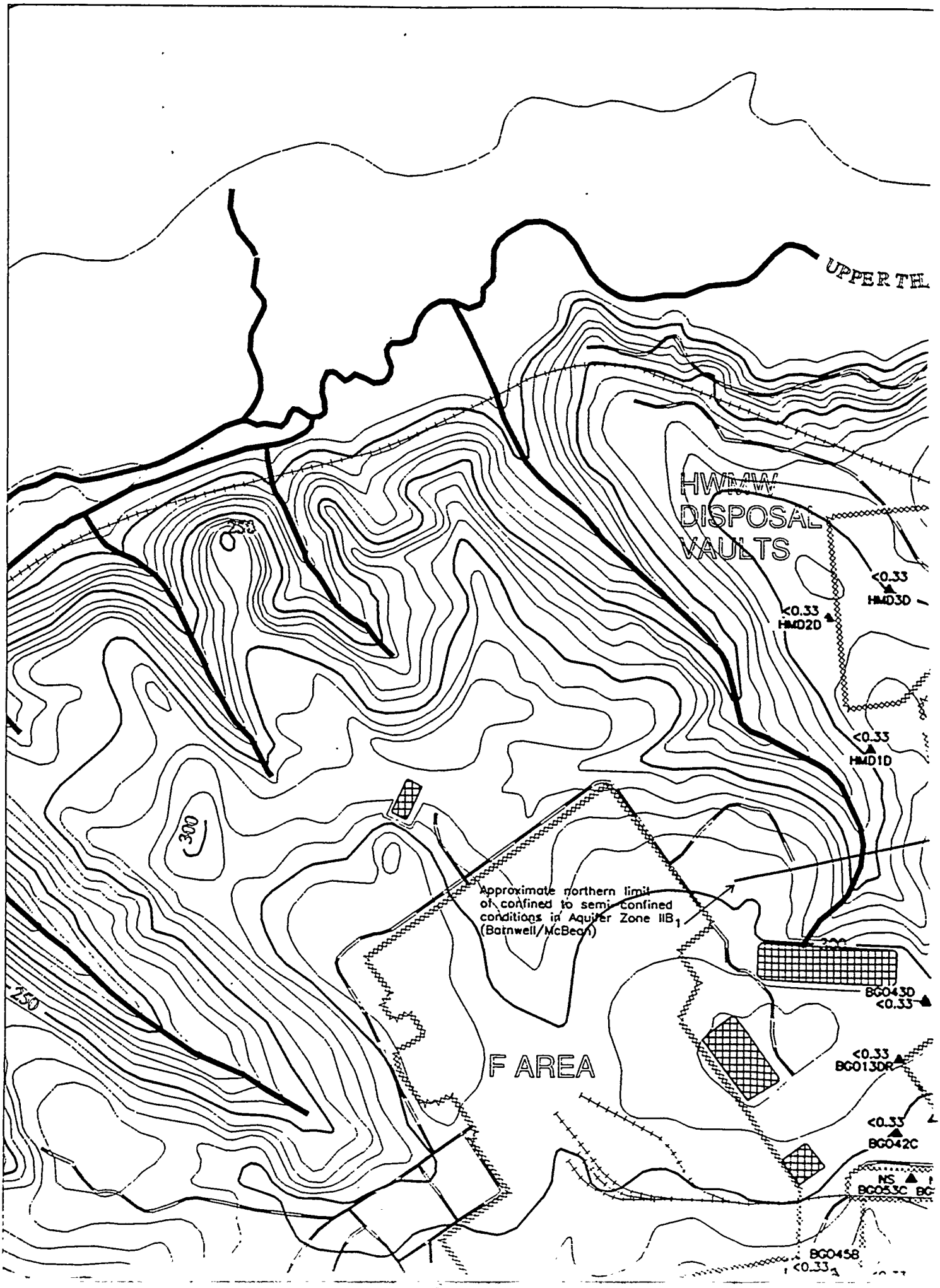
"*" = Wells Not Used to Contour

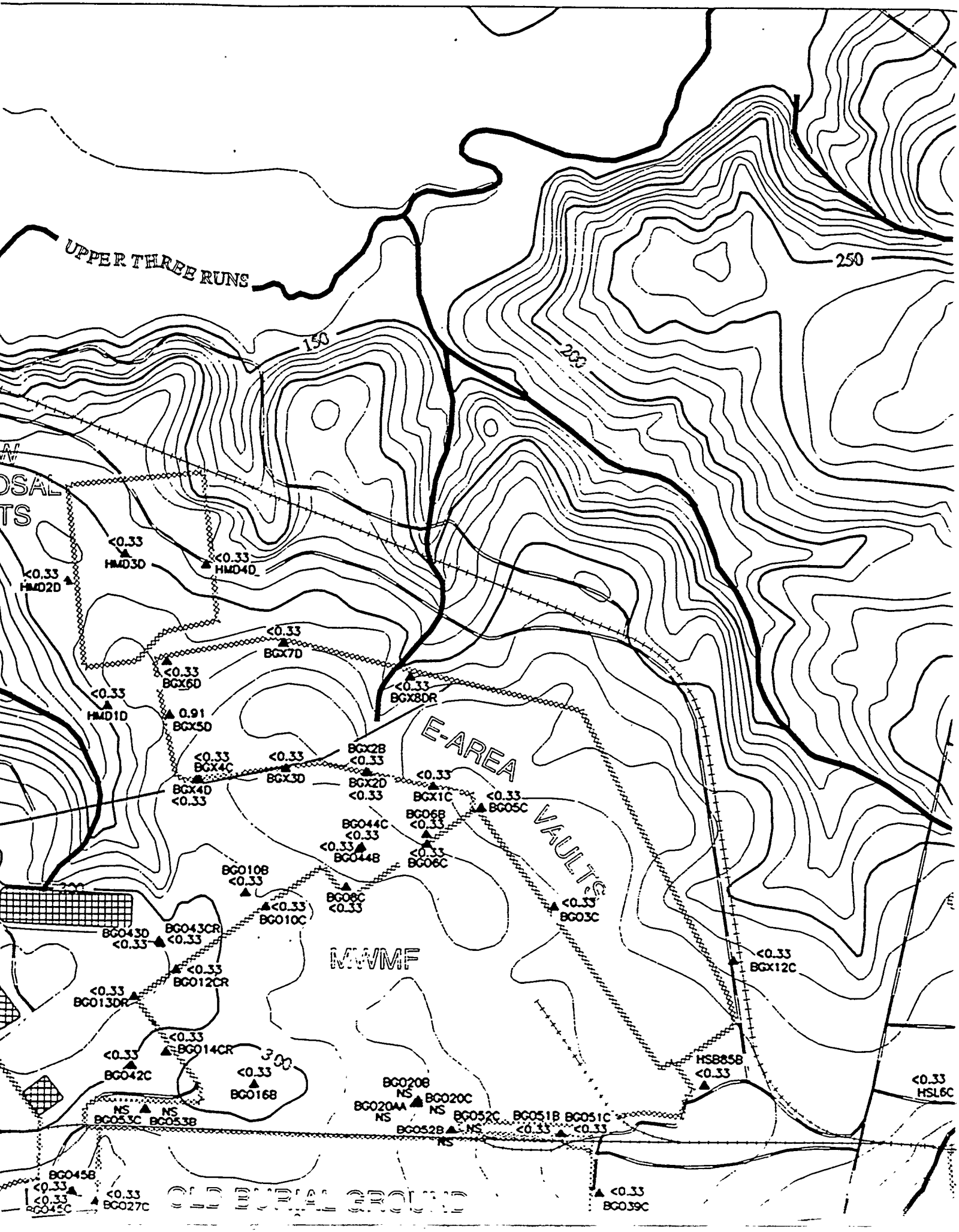
"NA" = Not Analyzed

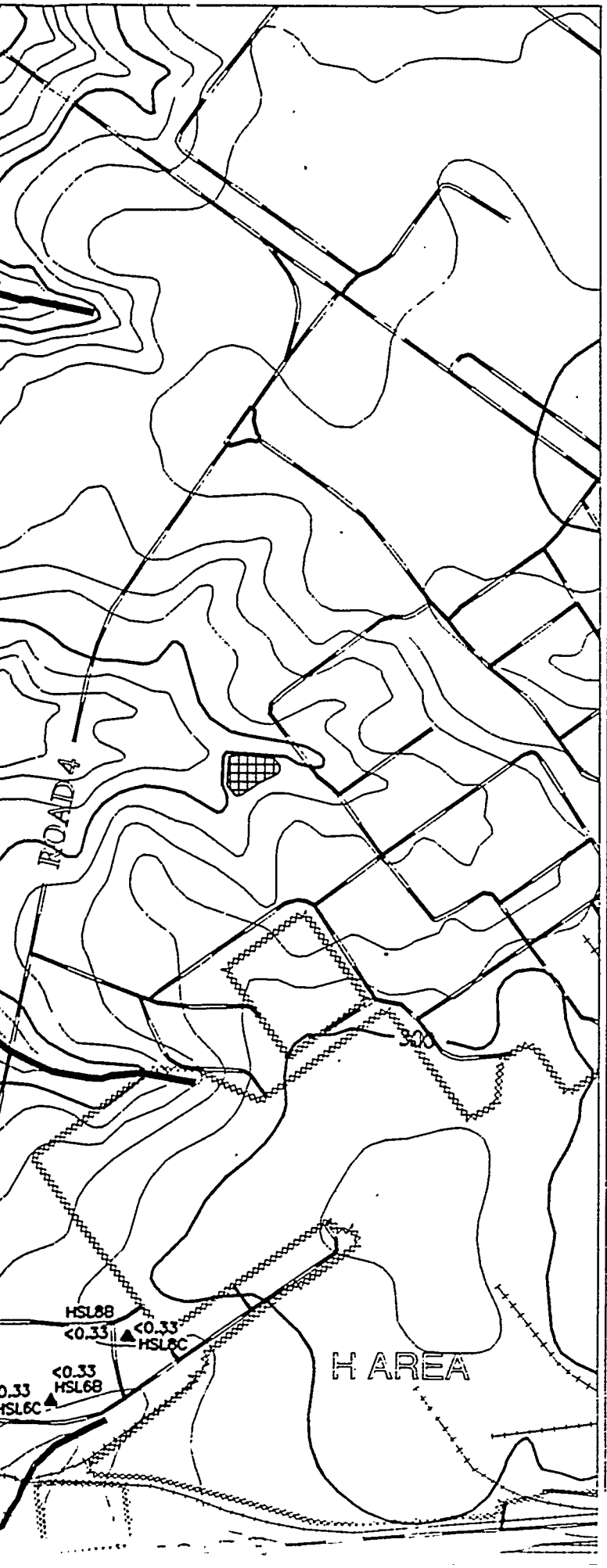
"UI" = Analyte Not Detected, Value Is Instrument Reading

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

EPD GIS Lab (803)725-1417


UPPER THE
HWMA/MW
DISPOSAL
VAULTS
<0.33
HMD3D
<0.33
HMD2D
<0.33
HMD1D
Approximate northern limit
of confined to semi-confined
conditions in Aquifer Zone IIB1
(Bamwell/McBean)
BG043D
<0.33
F AREA
<0.33
BG013DR
<0.33
BG042C
NS
BG053C
BG
BG045B
<0.33
250
300
250

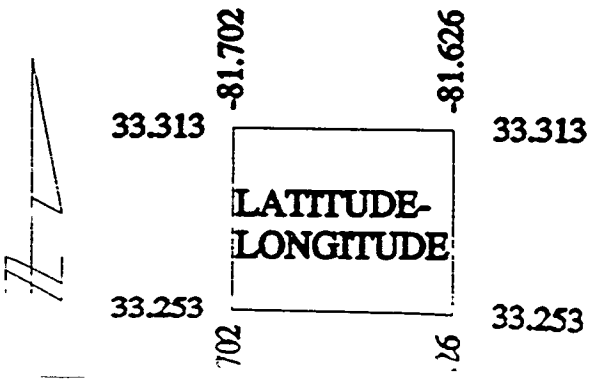

UPPER THREE RUNS
250
200
150
300
E-AREA VAULTS
MMMF
OLD BURIAL GROUND
<0.33 HMD3D
<0.33 HMD4D
<0.33 HMD2D
<0.33 BGX7D
<0.33 BGX6D
<0.33 BGX8DR
<0.33 HMD1D
0.91 BGX5D
<0.33 BGX4C
<0.33 BGX3D
BGX2B <0.33
BGX2D <0.33
BGX4D <0.33
<0.33 BGX1C
<0.33 BG05C
BG06B <0.33
BG044C <0.33
<0.33 BG044B
<0.33 BG06C
BG010B <0.33
<0.33 BG010C
BG08C <0.33
<0.33 BG03C
BG043D <0.33
BG043CR <0.33
<0.33 BG012CR
<0.33 BG013DR
<0.33 BG014CR
<0.33 BG042C
<0.33 BG016B
<0.33 BGX12C
HSB85B <0.33
<0.33 HSL6C
BG020B NS
BG020AA NS
BG020C NS
BG052C
BG051B
BG051C
BG052B NS
<0.33
<0.33
NS BG053C
NS BG053B
BG045B <0.33
<0.33 BG045C
<0.33 BG027C
<0.33 BG039C

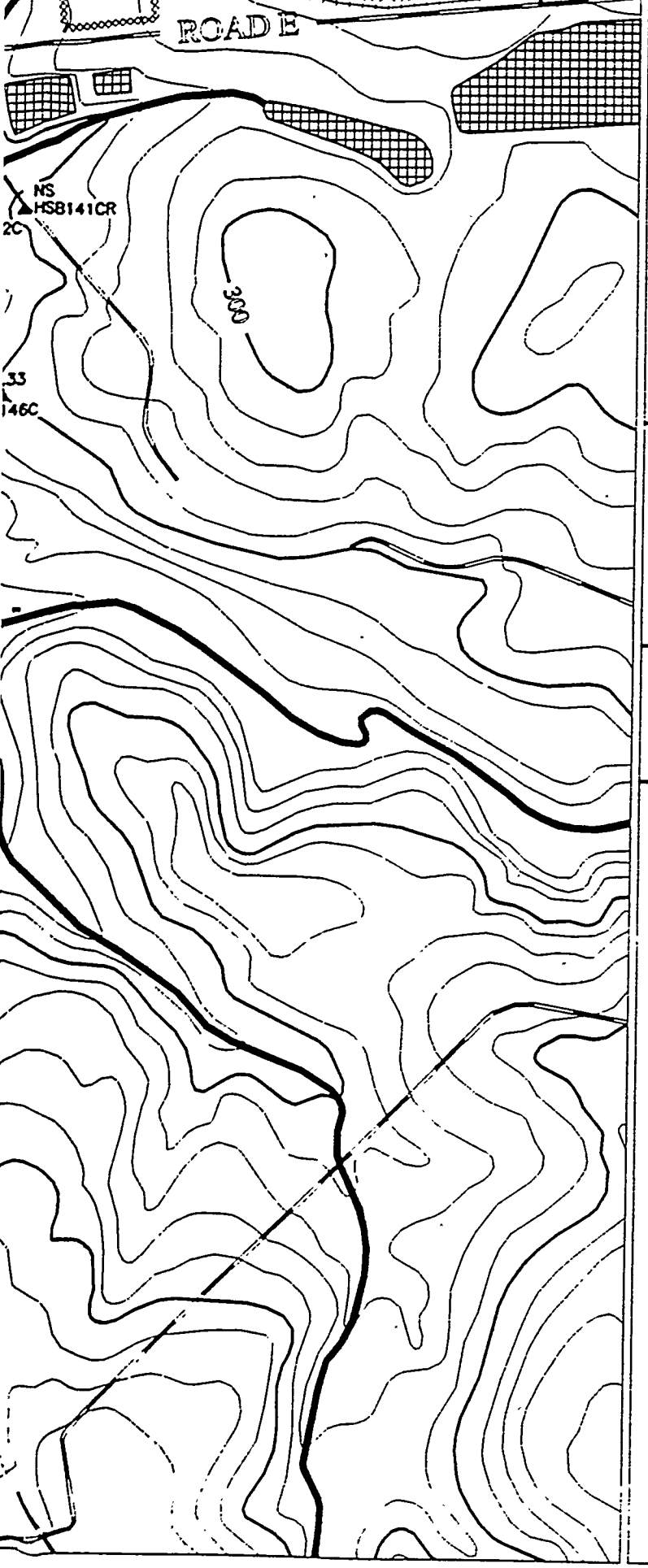


REFERENCE DOCUMENT

WSRC-TR-95-0146-2 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-2 H-Area Seepage Basins Groundwater Monitoring Report

- 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





-81.702

-81.626

0 900 1800 2700

Scale 1:900 FT
1:274 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 1st QUARTER '95

AQUIFER:

BARNWELL/McBEAN

CONSTITUENT:

MERCURY

GWPS = 2 ug/L

"NS" = Not Sampled

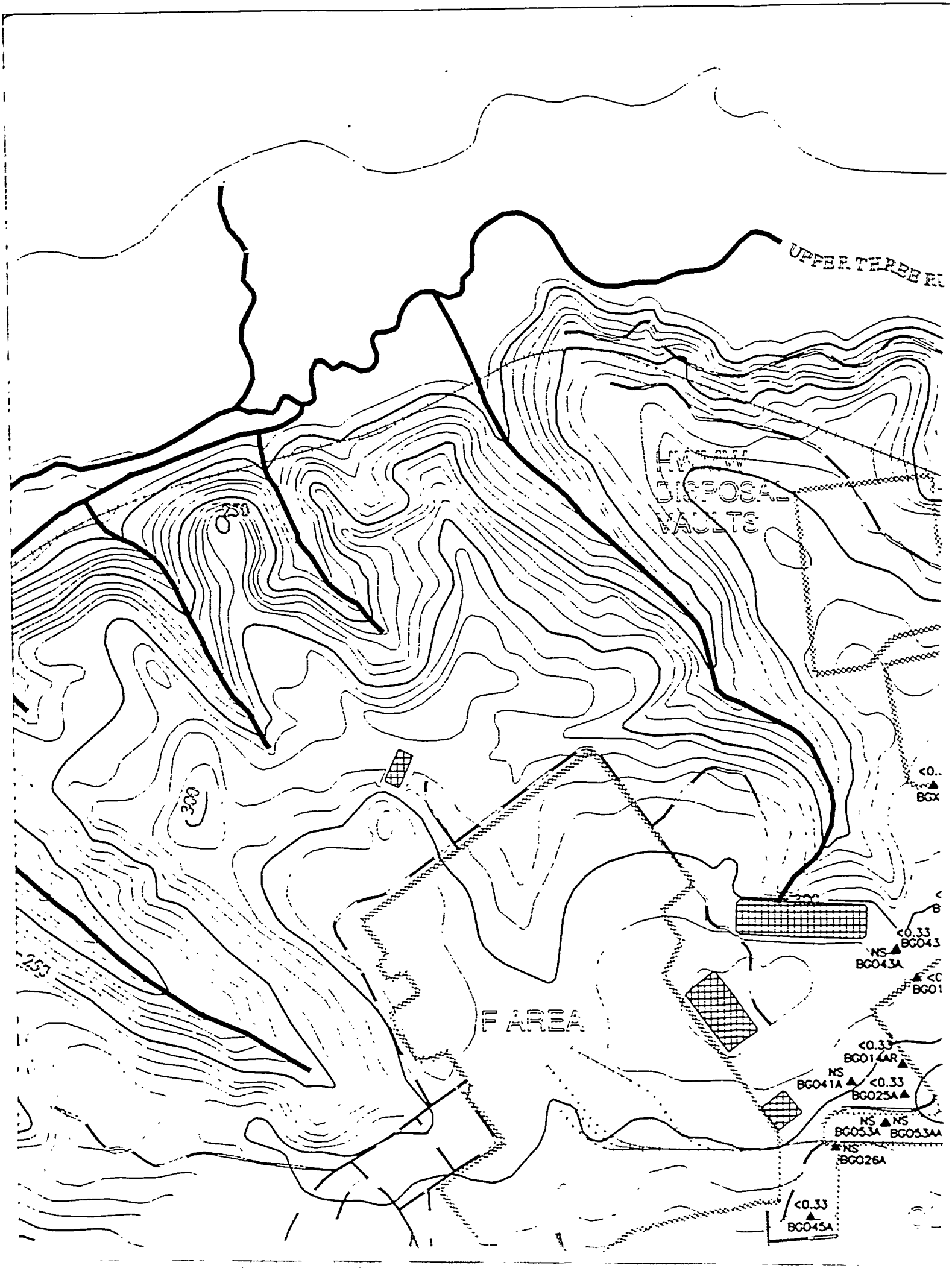
"*" = Wells Not Used to Contour

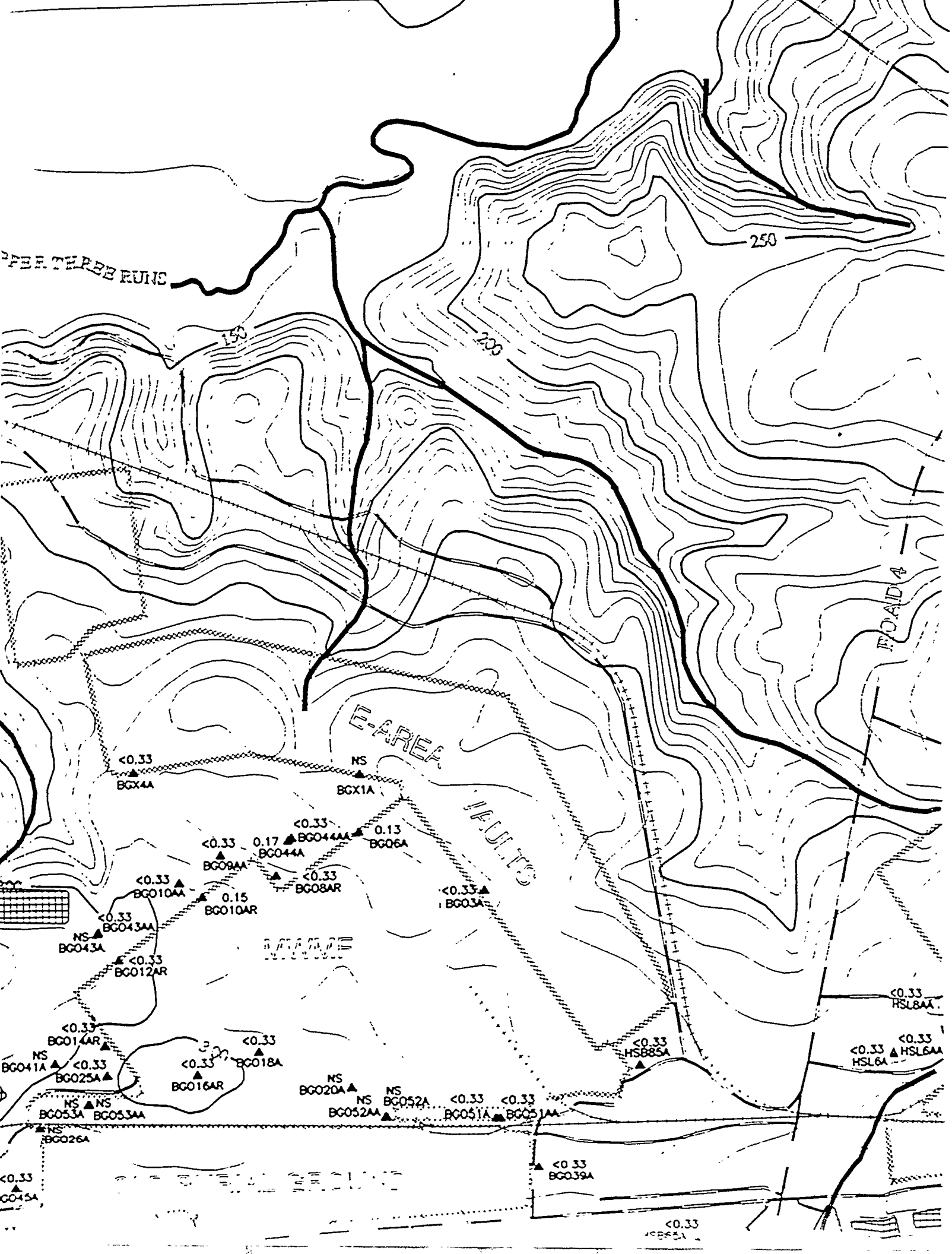
"NA" = Not Analyzed

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

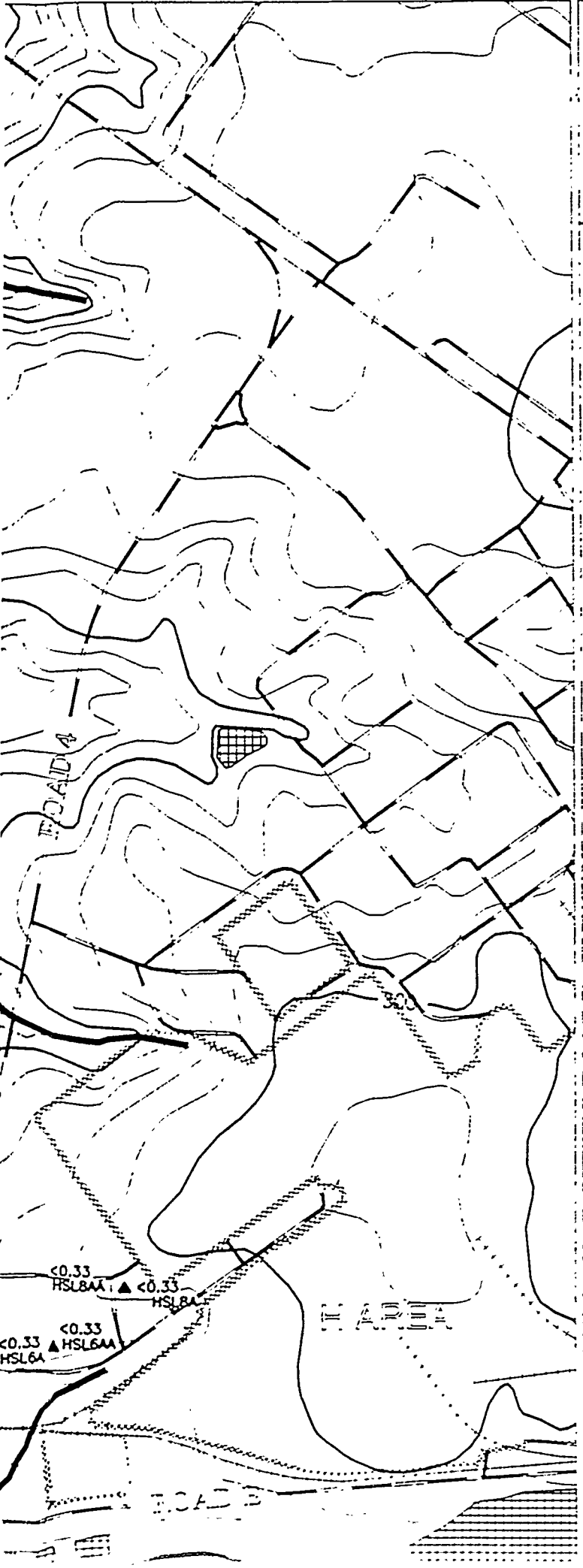
Contour Intervals at: 2, 4, 8 ug/L

EPD GIS Lab (803)725-1417


UPPER THREE RI
<0.33
BG043
NS
BG043A
<0.33
BG014AR
NS
BG041A
<0.33
BG025A
NS
BG053A
NS
BG053AA
NS
BG026A
<0.33
BG045A



PPER THREE RUNS
150
200
250
ROAD 4
E-AREA
VAULTS
<0.33
BGX4A
NS
BGX1A
<0.33
BGO44AA
0.13
BGO6A
<0.33
BGO9AA
0.17
BGO44A
<0.33
BGO8AR
<0.33
BGO10AA
0.15
BGO10AR
<0.33
BGO3A
<0.33
BGO43AA
NS
BGO43A
<0.33
BGO12AR
<0.33
HSL8AA
<0.33
BGO14AR
NS
BGO41A
<0.33
BGO25A
<0.33
BGO18A
<0.33
BGO16AR
<0.33
HSB85A
<0.33
HSL6A
<0.33
HSL6AA
NS
BGO20A
NS
BGO52A
NS
BGO52AA
<0.33
BGO51A
<0.33
BGO51AA
NS
BGO53A
NS
BGO53AA
NS
BGO26A
<0.33
BGO39A
<0.33
BGO45A
<0.33



REFERENCE DOCUMENT

WSRC-TR-95-0146-2 F-Area Seepage Basins Groundwater Monitoring Report

WSRC-TR-95-0147-2 H-Area Seepage Basins Groundwater Monitoring Report

- 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

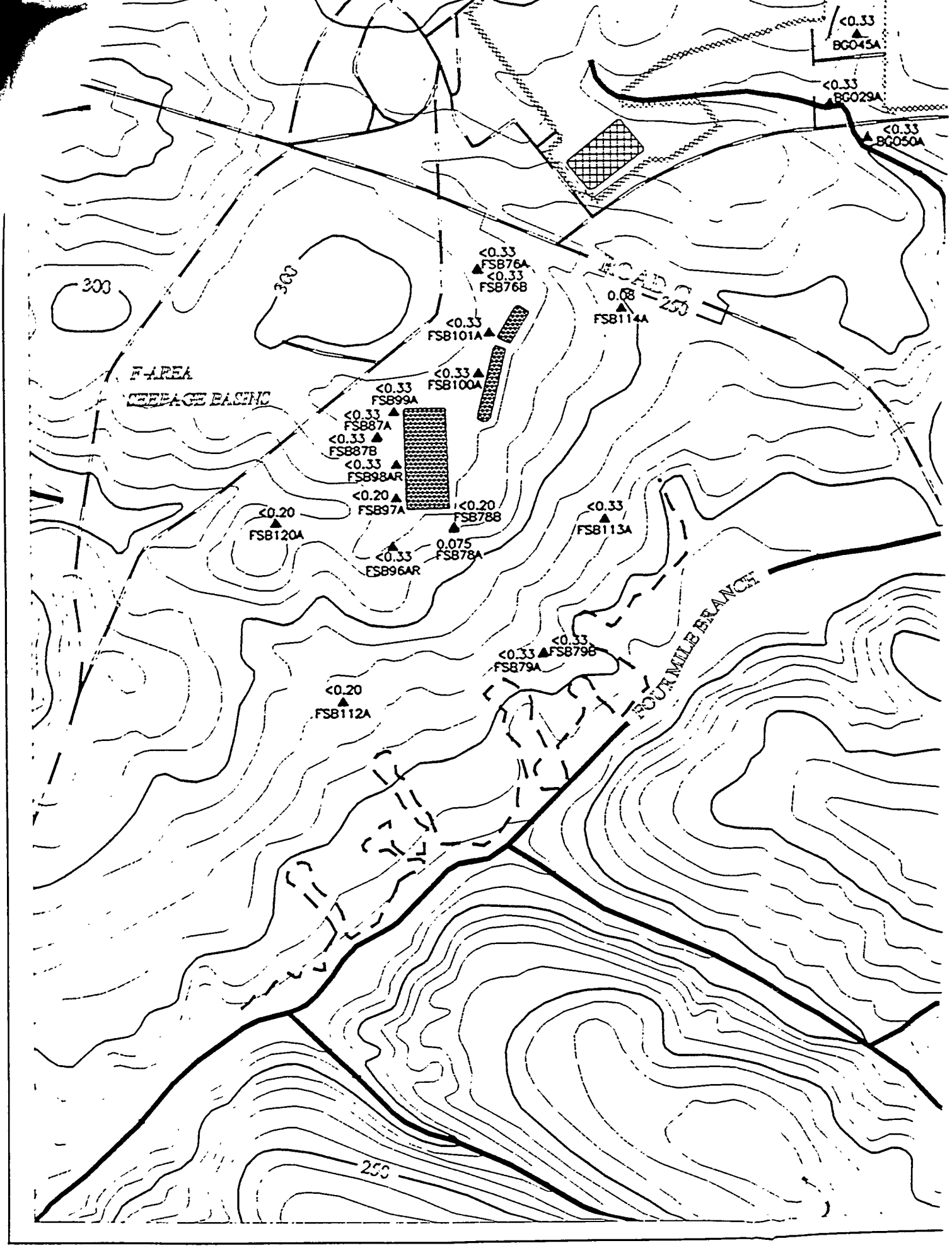
-81.702 -81.626

33.313 33.313

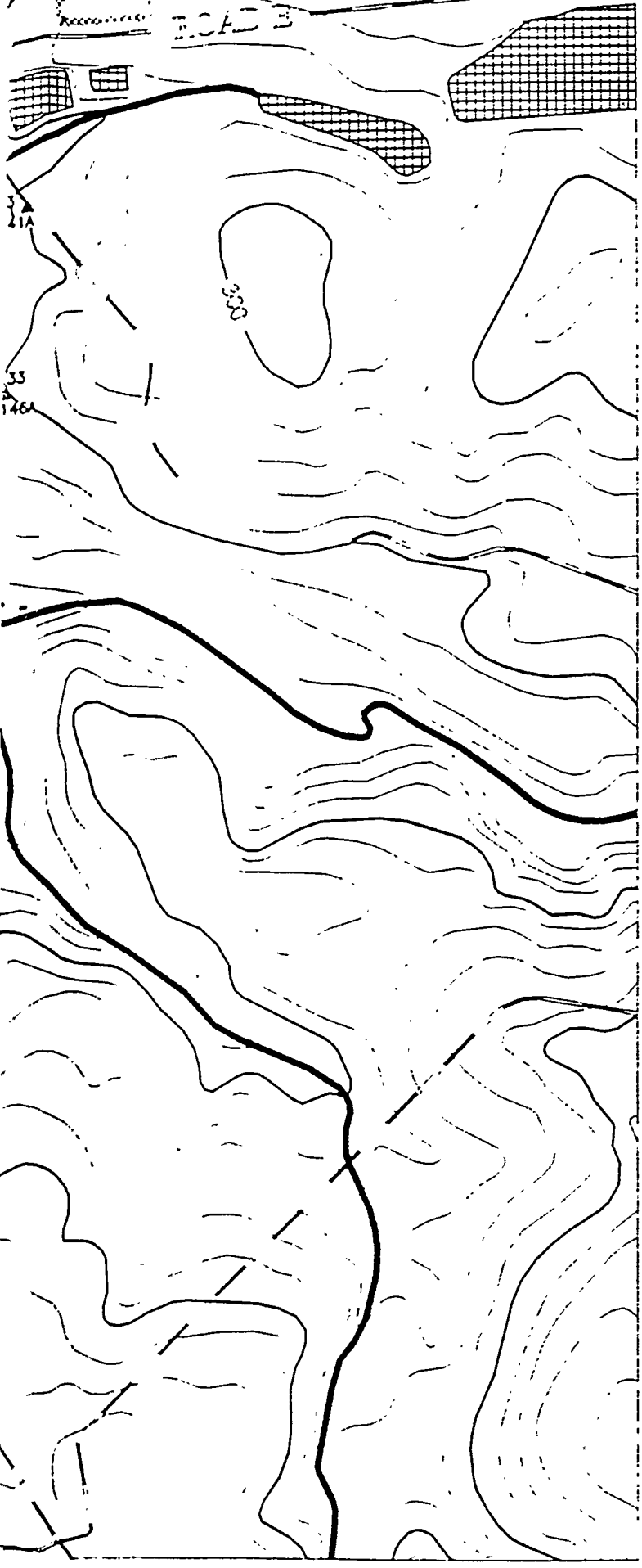
LATITUDE-LONGITUDE

33.253 33.253

-81.702 -81.626


<0.33
BG045A
<0.33
BG029A
<0.33
BG050A
<0.33
FSB76A
<0.33
FSB76B
0.08
FSB114A
<0.33
FSB101A
<0.33
FSB100A
F-AREA
SEEPAGE BASINS
<0.33
FSB99A
<0.33
FSB87A
<0.33
FSB87B
<0.33
FSB98AR
<0.20
FSB97A
<0.20
FSB120A
<0.20
FSB78B
0.075
FSB78A
<0.33
ESB96AR
<0.33
FSB113A
<0.33
FSB79B
<0.33
FSB79A
<0.20
FSB112A
FOUR MILE BRANCH
300
300
250
250

OLD BURIAL GROUND
H-AREA
SEEPAGE BASIN
<0.33 BG045A
<0.33 BG029A
<0.33 BG050A
<0.33 BG047A
<0.33 BG049A
<0.33 BG039A
<0.33 HSB120A
<0.33 HSB119A
<0.33 HSB118A
<0.33 HSB117A
<0.33 HSB86A
<0.33 HSB144A
<0.33 HSB84A
<0.33 HSB69A
0.07 HSB68A
<0.33 HSB139A
<0.33 HSB140A
<0.33 HSB65A
<0.33 HSB124AR
<0.33 HSB123A
<0.33 HSB122A
<0.33 HSB121A
<0.33 HSB83A
<0.33 HSB141A
<0.33 HSB146A
200
250
250
300



Scale 1:900 FT
1:274 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 1st QUARTER '95

AQUIFER:

CONGAREE

CONSTITUENT:

MERCURY

GWPS = 2 ug/L

"NS" = Not Sampled

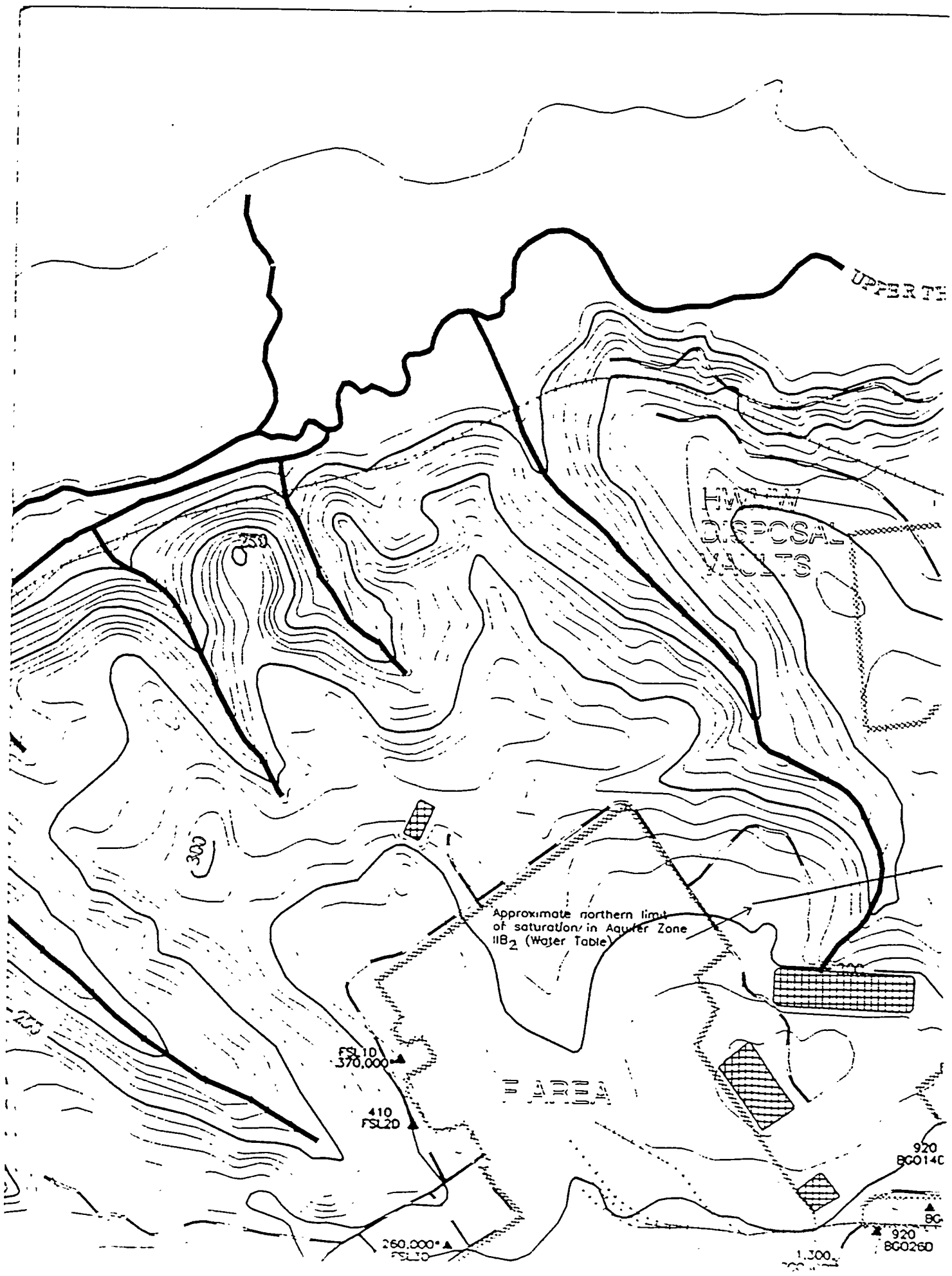
"*" = Wells Not Used to Contour

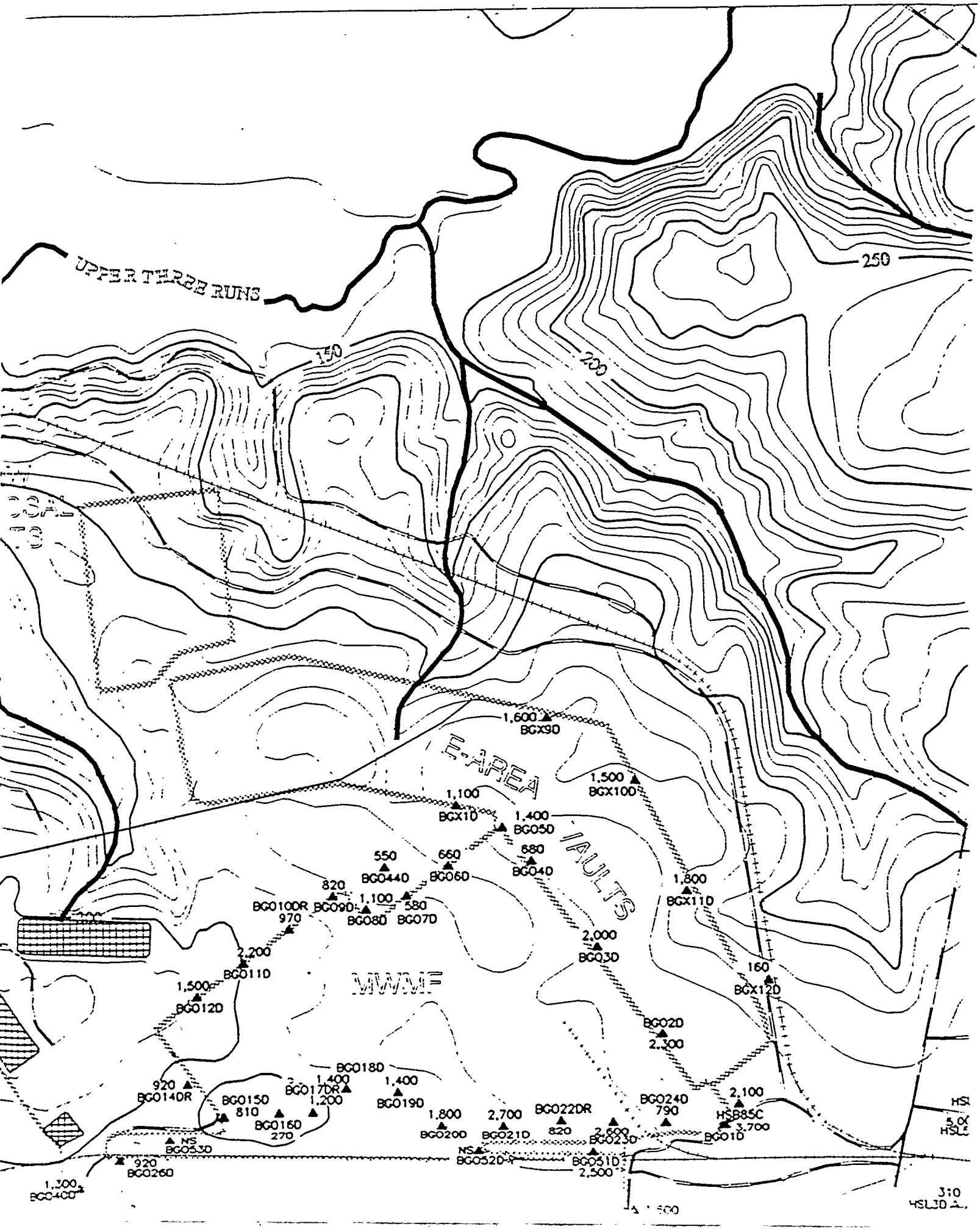
"NA" = Not Analyzed

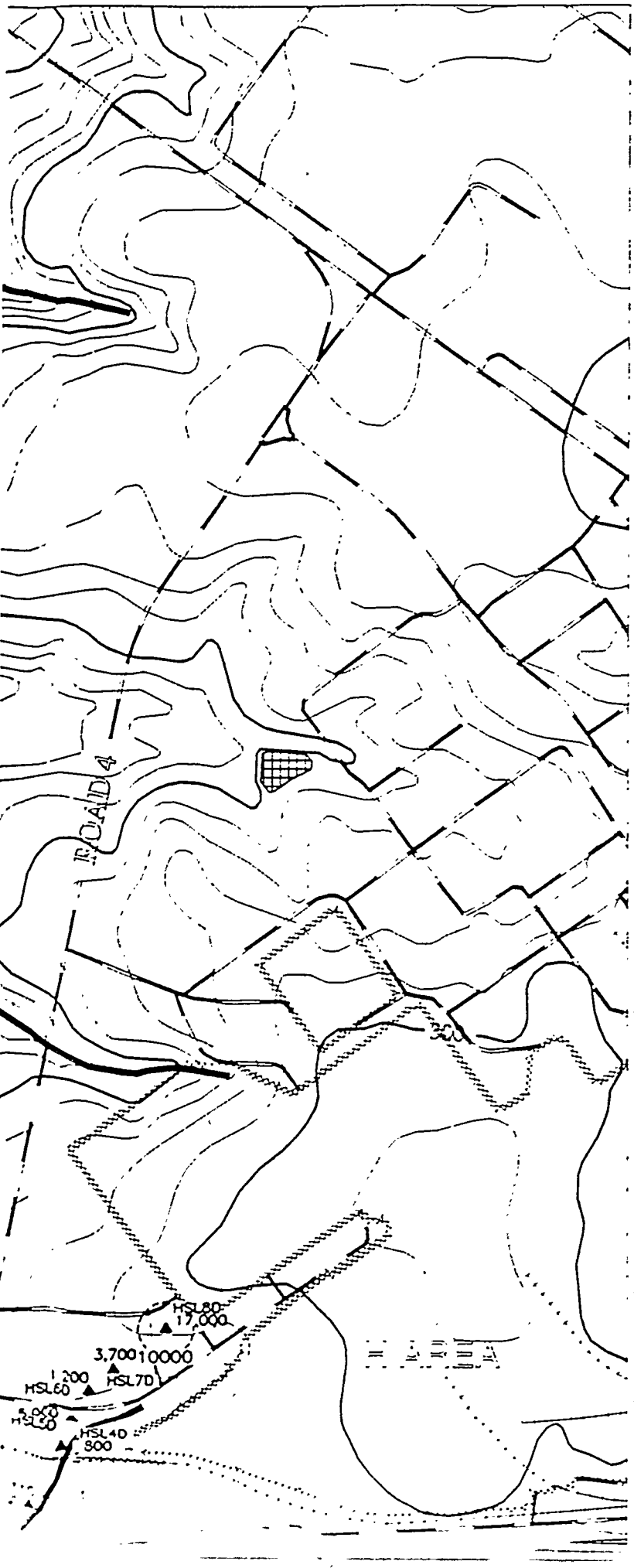
"UI" = Analyte Not Detected,
Value Is Instrument Reading

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

EPD GIS Lab (803)725-1417


UPPER TH
250
300
Approximate northern limit of saturation in Aquifer Zone IIB2 (Water Table)
FSL10
370.000
410
FSL20
920
BG0140
920
BG0260
260.000
FSL10


UPPER THREE RUNS
250
200
150
1,600
BGX90
1,500
BGX100
1,100
BGX10
1,400
BG050
680
BG040
660
BG060
550
BG0440
820
BG090
1,100
BG080
580
BG070
BG0100R
970
1,800
BGX110
2,000
BG030
160
BGX120
2,200
BG0110
1,500
BG0120
MMF
BG020
2,300
BG0180
1,400
BG017DR
1,200
1,400
BG0190
920
BG0140R
BG0150
810
BG0160
270
1,800
BG0200
2,700
BG021D
BG022DR
820
2,600
BG0230
BG0240
790
2,100
HSB85C
3,700
BG01D
NS
BG0530
NS
BG0520
BG051D
2,500
920
BG0260
1,300
BG0400
E-AREA VAULTS



REFERENCE DOCUMENT

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WSRC-TR-95-0147-2 H-Area Seepage Basins Groundwater Monitoring Report

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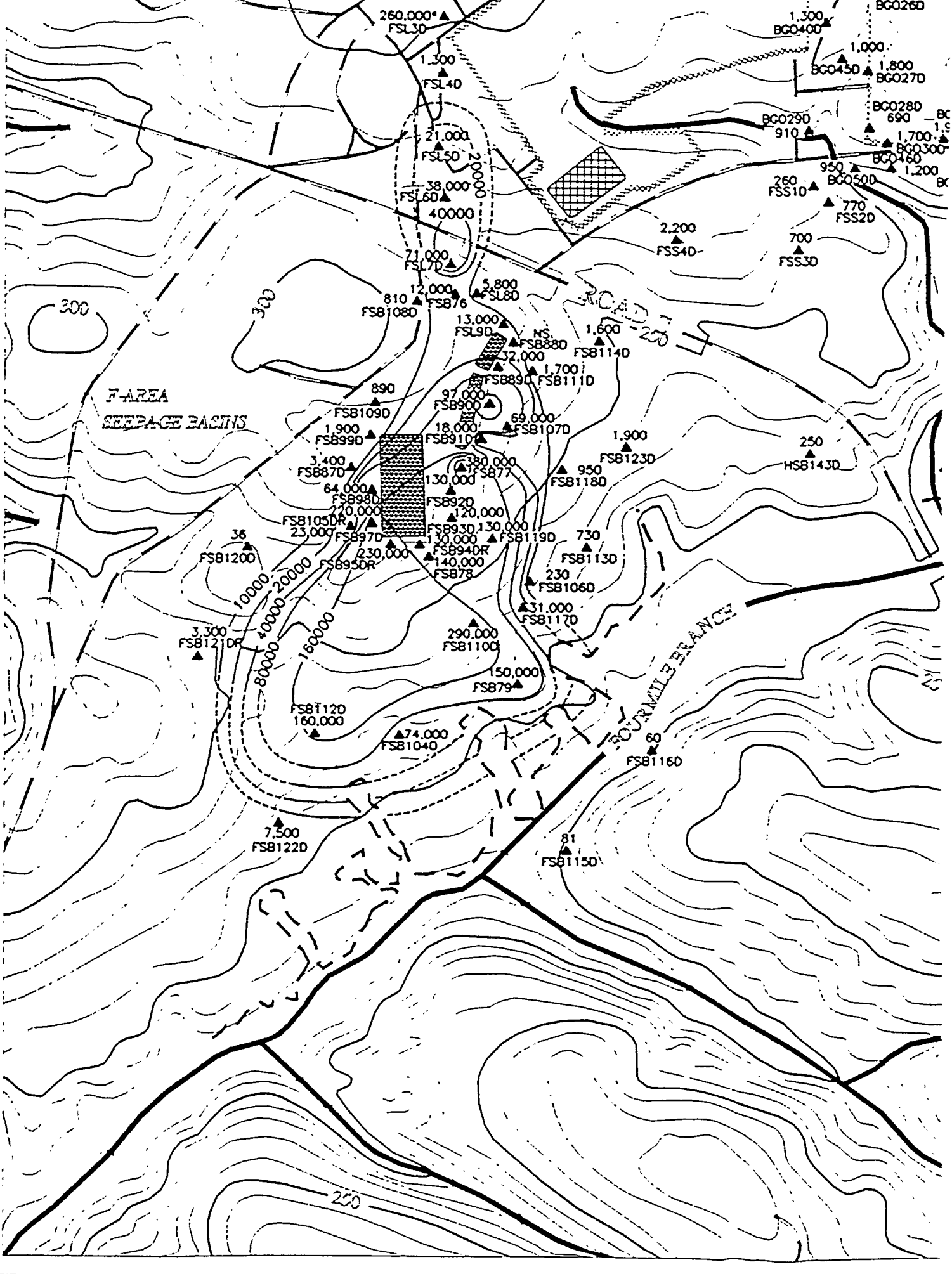
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

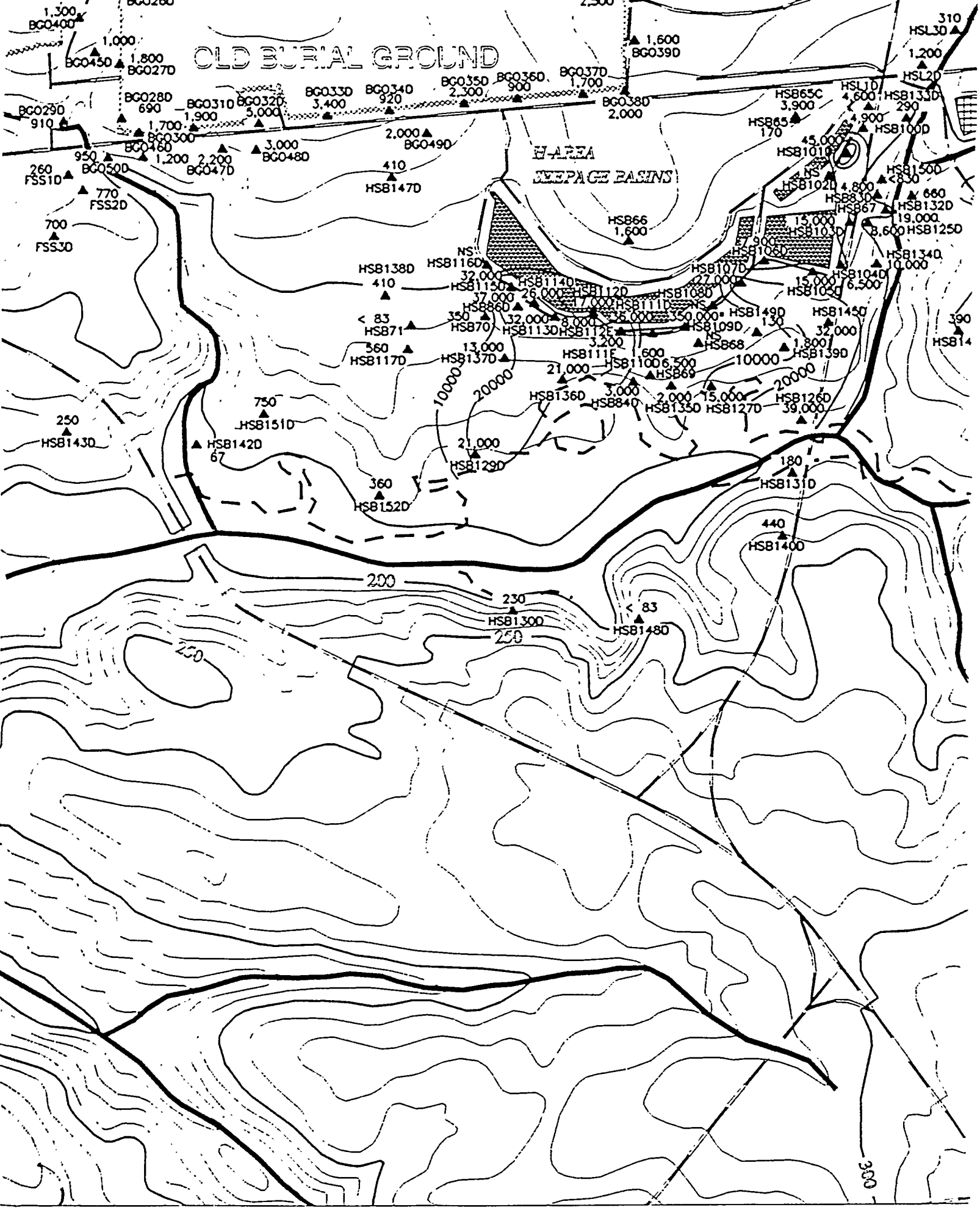
-81.702 -81.626

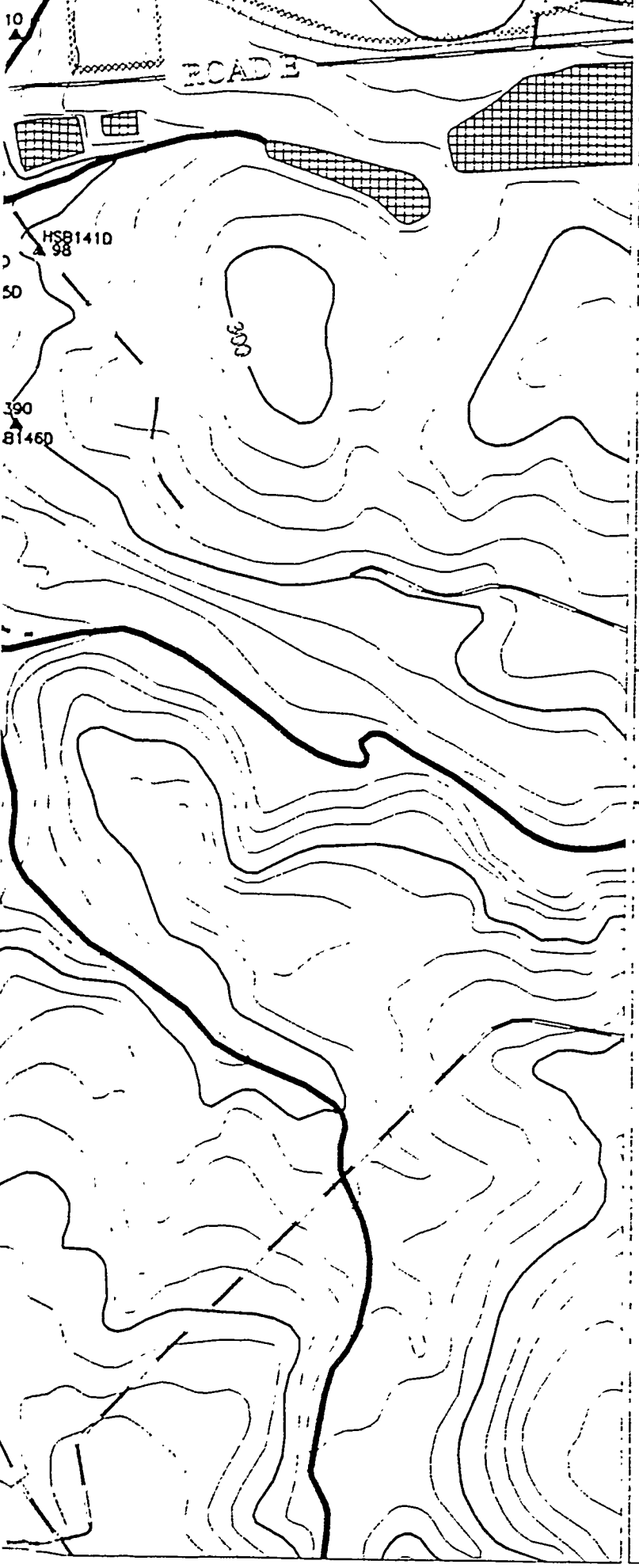
33.313 33.313

LATITUDE-LONGITUDE

33.253 33.253


F-AREA
SEEPAGE BASINS
ROAD
FOURMILE BRANCH
300
250
260.000
FSL30
1.300
FSL40
21.000
FSL50
38.000
FSL60
40000
71.000
FSL70
12.000
FSB876
5.800
SL80
810
FSB1080
13.000
FSL90
NS
FSB880
32.000
1.700
FSB889D
FSB111D
1.600
FSB1140
890
FSB109D
97.000
FSB900
69.000
FSB107D
1.900
FSB990
18.000
FSB910
3.400
FSB887D
380.000
FSB77
950
FSB1180
64.000
FSB980
130.000
FSB920
220.000
FSB105DR
120.000
FSB930
130.000
23,000
FSB970
130.000
FSB119D
730
FSB1130
36
FSB1200
230.000
FSB950R
FSB940R
140.000
FSB878
230
FSB1060
31.000
FSB1170
3,300
FSB1210R
290.000
FSB1100
150.000
FSB879
FSB1120
160,000
74.000
FSB1040
60
FSB1160
7,500
FSB1220
81
FSB1150
1.900
FSB1230
250
HSB1430
1.300
BG0400
BG0260
1,000
BG0450
1.800
BG0270
BG0280
690
BG0290
910
1.700
BG0300
BG0460
1.200
950
BG0500
260
FSS10
770
FSS20
2,200
FSS40
700
FSS30
10000
20000
40000
80000
160000


OLD BURIAL GROUND
H-AREA
SEEPAGE BASINS
BG040D
BG045D
BG027D
BG028D
BG029D
BG031D
BG032D
BG033D
BG034D
BG035D
BG036D
BG037D
BG038D
BG039D
BG030D
BG046D
BG047D
BG048D
BG049D
BG050D
FSS1D
FSS2D
FSS3D
HSB147D
HSB138D
HSB116D
HSB115D
HSB114D
HSB112D
HSB111D
HSB108D
HSB107D
HSB106D
HSB103D
HSB102D
HSB101D
HSB100D
HSB133D
HSL1D
HSL2D
HSL3D
HSB65C
HSB65
HSB66
HSB67
HSB83D
HSB132D
HSB125D
HSB134D
HSB104D
HSB105D
HSB149D
HSB145D
HSB109D
HSB68
HSB139D
HSB110D
HSB69
HSB136D
HSB84D
HSB135D
HSB127D
HSB126D
HSB113D
HSB112E
HSB111E
HSB86D
HSB70
HSB71
HSB117D
HSB137D
HSB151D
HSB142D
HSB143D
HSB129D
HSB152D
HSB131D
HSB140D
HSB130D
HSB148D
200
250
300
10000
20000



33.253 — 33.253

-81.702 -81.626

0 900 1800 2700

Scale 1:900 FT
1:274 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 1st QUARTER '95

AQUIFER:

WATER TABLE

CONSTITUENT:

NITRATE

GWPS = 10,000 ug/L

"NS" = Not Sampled

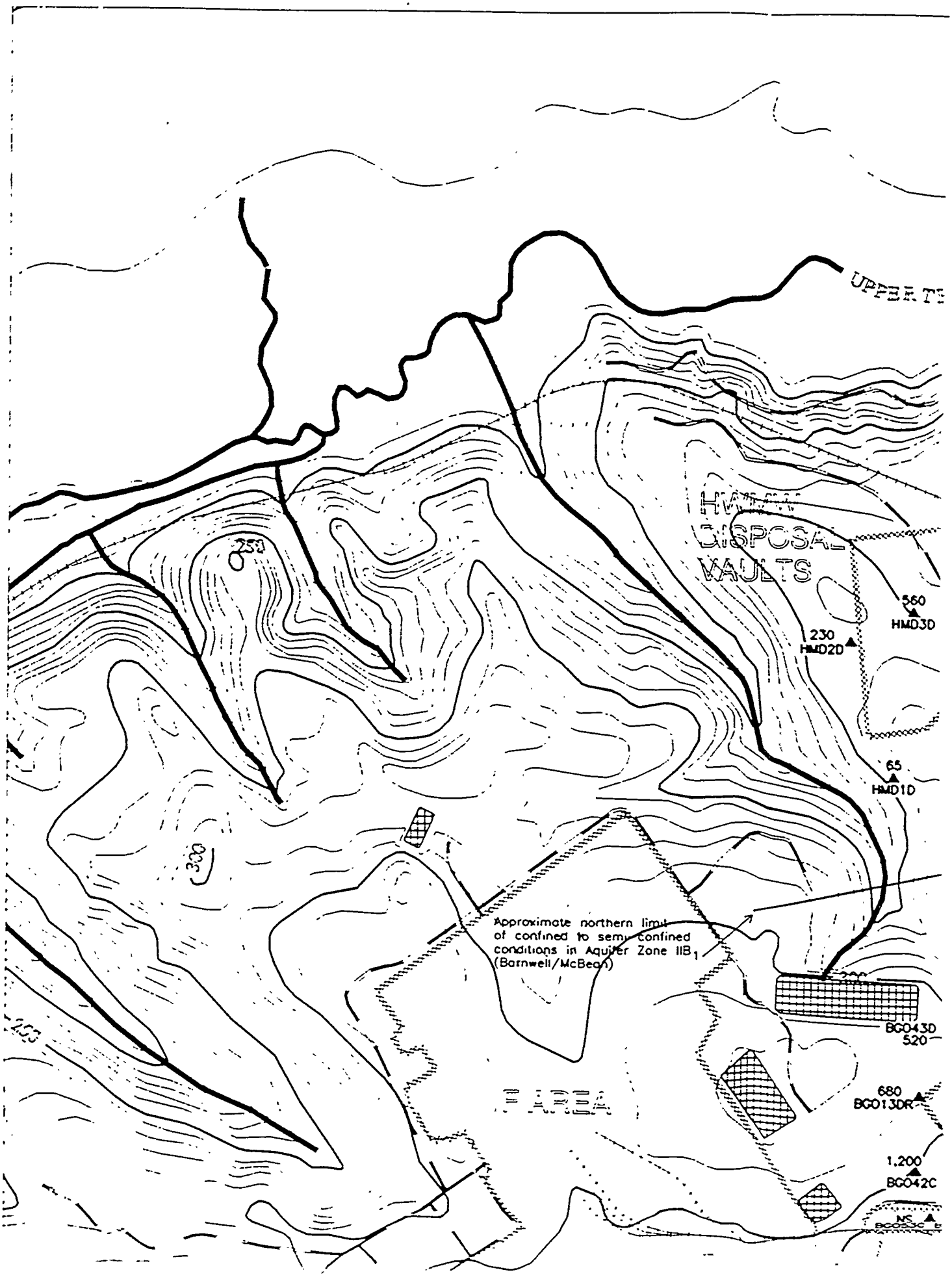
"*" = Wells Not Used to Contour

"NA" = Not Analyzed

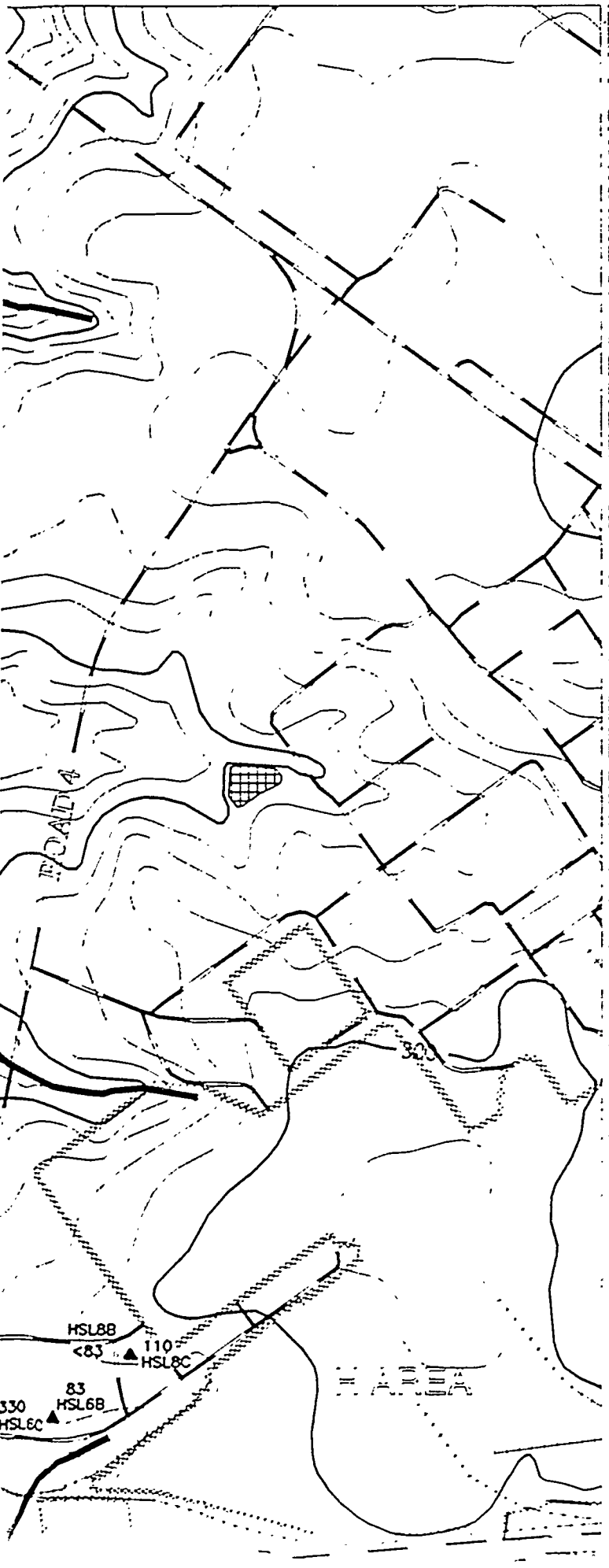
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 10000, 20000, 40000, 80000, 160000, 320000 ug/L

EPD GIS Lab (803)725-1417


UPPER TI
DISPOSAL
VAULTS
560
HMD3D
230
HMD2D
65
HMD1D
Approximate northern limit of confined to semi-confined conditions in Aquifer Zone IIB1 (Barnwell/McBean)
BG043D
520
680
BG013DR
1,200
BG042C
NS
BG035C

UPPER THREE RUNS
250
150
200
560
HMD3D
580
HMD4D
230
HMD2D
620
BGX7D
830
BGX6D
1,700
BGX8DR
65
HMD1D
1,300
BGX5D
700
BGX4C
700
BGX3D
BGX2B
600
BGX2D
1,500
BGX4D
1,500
510
BGX1C
1,100
BGC05C
F-AREA VAULTS
BGC44C
550
BGC68
380
<83
BGC44B
1,200
BGC06C
BGC10B
<83
BGC08C
520
860
BGC10C
560
BGC03C
BGC43D
520
BGC43CR
180
MAINE
130
BGX12C
680
BGC12CR
680
BGC13DR
840
BGC14CR
1,200
BGC42C
290
BGC16B
300
HSB85B
520
330
HSL
BGC20B
NS
BGC20C
BGC20AA
NS
NS
BGC52C
BGC51B
BGC51C
NS
NS
BGC53C
BGC53B
BGC52B
NS
<83
850
NS



REFERENCE DOCUMENT

WSRC-TR-95-0146-2 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-2 H-Area Seepage Basins Groundwater Monitoring Report

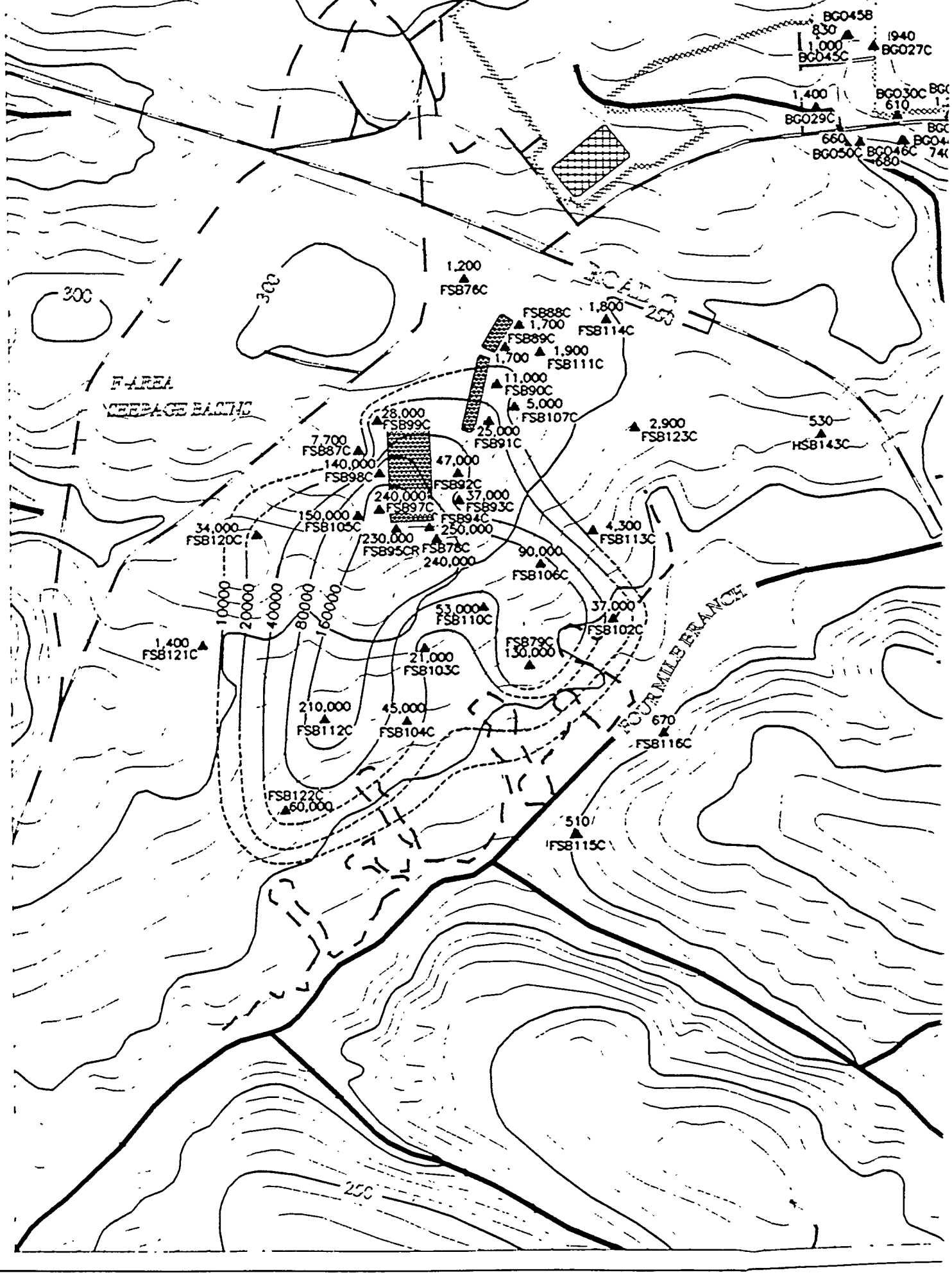
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- ▲ MONITORING WELL

-81.702 -81.626

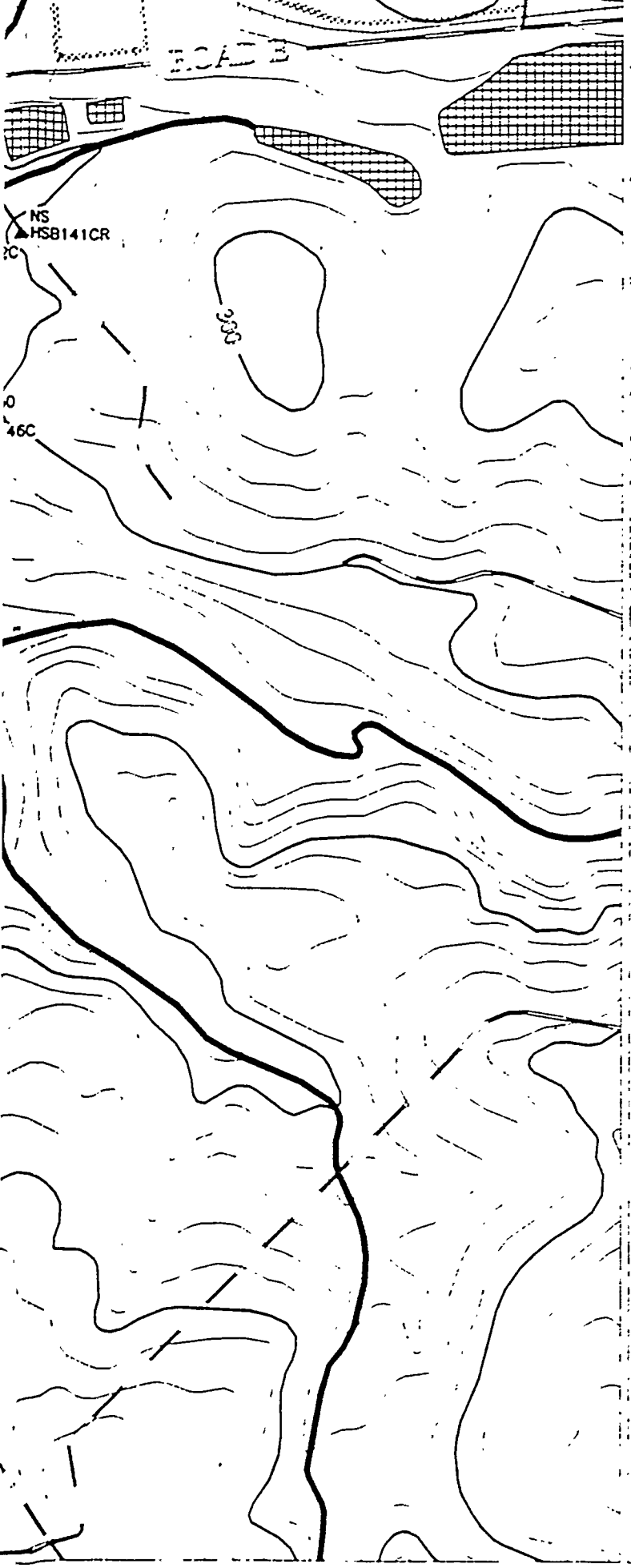
33.313 33.313

LATITUDE-LONGITUDE

33.253 33.253


BG045B
830
1,000
BG045C
1940
BG027C
1,400
BG029C
BG030C
610
660
BG050C
BG046C
680
1,200
FSB76C
300
300
200
F-AREA
SEEPAGE BASIN
FSB88C
1,700
FSB89C
1,800
FSB114C
1,700
1,900
FSB111C
11,000
FSB90C
5,000
FSB107C
28,000
FSB99C
25,000
FSB91C
2,900
FSB123C
530
HSB143C
7,700
FSB87C
140,000
FSB98C
47,000
FSB92C
240,000
FSB97C
37,000
FSB93C
150,000
FSB105C
FSB94C
34,000
FSB120C
230,000
FSB95CR
FSB78C
250,000
240,000
4,300
FSB113C
90,000
FSB106C
10000
20000
40000
80000
160000
53,000
FSB110C
37,000
FSB102C
1,400
FSB121C
21,000
FSB103C
FSB79C
130,000
FOUR MILE BRANCH
210,000
FSB112C
45,000
FSB104C
670
FSB116C
FSB122C
60,000
510
FSB115C
250

OLD BURIAL GROUND
H-AREA
SEEPAGE BASINS
BG045B
830
1,000
BG045C
940
BG027C
1,400
BG039C
BG030C
610
BG031C
1,200
1,100
BG033C
1,500
BG035C
NS
BG037C
HSB65B
<83
HSB133C
56
100
HSB100C
810
HSB101C
2,000
BG047C
BG046B
NS
BG048C
620
BG049C
660
BG050C
BG046C
740
680
18,000
HSB102C
82
HSB83C
<83
HSB83B
130
HSB132C
NS
HSB141C
21,000
79
HSB103C
HSB125C
HSB104C
6,400
HSB106C
32,000
HSB116C
HSB115C
33,000
HSB114C
36,000
HSB112C
19,000
HSB86C
44,000
<83
HSB110C
1,600
1,800
HSB108C
6,000
6,000
HSB107C
3,500
HSB105C
940
HSB134C
HSB71C
32,000
29,000
HSB70C
HSB86B
16,000
HSB113C
510
HSB109C
33,000
HSB145C
530
HSB146C
15,000
HSB111C
11,000
210
HSB68C
HSB68B
34,000
HSB139C
HSB137C
45,000
HSB117C
44,000
800
HSB84B
9,400
27,000
HSB136C
2,400
HSB84C
470
HSB135C
HSB127C
40000
20000
10000
9,400
HSB151C
530
B143C
7,900
HSB126C
300
HSB142C
17,000
HSB129C
HSB152C
9,600
3,200
HSB131C
480
HSB140C
200
170
HSB130C
410
HSB148C
250
250
300



-81.702 -81.626

0 900 1800 2700

Scale 1:900 FT
1:274 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 1st QUARTER '95

AQUIFER:

BARNWELL/McBEAN

CONSTITUENT:

NITRATE

GWPS = 10,000 ug/L

"NS" = Not Sampled

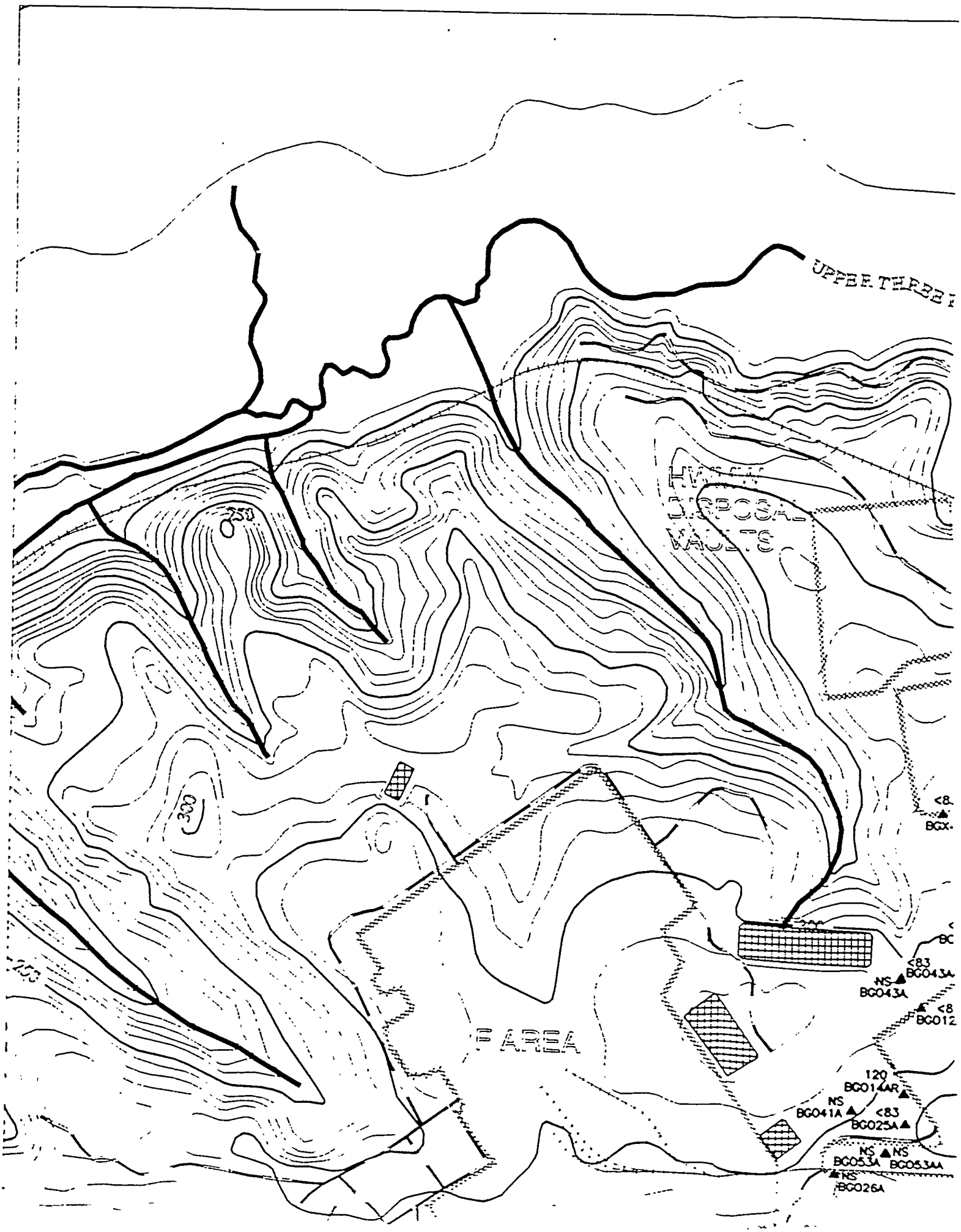
"*" = Wells Not Used to Contour

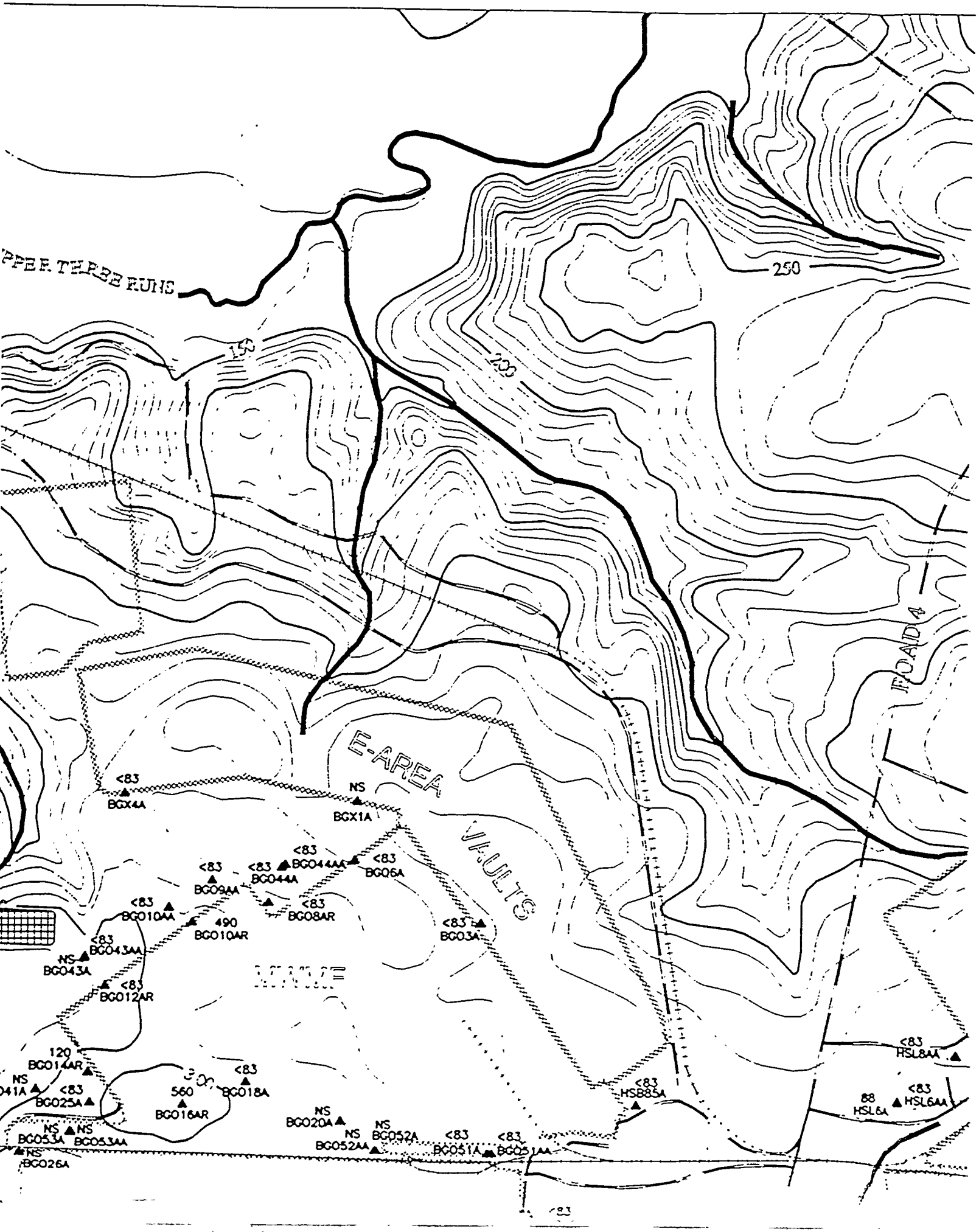
"NA" = Not Analyzed

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

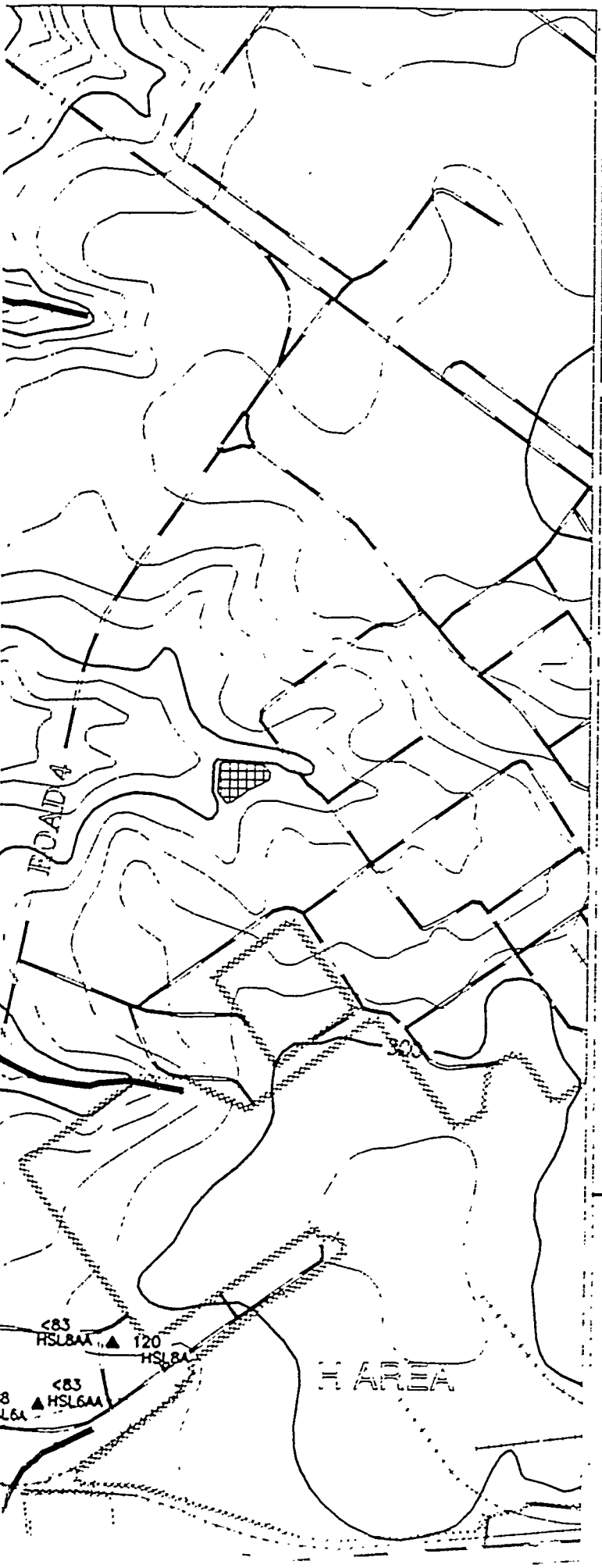
Contour Intervals at: 10000, 20000, 40000, 80000, 160000, 320000 ug/L

EPD GIS Lab (803)725-1417


UPPER THREE
DISPOSAL
VAULTS
250
300
F AREA
<83
BG043A
NS
BG043A
120
BG014AR
NS
BG041A
<83
BG025A
NS
BG053A
NS
BG053AA
NS
BG026A



PPER THREE RUNS
150
200
250
ROAD 4
E-AREA
VAULTS
<83
BGX4A
NS
BGX1A
<83
BG044AA
<83
BG06A
<83
BG09AA
<83
BG044A
<83
BG08AR
<83
BG010AA
490
BG010AR
<83
BG03A
<83
BG043AA
NS
BG043A
<83
BG012AR
120
BG014AR
NS
041A
<83
BG025A
<83
BG018A
560
BG016AR
NS
BG020A
NS
BG052A
NS
BG052AA
<83
BG051A
<83
BG051AA
NS
BG053A
NS
BG053AA
NS
BG026A
<83
HSB85A
<83
HSL8AA
88
HSL6A
<83
HSL6AA



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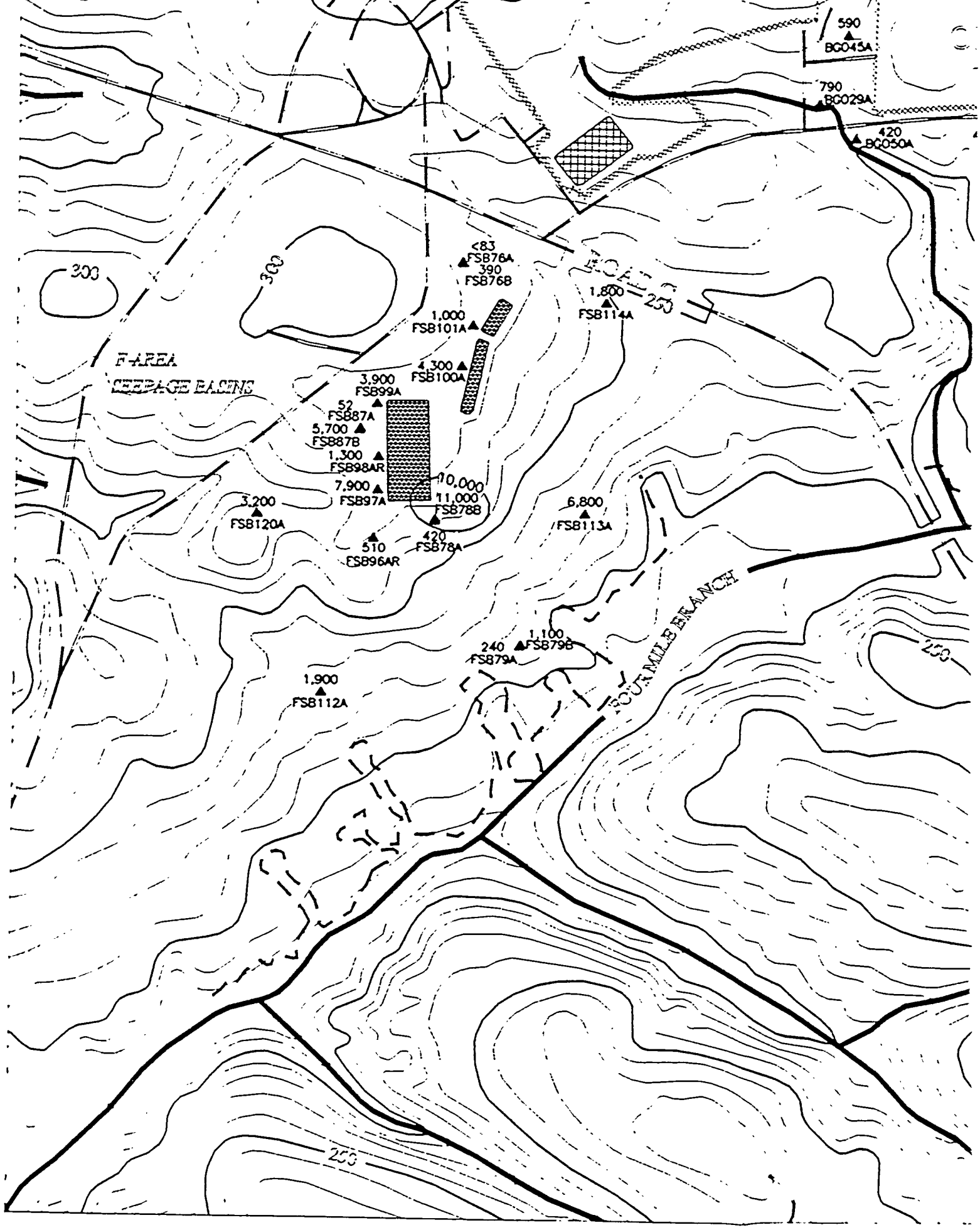
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

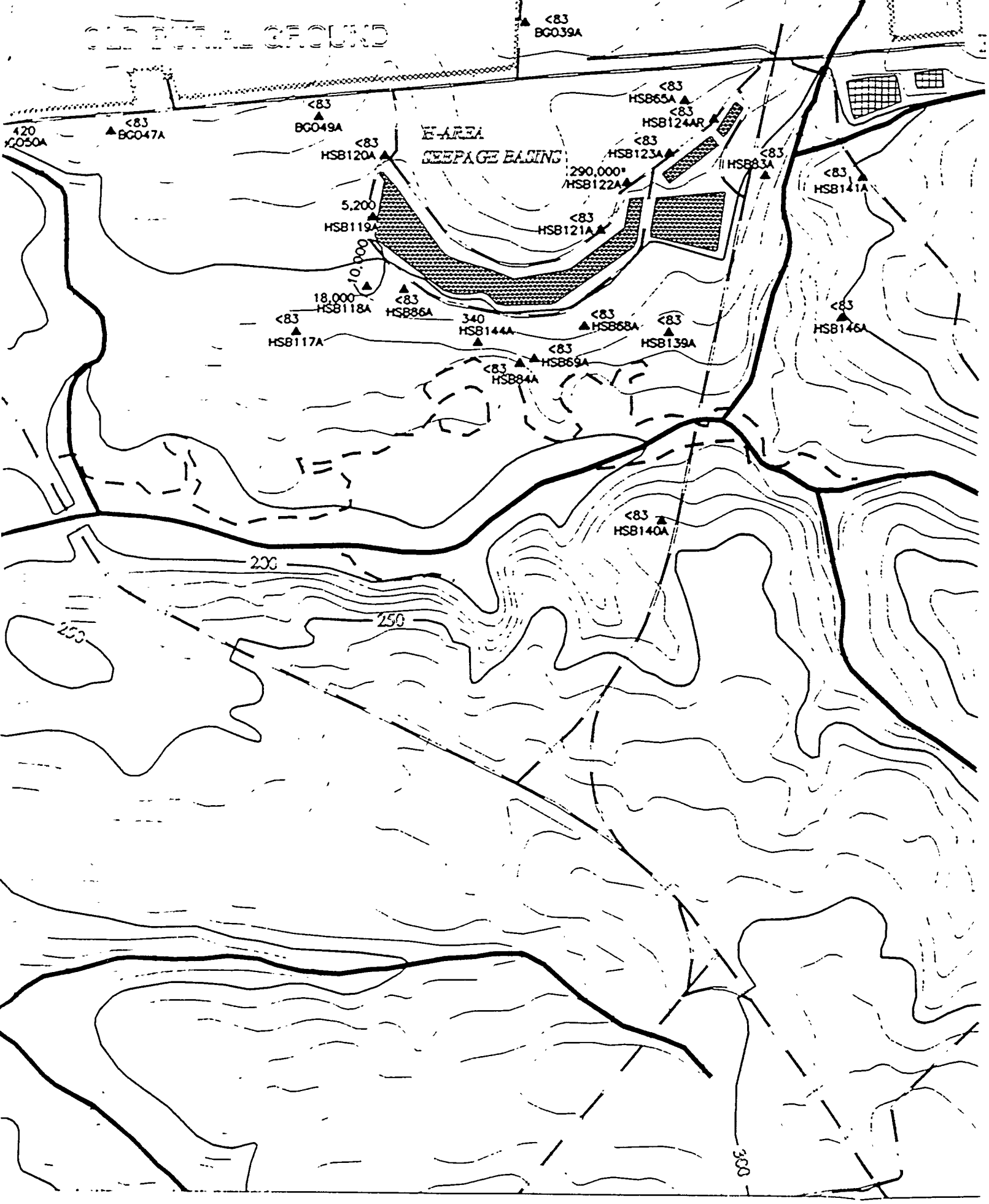
-81.702 -81.626

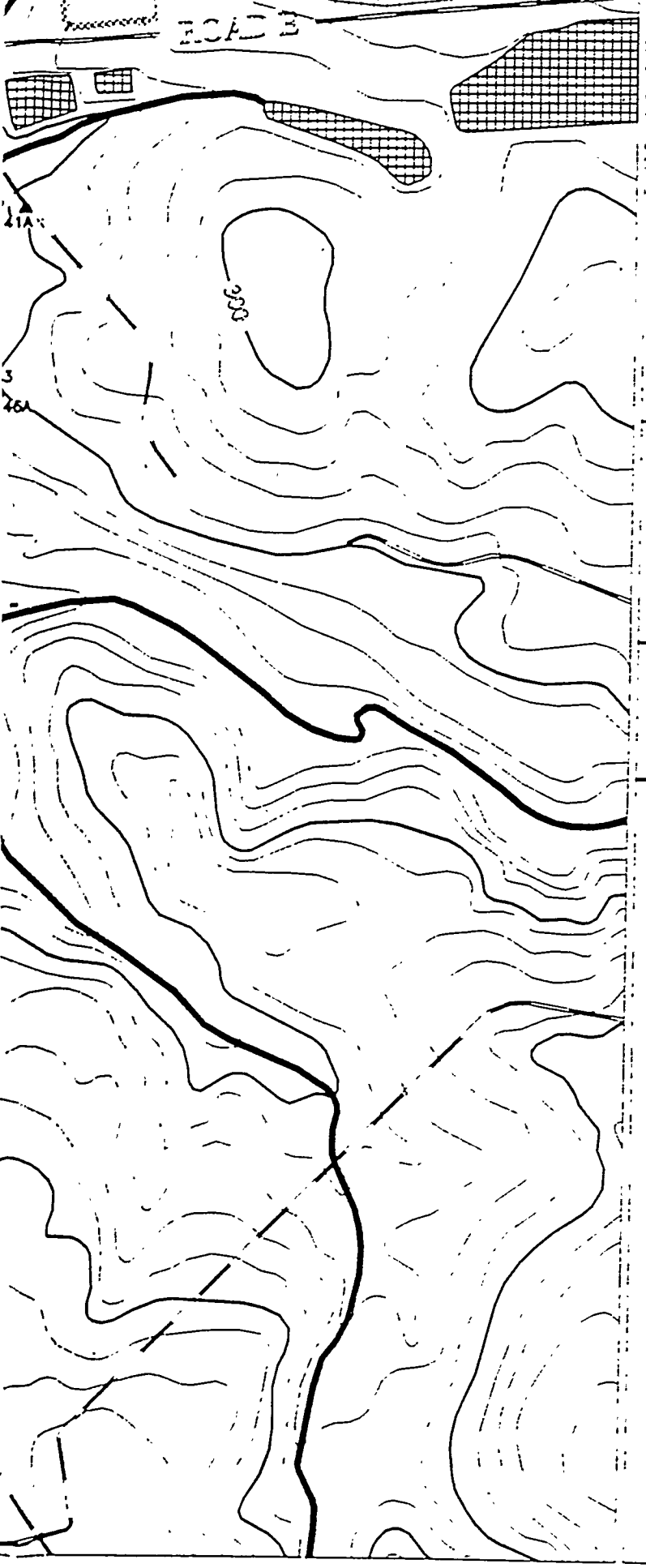
33.313 33.313

LATITUDE-LONGITUDE

33.253 33.253


590
BG045A
790
BG029A
420
BG050A
<83
FSB76A
390
FSB76B
1,800
FSB114A
1,000
FSB101A
4,300
FSB100A
F-AREA
SEEPAGE BASINS
3,900
FSB99A
52
FSB87A
5,700
FSB87B
1,300
FSB98AR
7,900
FSB97A
10,000
11,000
FSB78B
3,200
FSB120A
420
FSB78A
510
FSB96AR
6,800
FSB113A
240
FSB79A
1,100
FSB79B
1,900
FSB112A
FOURMILE BRANCH
300
250


E-AREA
SEEPAGE BASINS
<83
BG039A
<83
BG049A
<83
BG047A
420
BG050A
<83
HSB65A
<83
HSB124AR
<83
HSB123A
<83
HSB120A
290,000*
HSB122A
<83
HSB83A
<83
HSB141A
5,200
HSB119A
<83
HSB121A
10,000
18,000
HSB118A
<83
HSB86A
340
HSB144A
<83
HSB68A
<83
HSB139A
<83
HSB146A
<83
HSB117A
<83
HSB69A
<83
HSB84A
<83
HSB140A
200
250
250
300



-81.702

-81.626

0 900 1800 2700

Scale 1:900 FT
1:274 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 1st QUARTER '95

AQUIFER:

CONGAREE

CONSTITUENT:

NITRATE

GWPS = 10,000 ug/L

"NS" = Not Sampled

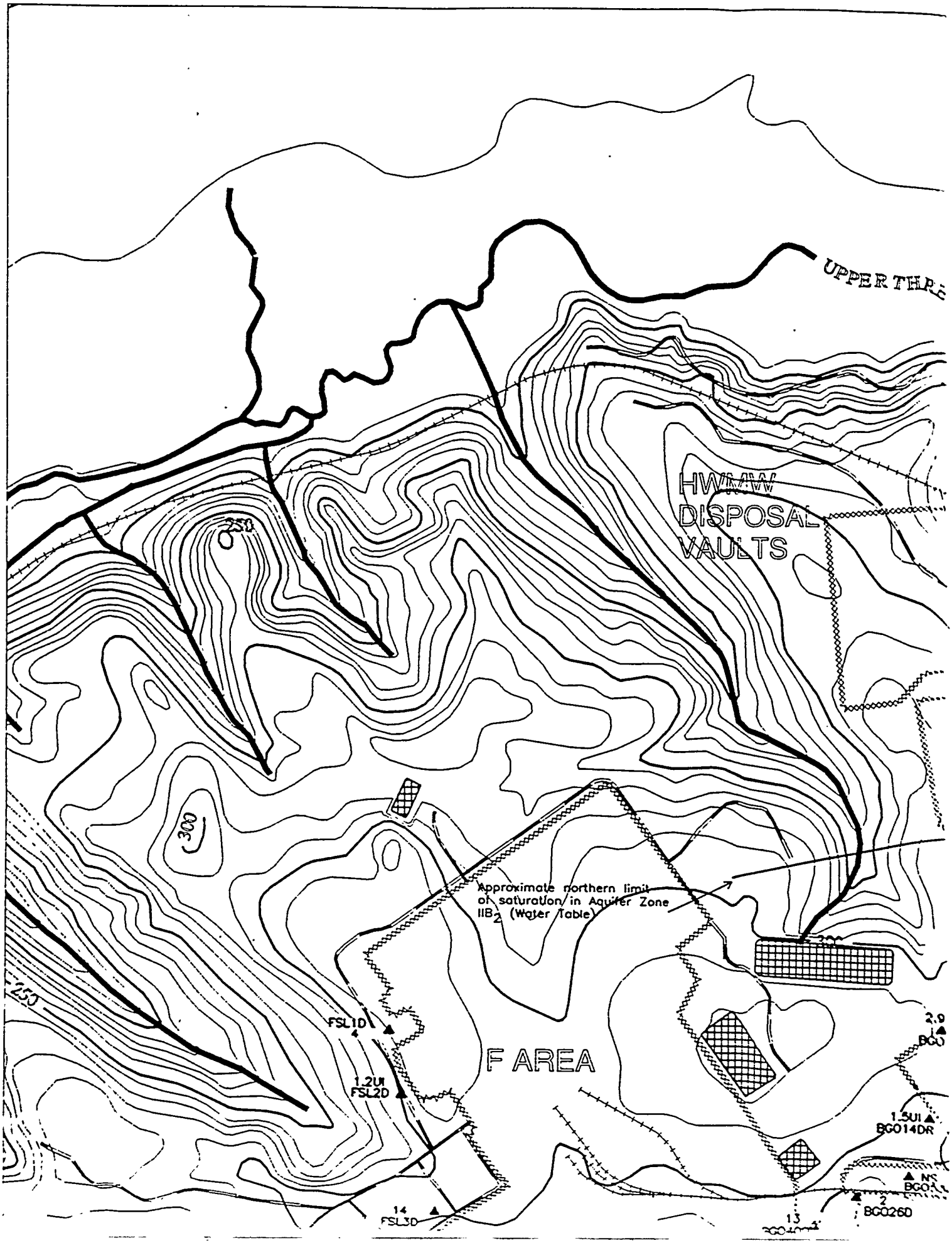
"*" = Wells Not Used to Contour

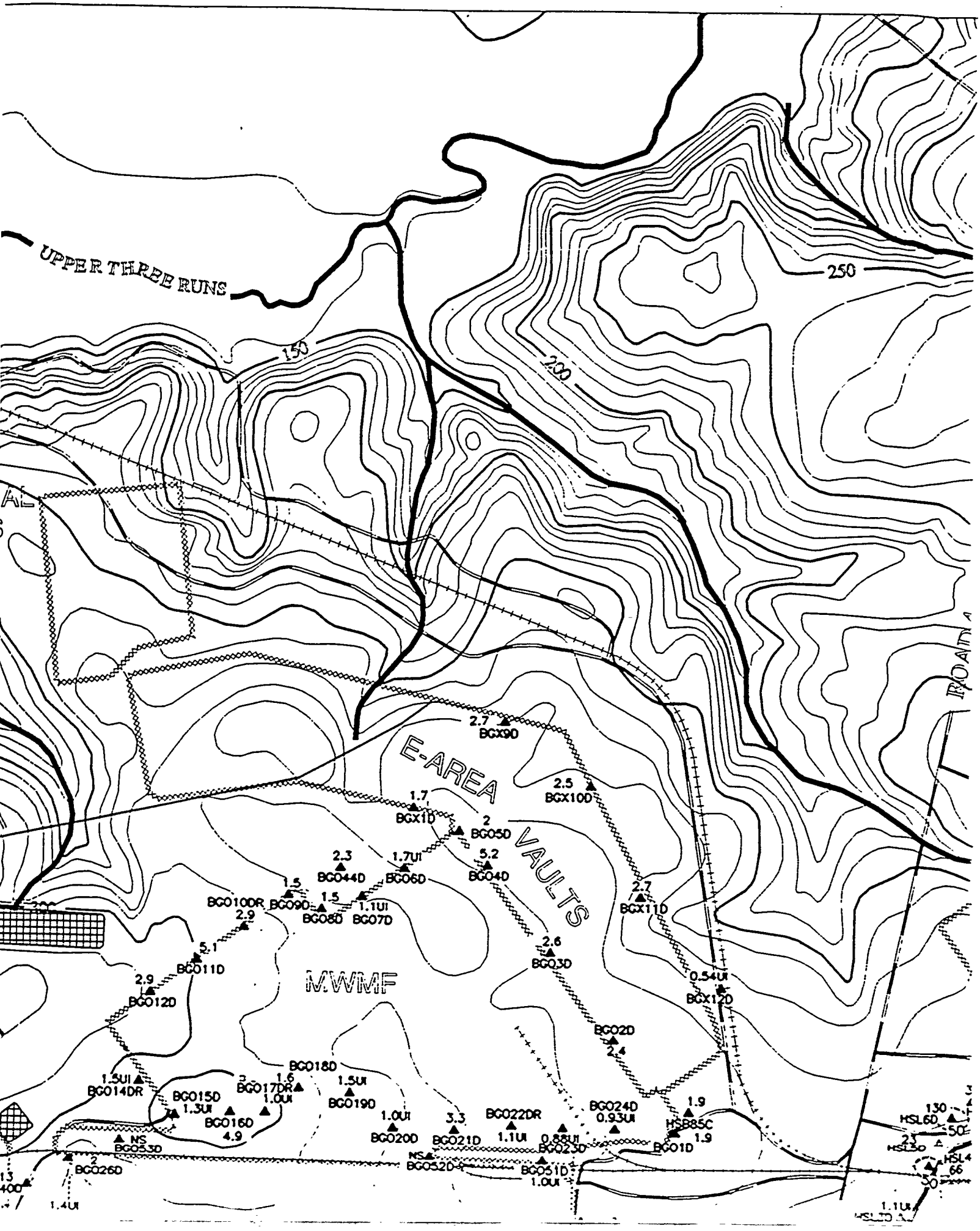
"NA" = Not Analyzed

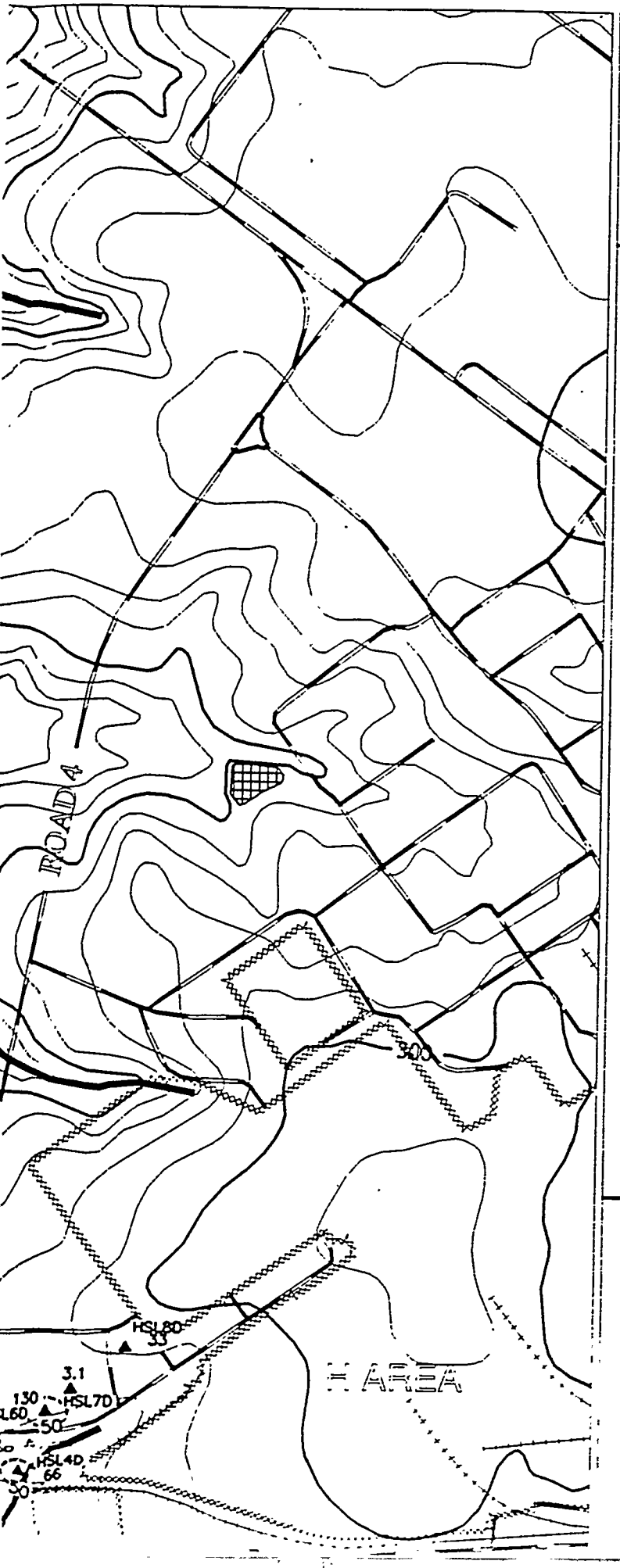
"UI" = Analyte Not Detected,
Value Is Instrument Reading

Contour Intervals at: 10000, 20000, 40000, 80000, 160000, 320000 ug/L

EPD GIS Lab (803)725-1417


UPPER THRE
HW
DISPOSAL
VAULTS
250
300
450
Approximate northern limit of saturation in Aquifer Zone IIB2 (Water Table)
FSL1D
1.2UI
FSL2D
F AREA
14
FSL3D
2.9
BG0
1.5UI
BG014DR
2
BG026D
13


UPPER THREE RUNS
150
200
250
E-AREA VAULTS
MWMF
2.7
BGX9D
2.5
BGX10D
1.7
BGX1D
2
BG05D
2.3
BG044D
1.7UI
BG06D
5.2
BG04D
1.5
BG010DR
BG09D
1.5
BG08D
1.1UI
BG07D
2.9
5.1
BG011D
2.9
BG012D
2.7
BGX11D
2.6
BG03D
0.54UI
BGX12D
BG02D
2.4
BG018D
1.5UI
BG014DR
BG015D
1.3UI
1.6
BG017DR
1.0UI
1.5UI
BG019D
BG016D
4.9
1.0UI
BG020D
3.3
BG021D
BG022DR
1.1UI
0.88UI
BG023D
BG024D
0.93UI
1.9
HSB85C
1.9
BG01D
NS
BG053D
2
BG026D
NS
BG052D
BG051D
1.0UI
1.4UI
130
HSL6D
50
HSL5D
HSL4
66
50
1.1UI
ROAD



REFERENCE DOCUMENT

WSRC-TR-95-0146-2 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-2 H-Area Seepage Basins Groundwater Monitoring Report

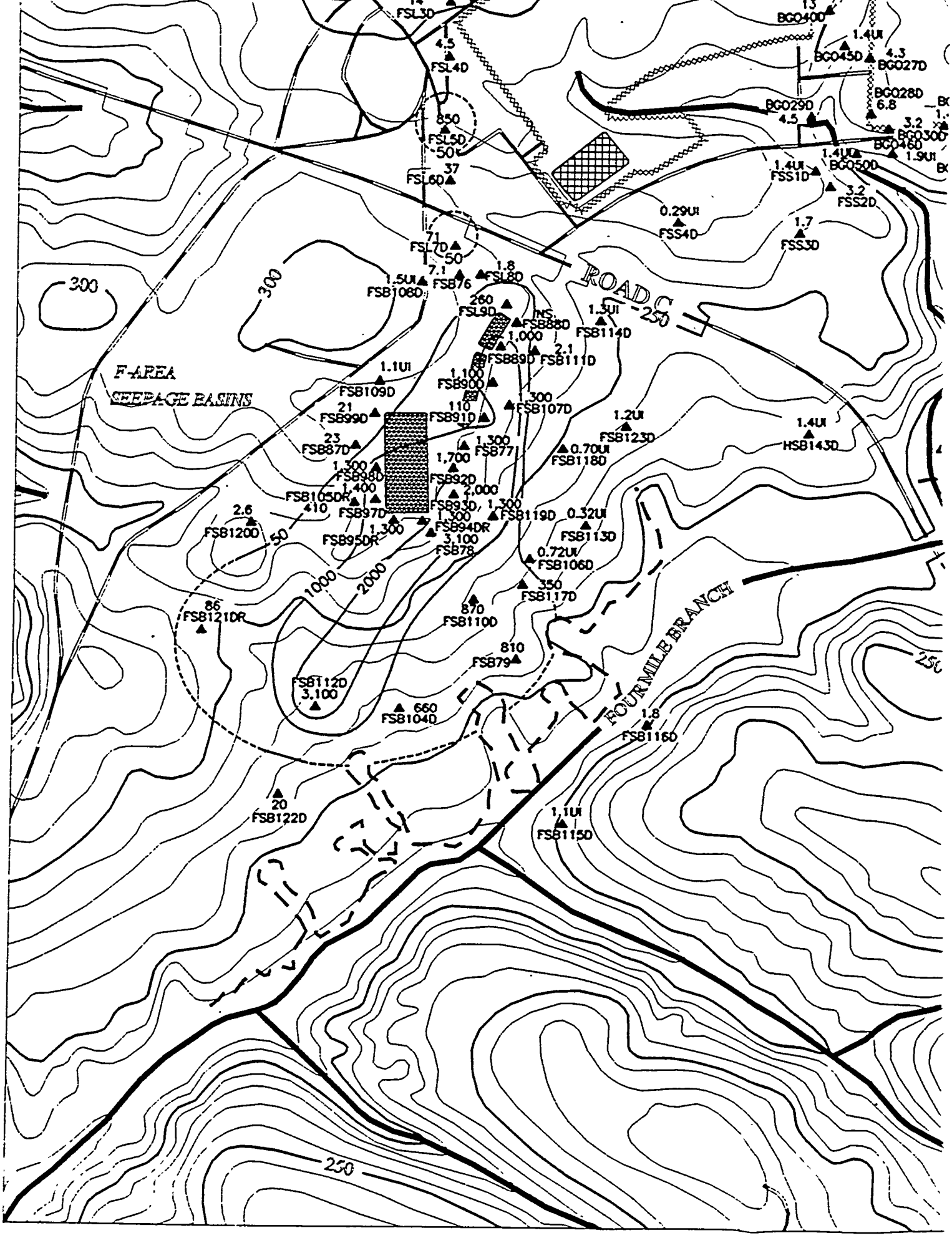
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

-81.702 -81.626

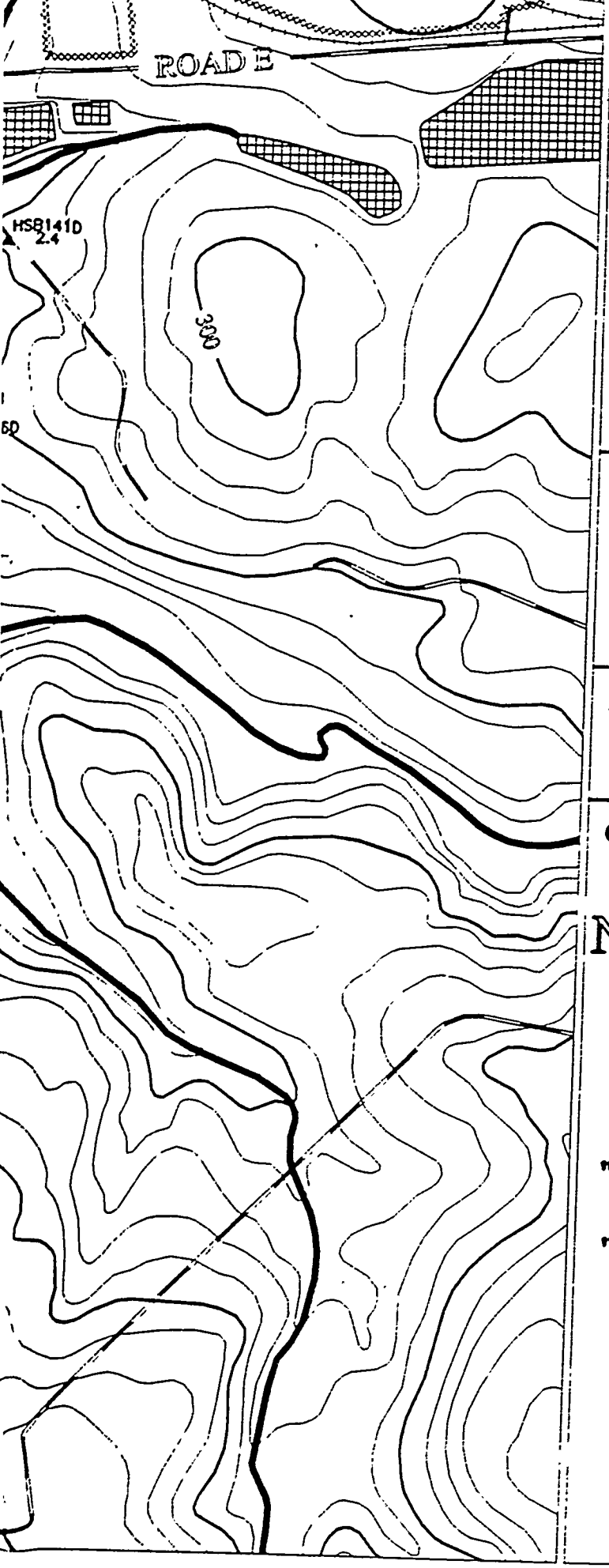
33.313 33.313

LATITUDE-LONGITUDE

33.253 33.253


F-AREA
SEEPAGE BASINS
ROAD C
FOUR MILE BRANCH
300
250
1000
2000
FSL3D
FSL4D
FSL5D
FSL6D
FSL7D
FSL8D
FSL9D
FSB876
FSB877
FSB878
FSB879
FSB880
FSB889D
FSB890D
FSB891D
FSB892D
FSB893D
FSB894DR
FSB895DR
FSB897D
FSB898D
FSB899D
FSB900D
FSB1000
FSB1100
FSB1104D
FSB1105DR
FSB1106D
FSB1107D
FSB1108D
FSB1109D
FSB1111D
FSB1112D
FSB1113D
FSB1114D
FSB1117D
FSB1118D
FSB1119D
FSB1121DR
FSB1122D
FSB1123D
FSB1150
FSB1160
HSB143D
FSS1D
FSS2D
FSS3D
FSS4D
BGO290
BGO300
BGO400
BGO450
BGO460
BGO500
BGO27D
BGO28D

OLD BURIAL GROUND
H-AREA
SEEPAGE BASINS
BG0450
BG0270
BG0280
BG0310
BG0320
BG0330
BG0340
BG0350
BG0360
BG0370
BG0380
BG0390
BG0300
BG0460
BG0480
BG0490
BG0500
BG0470
HSB147D
HSB866
HSB1160
HSB1380
HSB1150
HSB1140
HSB1120
HSB1080
HSB1070
HSB1060
HSB1040
HSB1050
HSB1340
HSB1490
HSB1450
HSB1460
HSB860
HSB71
HSB70
HSB1130
HSB1121
HSB1090
HSB68
HSB1390
HSB1170
HSB1370
HSB1110
HSB69
HSB1360
HSB840
HSB1350
HSB1270
HSB1260
HSB1510
HSB1430
HSB1420
HSB1290
HSB1520
HSB1310
HSB1400
HSB1300
HSB1480
HSB1010
HSB1020
HSB1000
HSB1500
HSB1410
HSB830
HSB67
HSB1320
HSB1250
HSB1330
HSB865C
HSB865
HSL1D
HSL2D
HSS2D
FSS2D
SS3D
200
250
300



33.253 33.253

-81.702 -81.626

0 900 1800 2700

Scale 1:900 FT
1:274 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 1st QUARTER '95

AQUIFER:

WATER TABLE

CONSTITUENT:

NONVOLATILE BETA

GWPS = 50 pCi/L

"NS" = Not Sampled

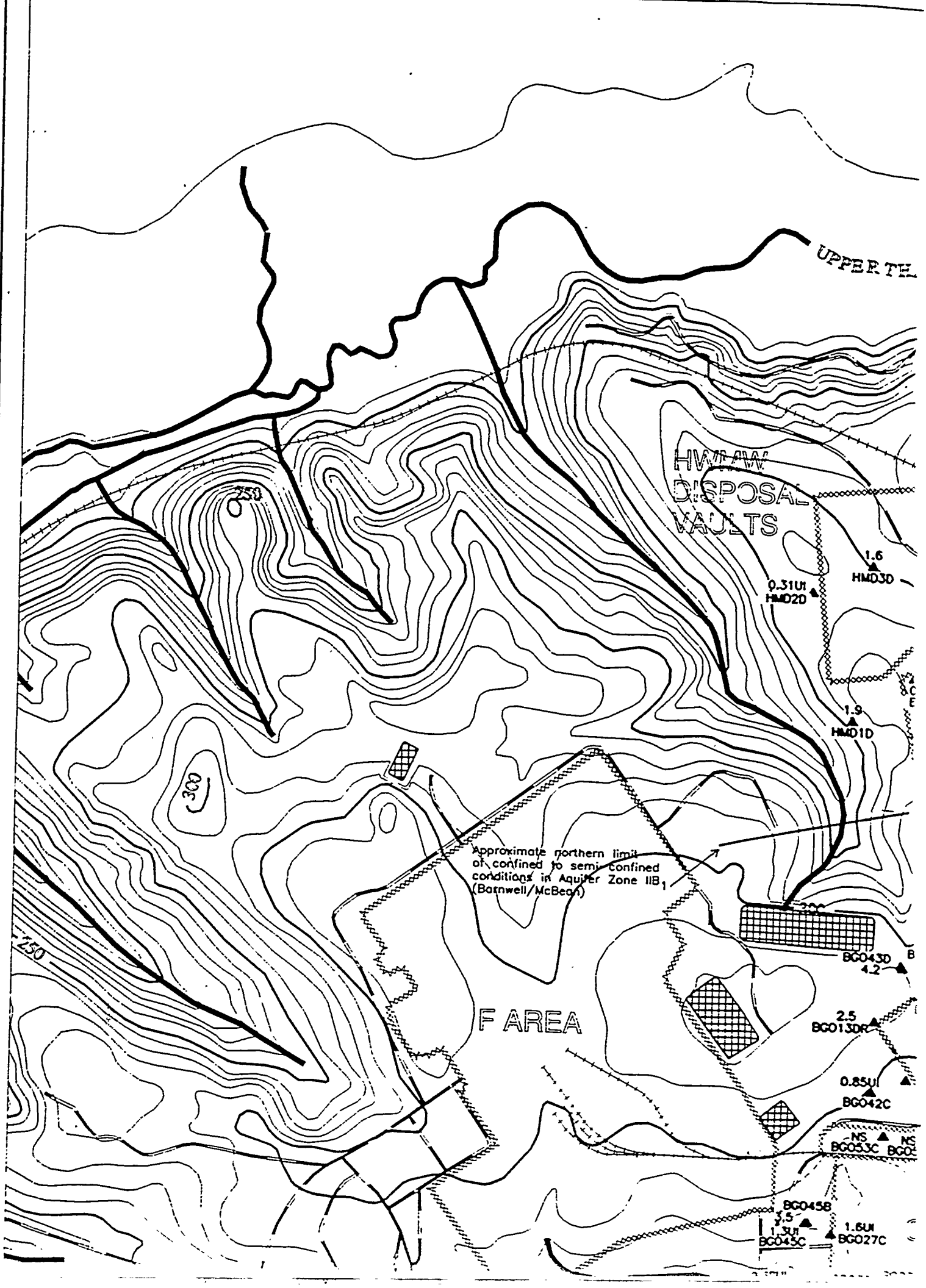
"*" = Wells Not Used to Contour

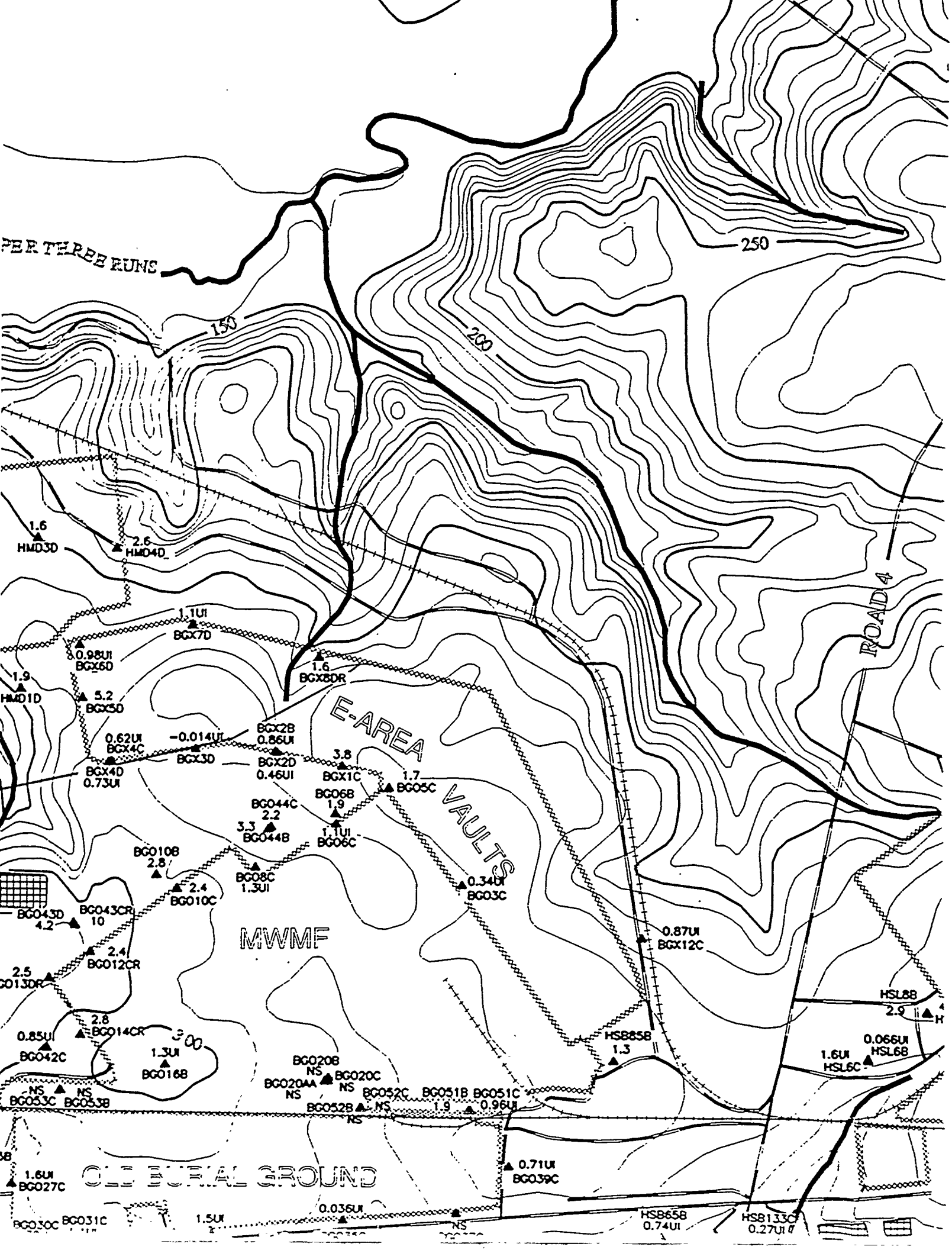
"NA" = Not Analyzed

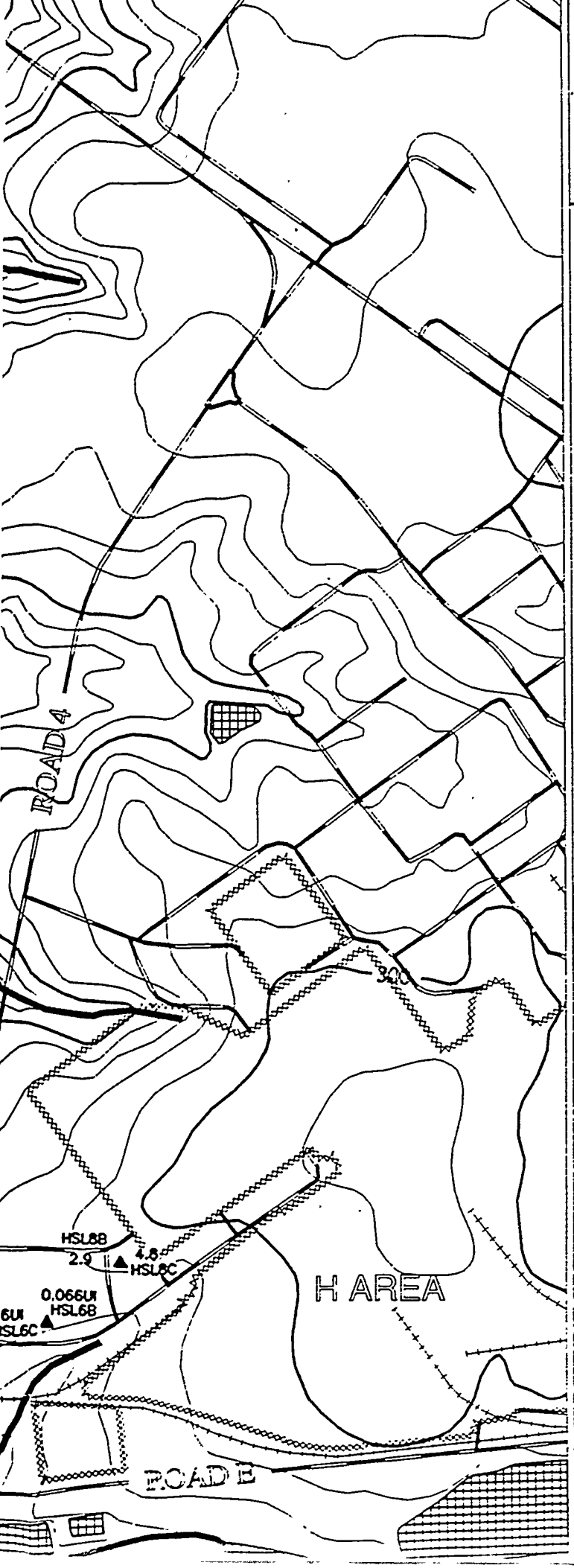
"UI" = Analyte Not Detected, Value Is Instrument Reading

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

EPD GIS Lab (803)725-1417


UPPER TH
HW/FW
DISPOSAL
VAULTS
250
300
1.6
HMD3D
0.31UI
HMD2D
1.9
HMD1D
Approximate northern limit
of confined to semi-confined
conditions in Aquifer Zone IIB1
(Bornwell/McBean)
BG043D
4.2
F AREA
2.5
BG013DR
0.85UI
BG042C
NS
BG053C
BG045B
3.5
1.3UI
BG045C
1.6UI
BG027C


PER THREE RUNS
250
200
150
ROAD 4
E-AREA VAULTS
MWMF
OLD BURIAL GROUND
300
1.6
HMD3D
2.6
HMD4D
1.1UI
BGX7D
0.98UI
BGX6D
1.6
BGX8DR
1.9
HMD1D
5.2
BGX5D
BGX2B
0.86UI
0.62UI
BGX4C
-0.014UI
BGX3D
BGX2D
0.46UI
3.8
BGX1C
1.7
BG05C
BGX4D
0.73UI
BG044C
2.2
BG06B
1.9
3.3
BG044B
1.1UI
BG06C
BG010B
2.8
BG08C
1.3UI
0.34UI
BG03C
2.4
BG010C
BG043D
4.2
BG043CR
10
2.4
BG012CR
2.5
C013DR
0.87UI
BGX12C
HSL8B
2.9
2.8
BG014CR
0.85UI
BG042C
1.3UI
BG016B
HSB85B
1.3
0.066UI
HSL6B
1.6UI
HSL6C
BG020B
NS
BG020C
NS
BG020AA
NS
BG052C
BG051B
BG051C
NS
NS
BG053C
BG053B
BG052B
NS
1.9
0.96UI
0.71UI
BG039C
1.6UI
BG027C
0.036UI
NS
1.5UI
BG030C
BG031C
HSB65B
0.74UI
HSB133C
0.27UI



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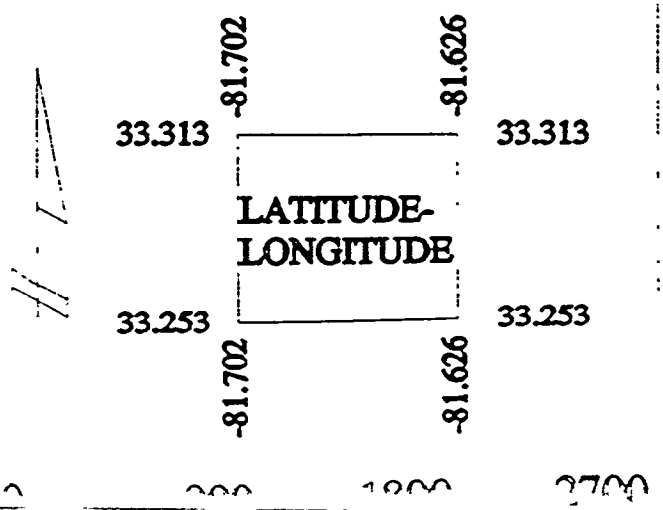
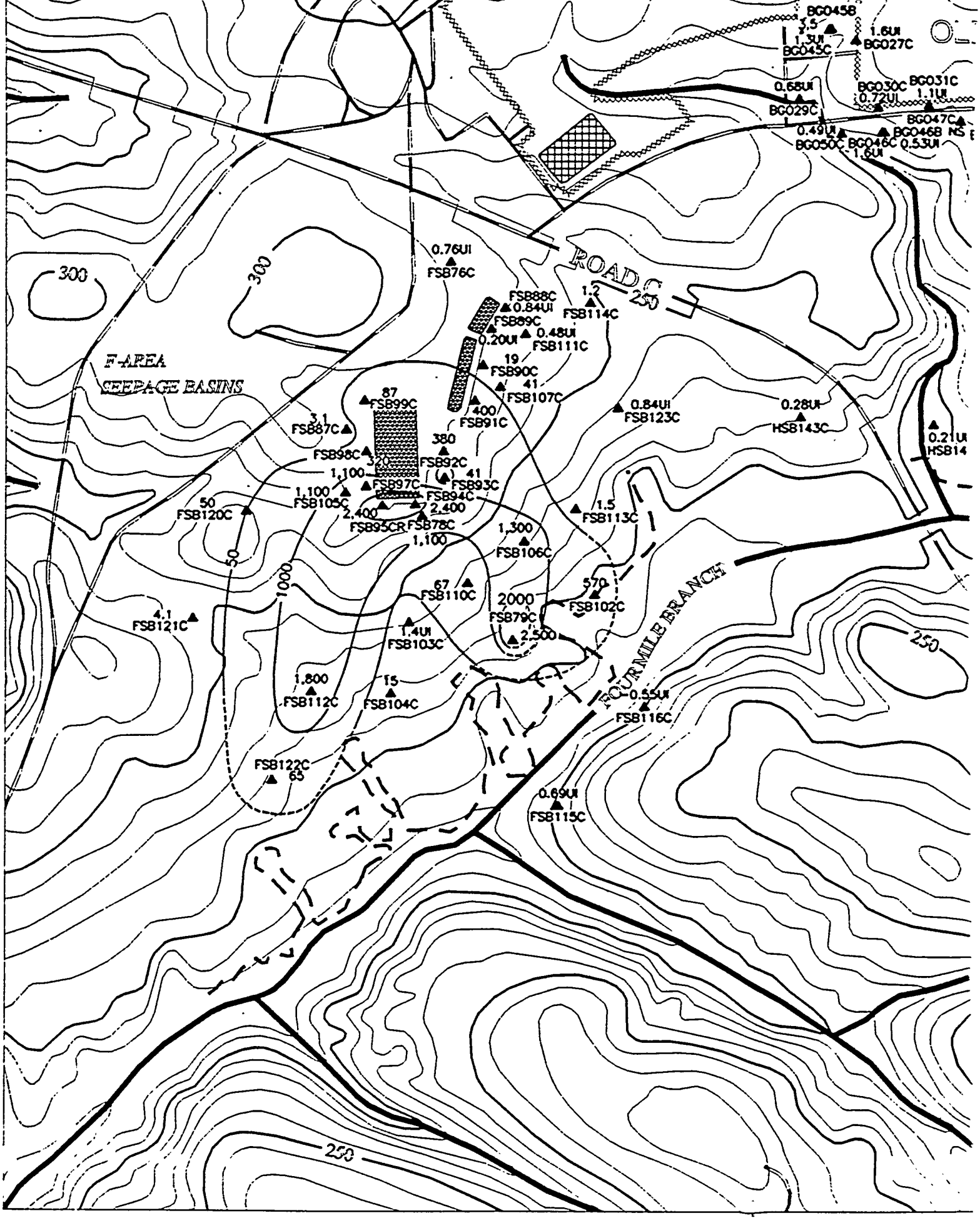
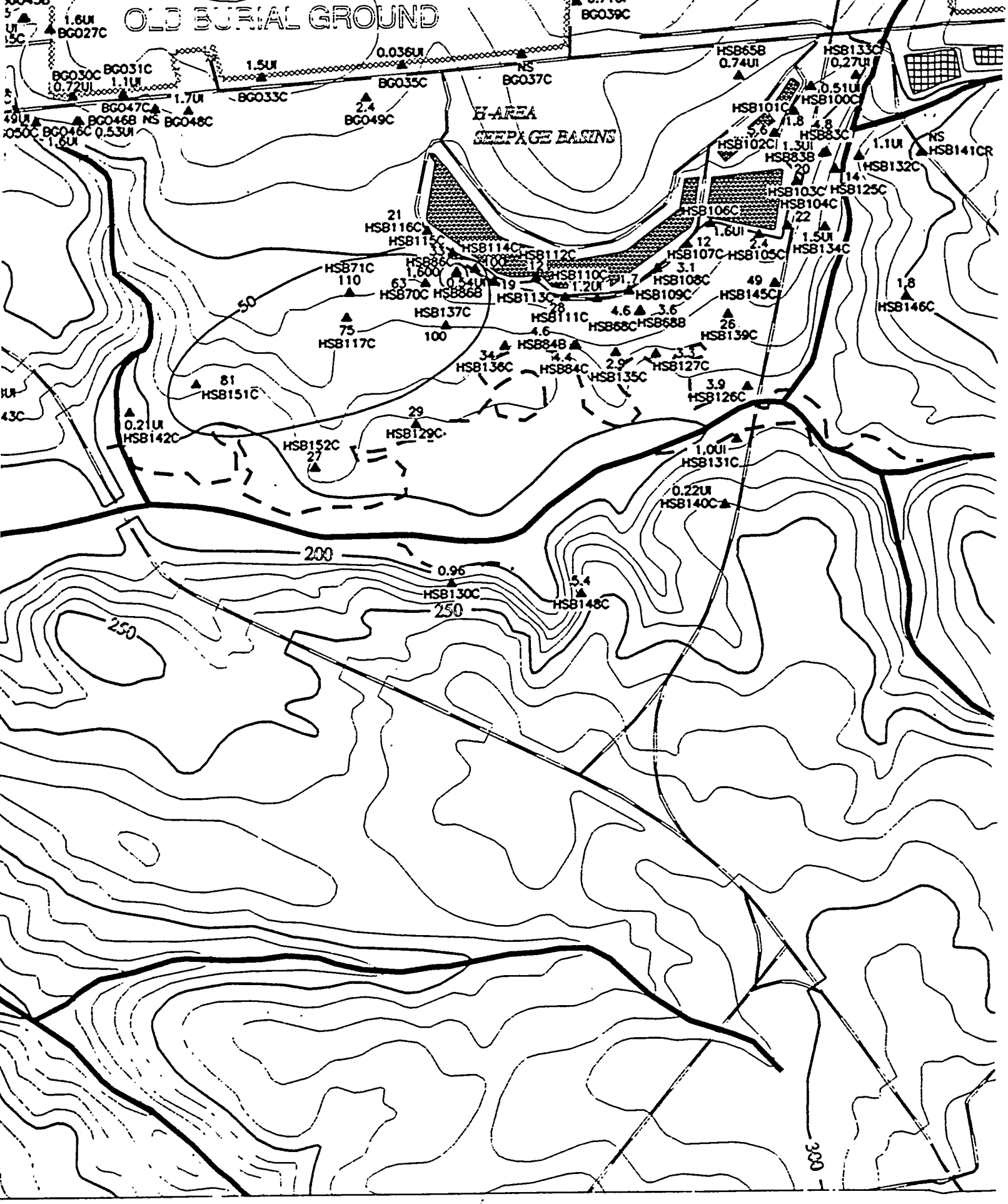
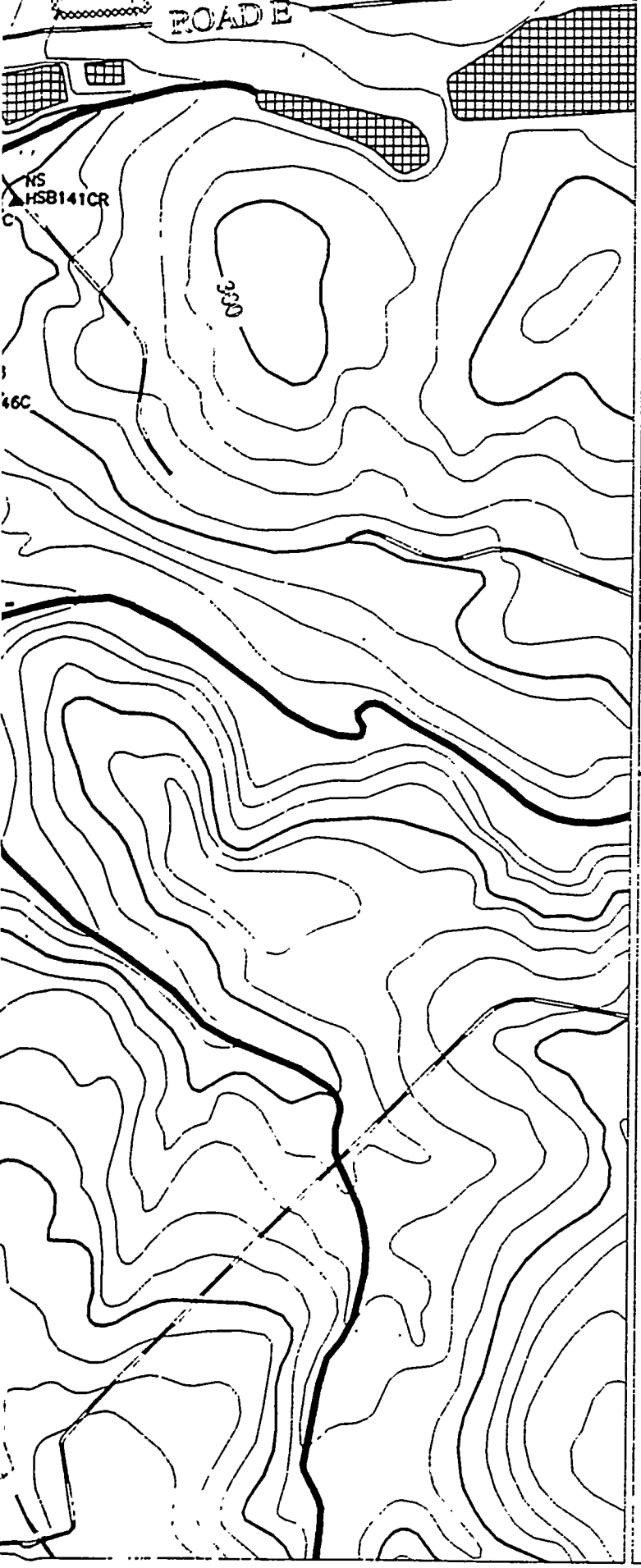
- MONITORING WELL





BG045B
3.5
1.3UI
BG045C
1.6UI
BG027C
0.68UI
BG029C
BG030C
0.72UI
BG031C
1.1UI
BG047C
0.49UI
BG050C
BG046C
1.6UI
BG046B
0.53UI
NS
ROAD C
250
300
300
0.76UI
FSB76C
FSB88C
0.84UI
FSB89C
0.20UI
0.48UI
FSB111C
1.2
FSB114C
19
FSB90C
41
FSB107C
400
FSB91C
F-AREA
SEEPAGE BASINS
87
FSB99C
3.1
FSB87C
FSB98C
320
380
FSB92C
41
FSB93C
1,100
FSB97C
1,100
FSB105C
FSB94C
2,400
2,400
FSB95CR
FSB78C
1,100
50
FSB120C
0.84UI
FSB123C
0.28UI
HSB143C
0.21UI
HSB14
1.5
FSB113C
1,300
FSB106C
50
1000
67
FSB110C
2000
FSB79C
2,500
570
FSB102C
4.1
FSB121C
1.4UI
FSB103C
FOURMILE BRANCH
250
1,800
FSB112C
15
FSB104C
0.55UI
FSB116C
FSB122C
65
0.69UI
FSB115C
250


OLD BURIAL GROUND
H-AREA
SEEPAGE BASINS
BG027C
BG030C
BG031C
BG047C
BG046B
BG046C
BG048C
BG033C
BG035C
BG037C
BG039C
BG049C
HSB65B
HSB133C
HSB101C
HSB100C
HSB83C
HSB102C
HSB83B
HSB132C
HSB141CR
HSB103C
HSB125C
HSB104C
HSB106C
HSB134C
HSB105C
HSB107C
HSB108C
HSB109C
HSB145C
HSB146C
HSB116C
HSB115C
HSB114C
HSB112C
HSB110C
HSB113C
HSB111C
HSB71C
HSB70C
HSB86B
HSB137C
HSB117C
HSB84B
HSB84C
HSB136C
HSB135C
HSB127C
HSB139C
HSB126C
HSB151C
HSB142C
HSB152C
HSB129C
HSB131C
HSB140C
HSB130C
HSB148C
50
200
250
300



-81.70

-81.62

0 900 1800 2700

Scale 1:900 FT
1:274 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 1st QUARTER '95

AQUIFER:

BARNWELL/McBEAN

CONSTITUENT:

NONVOLATILE BETA

GWPS = 50 pCi/L

"NS" = Not Sampled

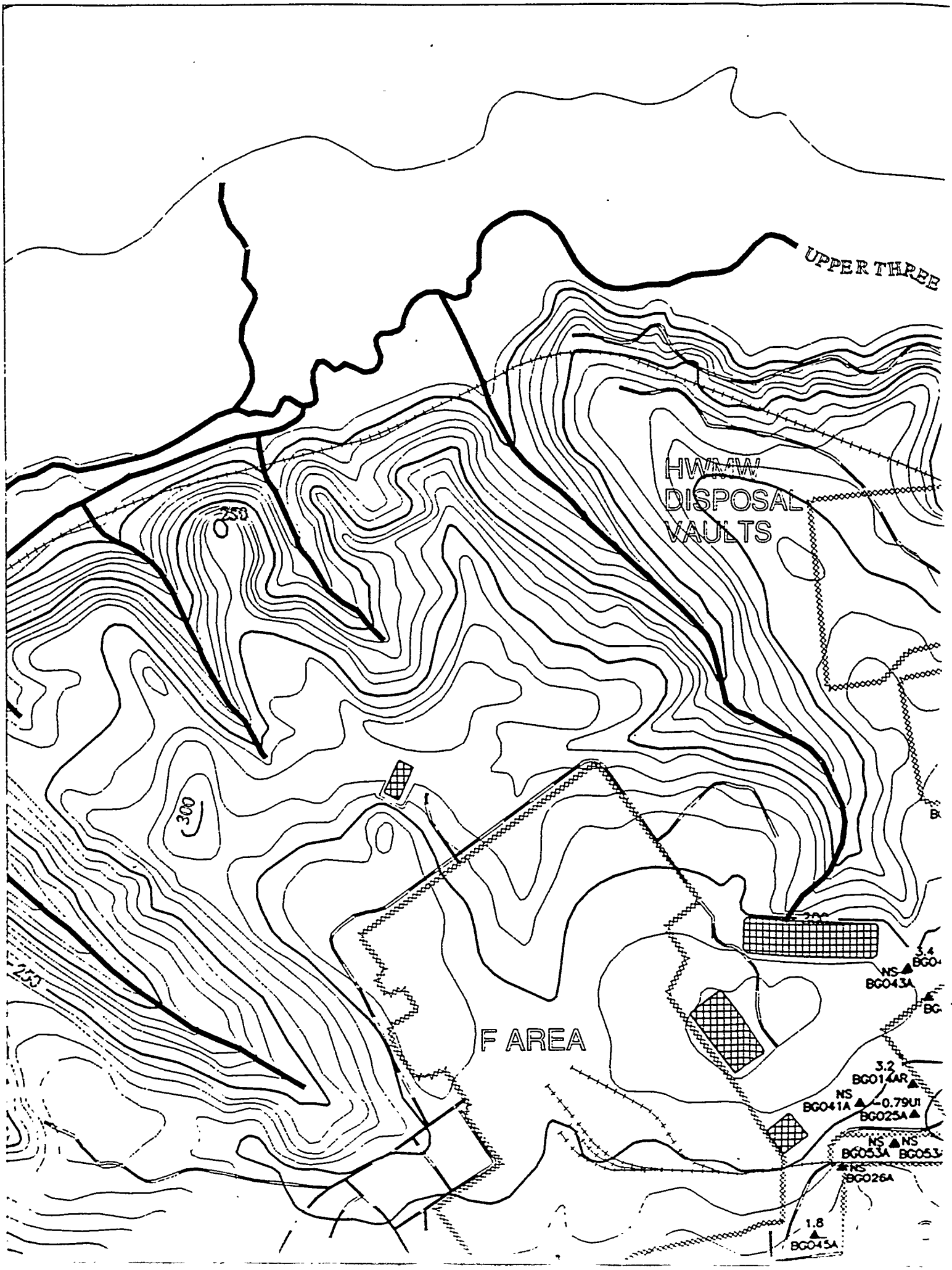
"*" = Wells Not Used to Contour

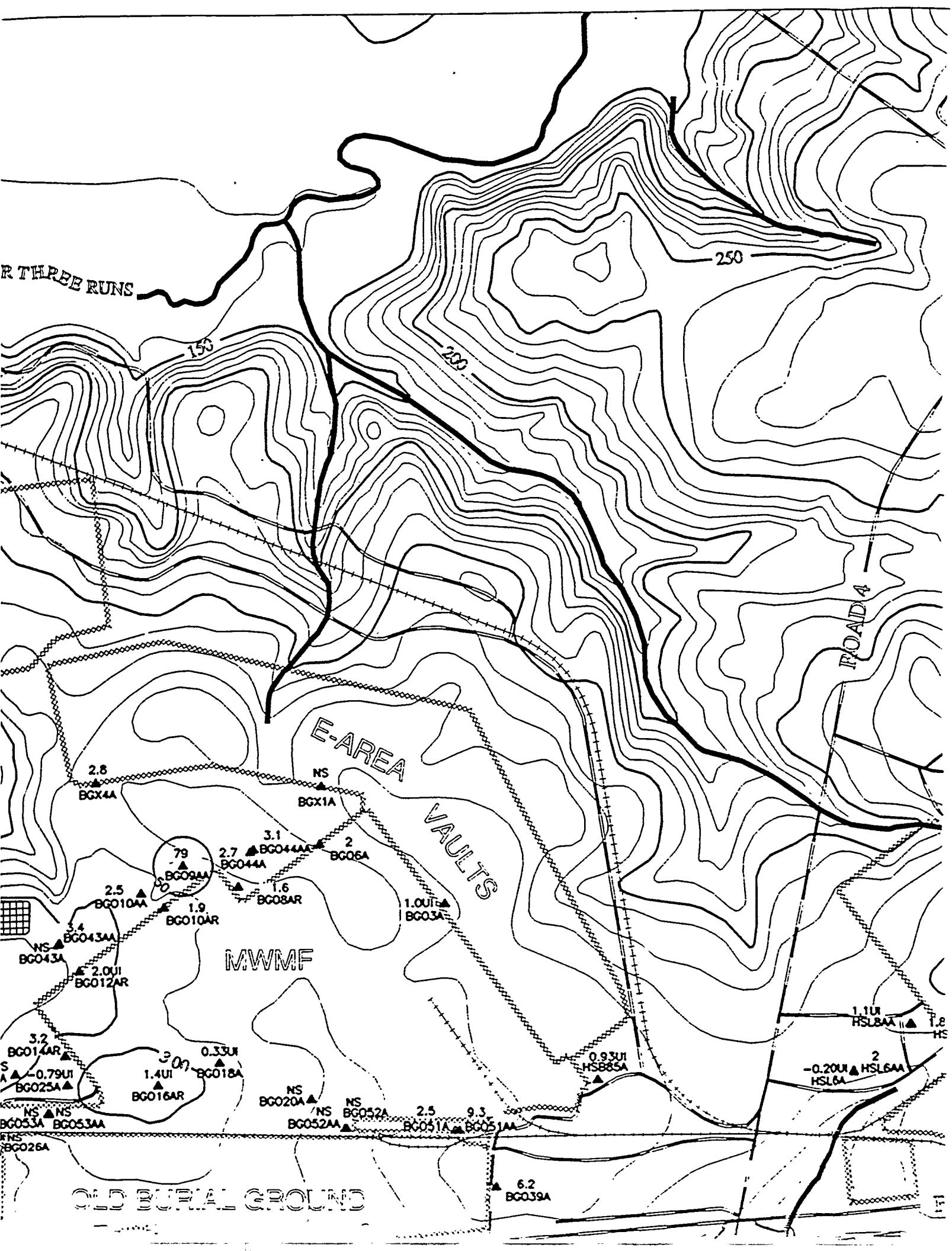
"NA" = Not Analyzed

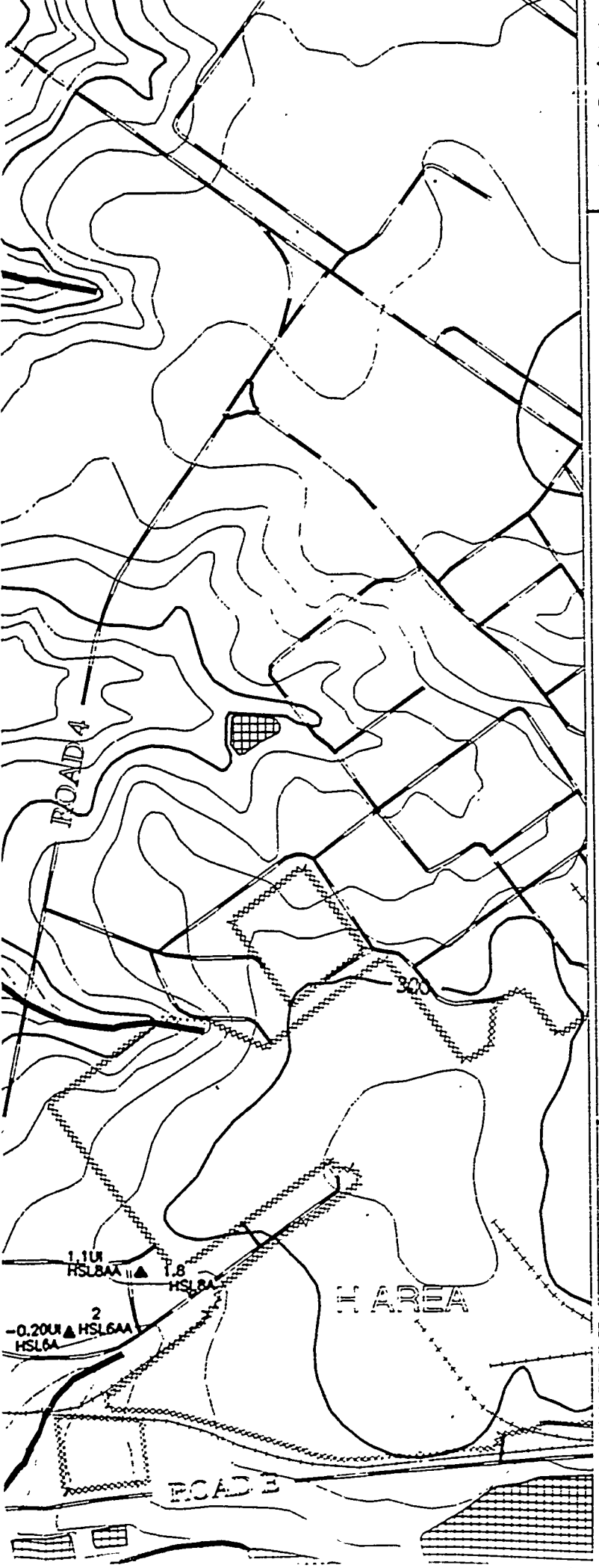
"UI" = Analyte Not Detected, Value Is Instrument Reading

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

EPD GIS Lab (803)725-1417


UPPER THREE
HWMW
DISPOSAL
VAULTS
250
300
255
F AREA
NS
BG043A
3.2
BG014AR
NS
BG041A
-0.79U1
BG025A
NS
BG053A
NS
BG026A
1.8
BG045A


R THREE RUNS
250
200
150
ROAD 4
E-AREA VAULTS
MWMF
OLD BURIAL GROUND
2.8
BGX4A
NS
BGX1A
3.1
2.7
BG044A
BG044AA
2
BG06A
79
BG09AA
2.5
BG010AA
1.6
BG08AR
1.9
BG010AR
1.0UI
BG03A
3.4
BG043AA
NS
BG043A
2.0UI
BG012AR
3.2
BG014AR
0.33UI
BG018A
1.4UI
BG016AR
-0.79UI
BG025A
NS
BG053A
NS
BG053AA
NS
BG020A
NS
BG052AA
NS
BG052A
2.5
BG051A
9.3
BG051AA
NS
BG026A
6.2
BG039A
0.93UI
HSB85A
1.1UI
HSL8AA
-0.20UI
HSL6A
HSL6AA

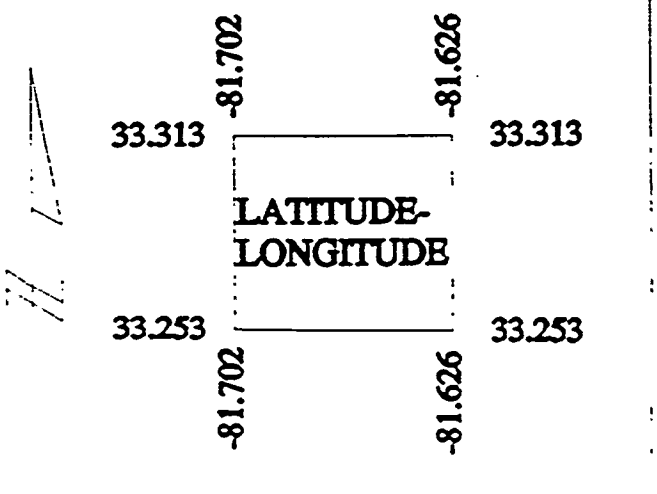


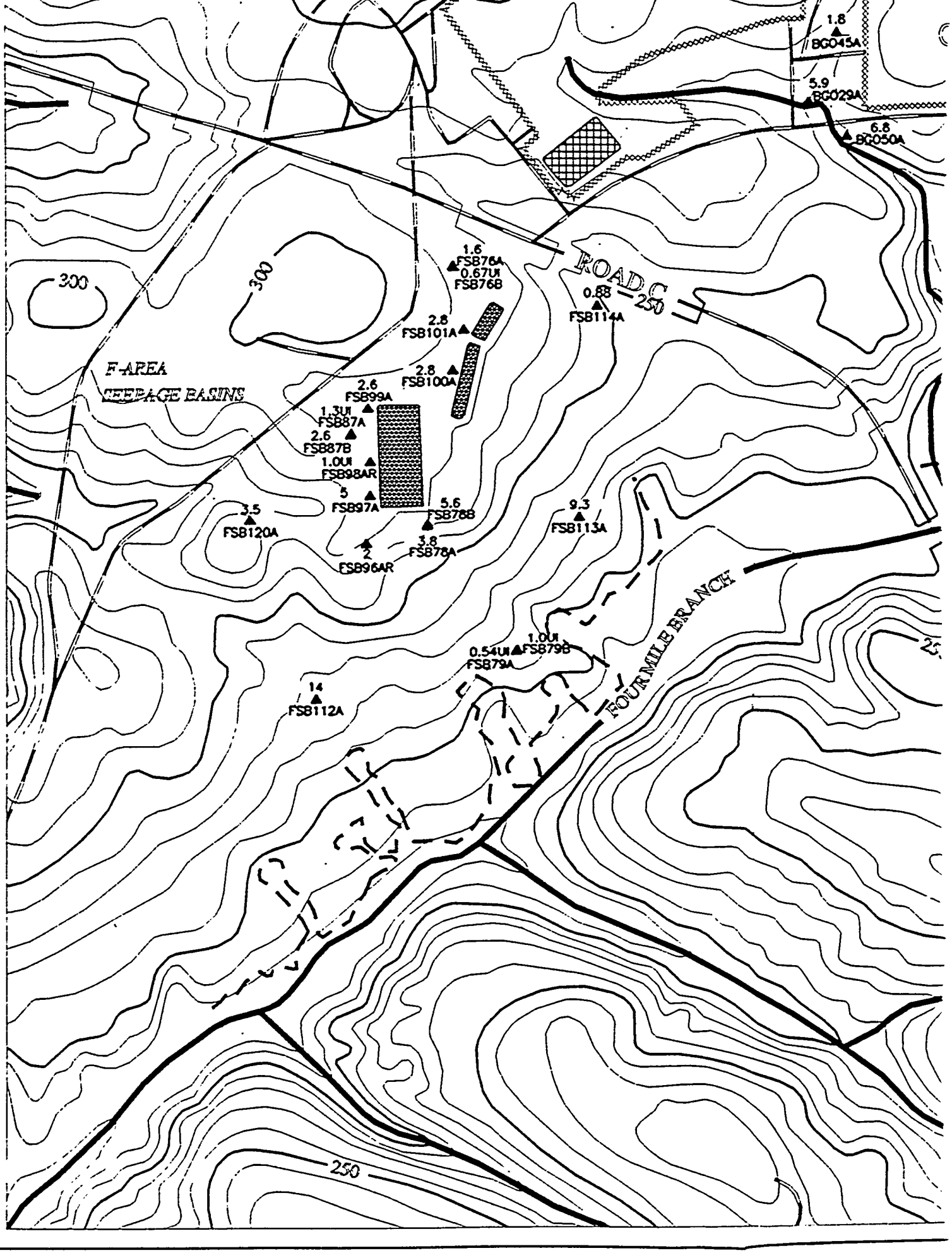
REFERENCE DOCUMENT

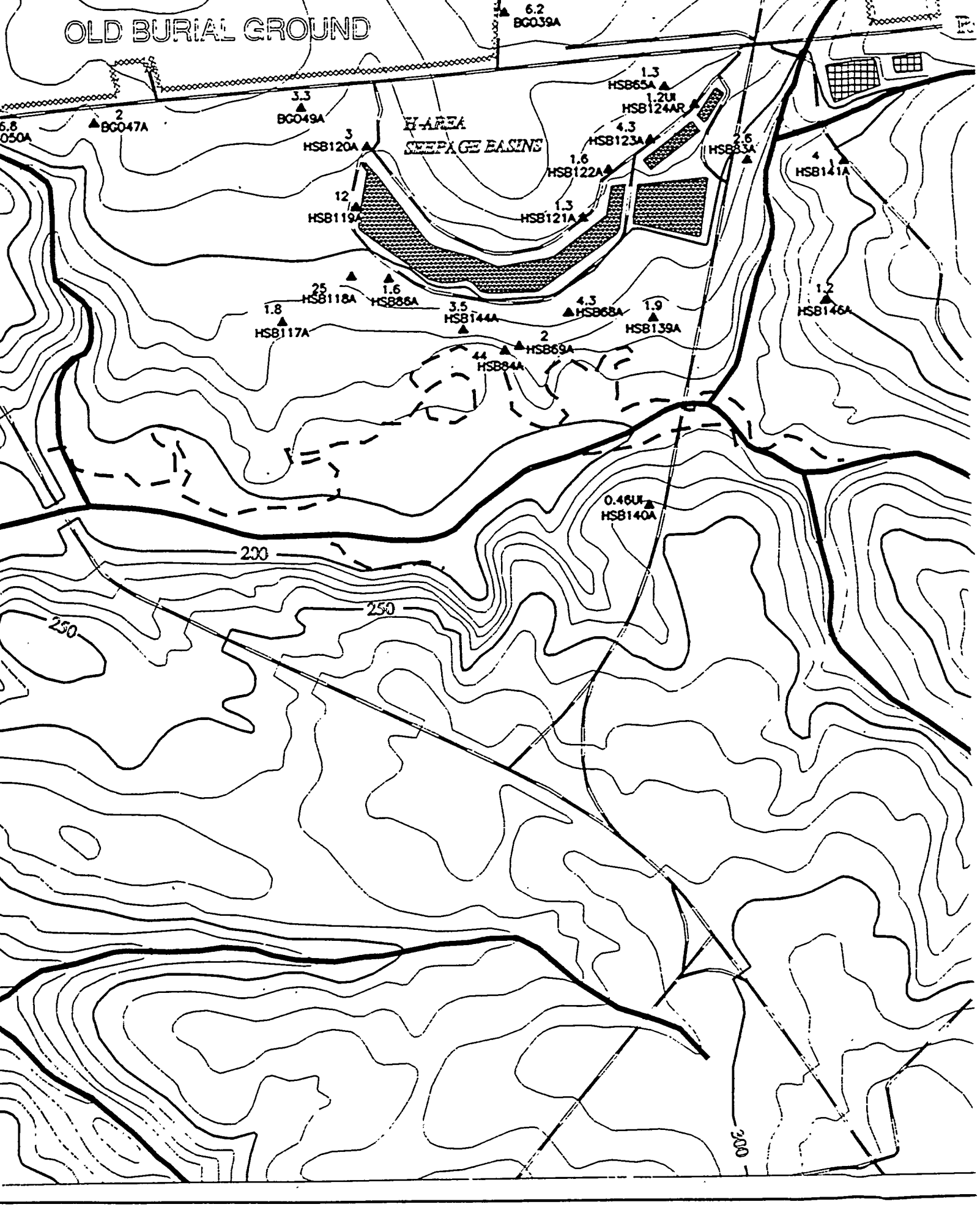
WSRC-TR-95-0146-2 F-Area Seepage Basins Groundwater Monitoring Report

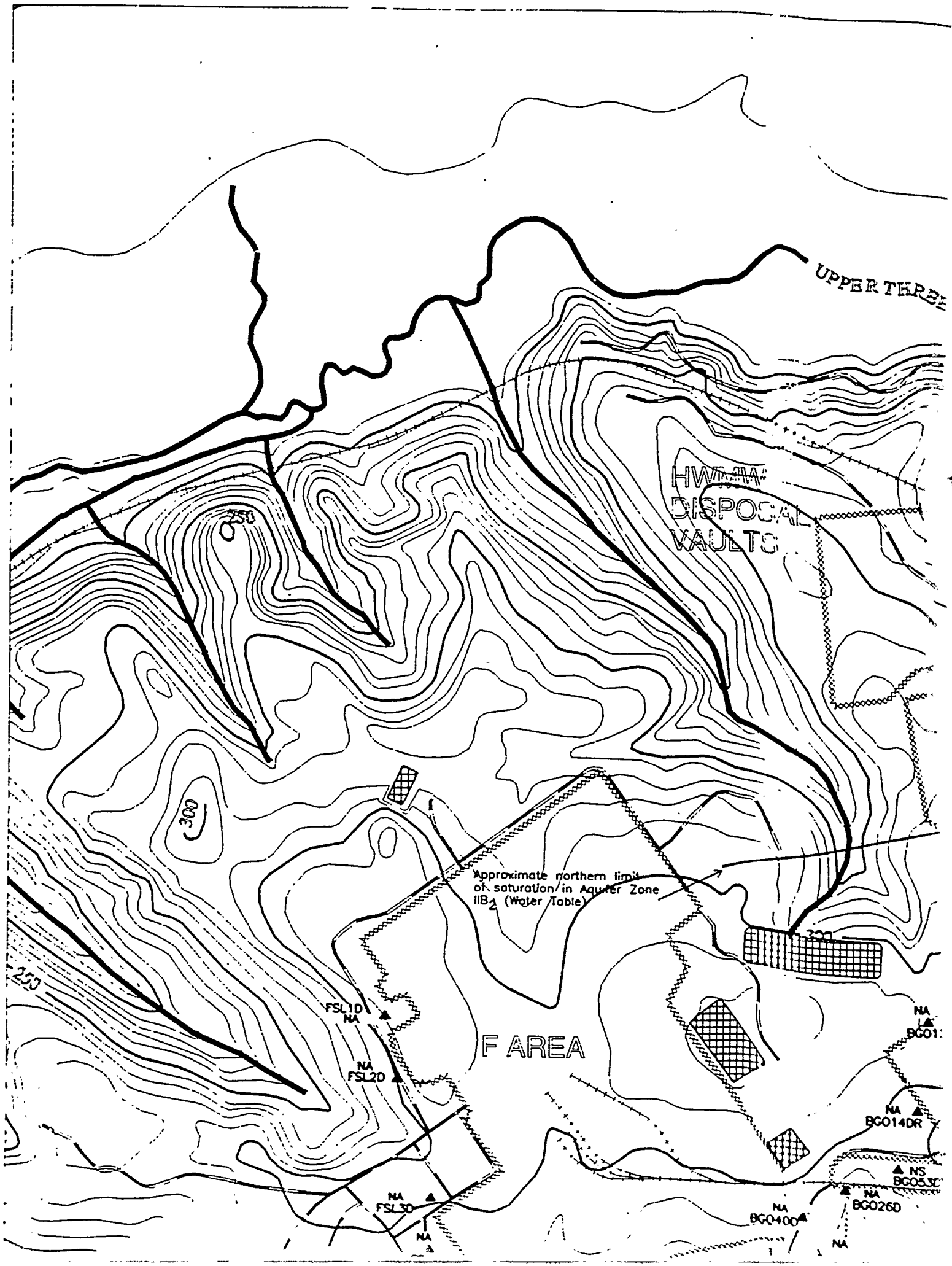
WSRC-TR-95-0147-2 H-Area Seepage Basins Groundwater Monitoring Report

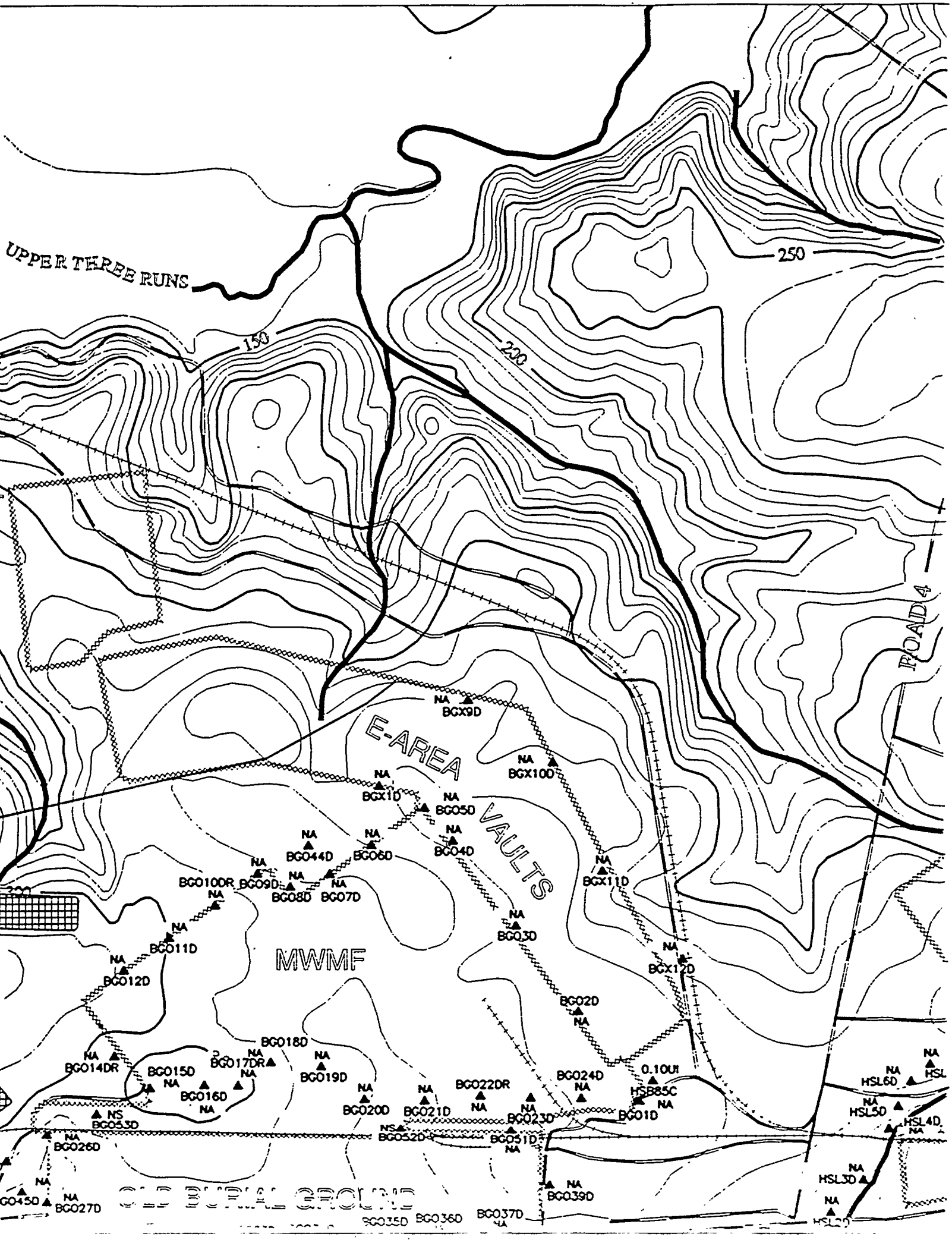
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

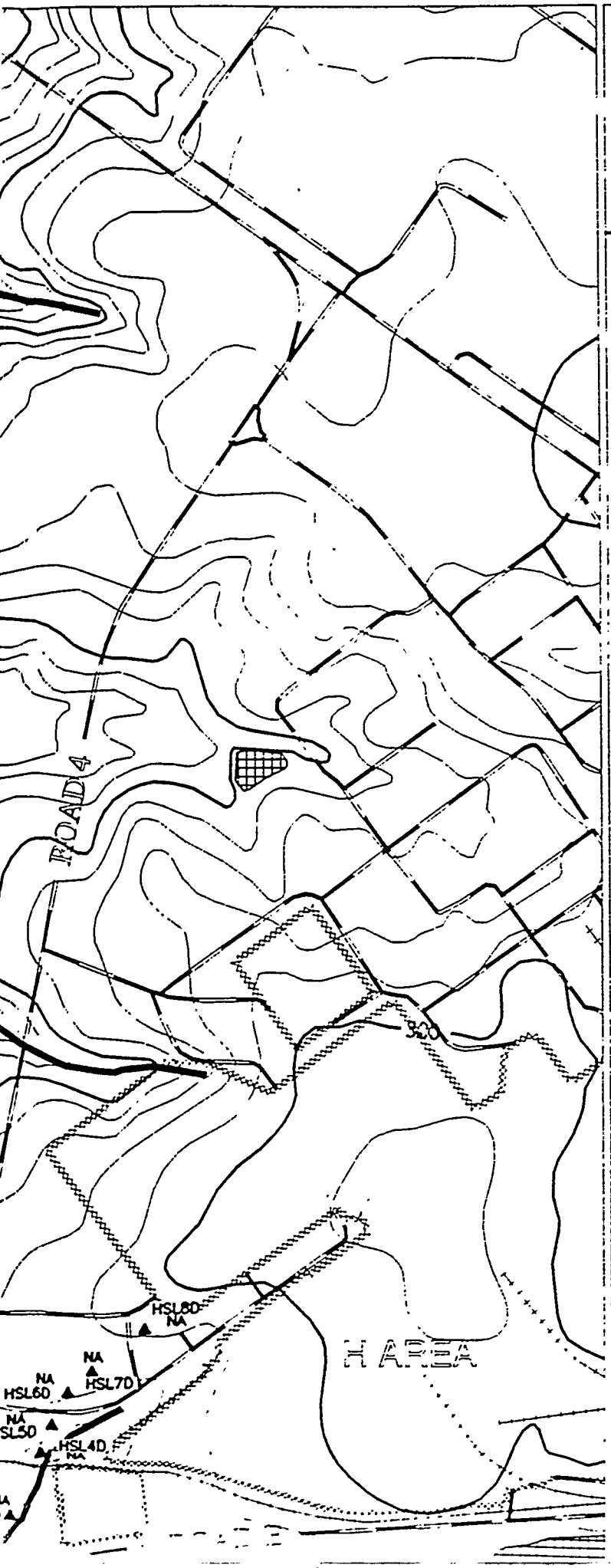



1.8
BG045A
5.9
BG029A
6.8
BG050A
1.6
FSB76A
0.67UI
FSB76B
ROAD C
0.88
FSB114A
300
300
250
2.8
FSB101A
2.8
FSB100A
F-AREA
SEEPAGE BASINS
2.6
FSB99A
1.3UI
FSB87A
2.6
FSB87B
1.0UI
FSB98AR
5
FSB97A
5.6
FSB78B
3.8
FSB78A
2
FSB96AR
3.5
FSB120A
9.3
FSB113A
1.0UI
FSB79B
0.54UI
FSB79A
14
FSB112A
FOUR MILE BRANCH
250


OLD BURIAL GROUND
H-AREA
SEEPAGE BASINS
6.2
BG039A
1.3
HSB65A
1.2UI
HSB124AR
3.3
BG049A
2
BG047A
3
HSB120A
4.3
HSB123A
1.6
HSB122A
2.6
HSB83A
4
HSB141A
12
HSB119A
1.3
HSB121A
25
HSB118A
1.6
HSB86A
1.8
HSB117A
3.5
HSB144A
4.3
HSB68A
1.9
HSB139A
1.2
HSB146A
2
HSB69A
44
HSB84A
0.46UI
HSB140A
200
250
250
300


UPPER THREE
HW
DISPOSAL
VAULTS
250
300
Approximate northern limit of saturation in Aquifer Zone IIB2 (Water Table)
300
250
FSL1D
NA
NA
FSL2D
F AREA
NA
BG01
NA
BG014DR
NS
BG053D
NA
FSL3D
NA
NA
BG040D
NA
BG026D
NA


UPPER THREE RUNS
250
150
200
ROAD 4
E-AREA VAULTS
MWMF
OLD BURIAL GROUND
NA BGX9D
NA BGX10D
NA BGX1D
NA BGO50
NA BGO4D
NA BGO44D
NA BGO6D
NA BGO100R
NA BGO9D
NA BGO8D
NA BGO7D
NA BGX11D
NA BGO3D
NA BGO11D
NA BGO12D
NA BGX12D
BGO2D NA
BGO18D
NA BGO14DR
BGO15D NA
NA BGO17DR
NA BGO19D
NA BGO16D NA
NA BGO200
NA BGO21D
BGO22DR NA
NA BGO23D
BGO24D NA
0.10U1
HSB85C NA
BGO1D
NA HSL6D
NA HSL5D
HSL4D NA
NS BGO53D
NA BGO26D
NS BGO52D
BGO51D NA
NA BGO39D
NA HSL3D
NA BGO45D
NA BGO27D
BGO35D BGO36D BGO37D NA



REFERENCE DOCUMENT

WSRC-TR-95-0146-2 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-2 H-Area Seepage Basins Groundwater Monitoring Report

- 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

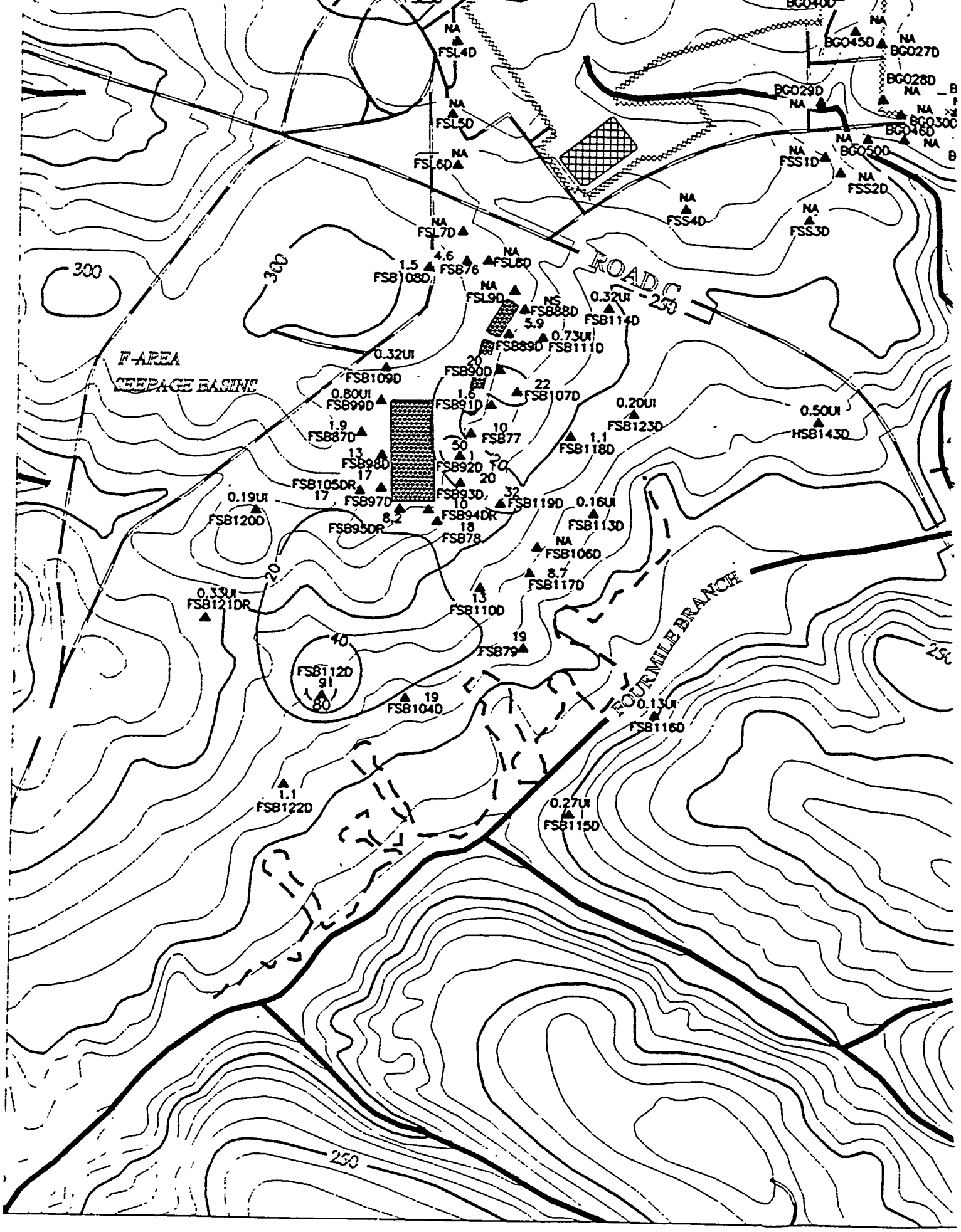
-81.702 -81.626

33.313 33.313

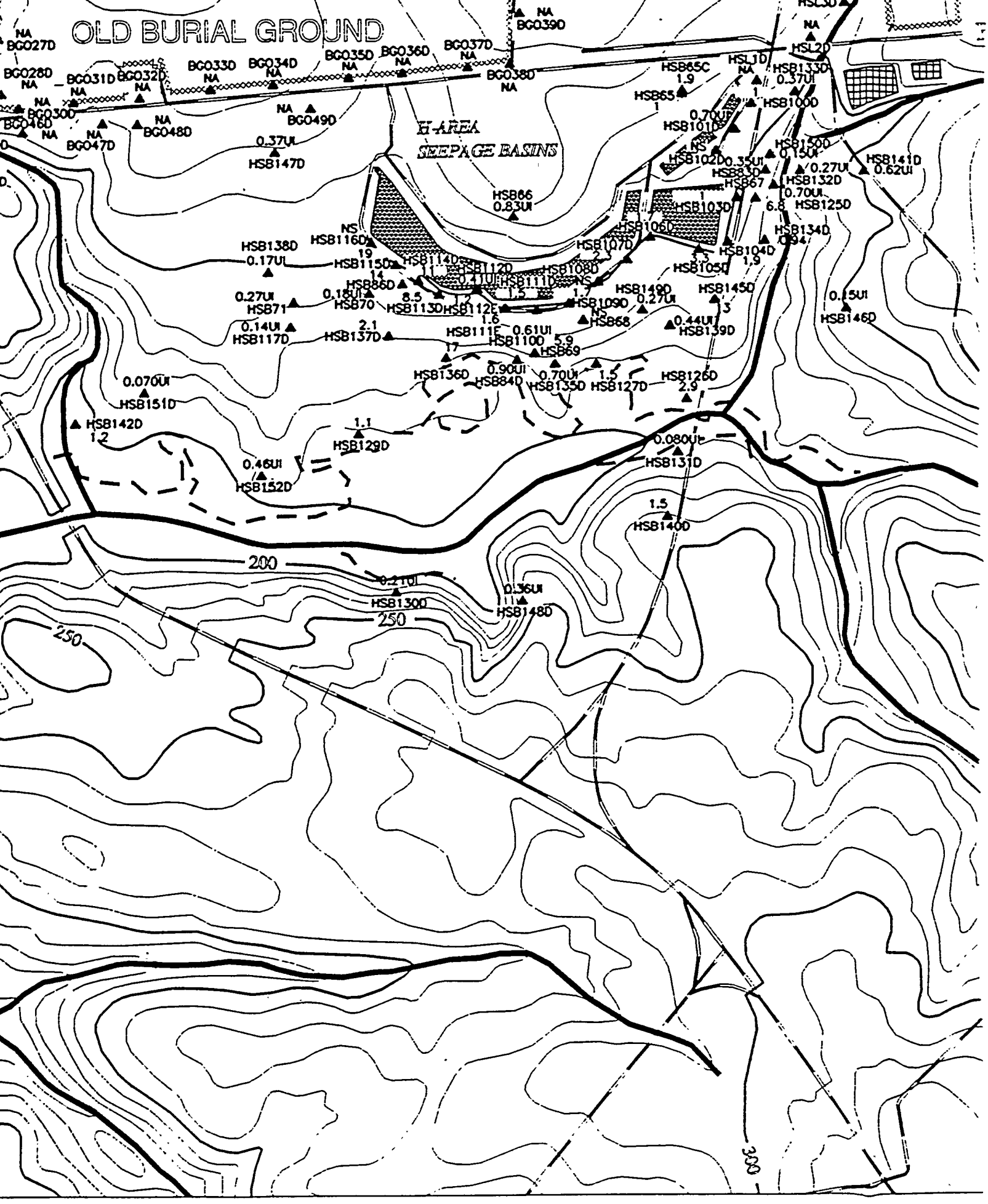
LATITUDE-
LONGITUDE

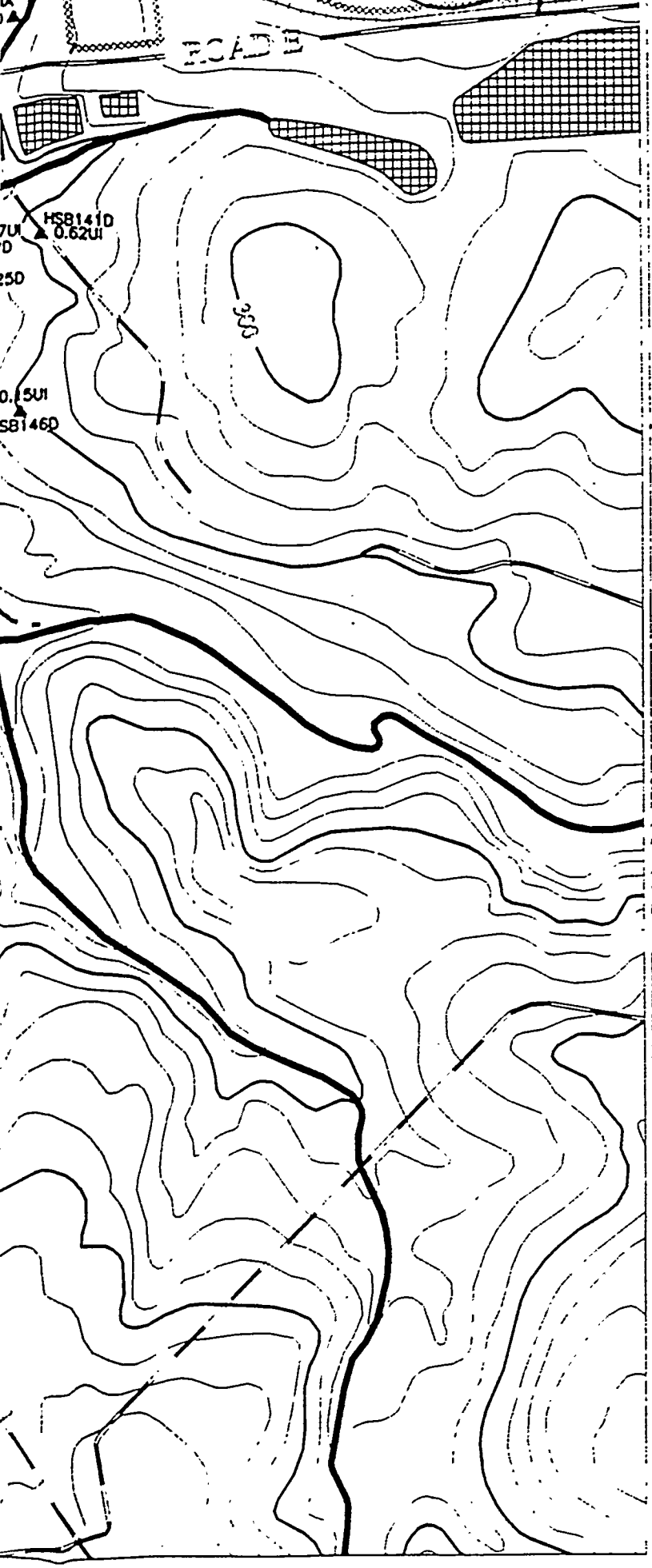
33.253 33.253

702 626



F-AREA
SEEPAGE BASINS
ROAD C
FOURMILE BRANCH
300
250
20
40
80
NA
FSL4D
FSL5D
FSL6D
FSL7D
FSL8D
FSL9D
FSB108D
FSB76
FSB88D
FSB89D
FSB111D
FSB114D
FSB109D
FSB90D
FSB107D
FSB99D
FSB91D
FSB87D
FSB77
FSB118D
FSB123D
HSB143D
FSB98D
FSB92D
FSB105DR
FSB97D
FSB93D
FSB119D
FSB120D
FSB95DR
FSB94DR
FSB78
FSB113D
FSB106D
FSB117D
FSB121DR
FSB110D
FSB79
FSB112D
FSB104D
FSB116D
FSB122D
FSB115D
BG045D
BG027D
BG028D
BG029D
BG030D
BG046D
BG050D
FSS1D
FSS2D
FSS4D
FSS3D
0.32UI
0.73UI
0.80UI
0.20UI
0.50UI
0.19UI
0.16UI
0.33UI
0.13UI
0.27UI
1.5
4.6
5.9
1.6
1.9
1.1
8.2
8.7
1.1


OLD BURIAL GROUND
H-AREA
SEEPAGE BASINS
BG027D
BG028D
BG031D
BG032D
BG033D
BG034D
BG035D
BG036D
BG037D
BG038D
BG039D
BG046D
BG047D
BG048D
BG049D
BG300D
HSB147D
HSB65C
HSB65
HSL1D
HSL2D
HSB133D
HSB100D
HSB101D
HSB102D
HSB83D
HSB67
HSB150D
HSB132D
HSB125D
HSB141D
HSB66
HSB103D
HSB106D
HSB107D
HSB104D
HSB105D
HSB134D
HSB138D
HSB116D
HSB115D
HSB114D
HSB112D
HSB108D
HSB111D
HSB86D
HSB71
HSB70
HSB113D
HSB112E
HSB109D
HSB68
HSB149D
HSB145D
HSB139D
HSB146D
HSB117D
HSB137D
HSB111E
HSB110D
HSB69
HSB136D
HSB84D
HSB135D
HSB127D
HSB126D
HSB151D
HSB142D
HSB129D
HSB131D
HSB152D
HSB140D
HSB130D
HSB148D
200
250
300



-81.702

-81.626

0 900 1800 2700

Scale 1:900 FT
1:274 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 1st QUARTER '95

AQUIFER:

WATER TABLE

CONSTITUENT:

RADIUM 226

GWPS = 20 pCi/L

"NS" = Not Sampled

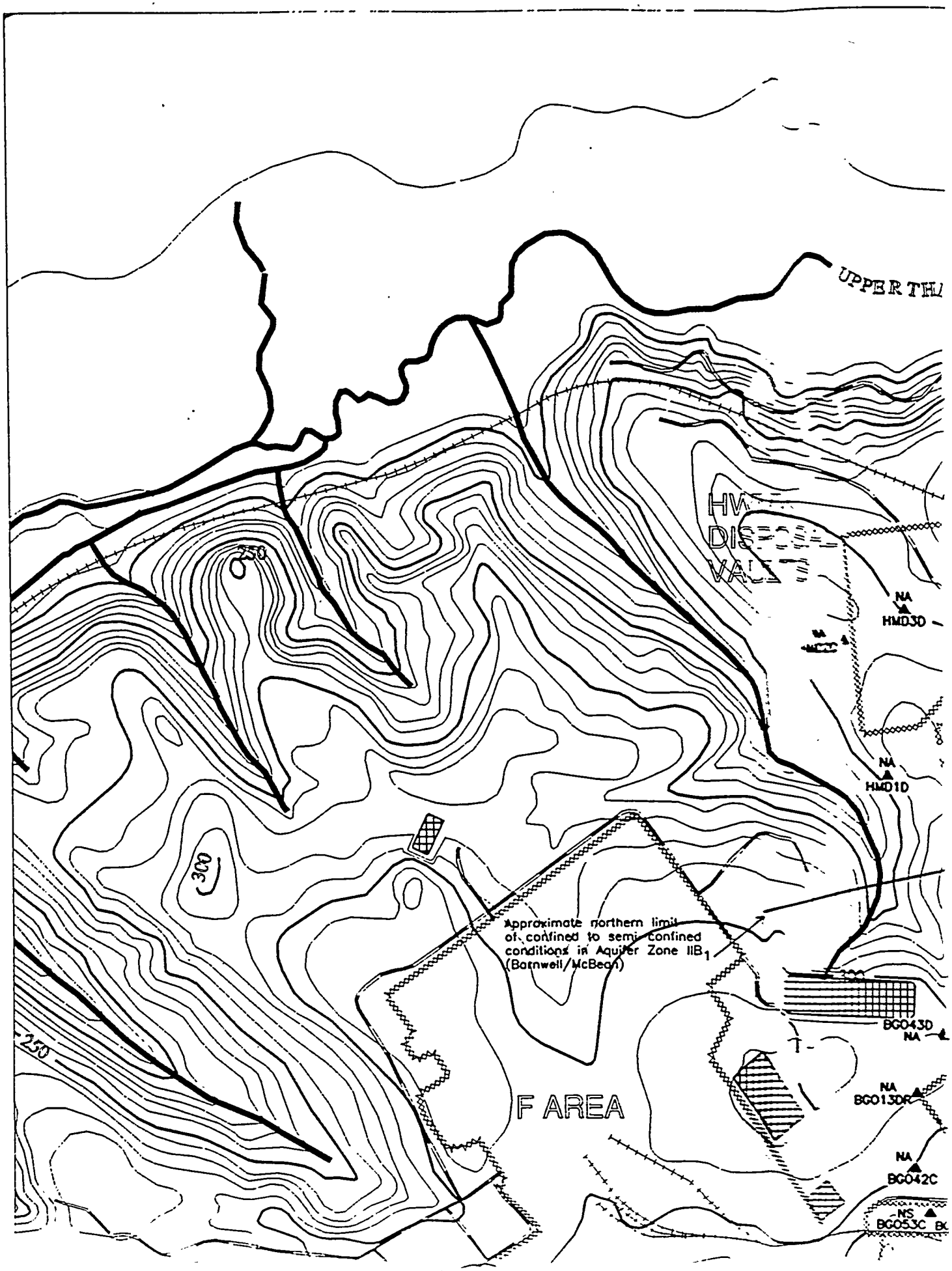
"*" = Wells Not Used to Contour

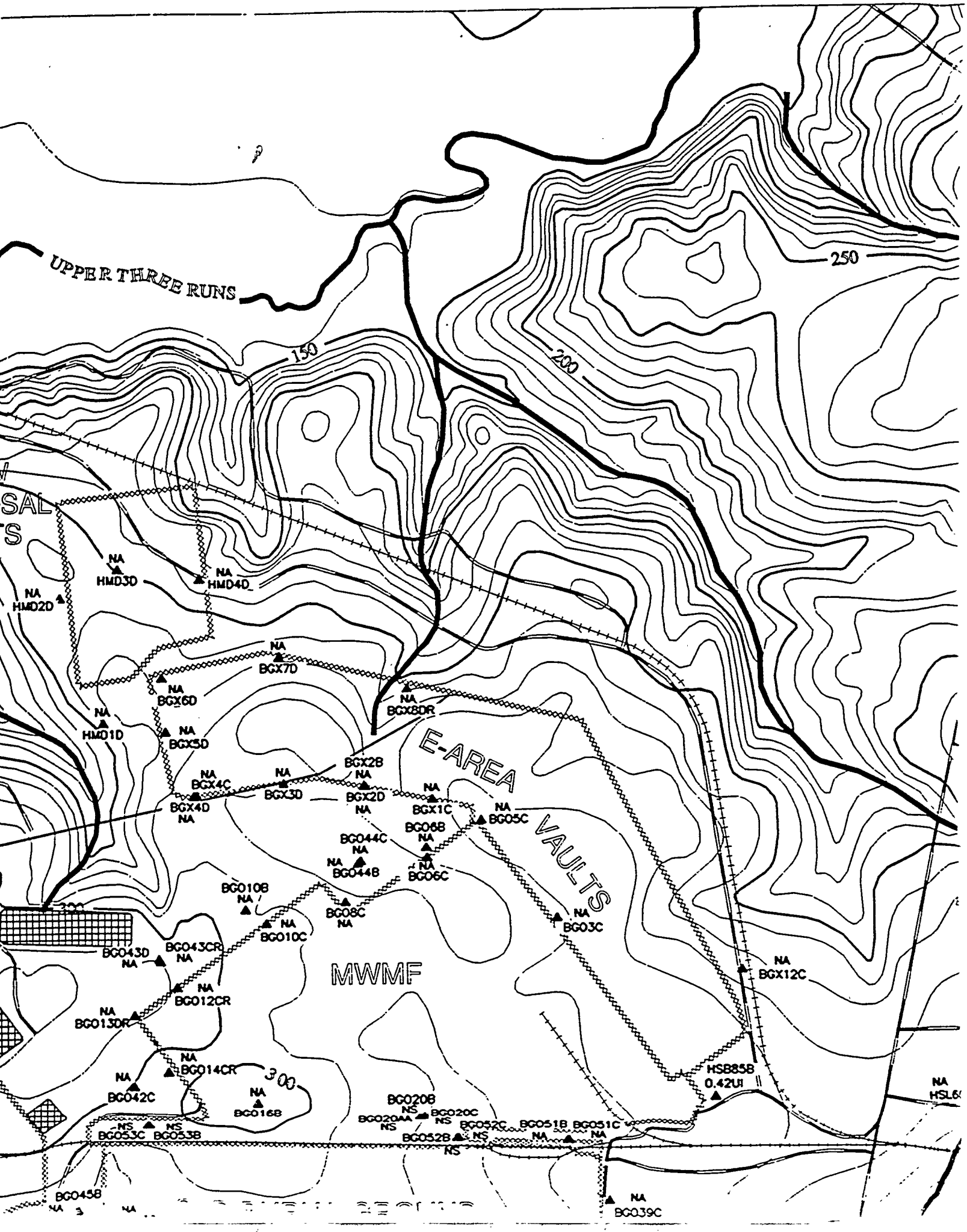
"NA" = Not Analyzed

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

Contour Intervals at: 20, 40, 80 pCi/L

EPD GIS Lab (803)725-1417


UPPER THI
HM
DIS
VA
NA
HMD3D
NA
HMD1D
250
300
250
Approximate northern limit of confined to semi confined conditions in Aquifer Zone IIB1 (Barnwell/McBean)
BG043D
NA
F AREA
NA
BG013DR
NA
BG042C
NS
BG053C


UPPER THREE RUNS
250
200
150
300
E-AREA VAULTS
MWMF
HMD3D
HMD4D
HMD2D
BGX7D
BGX6D
BGX8DR
HMD1D
BGX5D
BGX2B
BGX4C
BGX3D
BGX2D
BGX4D
BGX1C
BG05C
BG068
BG044C
BG044B
BG06C
BG0108
BG08C
BG010C
BG03C
BG043D
BG043CR
BGX12C
BG012CR
BG013DR
BG014CR
BG042C
BG016B
BG020B
BG020AA
BG020C
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BG053C
BG053B
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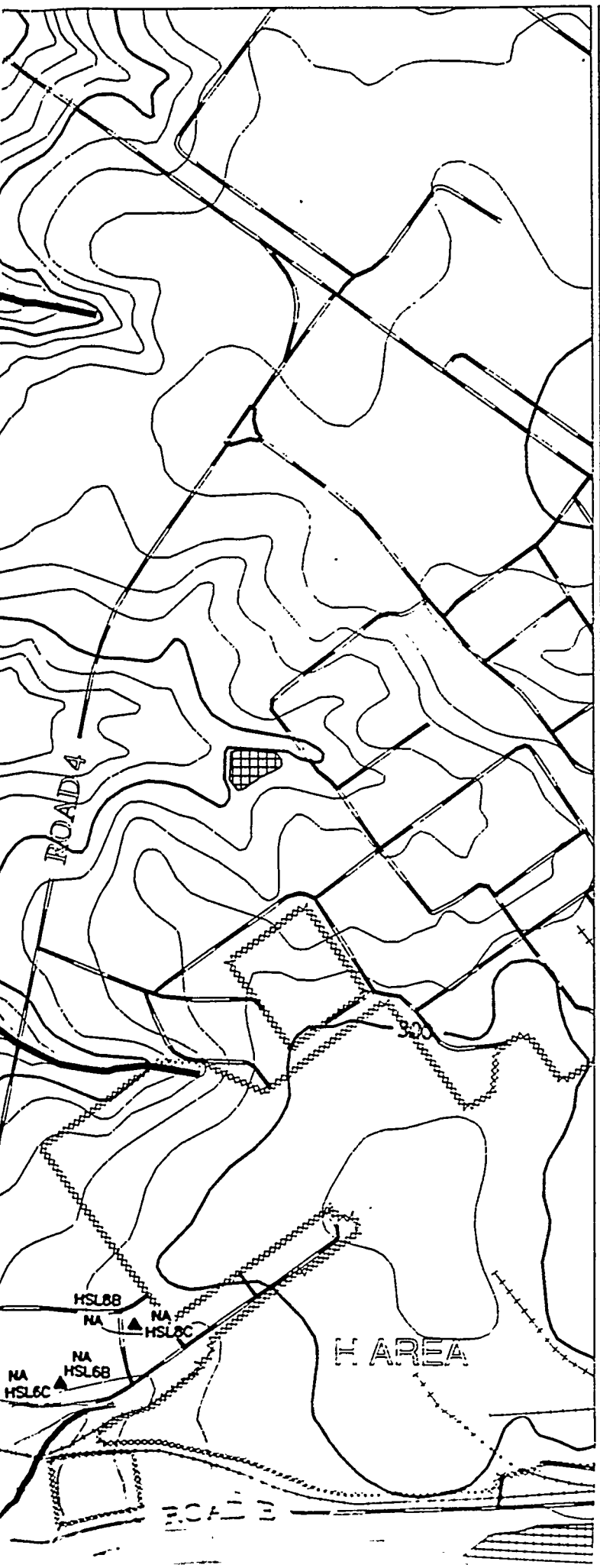
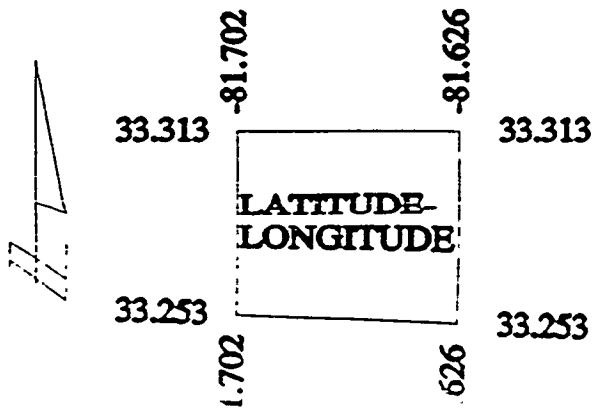
BG045B
BG039C
NA
NS

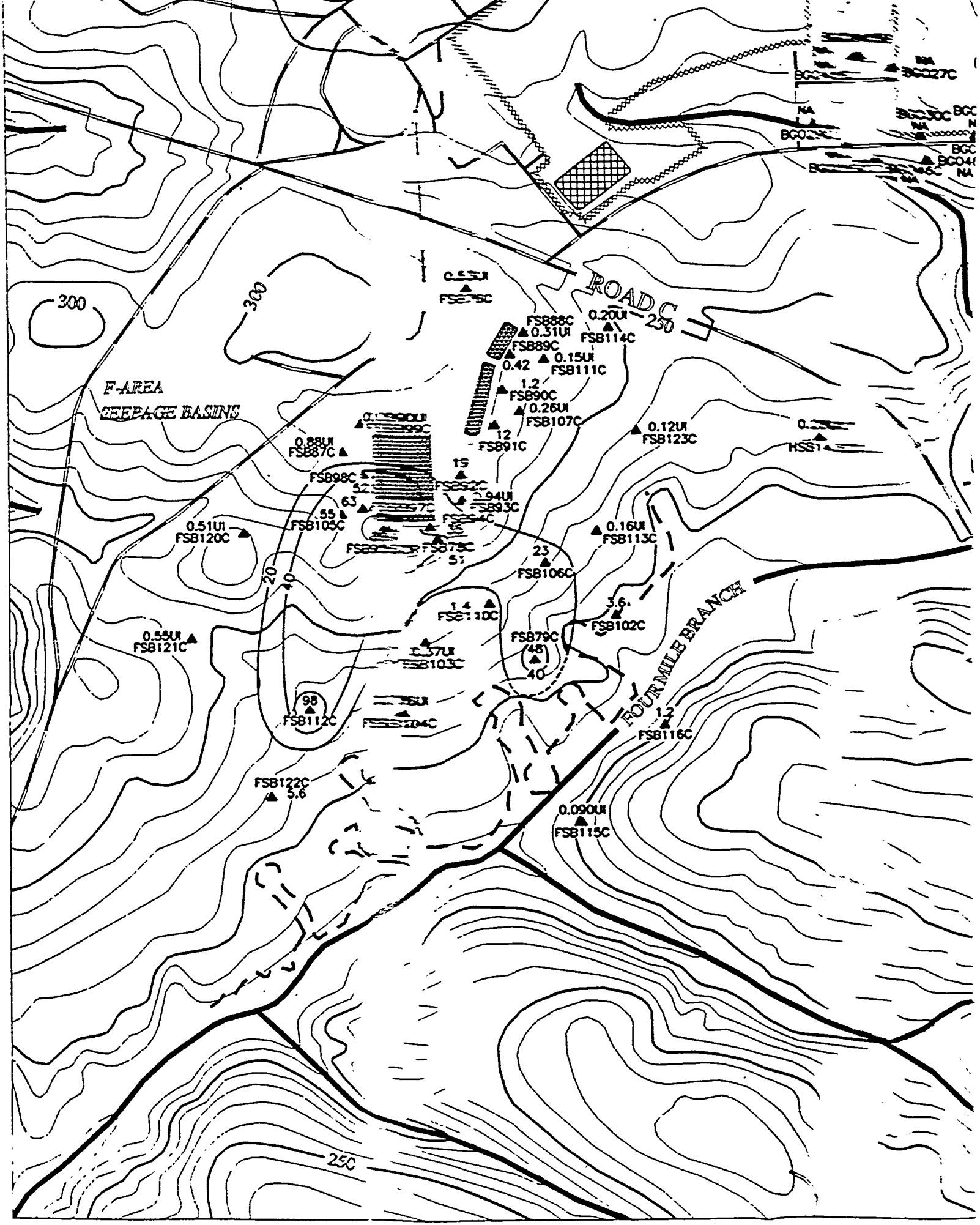


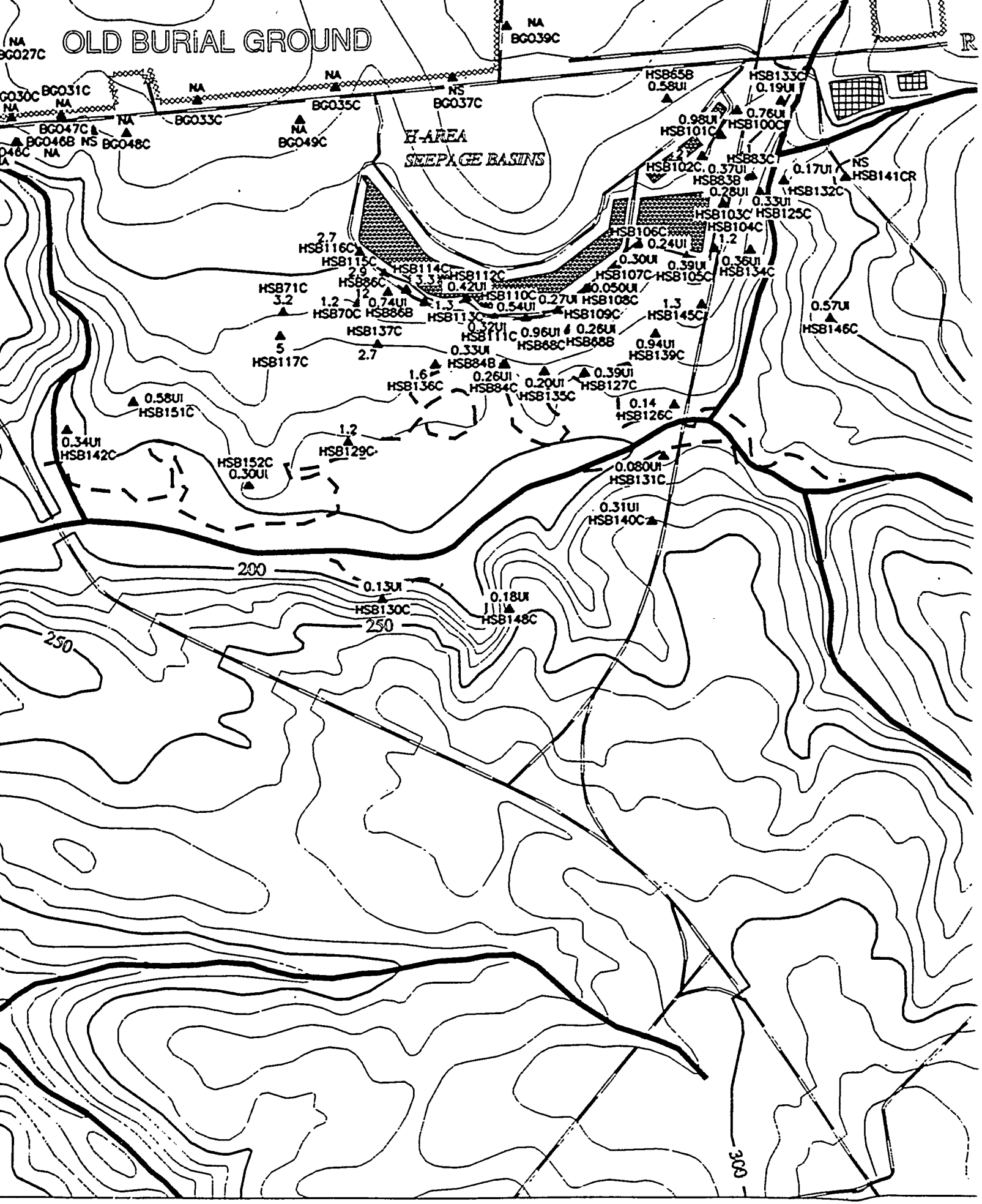
REFERENCE DOCUMENT

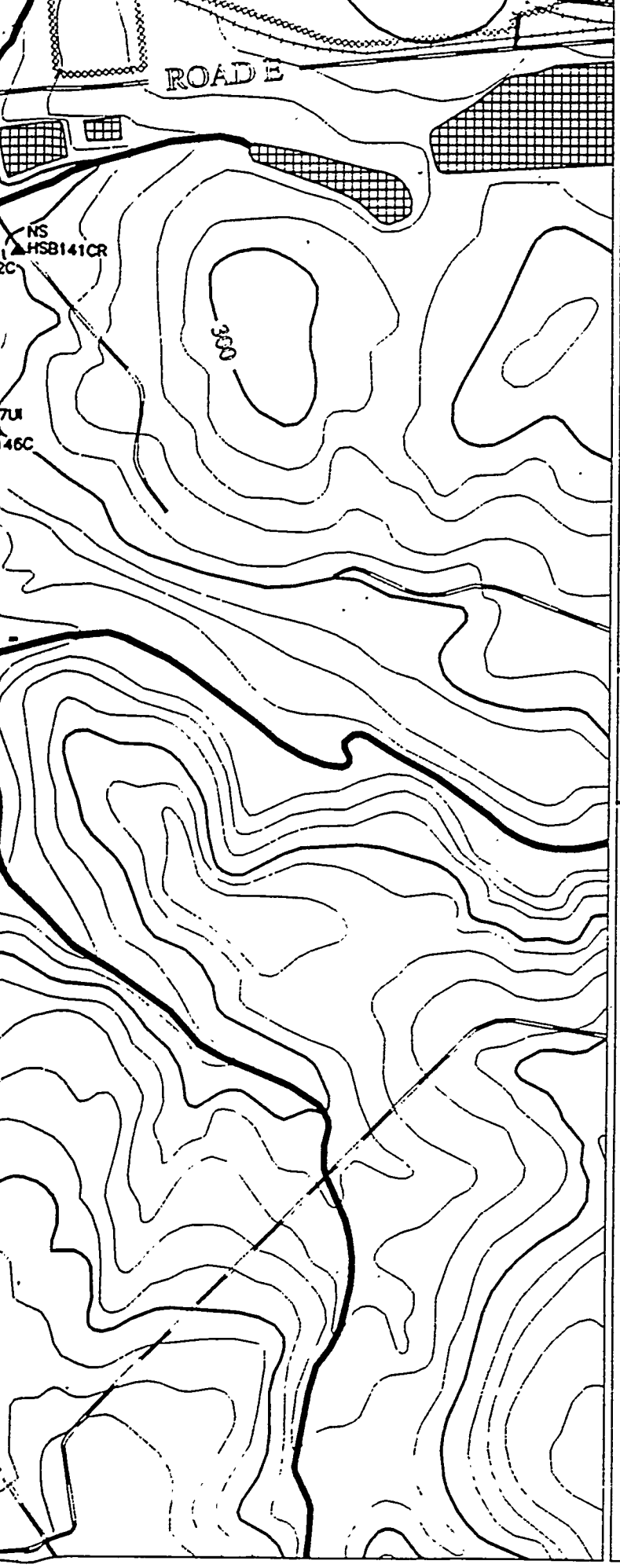
WSRC-TR-95-0146-2 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-2 H-Area Seepage Basins Groundwater Monitoring Report

- 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




F-AREA
SEEPAGE BASINS
ROAD C
FOUR MILE BRANCH
300
250
20
40
0.55UI
FSB75C
FSB88C
0.31UI
FSB89C
0.20UI
FSB114C
0.42
0.15UI
FSB111C
1.2
FSB90C
0.26UI
FSB107C
12
FSB91C
0.12UI
FSB123C
0.88UI
FSB87C
FSB98C
52
63
55
FSB105C
0.51UI
FSB120C
2.94UI
FSB93C
0.16UI
FSB113C
23
FSB106C
3.6
FSB102C
0.55UI
FSB121C
FSB79C
48
40
98
FSB112C
1.2
FSB116C
FSB122C
5.6
0.090UI
FSB115C


OLD BURIAL GROUND
H-AREA
SEEPAGE BASINS
BG027C
BG030C
BG031C
BG033C
BG035C
BG037C
BG039C
BG046C
BG046B
BG047C
BG048C
BG049C
HSB65B
0.58UI
HSB133C
0.19UI
0.98UI
HSB101C
0.76UI
HSB100C
HSB102C
0.37UI
HSB83C
0.17UI
HSB141CR
HSB83B
0.28UI
HSB132C
0.33UI
HSB125C
HSB103C
HSB104C
HSB106C
0.24UI
1.2
0.30UI
0.39UI
0.36UI
HSB134C
HSB107C
HSB105C
0.050UI
HSB108C
0.27UI
HSB110C
0.54UI
HSB109C
1.3
HSB145C
0.57UI
HSB146C
2.7
HSB116C
HSB115C
2.9
HSB114C
3.3
HSB112C
0.42UI
HSB86C
12
HSB71C
3.2
1.2
0.74UI
HSB70C
HSB86B
1.3
HSB113C
0.32UI
HSB137C
HSB111C
0.96UI
0.26UI
HSB68C
HSB68B
0.94UI
HSB139C
5
HSB117C
2.7
0.33UI
HSB84B
1.6
HSB136C
0.26UI
HSB84C
0.20UI
HSB135C
0.39UI
HSB127C
0.14
HSB126C
0.58UI
HSB151C
0.34UI
HSB142C
1.2
HSB129C
HSB152C
0.30UI
0.080UI
HSB131C
0.31UI
HSB140C
200
0.13UI
HSB130C
0.18UI
HSB148C
250
250
300



33.253 33.253

-81.702 -81.626

0 900 1800 2700

Scale 1:900 FT
1:274 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 1st QUARTER '95

AQUIFER:

BARNWELL/McBEAN

CONSTITUENT:

RADIUM 226

GWPS = 20 pCi/L

"NS" = Not Sampled

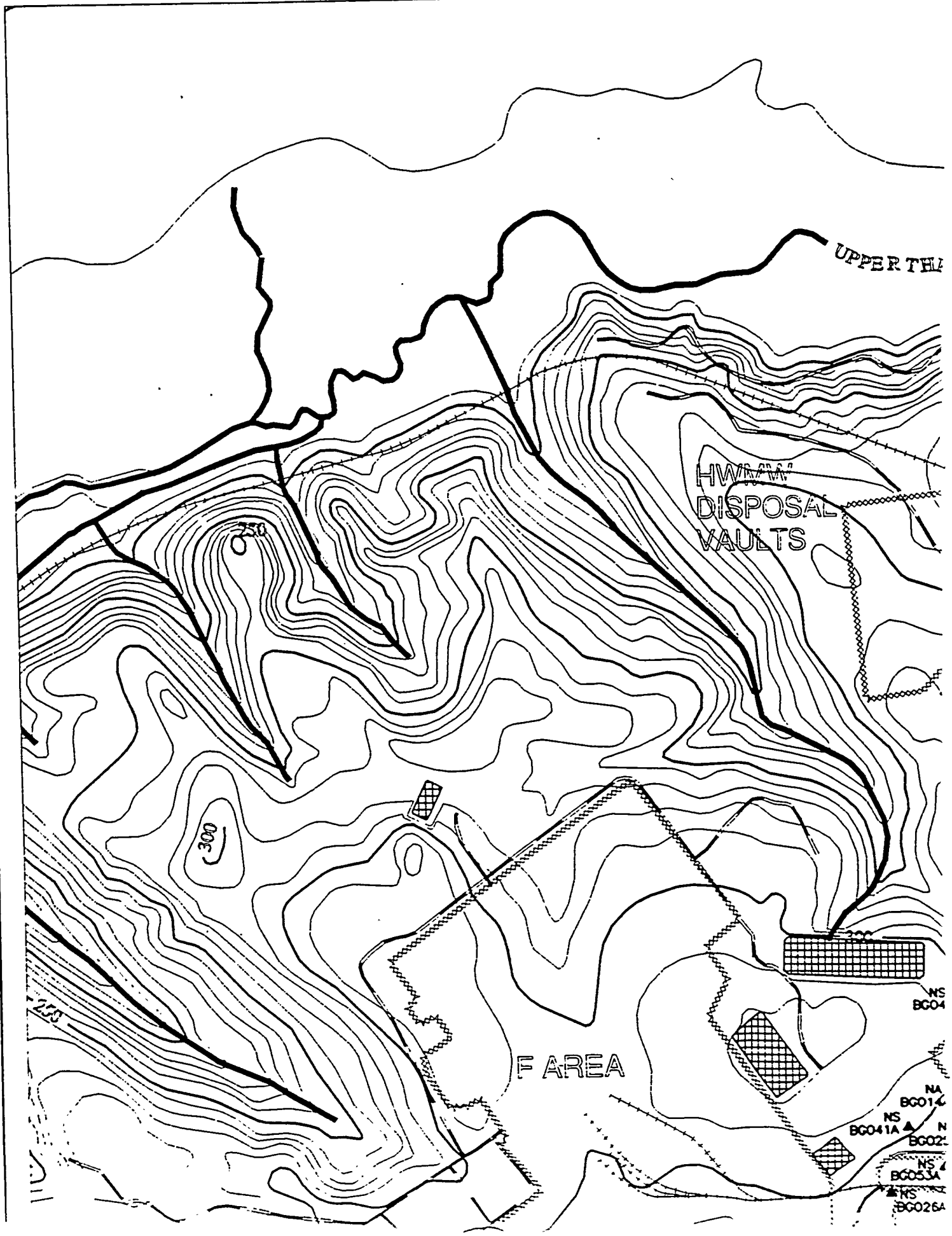
"*" = Wells Not Used to Contour

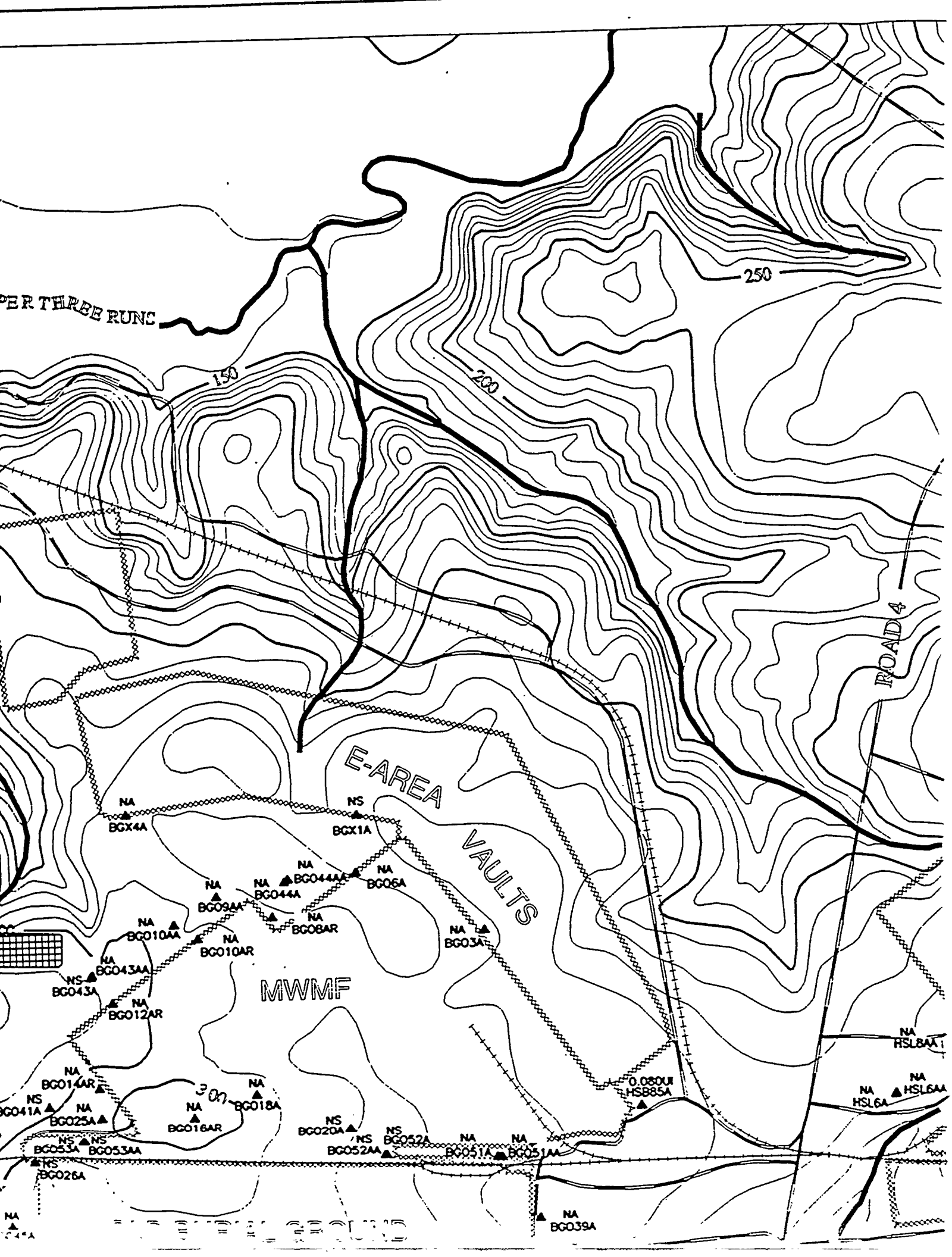
"NA" = Not Analyzed

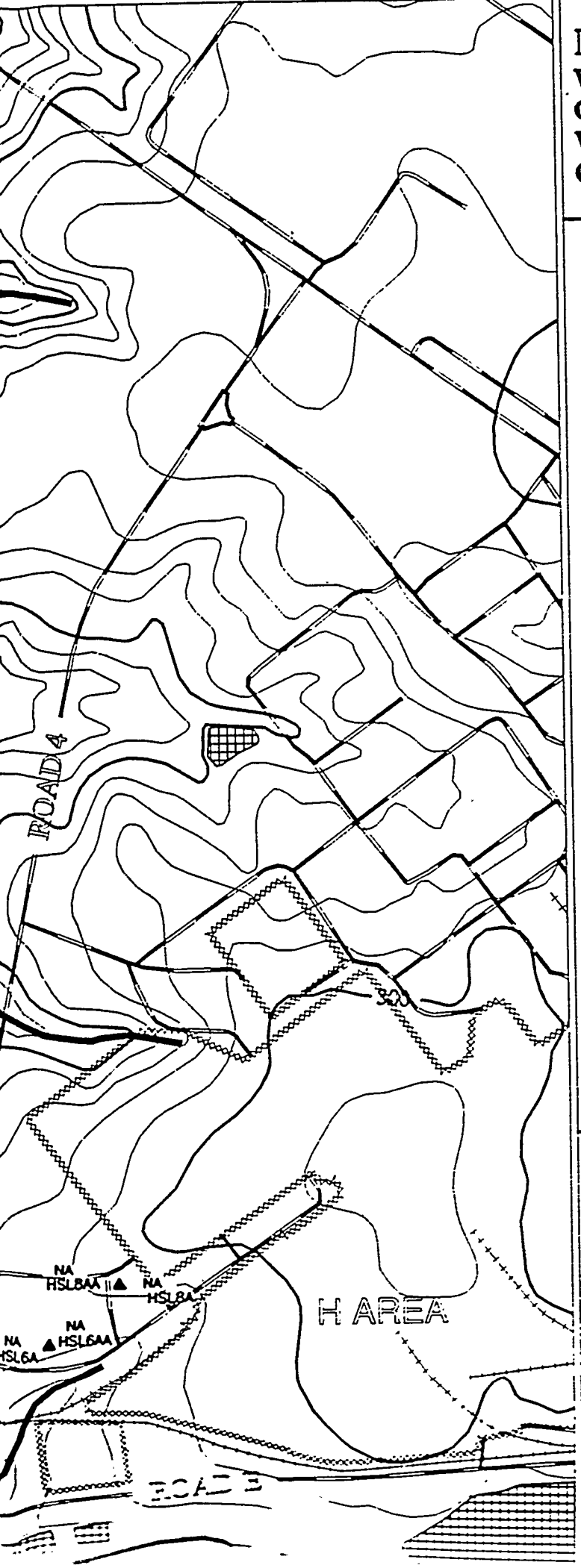
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 20, 40, 80 pCi/L

EPD GIS Lab (803)725-1417


UPPER THI
HW
DISPOSAL
VAULTS
250
300
250
F AREA
NS
BG04
NA
BG01
NS
BG041A
N
BG02
NS
BG053A
NS
BG026A


PER THREE RUNS
250
200
150
ROAD 4
E-AREA VAULTS
MWMF
NA BGX4A
NS BGX1A
NA BG044AA
NA BG044A
NA BG06A
NA BG09AA
NA BG08AR
NA BG010AA
NA BG010AR
NA BG03A
NA BG043AA
NS BG043A
NA BG012AR
NA BG014AR
NS BG041A
NA BG025AA
NA BG016AR
NA BG018A
NS BG053A
NS BG053AA
NS BG026A
NS BG020A
NS BG052A
NS BG052AA
NA BG051A
NA BG051AA
0.080UI HSB85A
NA HSL8AA
NA HSL6A
NA HSL6AA
NA BG039A

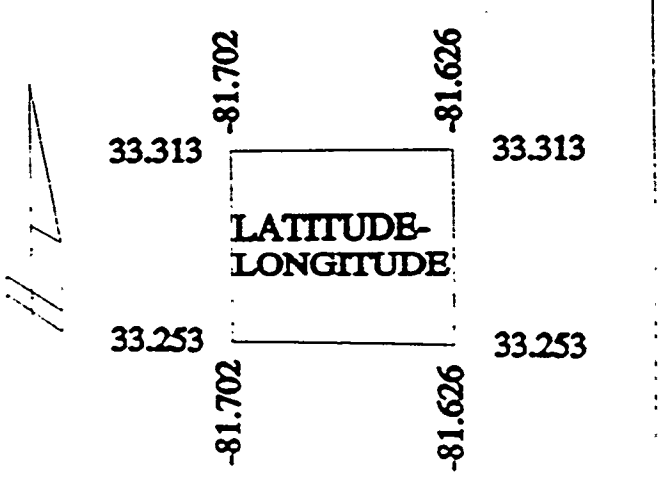


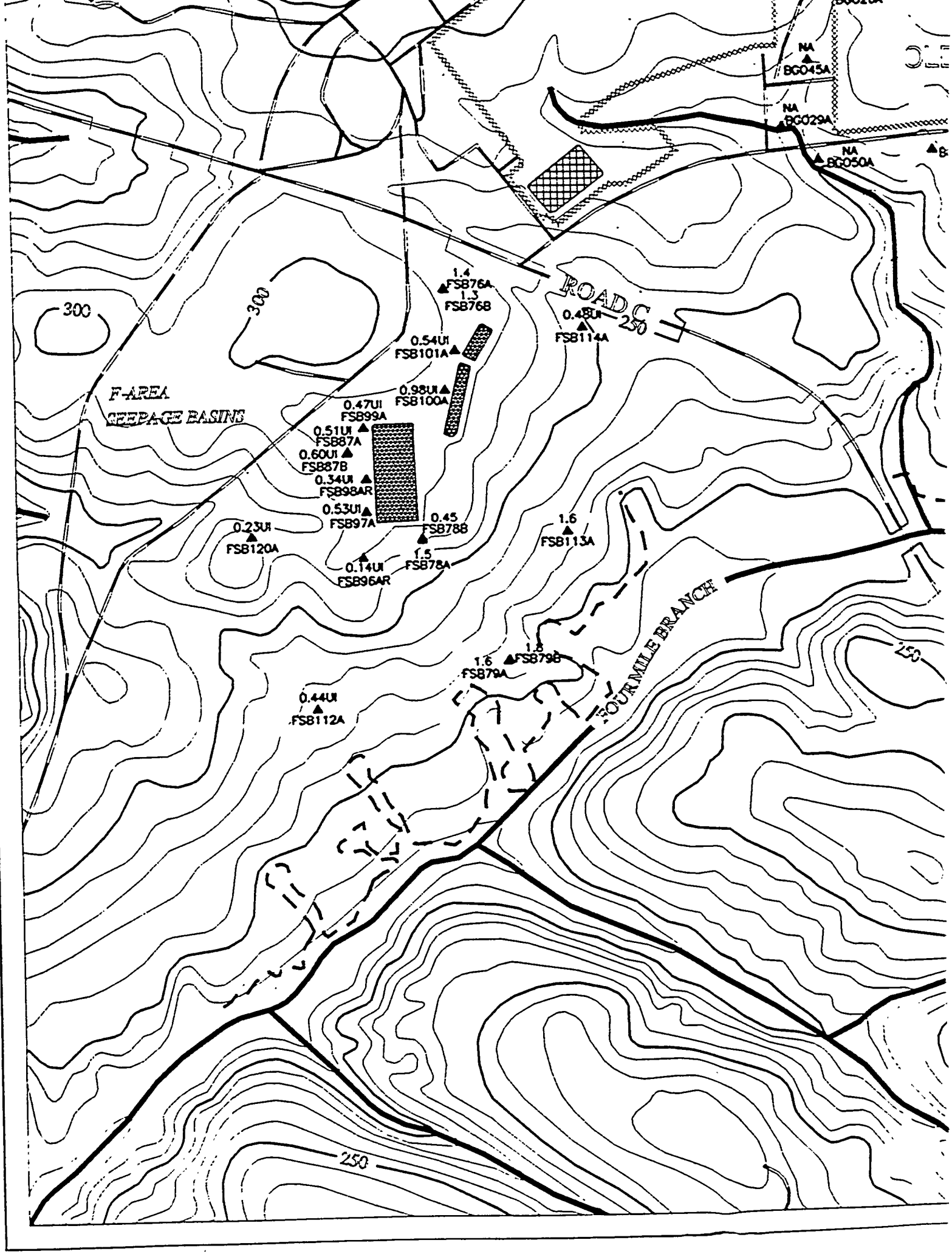
REFERENCE DOCUMENT

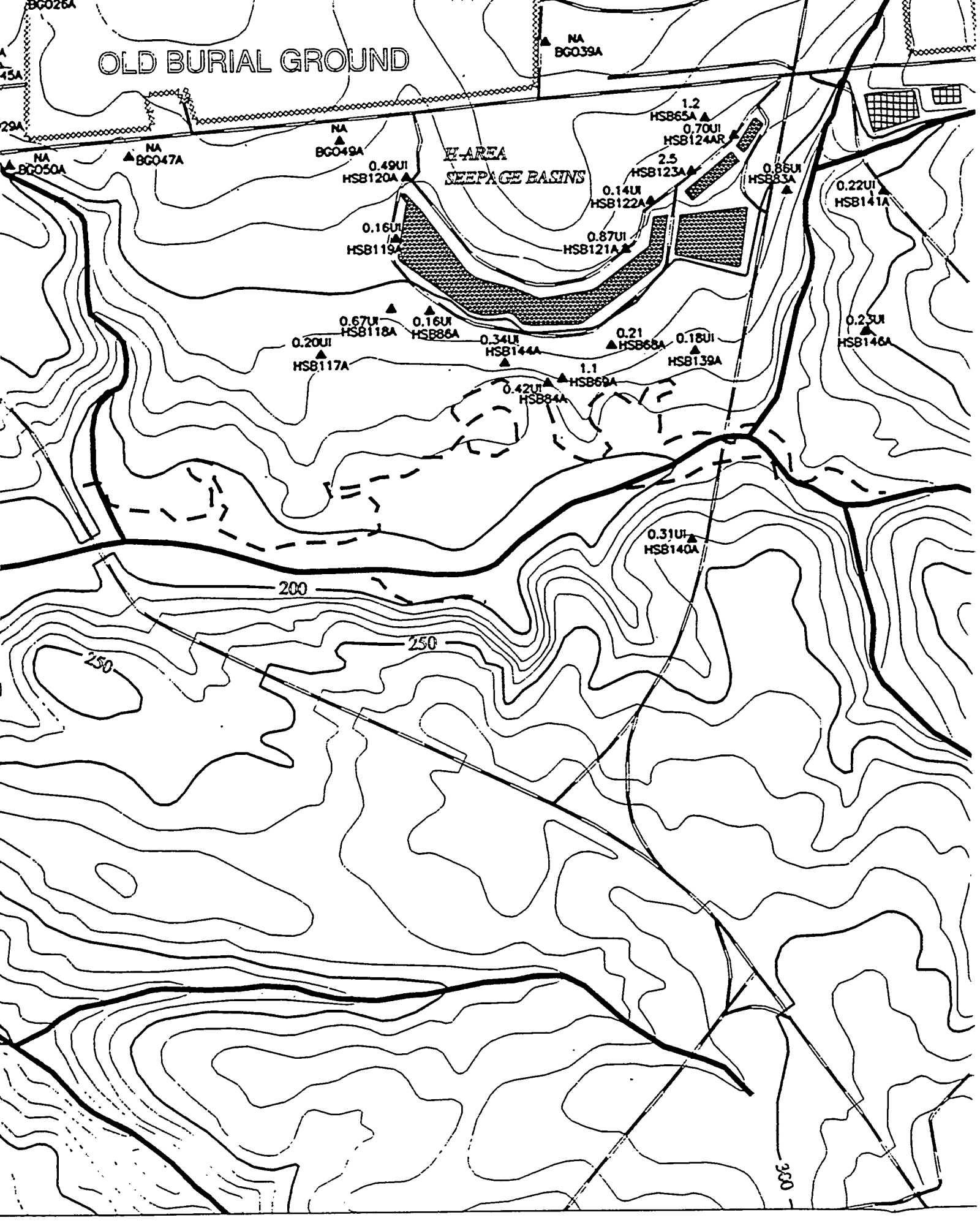
WSRC-TR-95-0146-2 F-Area Seepage Basins Groundwater Monitoring Report

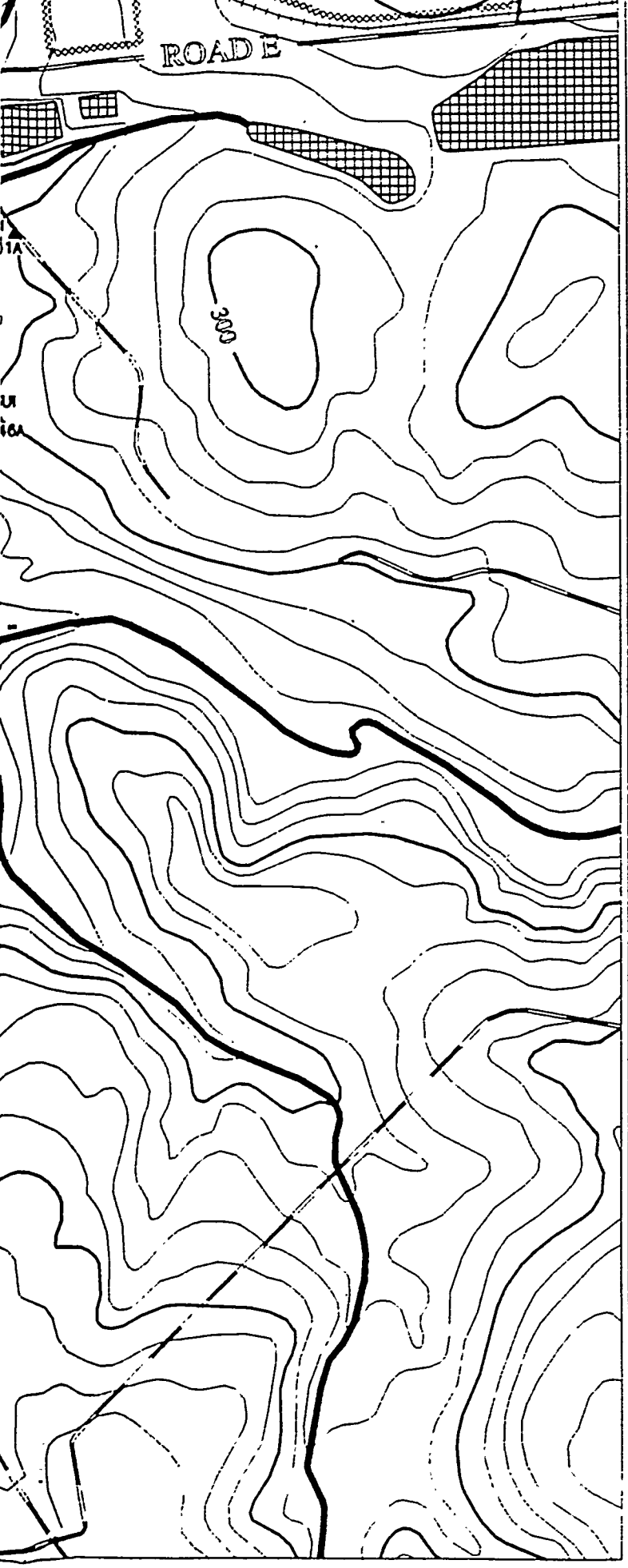
WSRC-TR-95-0147-2 H-Area Seepage Basins Groundwater Monitoring Report

- 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




NA
BG045A
NA
BG029A
NA
BG050A
ROAD C
300
300
250
250
250
F-AREA
SEEPAGE BASINS
1.4
FSB76A
1.3
FSB76B
0.54UI
FSB101A
0.98UI
FSB100A
0.47UI
FSB99A
0.51UI
FSB87A
0.60UI
FSB87B
0.34UI
FSB98AR
0.53UI
FSB97A
0.45
FSB78B
0.23UI
FSB120A
0.14UI
FSB96AR
1.5
FSB78A
0.48UI
FSB114A
1.6
FSB113A
1.8
FSB79B
1.6
FSB79A
0.44UI
FSB112A
FOURMILE BRANCH


OLD BURIAL GROUND
H-AREA
SEEPAGE BASINS
NA
BG026A
NA
BG039A
NA
BG049A
NA
BG047A
NA
BG050A
1.2
HSB865A
0.70UI
HSB124AR
2.5
HSB123A
0.49UI
HSB120A
0.14UI
HSB122A
0.86UI
HSB83A
0.22UI
HSB141A
0.16UI
HSB119A
0.87UI
HSB121A
0.67UI
HSB118A
0.16UI
HSB86A
0.20UI
HSB117A
0.34UI
HSB144A
0.21
HSB68A
0.18UI
HSB139A
0.23UI
HSB146A
1.1
HSB69A
0.42UI
HSB84A
0.31UI
HSB140A
200
250
250
300



Scale 1:900 FT
1:274 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 1st QUARTER '95

AQUIFER:

CONGAREE

CONSTITUENT:

RADIUM 226

GWPS = 20 pCi/L

"NS" = Not Sampled

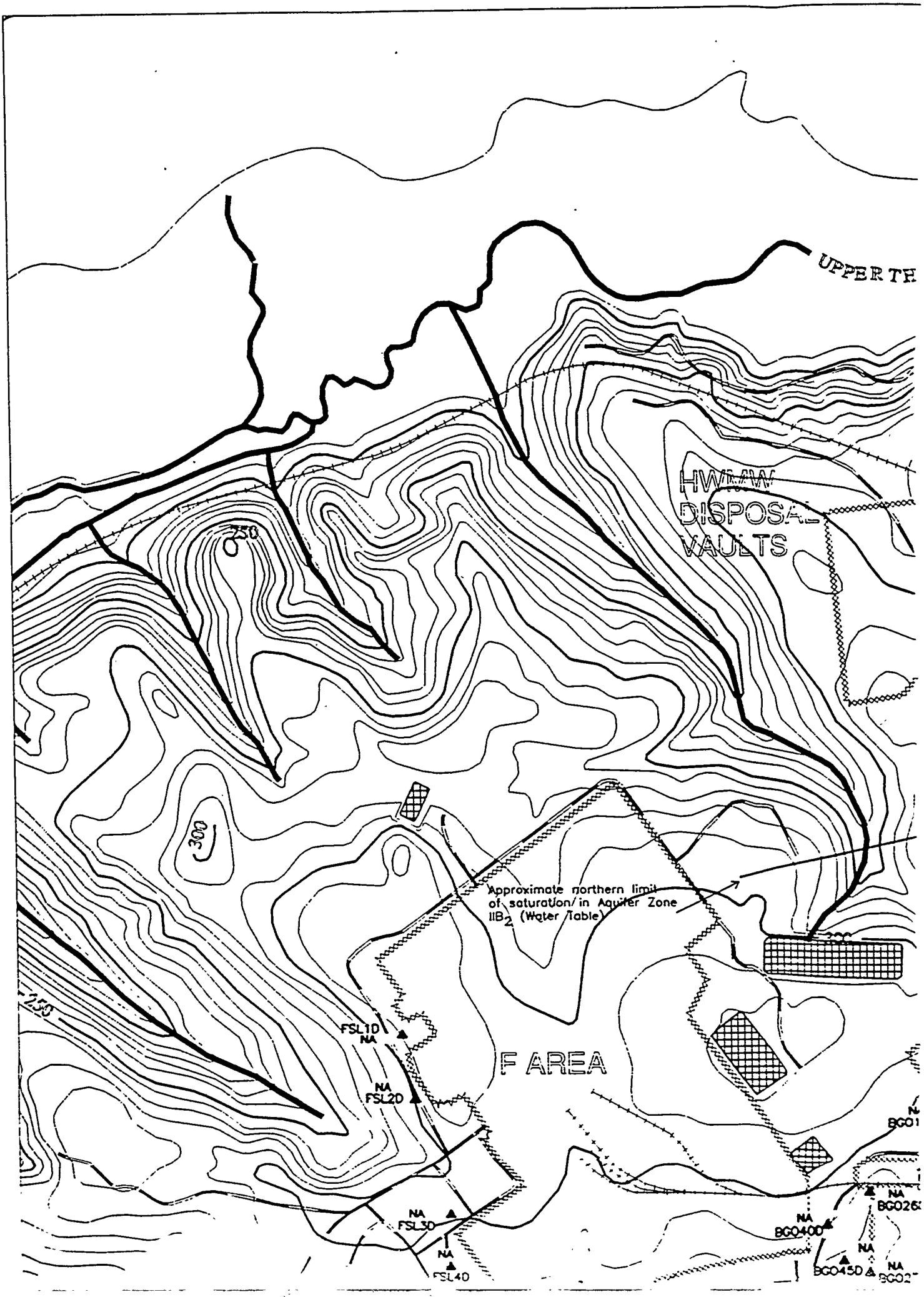
"*" = Wells Not Used to Contour

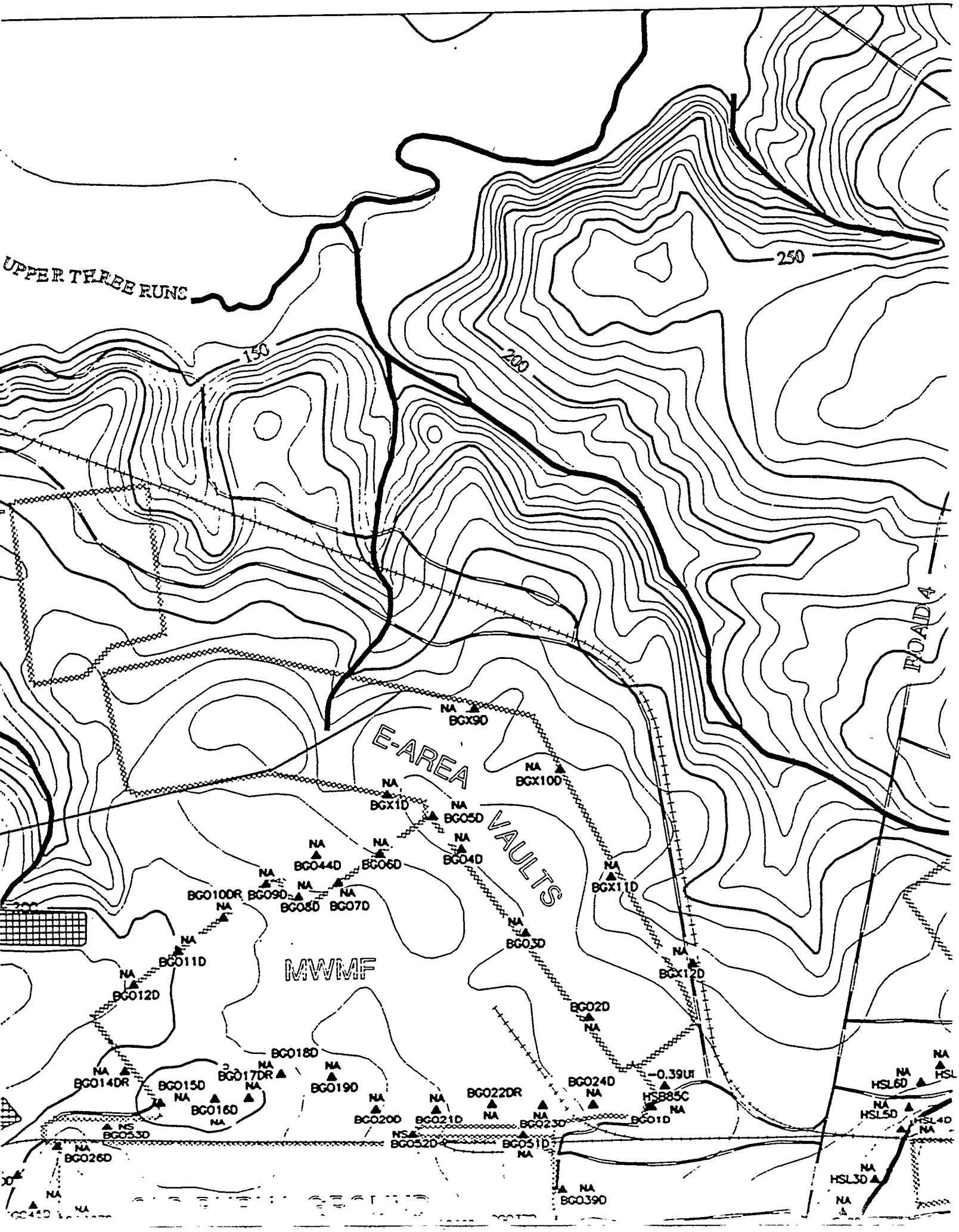
"NA" = Not Analyzed

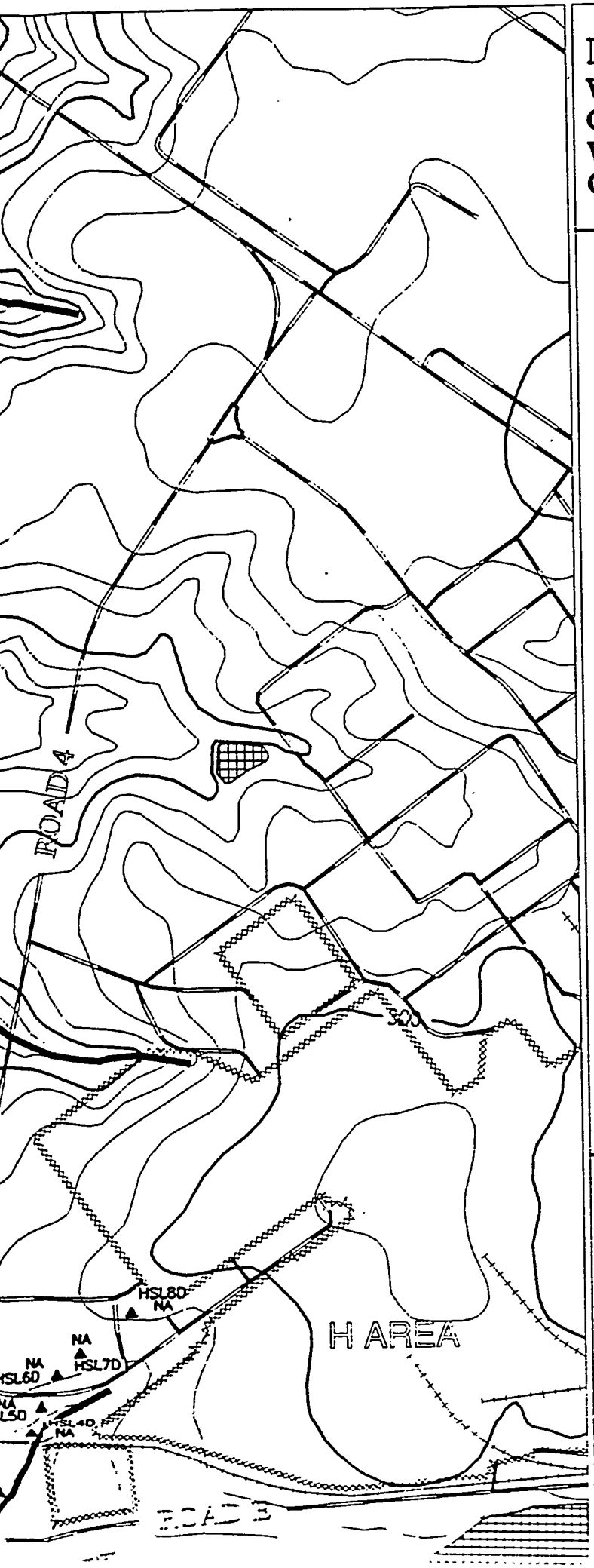
"UI" = Analyte Not Detected,
Value Is Instrument Reading

Contour Intervals at: 20, 40, 80 pCi/L

EPD GIS Lab (803)725-1417


UPPER TH
HW
DISPOSA
VAULTS
250
300
Approximate northern limit of saturation/ in Aquifer Zone IIB2 (Water Table)
F AREA
FSL1D
NA
NA
FSL2D
NA
FSL3D
NA
FSL4D
BG01
NA
BG026
NA
BG0400
NA
BG045D
NA
BG02-


UPPER THREE RUNS
250
200
150
ROAD 4
E-AREA VAULTS
MWMF
BGX9D
BGX10D
BGX1D
BG05D
BG04D
BGX11D
BG044D
BG06D
BG100R
BG090D
BG080
BG07D
BG03D
BG011D
BGX12D
BG012D
BG02D
BG018D
BG017DR
BG014DR
BG015D
BG019D
BG016D
BG022DR
BG024D
-0.39UI
HSB85C
BG020D
BG021D
BG023D
BG01D
BG053D
BG052D
BG051D
BG026D
BG039D
HSL6D
HSL5D
HSL4D
HSL3D
NA
NS

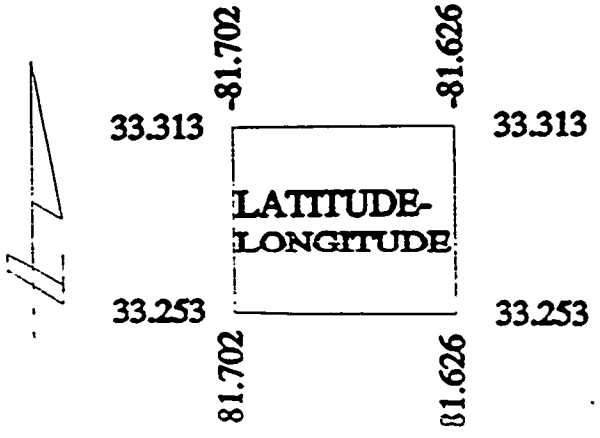


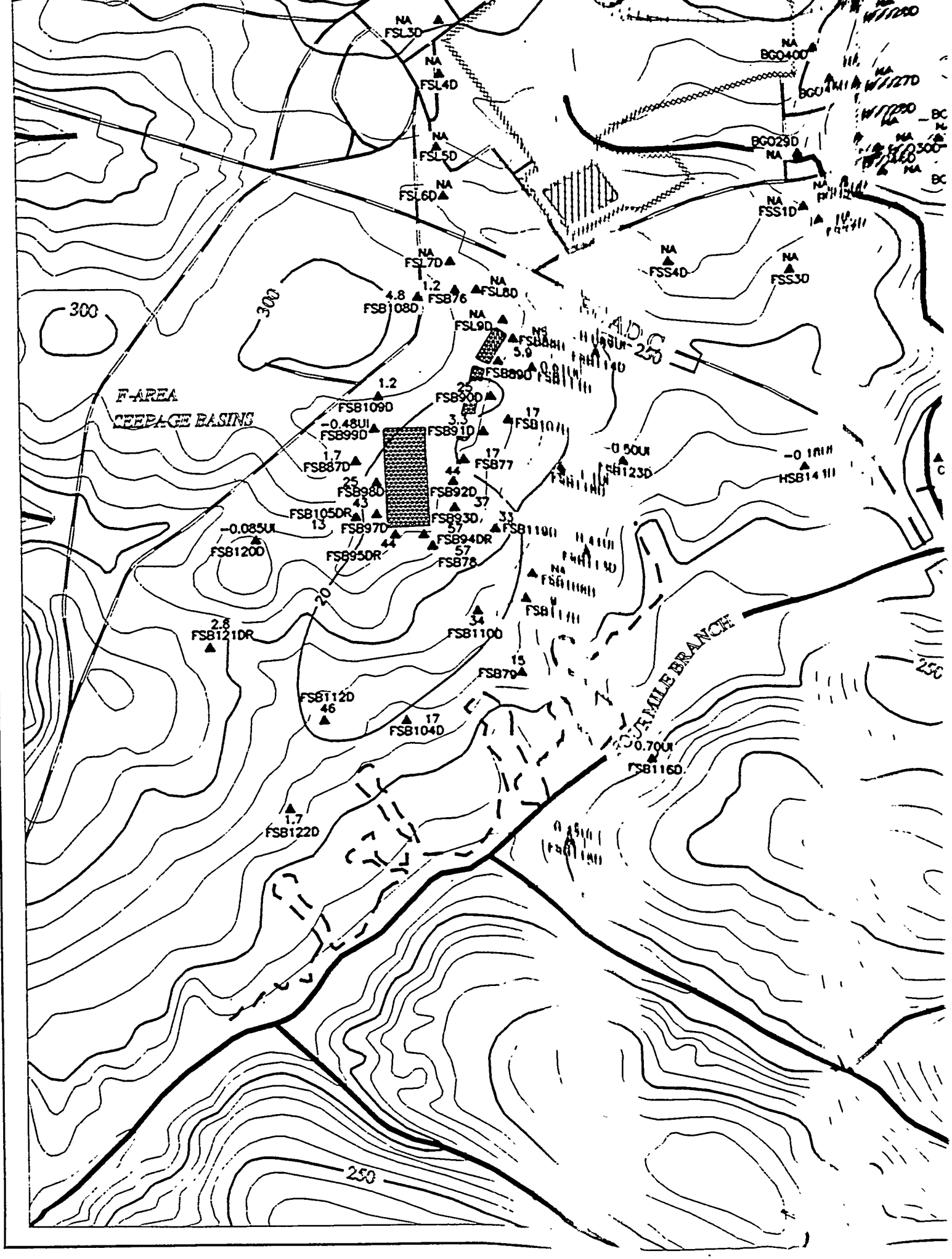
REFERENCE DOCUMENT

WSRC-TR-95-0146-2 F-Area Seepage Basins Groundwater Monitoring Report

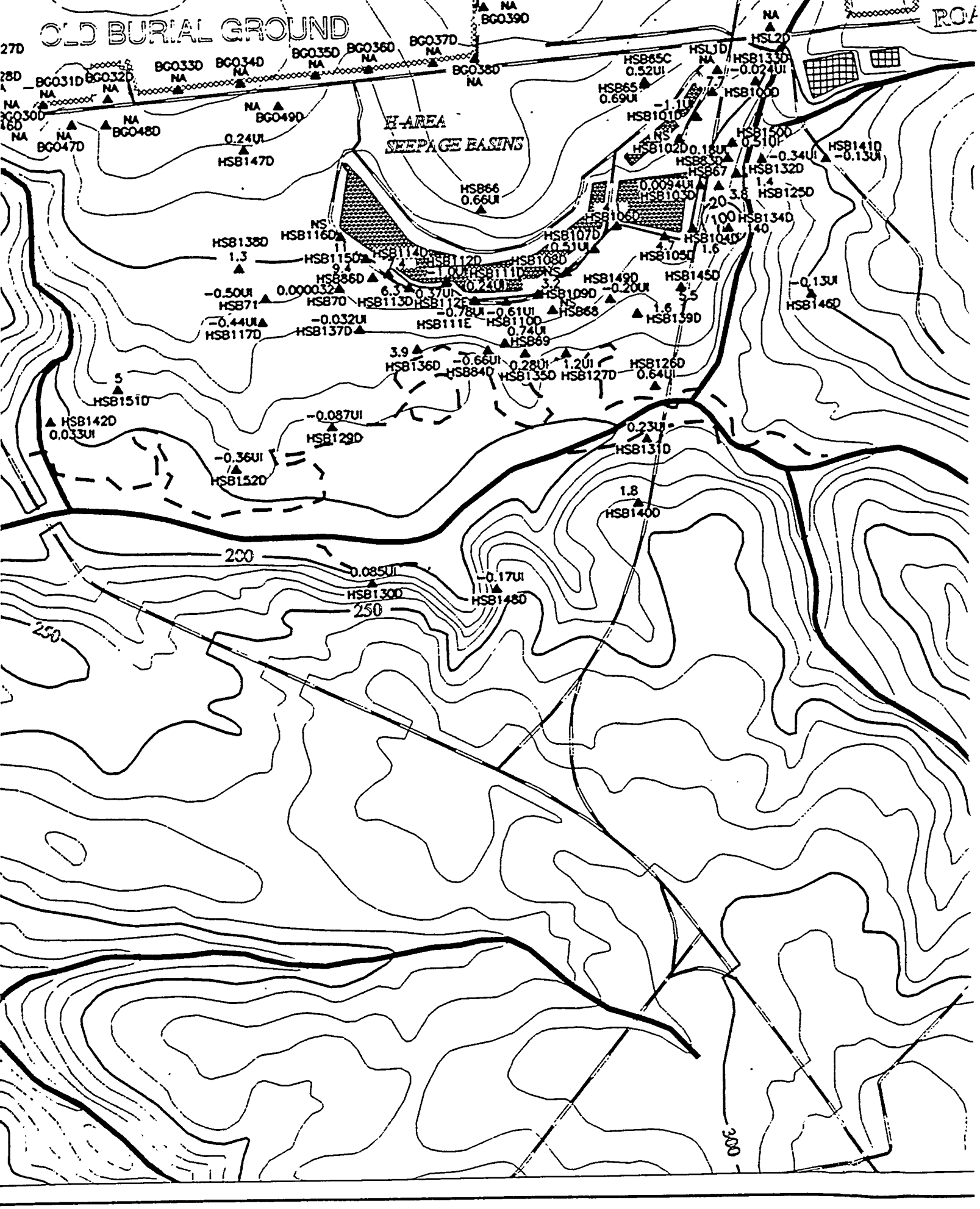
WSRC-TR-95-0147-2 H-Area Seepage Basins Groundwater Monitoring Report

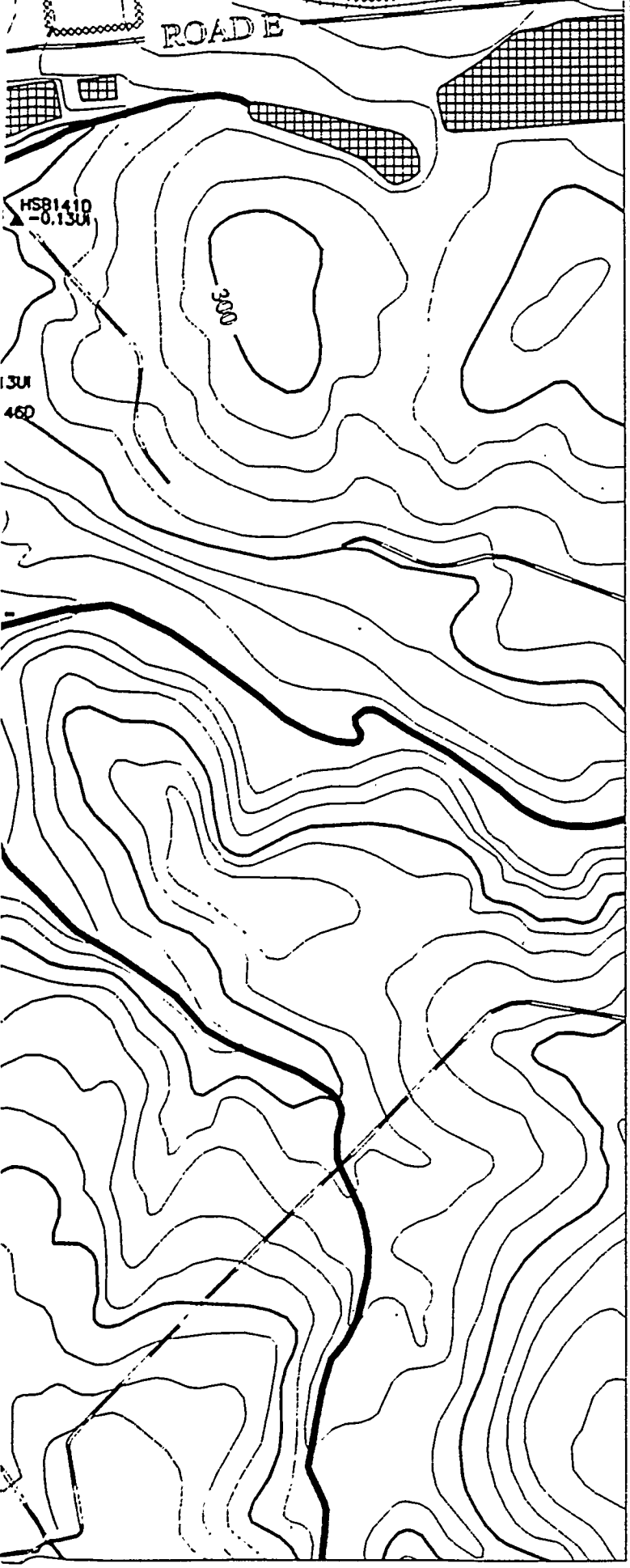
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL





F-AREA
SEEPAGE BASINS
FOURMILE BRANCH
300
250
20
NA FSL3D
NA FSL4D
NA FSL5D
NA FSL6D
NA FSL7D
NA FSL8D
NA FSL9D
NA BG040D
BG029D
NA FSS1D
NA FSS4D
NA FSS3D
4.8 FSB108D
1.2 FSB76
5.9 FSB89D
1.2 FSB109D
25 FSB90D
-0.48UI FSB99D
3.3 FSB91D
17 FSB77
1.7 FSB87D
25 FSB98D
44 FSB92D
43 FSB105DR
13 FSB97D
37 FSB93D
-0.085UI FSB120D
44 FSB95DR
57 FSB94DR
57 FSB78
33 FSB119D
-0.50UI FSB123D
-0.18UI HSB141D
2.8 FSB121DR
34 FSB110D
15 FSB79
FSB112D 46
17 FSB104D
0.70UI FSB116D
1.7 FSB122D


OLD BURIAL GROUND
H-AREA
SEEPAGE BASINS
BG039D
BG037D
BG036D
BG035D
BG034D
BG033D
BG032D
BG031D
BG030D
BG038D
BG049D
BG048D
BG047D
HSB147D
HSB66
0.66UI
HSB65C
0.52UI
HSB65
0.69UI
HSL1D
HSL2D
HSB133D
-0.024UI
HSB100D
HSB101D
HSB102D
HSB150D
0.510F
HSB141D
-0.13UI
HSB132D
HSB125D
HSB134D
HSB104D
HSB105D
HSB106D
HSB107D
HSB108D
HSB109D
HSB111D
HSB112D
HSB114D
HSB116D
HSB138D
HSB115D
HSB86D
HSB71
HSB70
HSB113D
HSB112E
HSB111E
HSB110D
HSB68
HSB69
HSB149D
HSB145D
HSB139D
HSB146D
HSB117D
HSB137D
HSB136D
HSB84D
HSB135D
HSB127D
HSB126D
0.64UI
HSB151D
HSB142D
0.033UI
HSB129D
HSB152D
HSB131D
HSB140D
HSB130D
HSB148D
200
250
300



-81.70

-81.62

0 900 1800 2700

Scale 1:900 FT
1:274 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 1st QUARTER '95

AQUIFER:

WATER TABLE

CONSTITUENT:

RADIUM 228

GWPS = 20 pCi/L

"NS" = Not Sampled

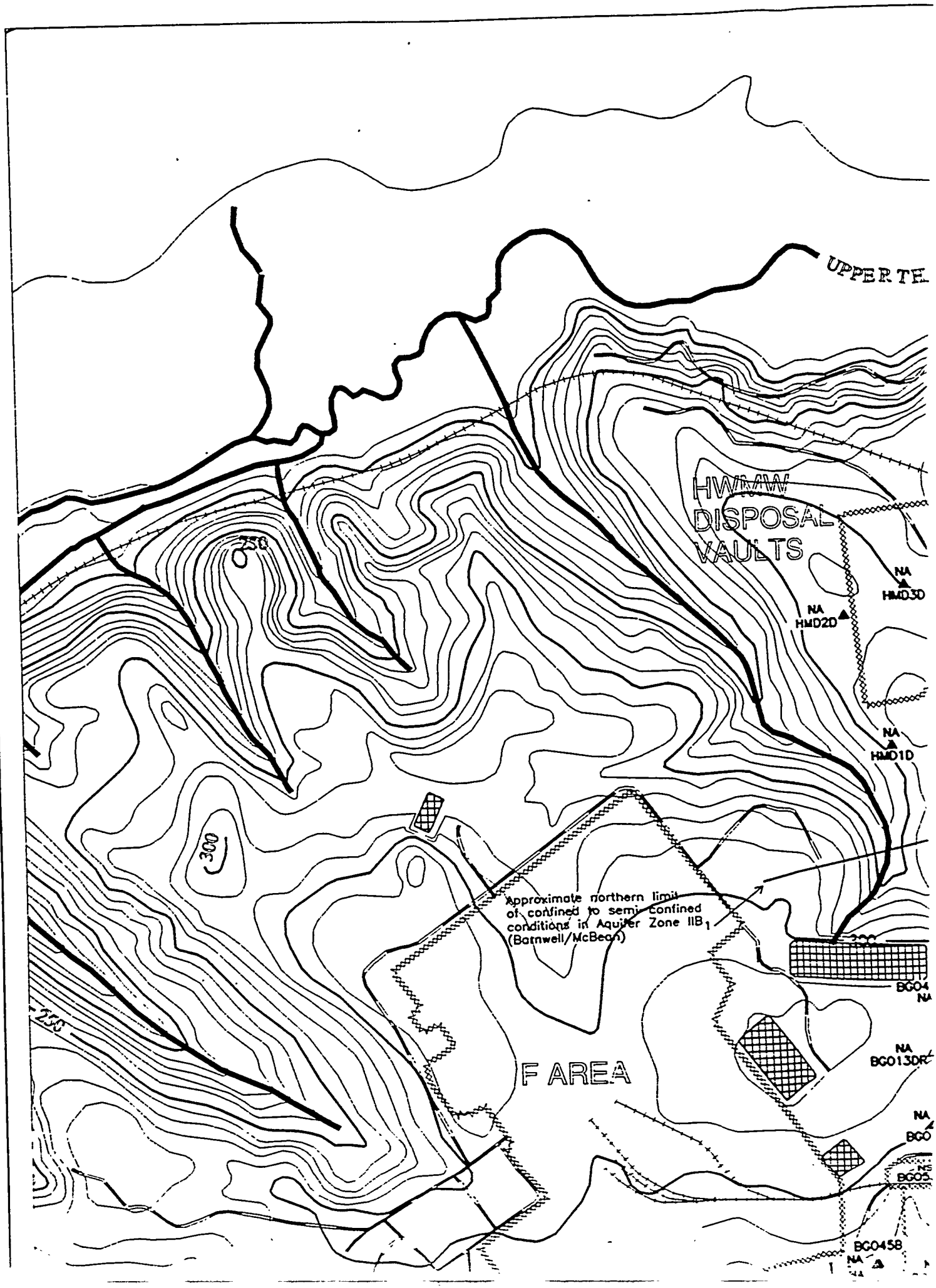
"*" = Wells Not Used to Contour

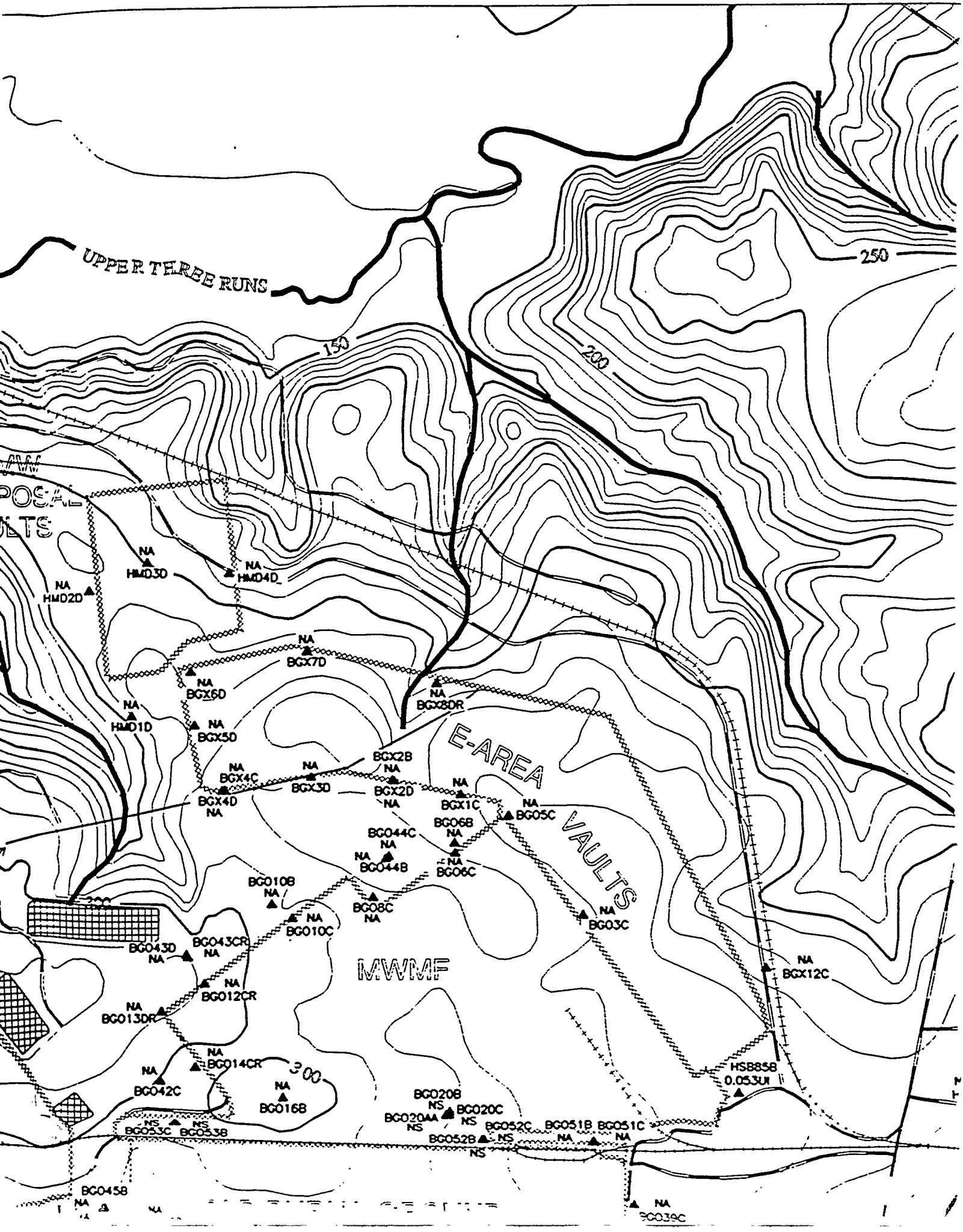
"NA" = Not Analyzed

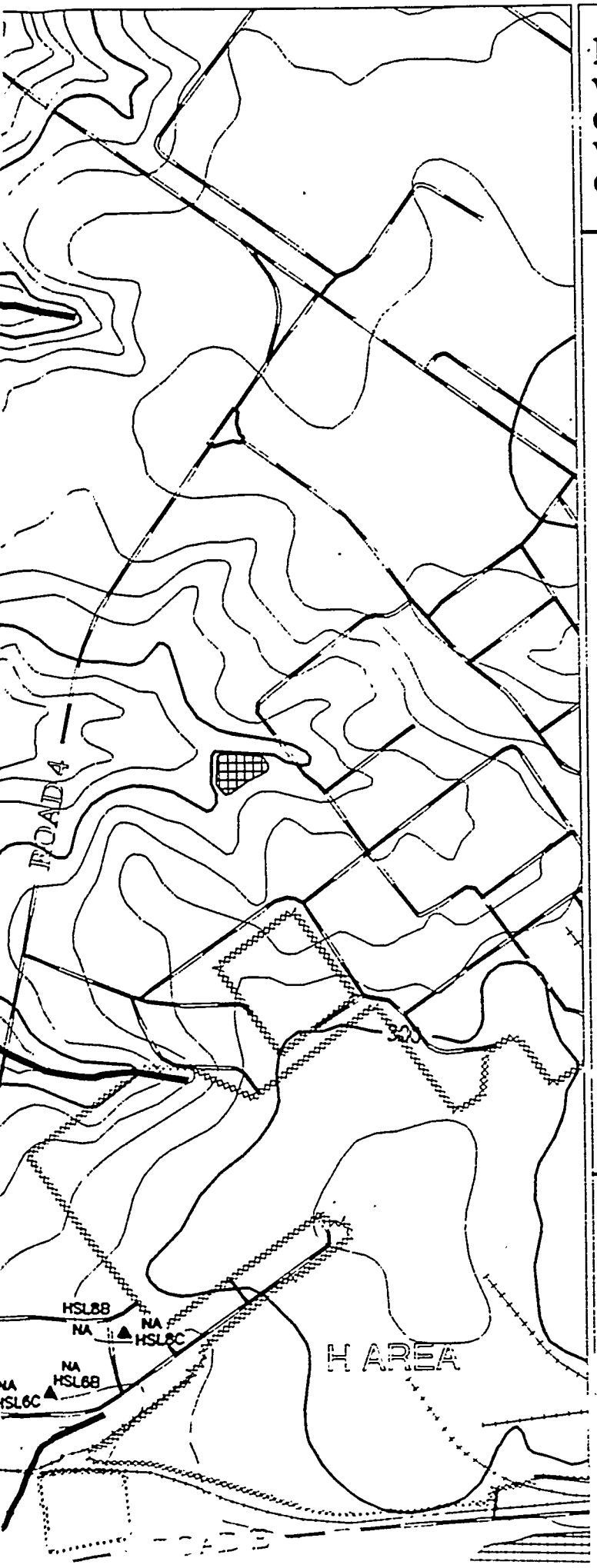
"UI" = Analyte Not Detected,
Value Is Instrument Reading

Contour Intervals at: 20, 100, 200 pCi/L

EPD GIS Lab (803)725-1417


UPPER TH
HWMA
DISPOSAL
VAULTS
NA
HMD3D
NA
HMD2D
NA
HMD1D
250
300
250
Approximate northern limit
of confined to semi-confined
conditions in Aquifer Zone IIB1
(Barnwell/McBean)
BG04
NA
NA
BG013DR
F AREA
NA
BG0
NS
BG05
BG0458
NA

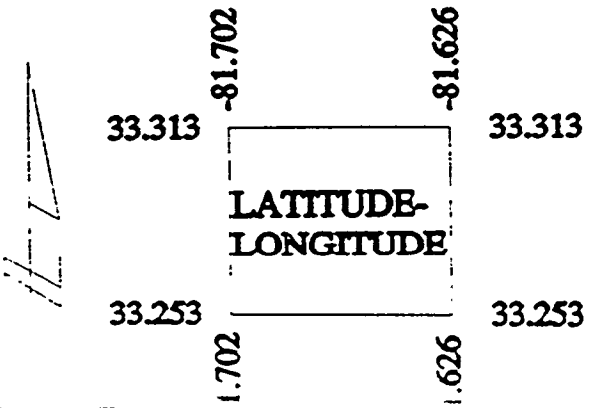

UPPER TERRE RUNS
250
200
150
300
E-AREA VAULTS
MWMF
HMD2D
HMD3D
HMD4D
HMD1D
BGX7D
BGX6D
BGX8DR
BGX5D
BGX4C
BGX3D
BGX2B
BGX2D
BGX4D
BGX1C
BG05C
BG06B
BG044C
BG044B
BG06C
BG08C
BG010B
BG010C
BG03C
BG043D
BG043CR
BG012CR
BG013DR
BGX12C
BG014CR
BG042C
BG016B
HSB858
0.053UI
BG020B
BG020C
BG020AA
BG052C
BG051B
BG051C
BG052B
BG053C
BG053B
BG045B
BG039C

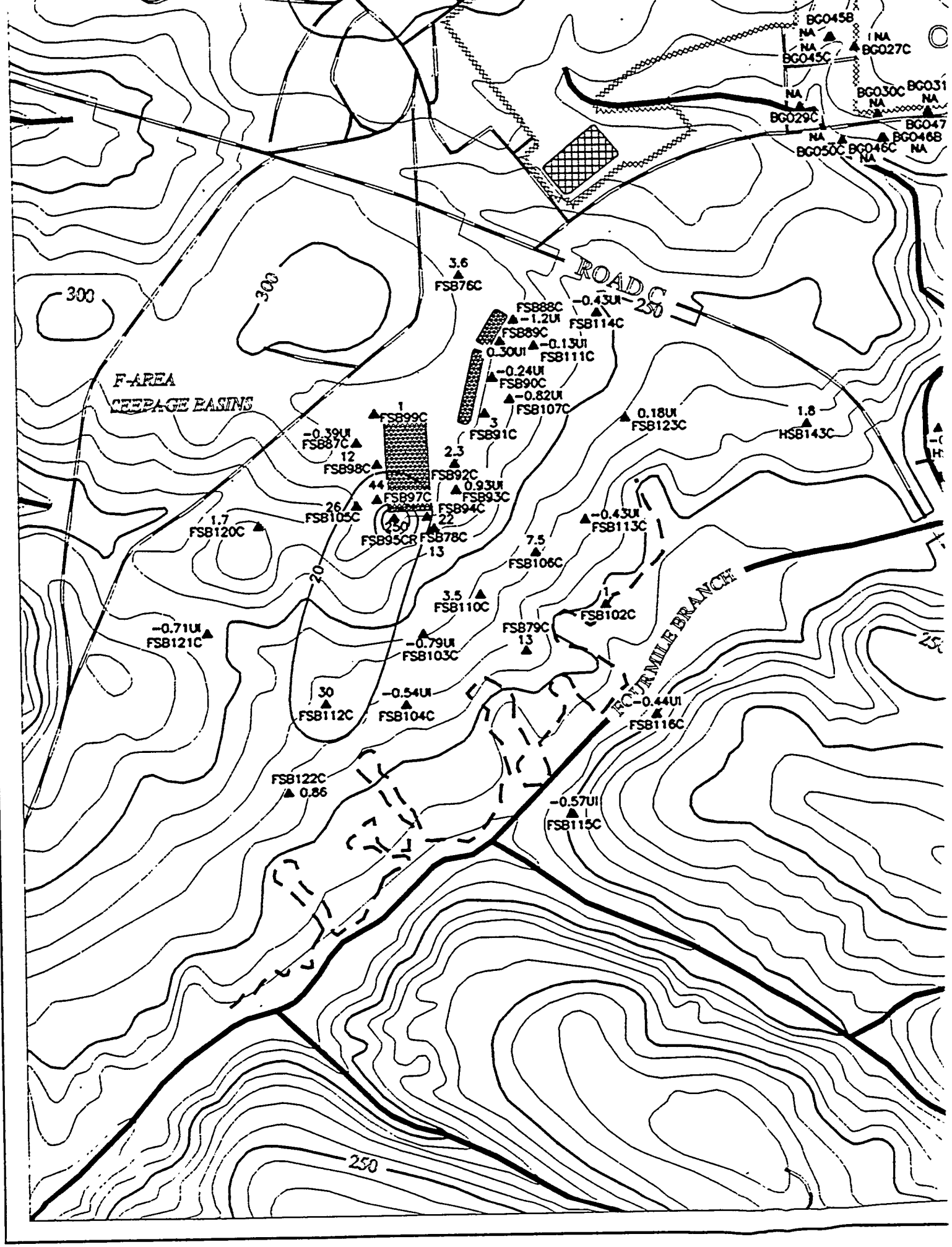


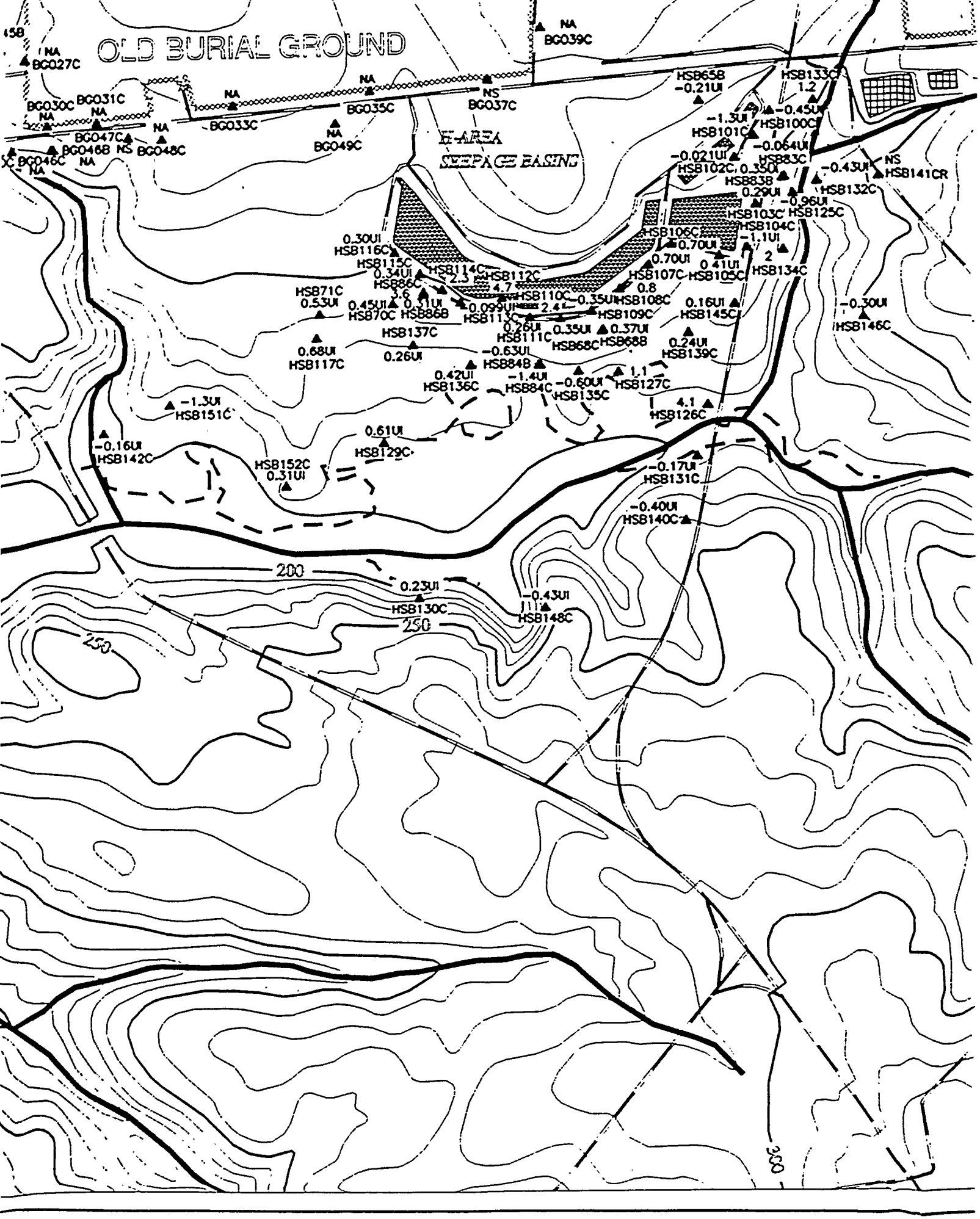
REFERENCE DOCUMENT

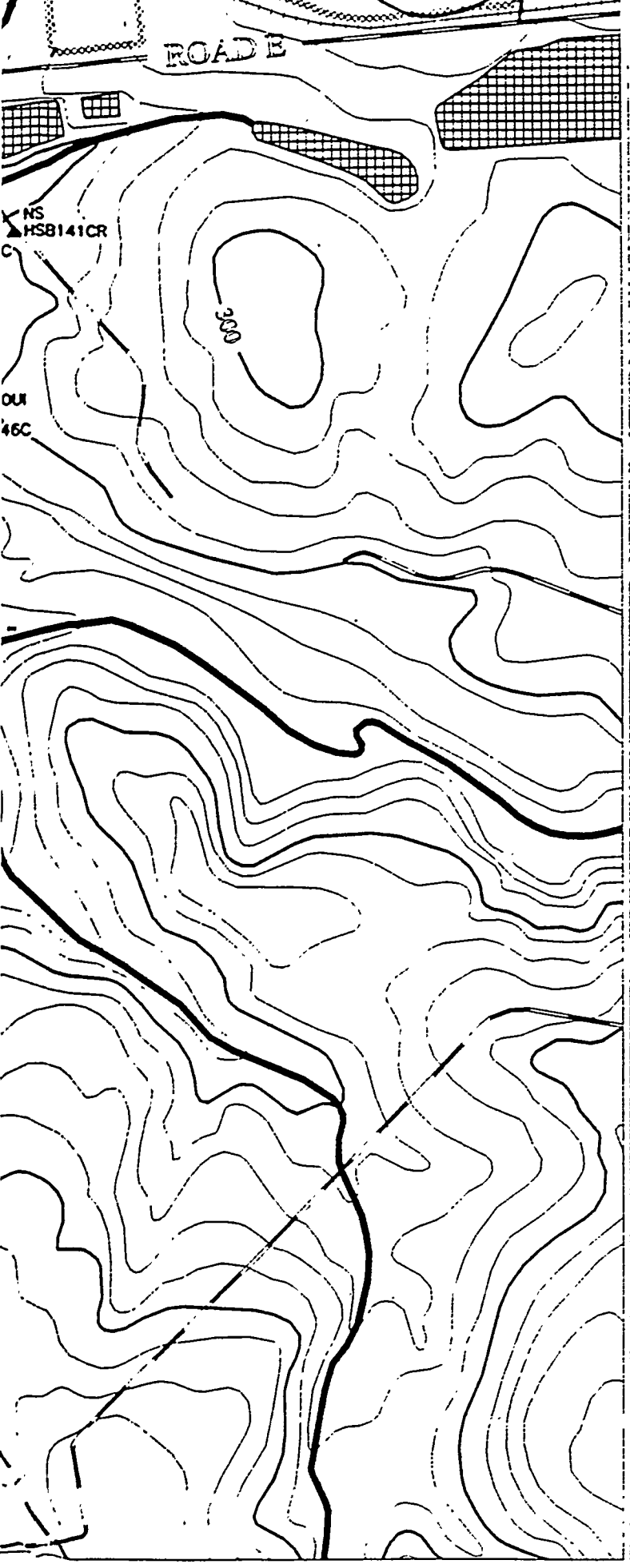
WSRC-TR-95-0146-2 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-2 H-Area Seepage Basins Groundwater Monitoring Report

- 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




F-AREA
SEEPAGE BASINS
ROAD C
FOURMILE BRANCH
300
250
20
BG045B
BG027C
BG045C
BG030C
BG031
BG029C
BG047
BG046B
BG050C
BG046C
FSB76C
FSB88C
FSB114C
FSB89C
FSB111C
FSB90C
FSB107C
FSB91C
FSB123C
HSB143C
FSB99C
FSB87C
FSB98C
FSB92C
FSB97C
FSB93C
FSB94C
FSB105C
FSB95CR
FSB78C
FSB120C
FSB113C
FSB106C
FSB110C
FSB102C
FSB79C
FSB121C
FSB103C
FSB112C
FSB104C
FSB116C
FSB122C
FSB115C


OLD BURIAL GROUND
H-AREA
SEEPAGE BASIN
BG027C
BG030C
BG031C
BG033C
BG035C
BG037C
BG039C
BG046C
BG047C
BG048C
BG049C
HSB65B
HSB133C
HSB100C
HSB101C
HSB83C
HSB102C
HSB83B
HSB141CR
HSB132C
HSB125C
HSB103C
HSB104C
HSB106C
HSB134C
HSB105C
HSB107C
HSB108C
HSB109C
HSB145C
HSB146C
HSB116C
HSB115C
HSB114C
HSB112C
HSB86C
HSB71C
HSB70C
HSB86B
HSB110C
HSB113C
HSB111C
HSB68C
HSB68B
HSB137C
HSB117C
HSB139C
HSB84B
HSB84C
HSB135C
HSB127C
HSB126C
HSB136C
HSB151C
HSB142C
HSB129C
HSB152C
HSB131C
HSB140C
HSB130C
HSB148C
200
250
300



-81.702

-81.626

0 900 1800 2700

Scale 1:900 FT
1:274 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 1st QUARTER '95

AQUIFER:

BARNWELL/McBEAN

CONSTITUENT:

RADIUM 228

GWPS = 20 pCi/L

"NS" = Not Sampled

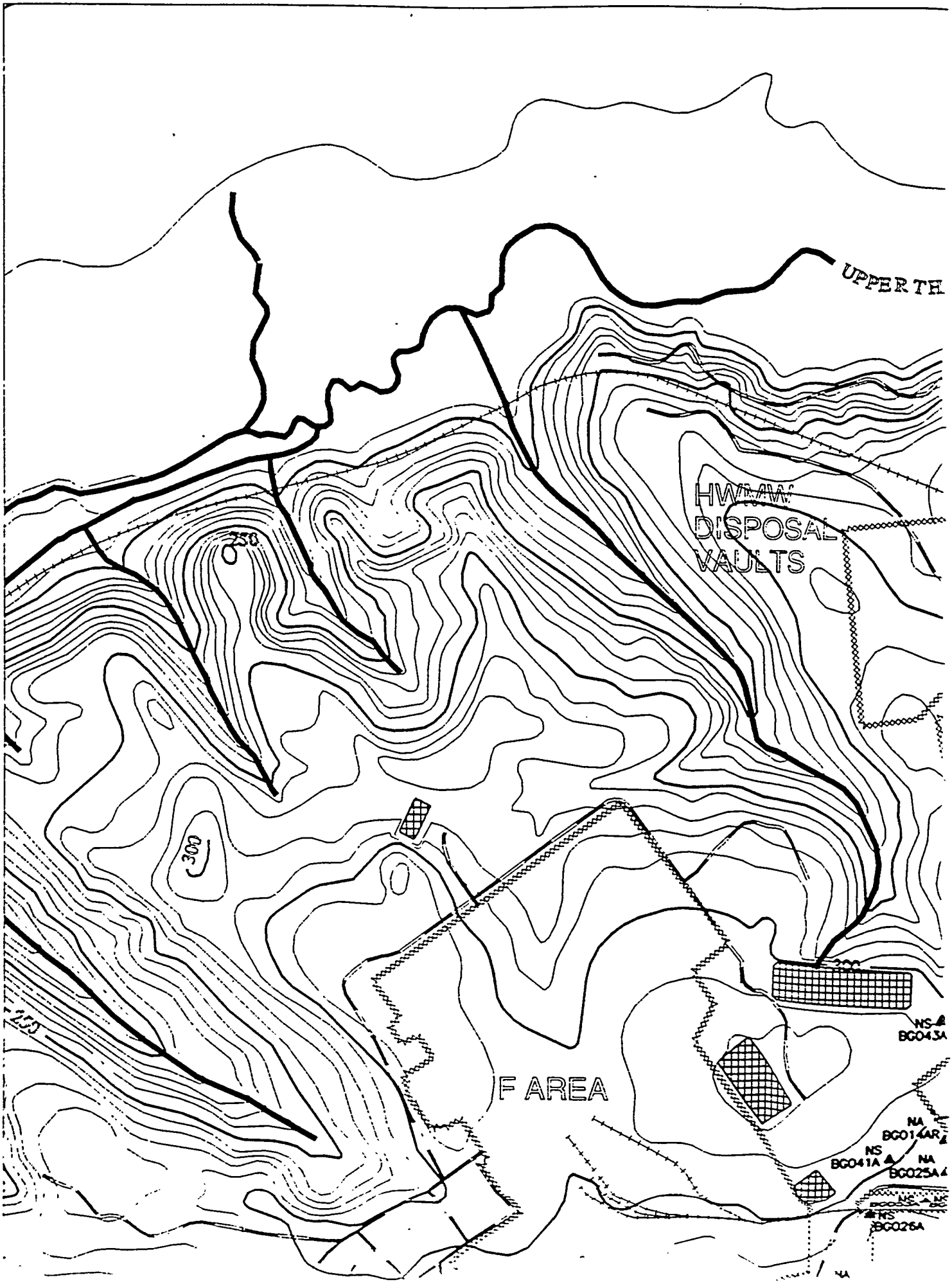
"*" = Wells Not Used to Contour

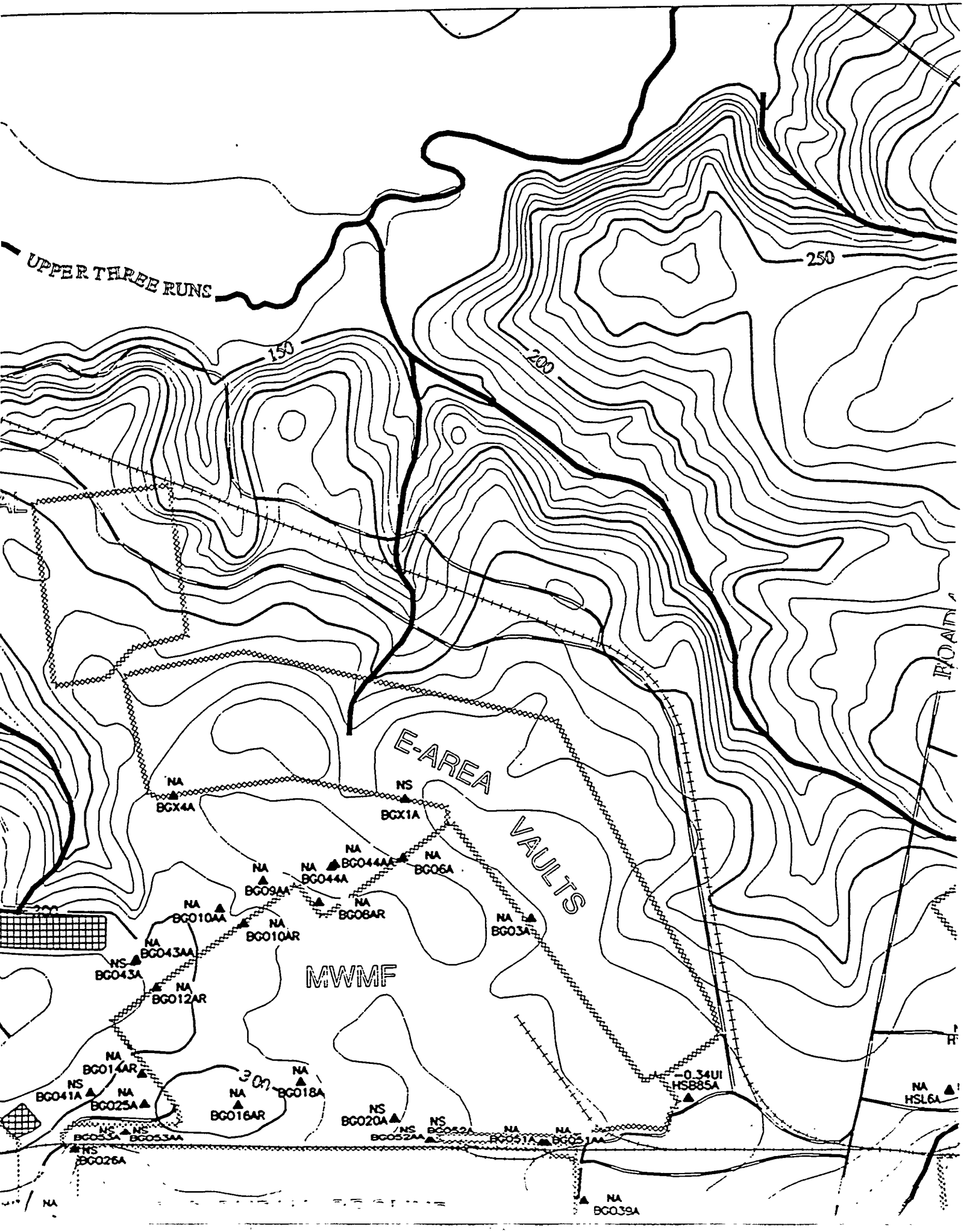
"NA" = Not Analyzed

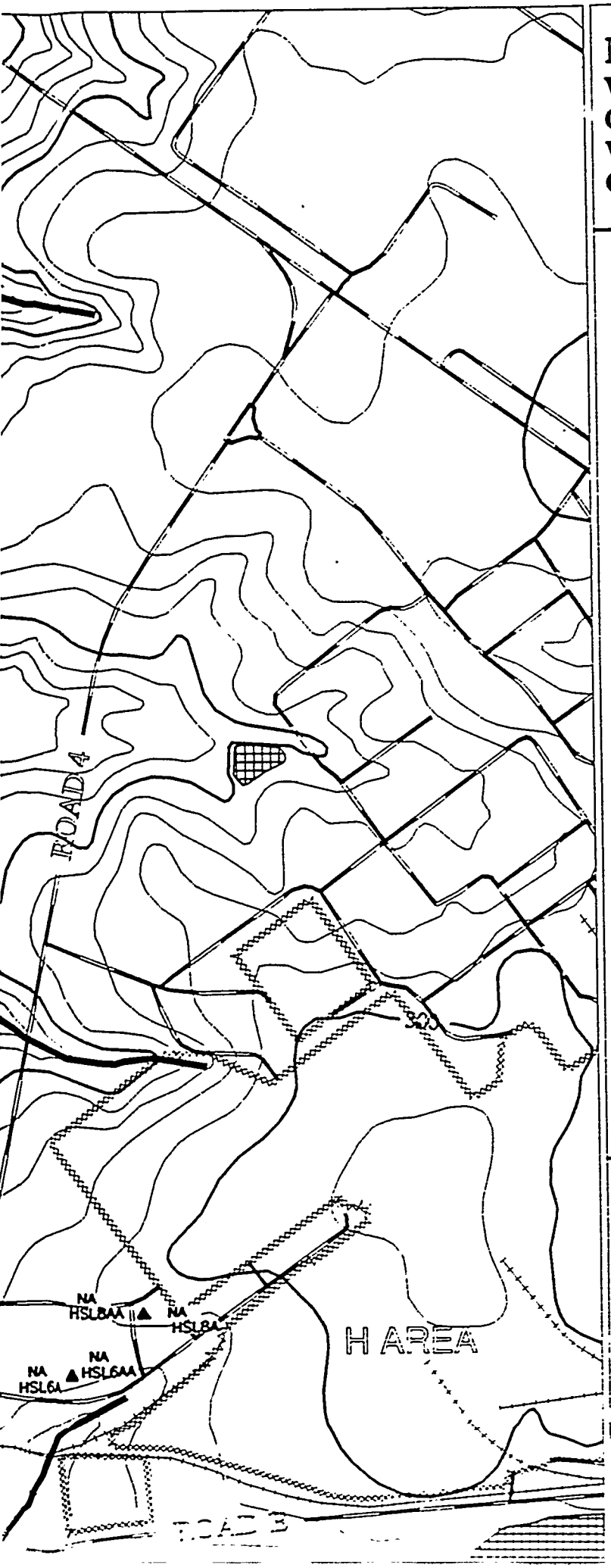
"UI" = Analyte Not Detected,
Value Is Instrument Reading

Contour Intervals at: 20, 100, 200 pCi/L

EPD GIS Lab (803)725-1417


UPPER TH
HWMA
DISPOSAL
VAULTS
250
300
F AREA
NS
BG043A
NA
BG014AR
NS
BG041A
NA
BG025A
NS
BG026A

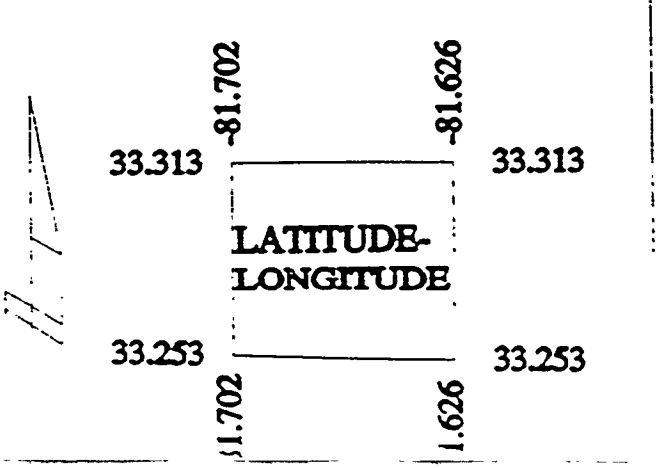

UPPER THREE RUNS
250
200
150
E-AREA VAULTS
MWMF
ROAD
NA BGX4A
NS BGX1A
NA BG044AA
NA BG044A
NA BG06A
NA BG09AA
NA BG08AR
NA BG010AA
NA BG010AR
NA BG03A
NA BG043AA
NS BG043A
NA BG012AR
NA BG014AR
NS BG041A
NA BG025A
NA BG016AR
NA BG018A
NS BG020A
NS BG052A
NA BG051A
NA BG051AA
NS BG053A
NS BG053AA
NS BG026A
-0.34UI HSB85A
NA HSL6A
NA BG039A

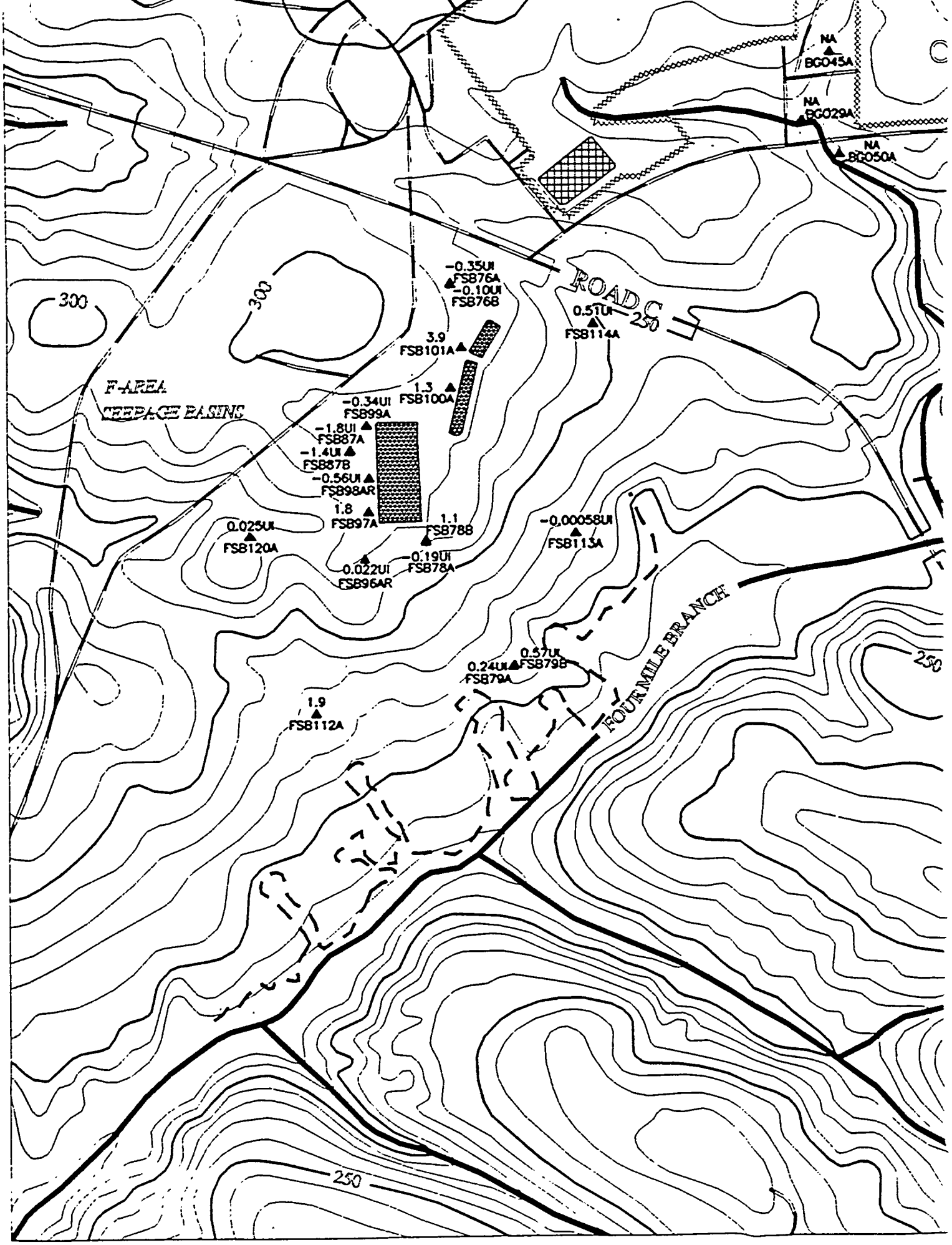


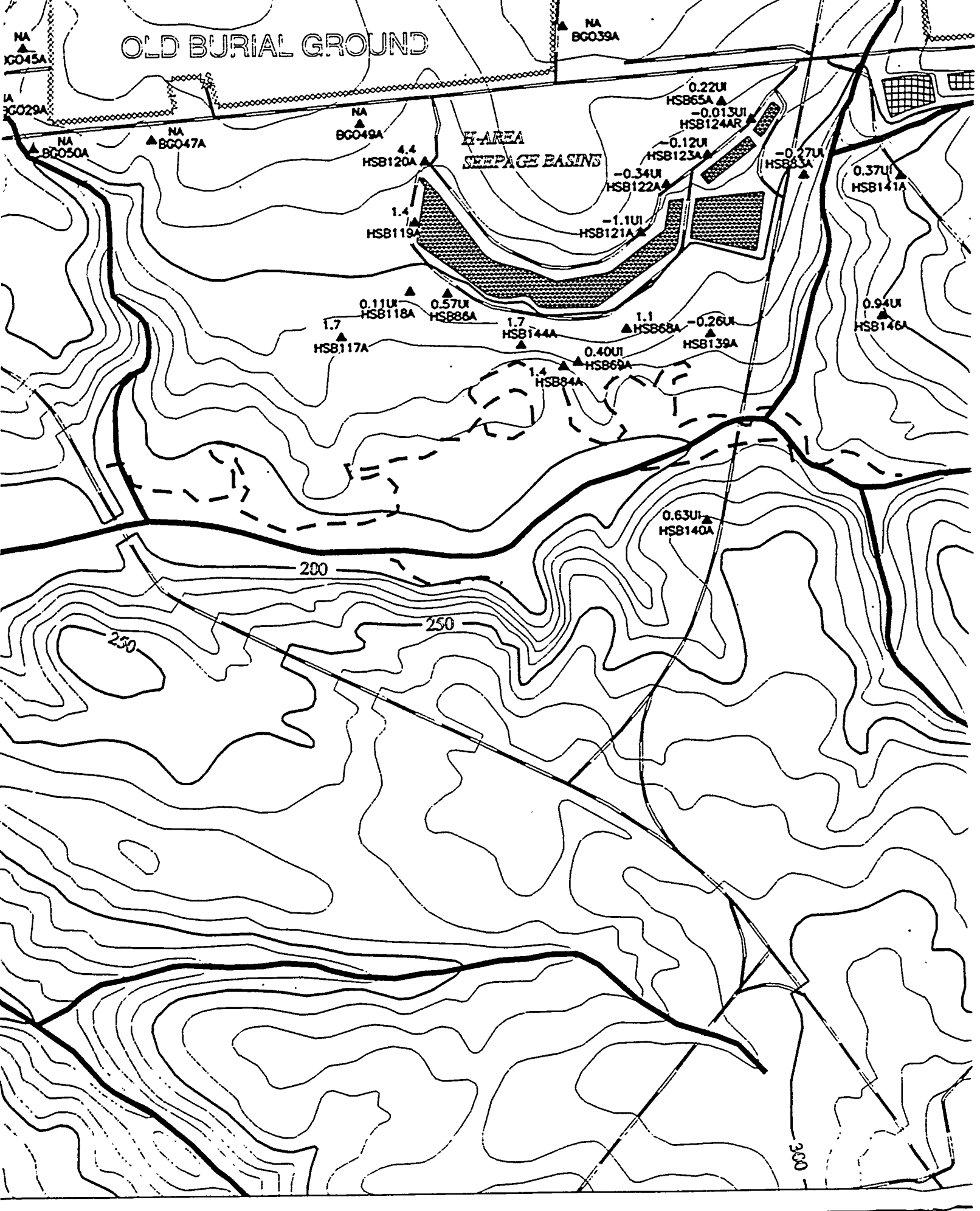
REFERENCE DOCUMENT

WSRC-TR-95-0146-2 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-2 H-Area Seepage Basins Groundwater Monitoring Report

- 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




NA
BG045A
NA
BG029A
NA
BG050A
ROAD C
300
300
250
250
F-AREA
SEEPAGE BASINS
FOUR MILE BRANCH
-0.35UI
FSB76A
-0.10UI
FSB76B
0.51UI
FSB114A
3.9
FSB101A
1.3
FSB100A
-0.34UI
FSB99A
-1.8UI
FSB87A
-1.4UI
FSB87B
-0.56UI
FSB98AR
1.8
FSB97A
1.1
FSB78B
0.025UI
FSB120A
-0.19UI
FSB78A
0.022UI
FSB96AR
-0.00058UI
FSB113A
0.57UI
FSB79B
0.24UI
FSB79A
1.9
FSB112A


OLD BURIAL GROUND
H-AREA
SEEPAGE BASINS
NA
BG045A
NA
BG029A
NA
BG050A
NA
BG047A
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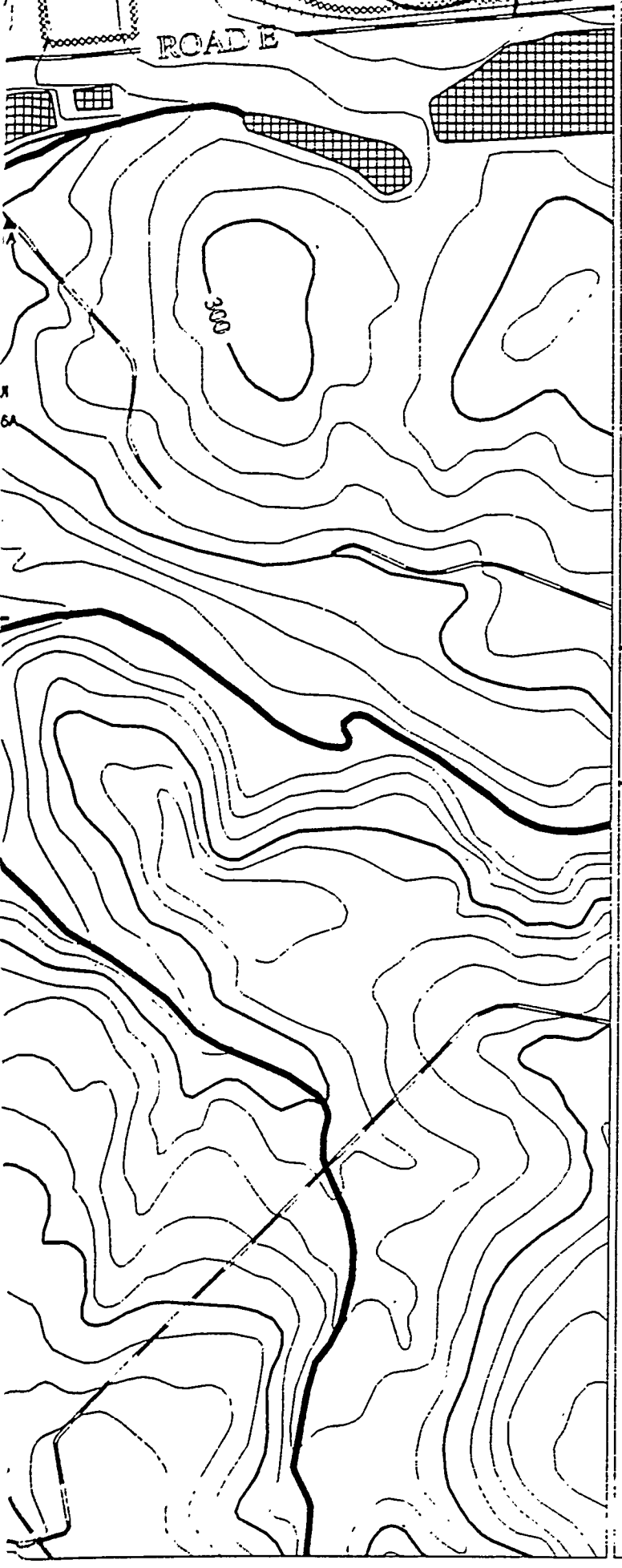
BG049A
NA
BG039A
4.4
HSB120A
1.4
HSB119A
0.11UI
HSB118A
0.57UI
HSB86A
1.7
HSB117A
1.7
HSB144A
1.4
HSB84A
0.40UI
HSB69A
1.1
HSB68A
-0.26UI
HSB139A
0.22UI
HSB65A
-0.013UI
HSB124AR
-0.12UI
HSB123A
-0.34UI
HSB122A
-1.1UI
HSB121A
-0.27UI
HSB83A
0.37UI
HSB141A
0.94UI
HSB146A
0.63UI
HSB140A
200
250
250
300



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-81.626

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Scale 1:900 FT
1:274 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 1st QUARTER '95

AQUIFER:

CONGAREE

CONSTITUENT:

RADIUM 228

GWPS = 20 pCi/L

"NS" = Not Sampled

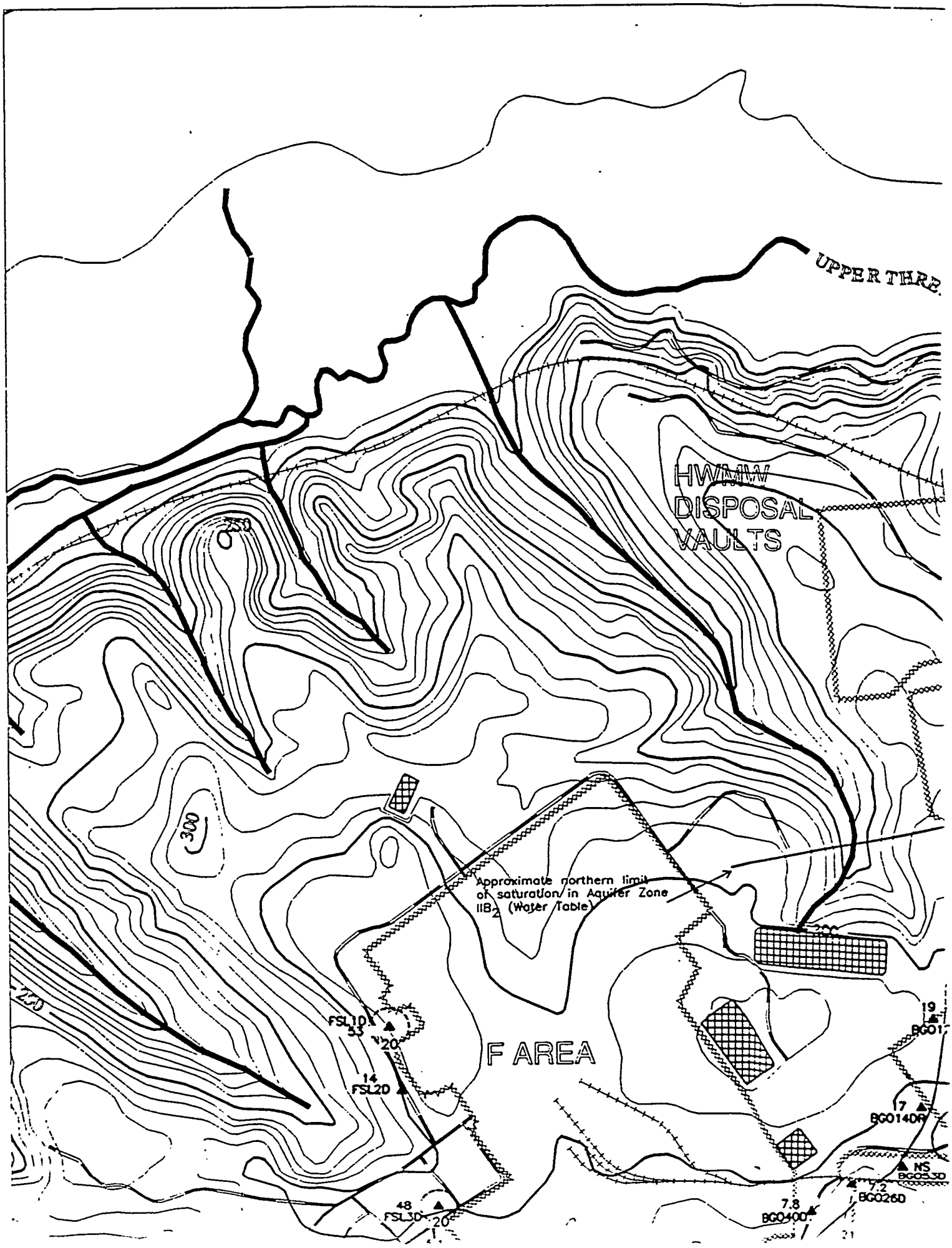
"*" = Wells Not Used to Contour

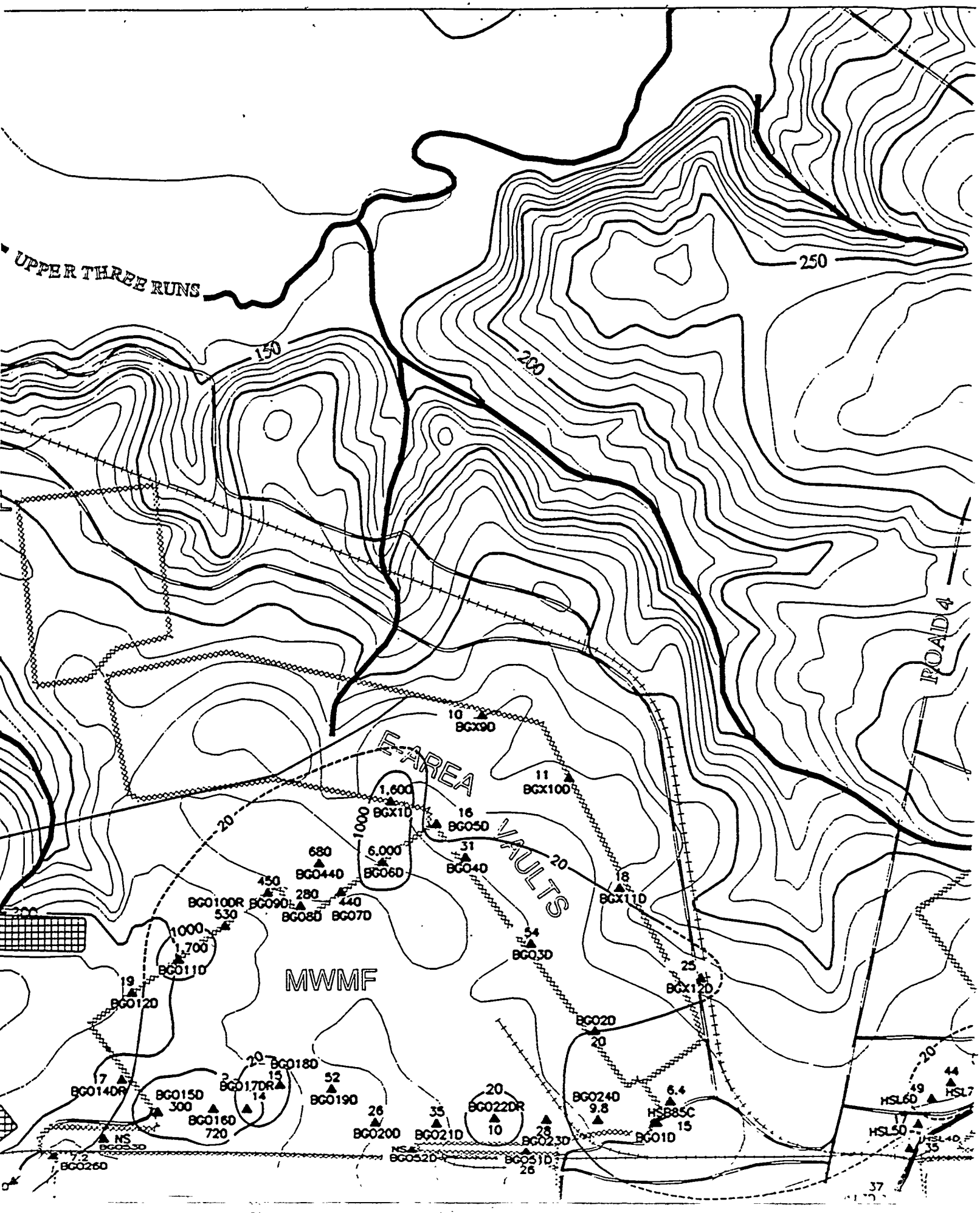
"NA" = Not Analyzed

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

Contour Intervals at: 20, 100, 200 pCi/L

EPD GIS Lab (803)725-1417


UPPER THRE
HWMW
DISPOSAL
VAULTS
350
300
250
Approximate northern limit of saturation in Aquifer Zone IIB2 (Water Table)
F AREA
FSL10D
53
20
14
FSL2D
48
FSL3D
20
19
BG01
17
BG0140D
NS
BG053D
7.2
BG026D
7.8
BG040D


UPPER THREE RUNS
150
200
250
ROAD 4
E-AREA VAULTS
MWMF
10
BGX9D
11
BGX10D
1,600
BGX1D
16
BG05D
1000
6,000
BG06D
31
BG04D
680
BG044D
450
BG09D
280
BG08D
440
BG07D
BG010DR
530
1000
1,700
BG011D
19
BG012D
18
BGX11D
54
BG03D
25
BGX12D
BG02D
20
17
BG014DR
BG015D
300
BG016D
720
BG017DR
14
15
BG018D
52
BG019D
26
BG020D
35
BG021D
BG022DR
10
28
BG023D
BG051D
26
BG024D
9.8
6.4
HSB85C
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BG01D
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HSL7
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HSL6D
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HSL5D
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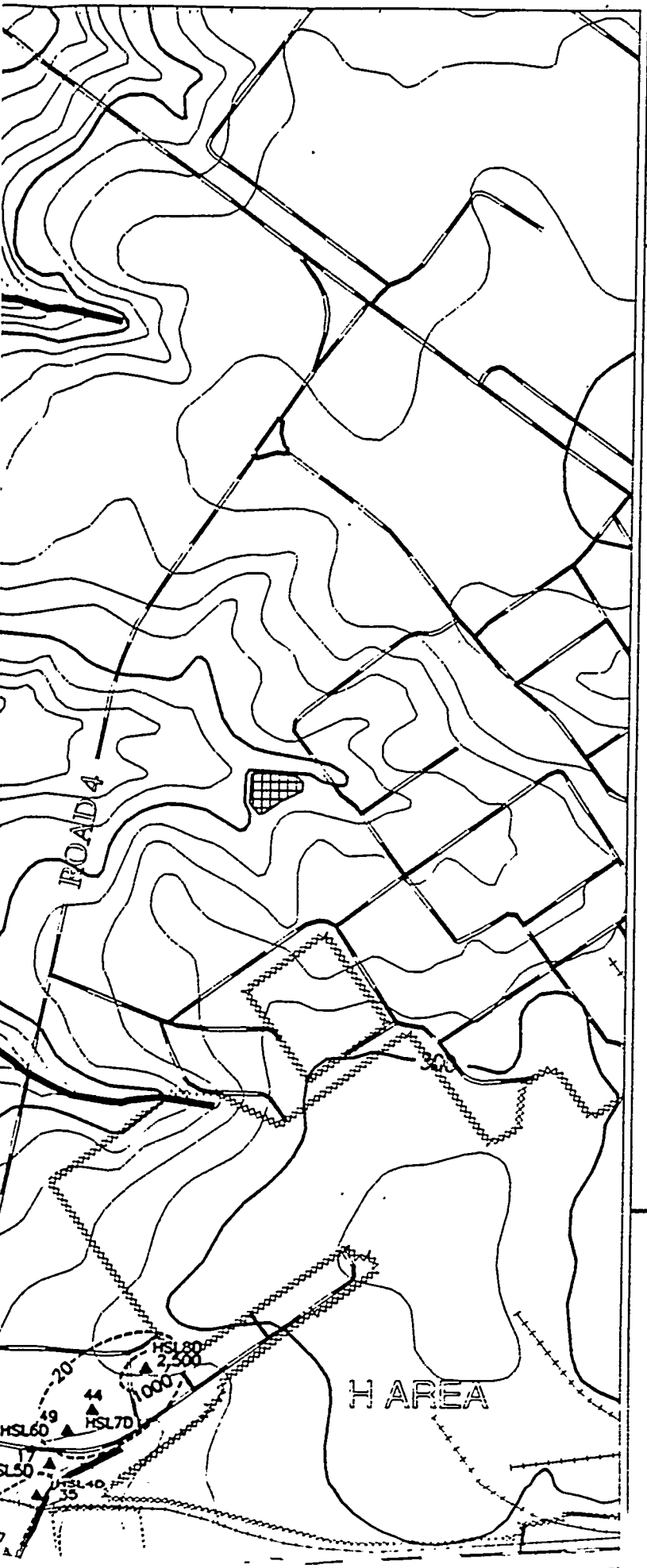
NS
BG053D
7.2
BG026D
NS
BG052D



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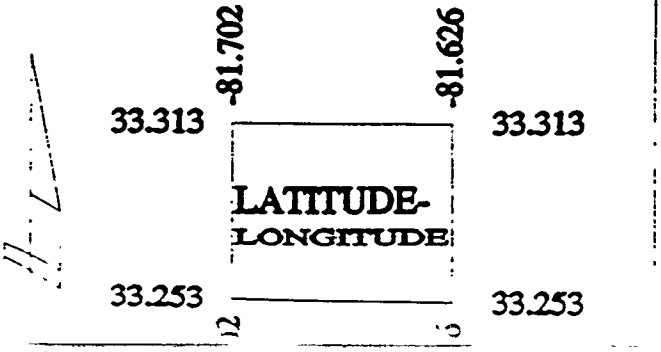

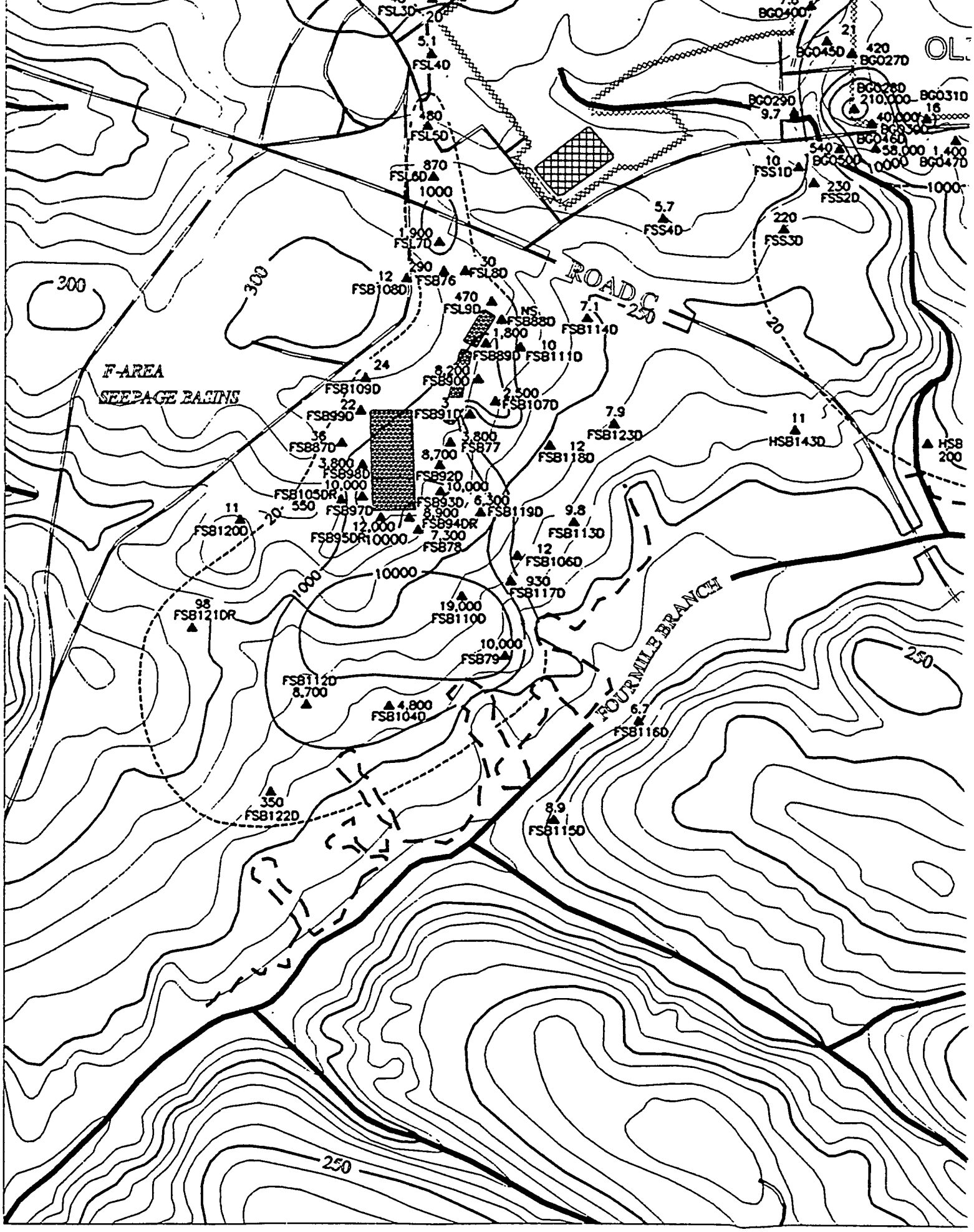
F-AREA
SEEPAGE BASINS
ROAD C
FOUR MILE BRANCH
FSL30
FSL40
FSL50
FSL60
FSL70
FSL80
FSL90
FSB76
FSB1080
FSB880
FSB1140
FSB890
FSB1110
FSB1090
FSB900
FSB1070
FSB910
FSB1230
FSB77
FSB1180
FSB1430
FSB920
FSB1050R
FSB930
FSB1190
FSB1130
FSB940R
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FSB78
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FSB1210R
FSB1100
FSB79
FSB1120
FSB1040
FSB1160
FSB1220
FSB1150
FSB1200
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FSB1070D
FSB1230D
FSB1430D
FSB1180D
FSB920D
FSB930D
FSB1190D
FSB1130D
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FSB940DR
FSB950DR
FSB1210DR
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FSB880D
FSB890D
FSB900D
FSB910D
FSB990D
FSB1080D
FSL10D
FSL20D
FSL30D
FSL40D
FSL50D
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FSL80D
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FSS10
FSS20
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OLD BURIAL GROUND
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SEEPAGE BASINS
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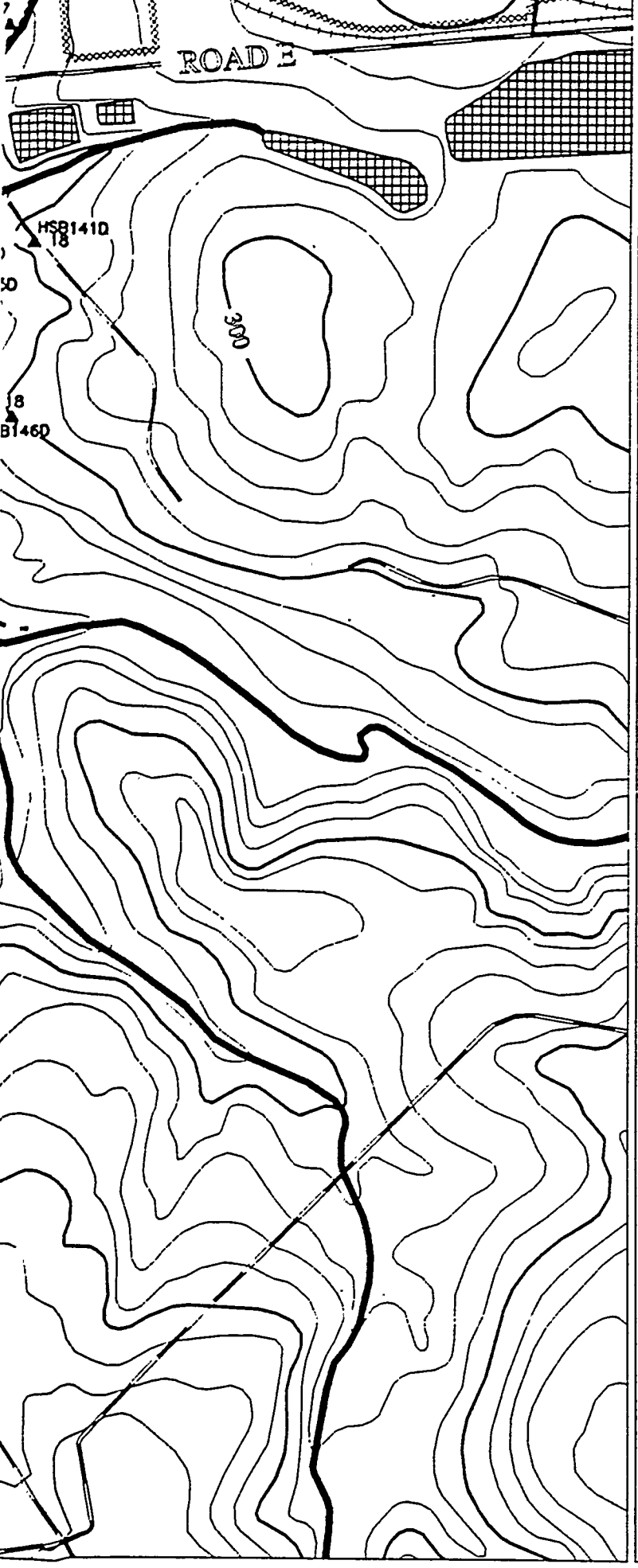
HSB1560
HSB1570
HSB1580
HSB1590
HSB1600
HSB1610
HSB1620
HSB1630
HSB1640
HSB1650
HSB1660
HSB1670
HSB1680
HSB1690
HSB1700
HSB1710
HSB1720
HSB1730
HSB1740
HSB1750
HSB1760
HSB1770
HSB1780
HSB1790
HSB1800
HSB1810
HSB1820
HSB1830
HSB1840
HSB1850
HSB1860
HSB1870
HSB1880
HSB1890



33.253 33.253

-81.702 -81.626

0 900 1800 2700

Scale 1:900 FT
1:274 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 1st QUARTER '95

AQUIFER:

WATER TABLE

CONSTITUENT:

TRITIUM

GWPS = 20 pCi/mL

"NS" = Not Sampled

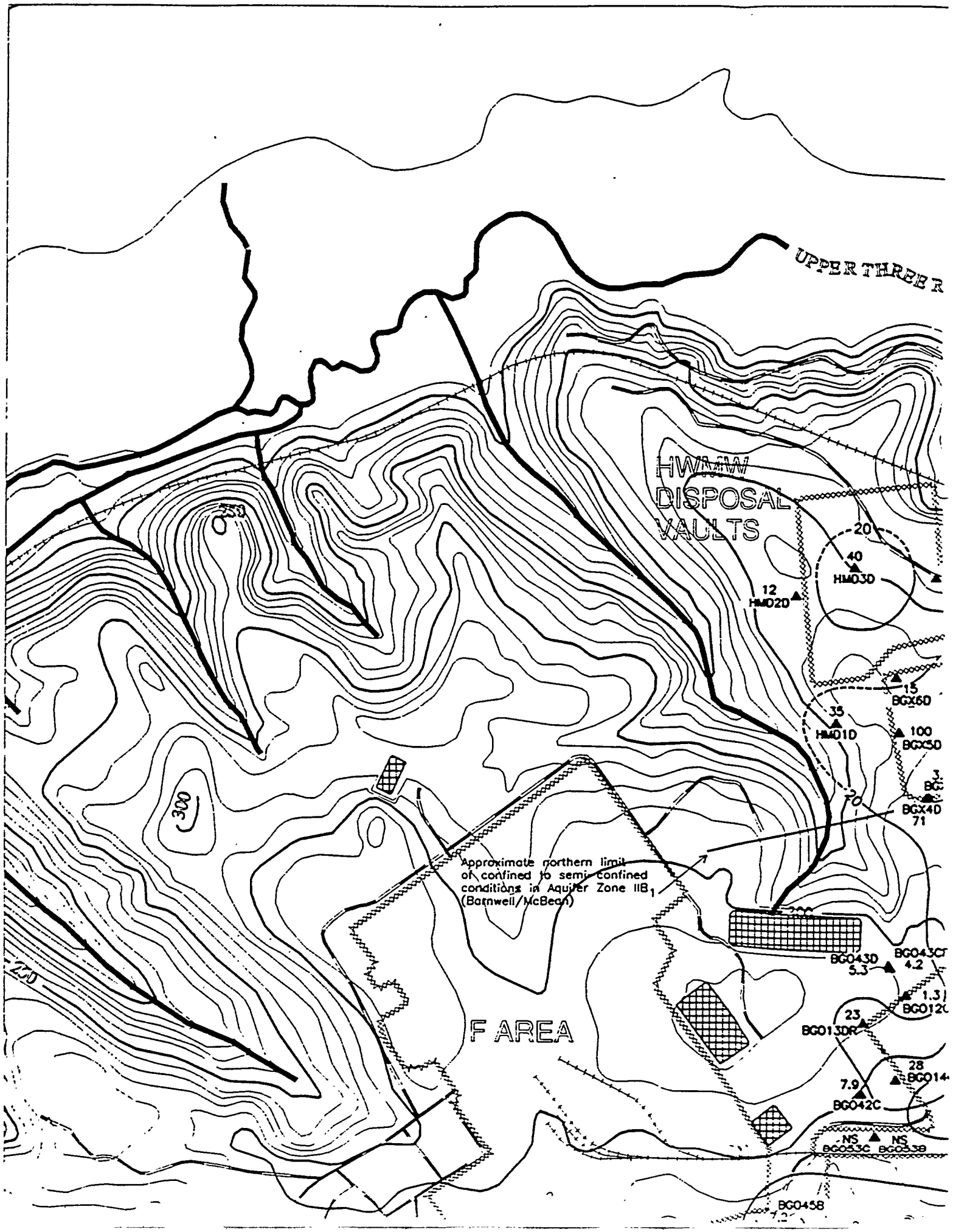
"*" = Wells Not Used to Contour

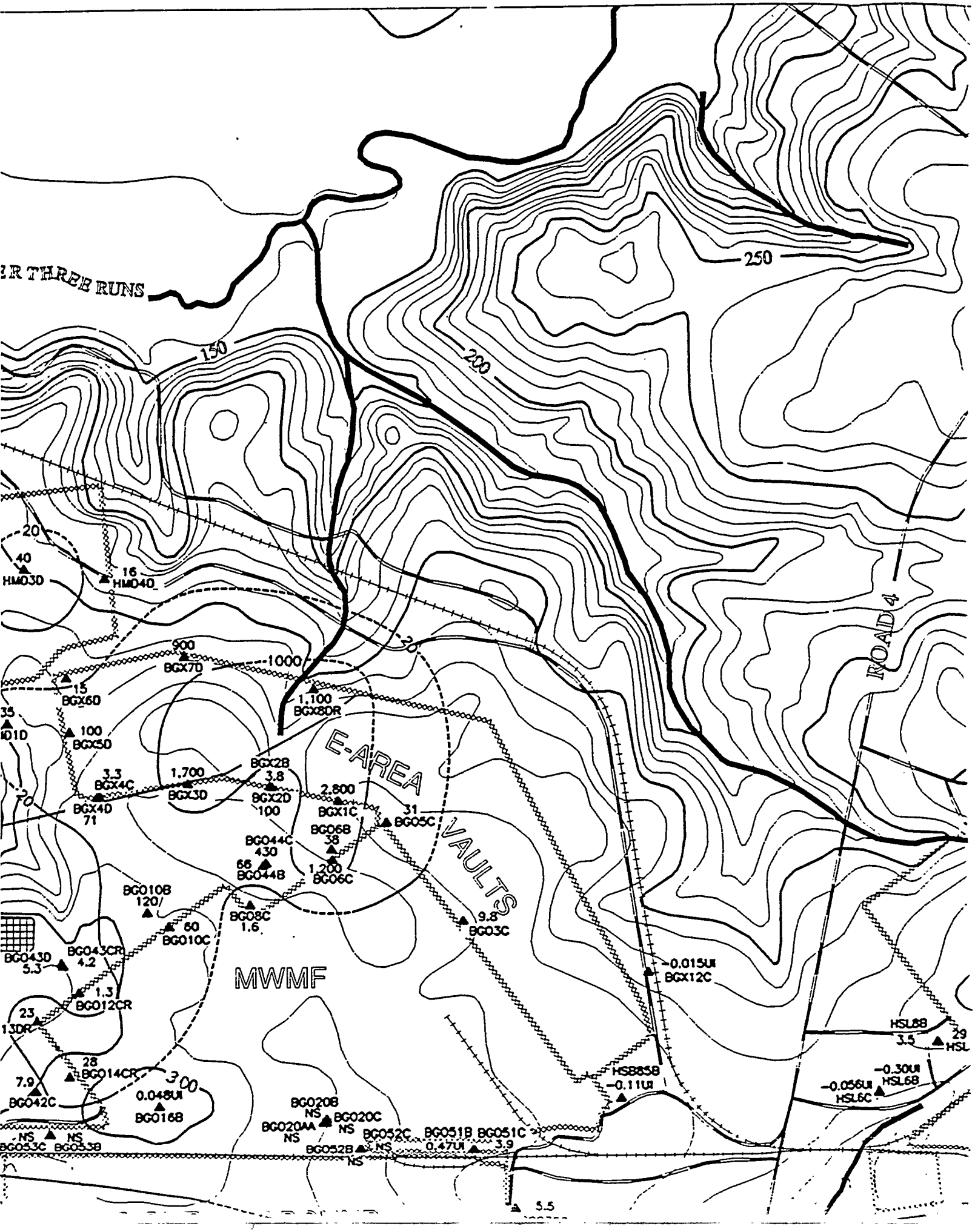
"NA" = Not Analyzed

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

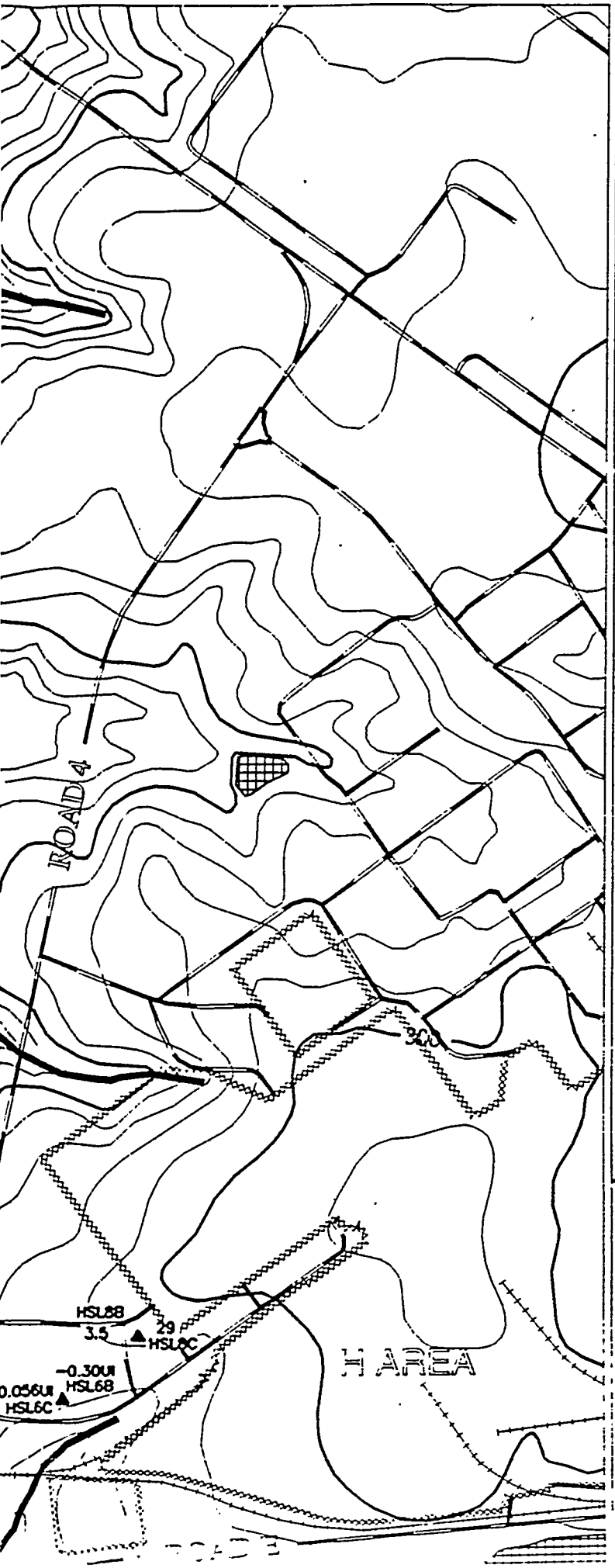
Contour Intervals at: 20, 1000, 10000, 100000 pCi/mL

EPD GIS Lab (803)725-1417


UPPER THREE R
HWMW
DISPOSAL
VAULTS
350
300
250
20
40
HM03D
12
HM02D
15
BGX6D
35
HM01D
100
BGX5D
BGX4D
71
Approximate northern limit of confined to semi-confined conditions in Aquifer Zone IIB1 (Barnwell/McBean)
BG043D
5.3
BG043C
4.2
1.3
BG012C
23
BG013DR
28
BG014
7.9
BG042C
NS
BG053C
NS
BG053B
F AREA
BG045B



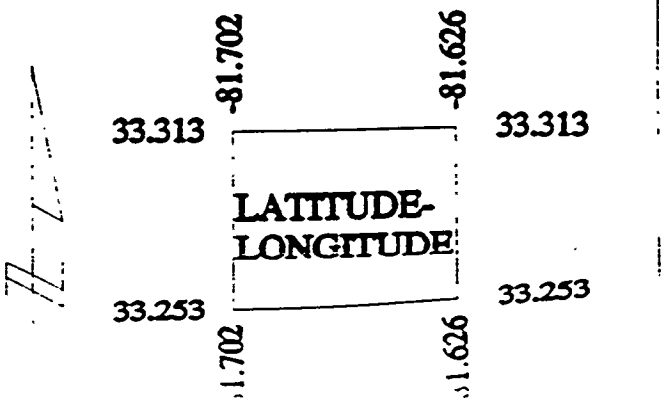
ER THREE RUNS
150
200
250
20
40
HM03D
16
HM04D
900
BGX7D
1000
15
BGX6D
1,100
BGX8DR
35
100
BGX5D
E-AREA
VAULTS
BGX2B
3.8
3.3
BGX4C
1,700
BGX3D
BGX2D
100
2,800
BGX1C
31
BG05C
BGX4D
71
BG06B
38
BG044C
430
66
BG044B
1,200
BG06C
BG010B
120
BG08C
1.6
60
BG010C
9.8
BG03C
BG043D
5.3
BG043CR
4.2
MWMF
-0.015UI
BGX12C
1.3
BG012CR
23
13DR
HSL8B
3.5
29
HSL
28
BG014CR
300
7.9
BG042C
0.048UI
BG016B
HSB85B
-0.11UI
-0.30UI
HSL6B
-0.056UI
HSL6C
BG020B
NS
BG020C
NS
BG020AA
NS
BG052C
NS
BG051B
0.47UI
BG051C
3.9
BG052B
NS
NS
BG053C
NS
BG053B
5.5
ROAD 4

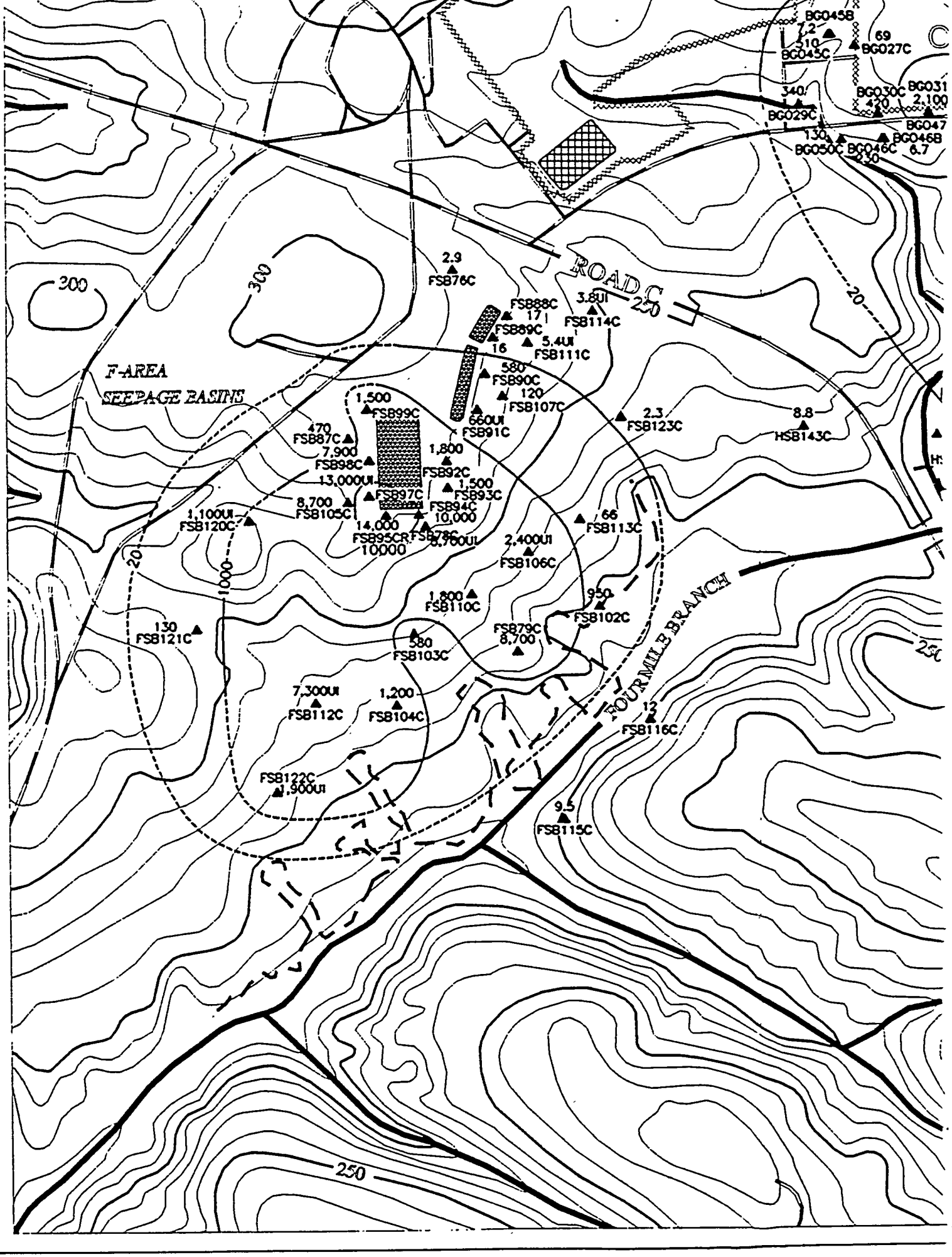


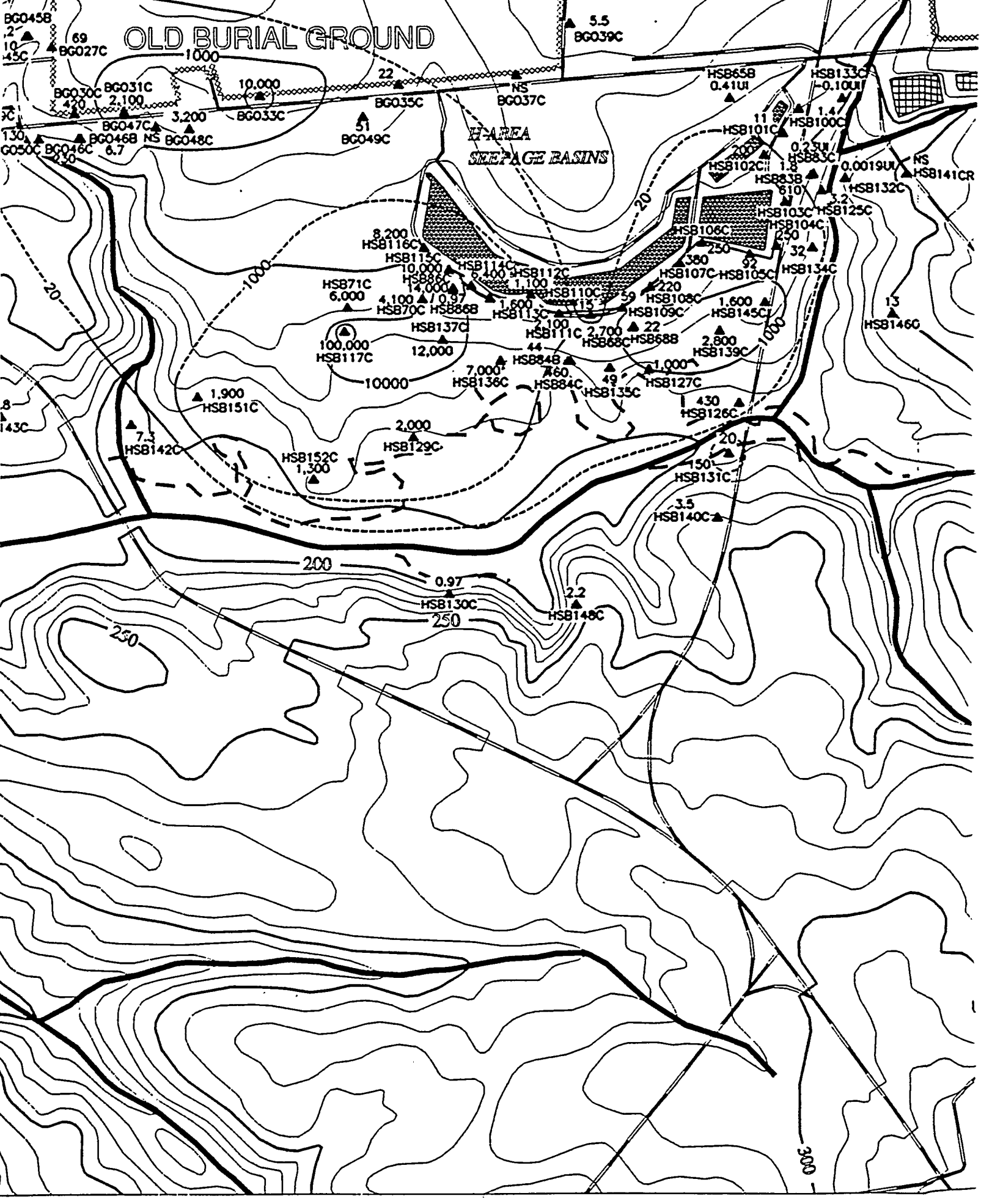
REFERENCE DOCUMENT

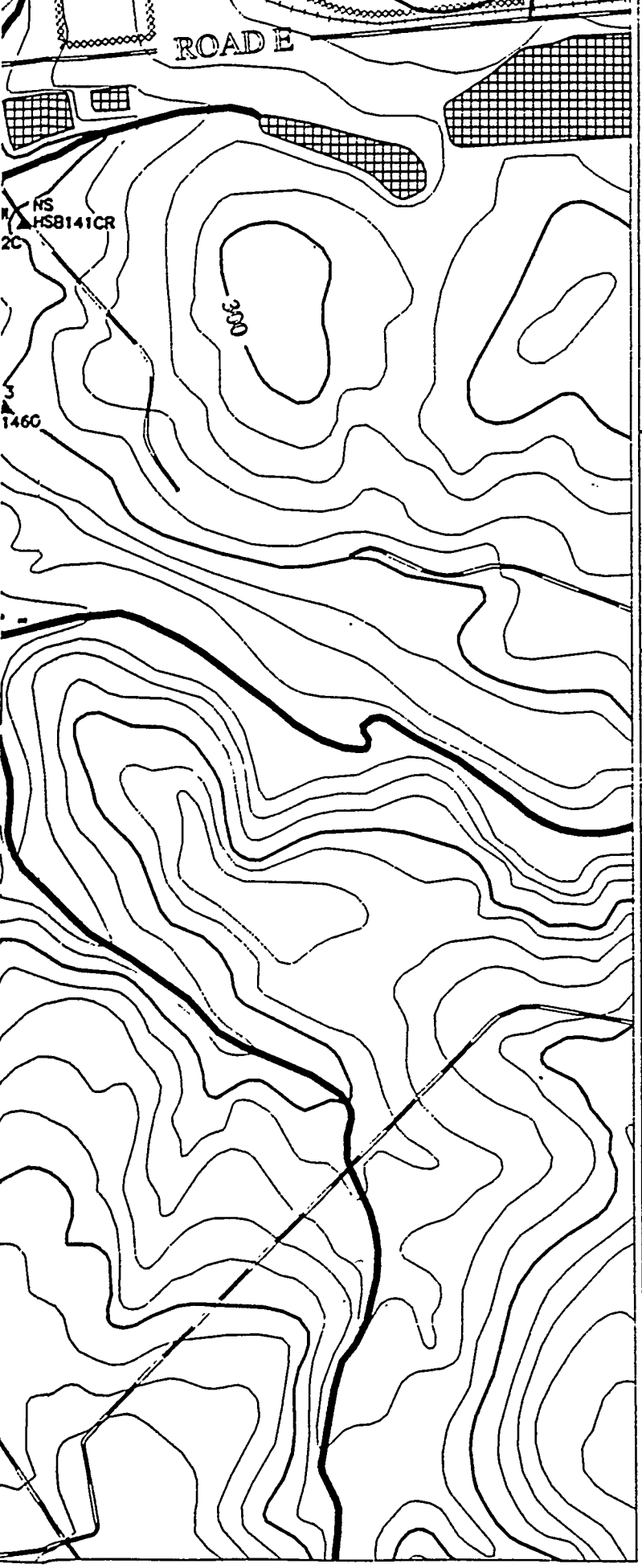
WSRC-TR-95-0146-2 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-2 H-Area Seepage Basins Groundwater Monitoring Report

- 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




F-AREA
SEEPAGE BASINS
ROAD C
FOUR MILE BRANCH
200
300
250
20
1000
2.9
FSB76C
FSB88C
17
FSB89C
16
3.8UI
FSB114C
5.4UI
FSB111C
580
FSB90C
120
FSB107C
660UI
FSB91C
2.3
FSB123C
8.8
HSB143C
1,500
FSB99C
470
FSB87C
7,900
FSB98C
1,800
FSB92C
13,000UI
FSB97C
1,500
FSB93C
8,700
FSB105C
FSB94C
10,000
1,100UI
FSB120C
14,000
FSB95CR
10000
FSB78C
6,700UI
66
FSB113C
2,400UI
FSB106C
1,800
FSB110C
950
FSB102C
130
FSB121C
580
FSB103C
FSB79C
8,700
7,300UI
FSB112C
1,200
FSB104C
12
FSB116C
FSB122C
1,900UI
9.5
FSB115C
BG045B
7.2
310
BG045C
69
BG027C
340
BG029C
BG030C
420
BG031
2,100
BG047
130
BG050C
BG046C
BG046B
6.7
250


OLD BURIAL GROUND
H-AREA
SEEPAGE BASINS
1000
10000
200
250
300
20
BG045B
69
BG027C
BG030C
BG031C
2,100
420
BG047C
BG046B
6.7
BG046C
BG048C
3,200
10,000
BG033C
22
BG035C
51
BG049C
NS
BG037C
5.5
BG039C
HSB65B
0.41UI
HSB133C
0.10UI
1.4
HSB100C
11
HSB101C
0.23UI
HSB83C
HSB102C
1.8
HSB83B
610
0.0019UI
NS
HSB141CR
HSB132C
3.2
HSB125C
HSB103C
HSB104C
HSB106C
250
32
HSB134C
380
92
HSB107C
HSB105C
220
HSB108C
HSB109C
1,600
HSB145C
13
HSB146C
8,200
HSB116C
HSB115C
10,000
HSB86C
14,000
HSB114C
6,400
HSB112C
1,100
HSB110C
59
15
HSB71C
6,000
4,100
HSB70C
0.97
HSB86B
1,600
HSB113C
2,100
HSB111C
2,700
HSB68C
22
HSB68B
2,800
HSB139C
HSB137C
12,000
100,000
HSB117C
44
HSB84B
7,000
HSB136C
460
HSB84C
49
HSB135C
1,000
HSB127C
430
HSB126C
1,900
HSB151C
7.3
HSB142C
2,000
HSB129C
HSB152C
1,300
20
150
HSB131C
3.5
HSB140C
0.97
HSB130C
2.2
HSB148C



-81.702

-81.626

0 900 1800 2700

Scale 1:900 FT
1:274 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 1st QUARTER '95

AQUIFER:

BARNWELL/McBEAN

CONSTITUENT:

TRITIUM

GWPS = 20 pCi/mL

"NS" = Not Sampled

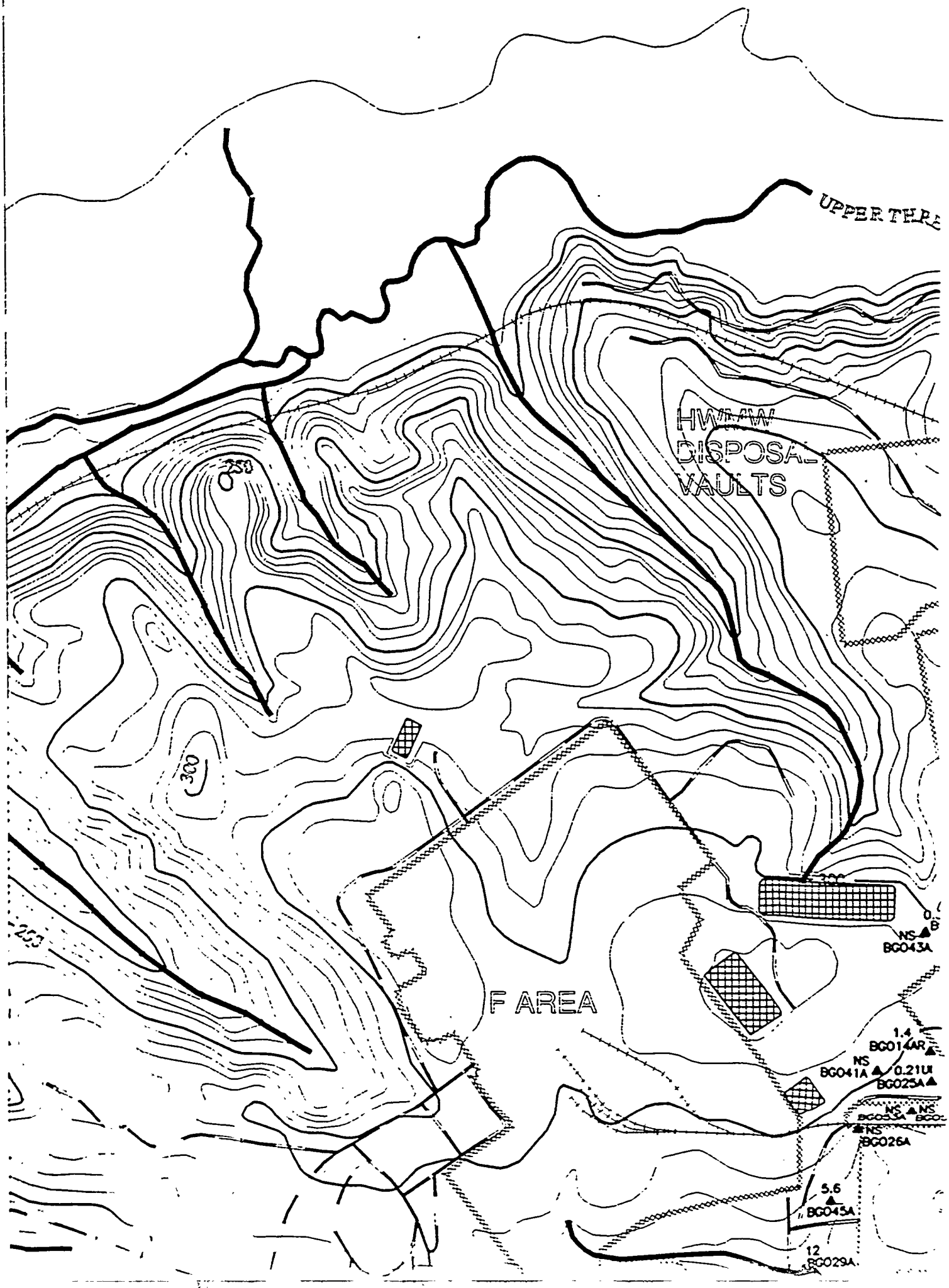
"*" = Wells Not Used to Contour

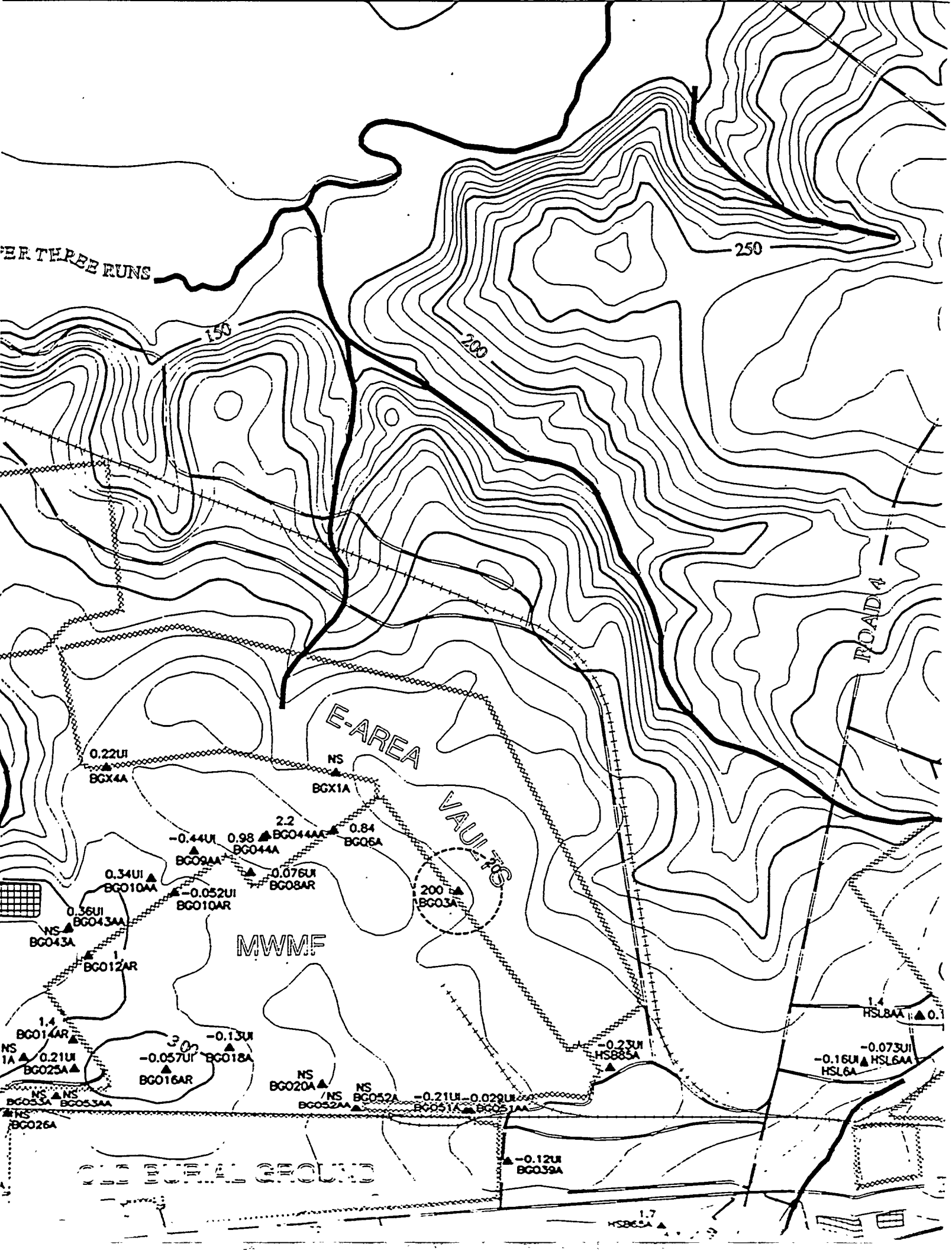
"NA" = Not Analyzed

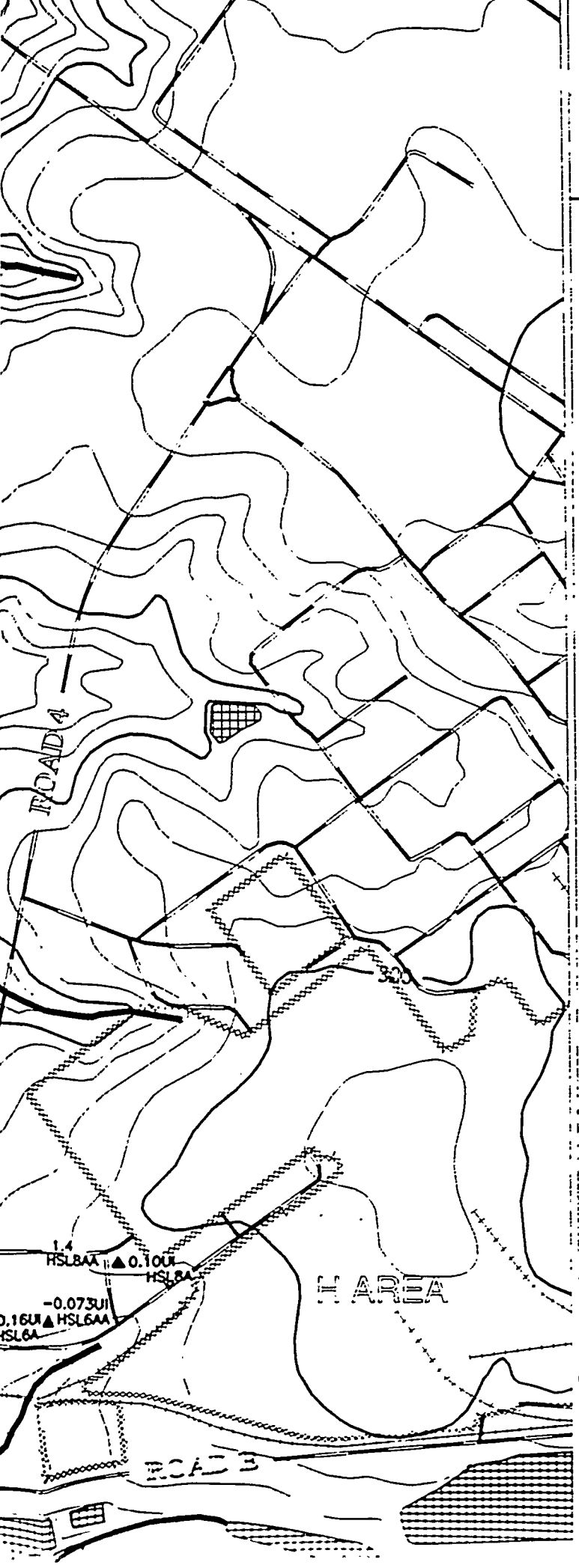
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 20, 1000, 10000, 100000 pCi/mL

EPD GIS Lab (803)725-1417


UPPER THR
HWMW
DISPOSAL
VAULTS
350
300
250
F AREA
NS
BG043A
1.4
BG014AR
NS
BG041A
0.21UI
BG025A
NS
NS
NS
BG026A
5.6
BG045A
12
BG029A


ER THREE RUNS
250
200
150
ROAD 4
E-AREA
VAULTS
MWMF
0.22UI
BGX4A
NS
BGX1A
2.2
BG044AA
0.84
BG06A
-0.44UI
BG09AA
0.98
BG044A
0.34UI
BG010AA
-0.076UI
BG08AR
-0.052UI
BG010AR
200
BG03A
0.36UI
BG043AA
NS
BG043A
1
BG012AR
1.4
BG014AR
NS
1A
0.21UI
BG025A
30
-0.057UI
BG016AR
-0.13UI
BG018A
NS
BG020A
NS
BG053A
NS
BG053AA
NS
BG026A
NS
BG052AA
NS
BG052A
-0.21UI
BG051A
-0.029UI
BG051AA
-0.23UI
HSB85A
1.4
HSL8AA
-0.073UI
HSL6AA
-0.16UI
HSL6A
-0.12UI
BG039A
1.7
HSB6SA



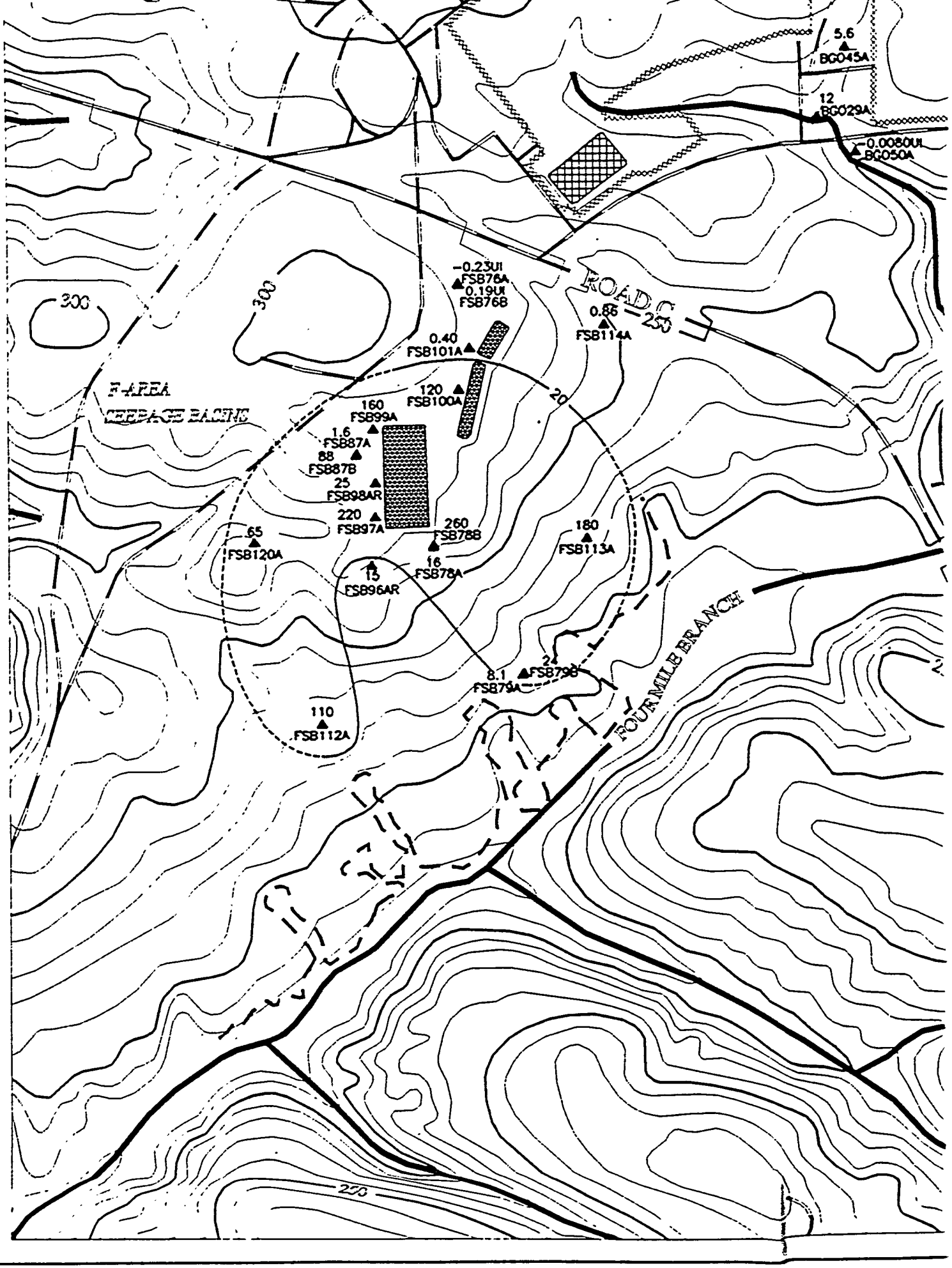
REFERENCE DOCUMENT

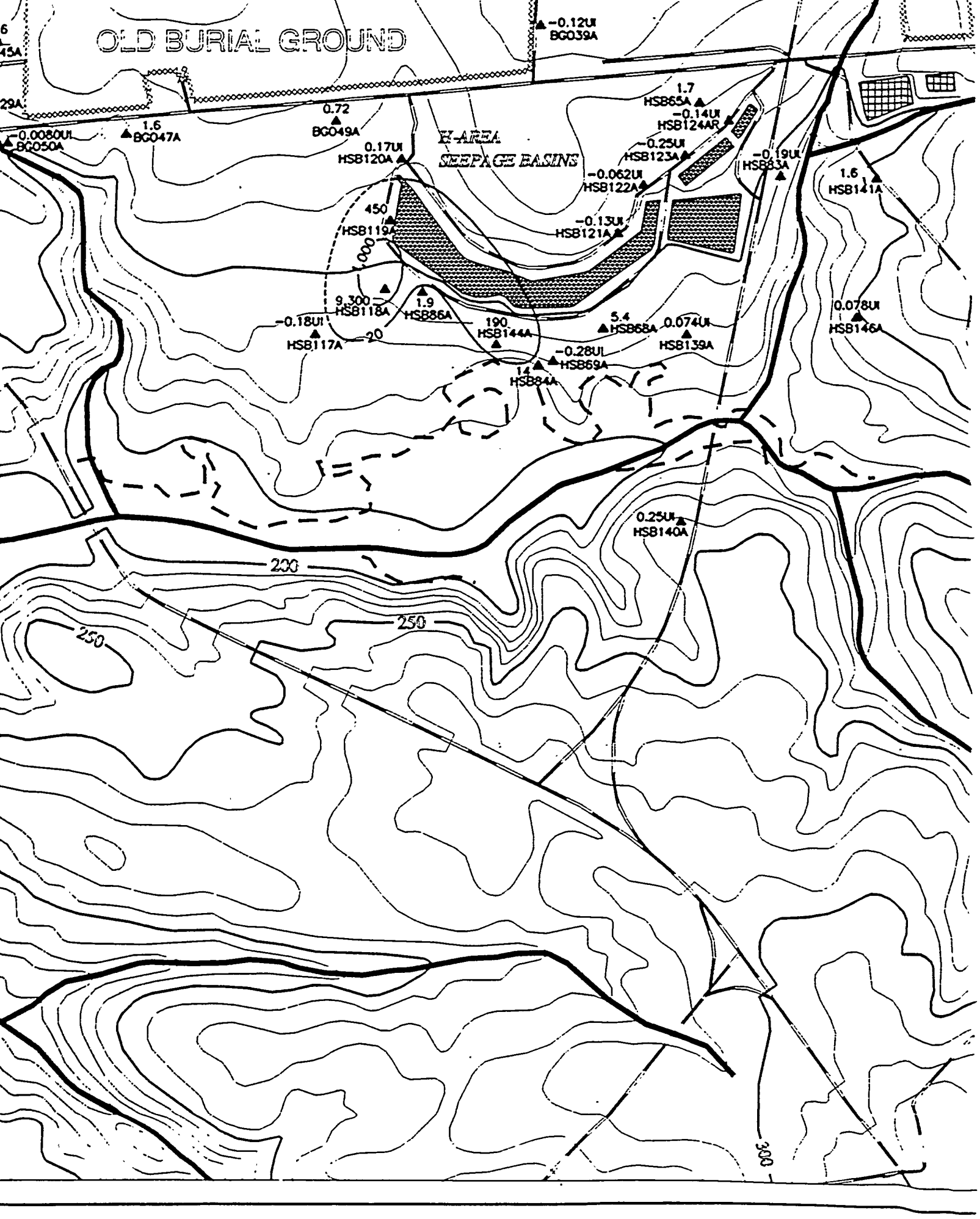
WSRC-TR-95-0146-2 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-2 H-Area Seepage Basins Groundwater Monitoring Report

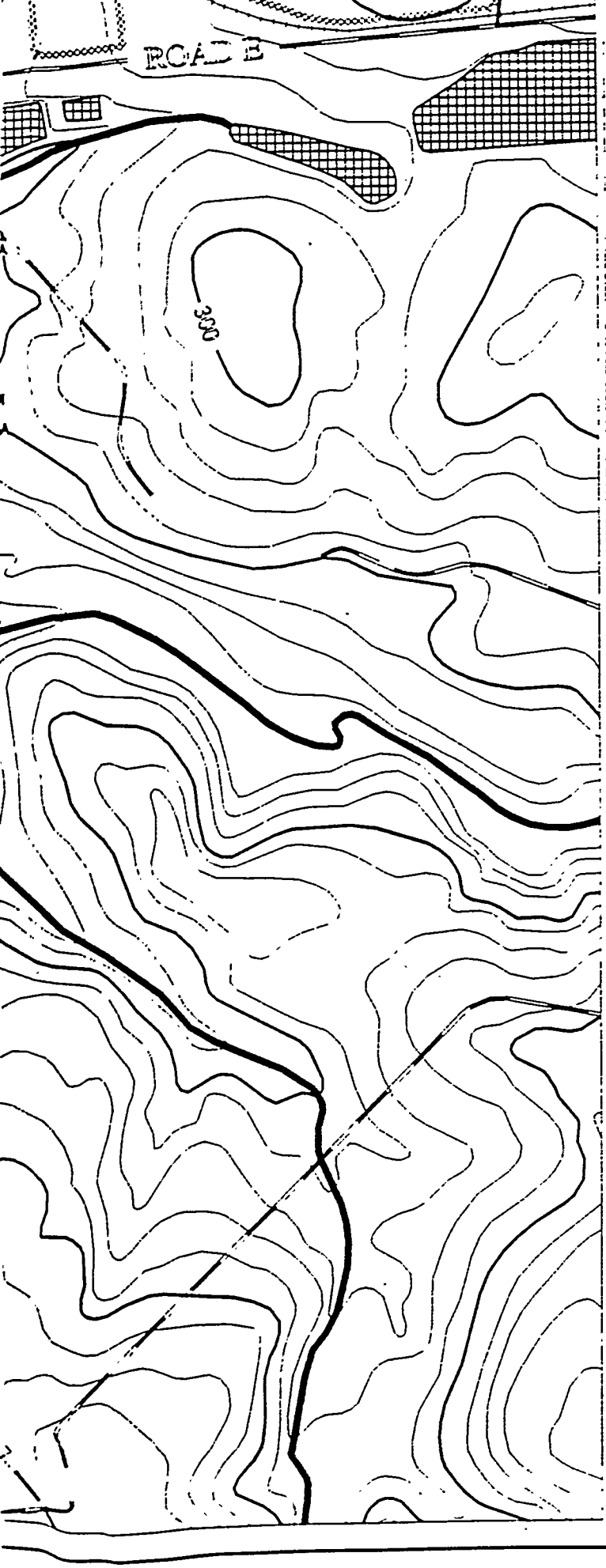
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED CONSTITUENT CONTOUR
- CONSTITUENT CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

	-81.702	-81.626
33.313		33.313
	LATITUDE-LONGITUDE	
33.253		33.253
	-81.702	-81.626

0 900 1800 2700


5.6
BG045A
12
BG029A
-0.0080UI
BG050A
-0.23UI
FSB76A
0.19UI
FSB76B
0.86
FSB114A
ROAD G
0.40
FSB101A
120
FSB100A
300
300
250
200
F-AREA
SEEPAGE BASINS
160
FSB99A
1.6
FSB87A
88
FSB87B
25
FSB98AR
220
FSB97A
260
FSB78B
65
FSB120A
16
FSB78A
15
FSB96AR
180
FSB113A
24
FSB79B
8.1
FSB79A
110
FSB112A
FOUR MILE BRANCH
250


OLD BURIAL GROUND
H-AREA
SEEPAGE BASINS
-0.12UI
BG039A
1.7
HSB65A
-0.14UI
HSB124AR
0.72
BG049A
1.6
BG047A
-0.0080UI
BG050A
0.17UI
HSB120A
-0.25UI
HSB123A
-0.062UI
HSB122A
-0.19UI
HSB83A
1.6
HSB141A
450
HSB119A
-0.13UI
HSB121A
9,300
HSB118A
1.9
HSB86A
-0.18UI
HSB117A
190
HSB144A
5.4
HSB68A
0.074UI
HSB139A
0.078UI
HSB146A
-0.28UI
HSB69A
14
HSB84A
0.25UI
HSB140A
200
250
250
300



-81.702

-81.626

0 900 1800 2700

Scale 1:900 FT
1:274 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 1st QUARTER '95

AQUIFER:

CONGAREE

CONSTITUENT:

TRITIUM

GWPS = 20 pCi/mL

"NS" = Not Sampled

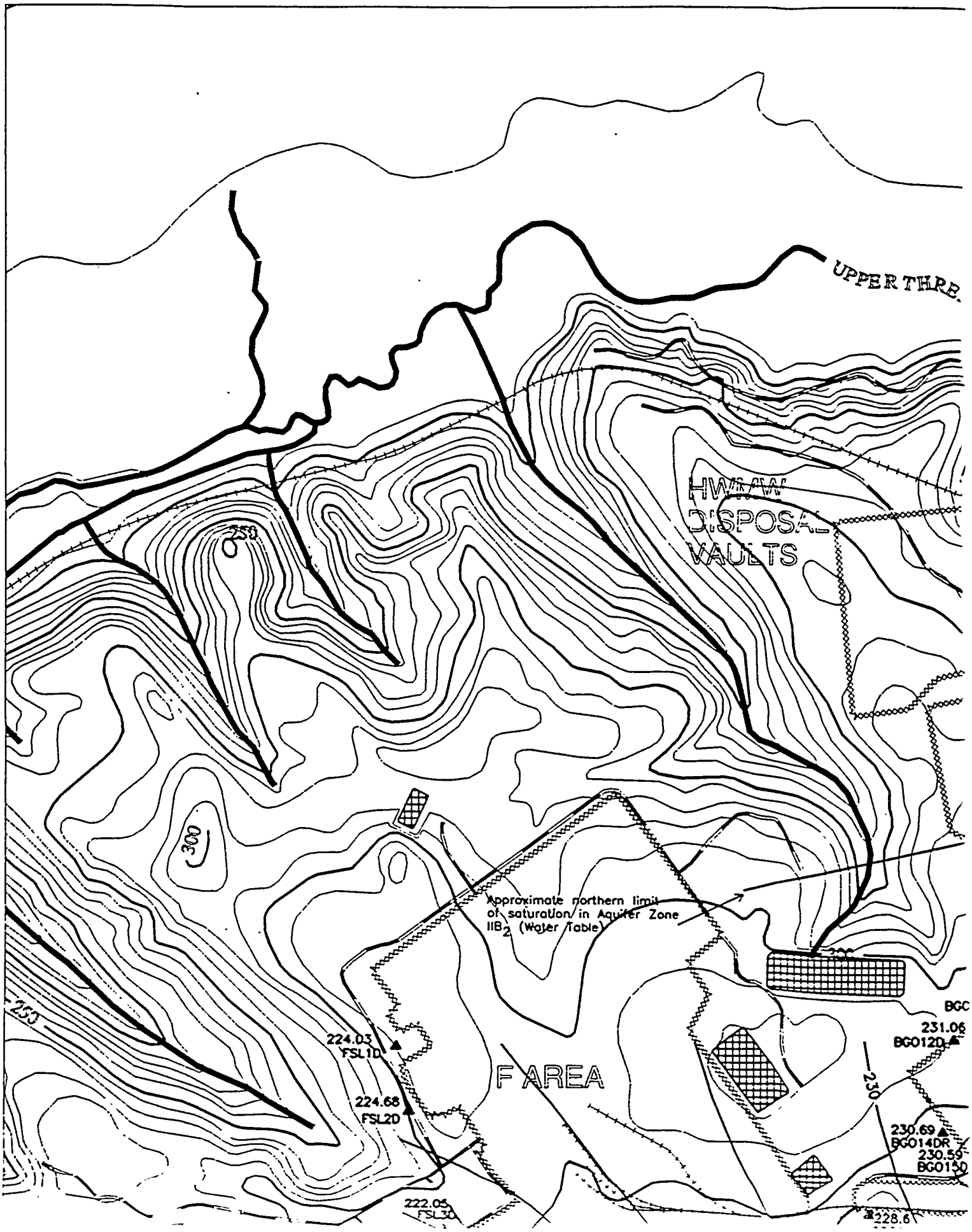
"*" = Wells Not Used to Contour

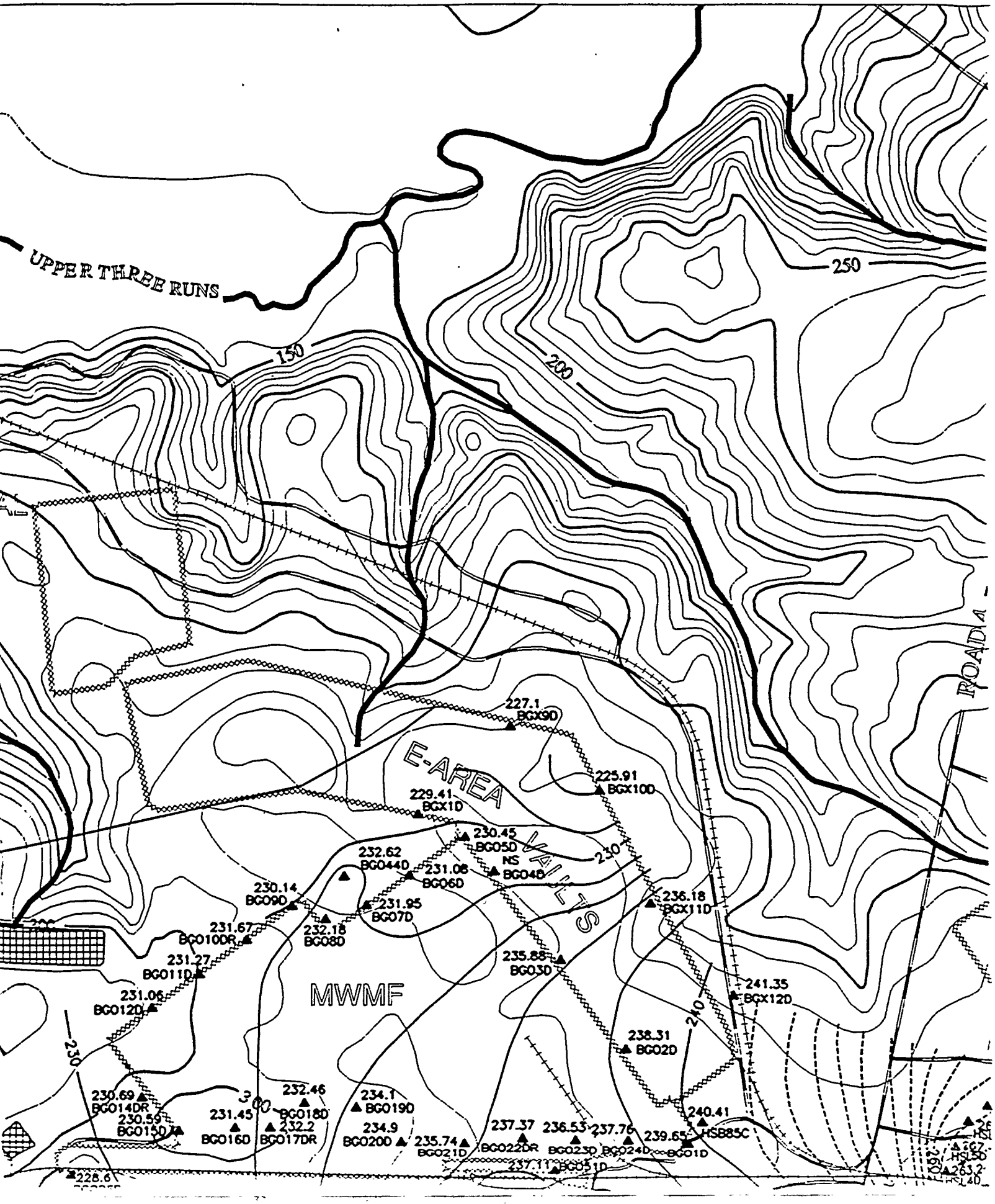
"NA" = Not Analyzed

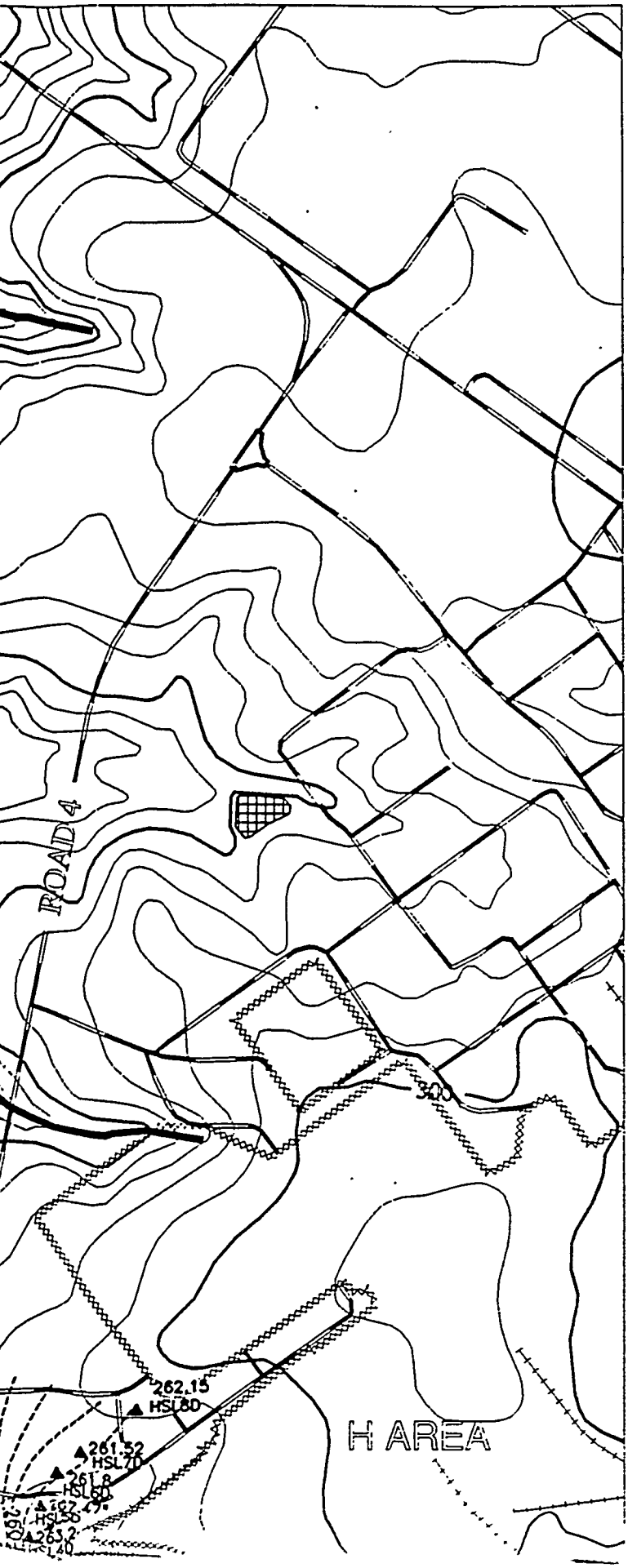
"UI" = Analyte Not Detected, Value Is Instrument Reading

Contour Intervals at: 20, 1000, 10000, 100000 pCi/mL

EPD GIS Lab (803)725-1417


UPPER THRE.
HW & AW
DISPOSAL
VAULTS
250
300
253
Approximate northern limit
of saturation in Aquifer Zone
IIB2 (Water Table)
224.03
FSL1D
224.68
FSL2D
222.05
FSL3D
F AREA
BGC
231.06
BG012D
230
230.69
BG014DR
230.59
BG015D
228.6


UPPER THREE RUNS
150
200
250
E-AREA
VAULTS
MWMF
ROAD A
227.1
BGX9D
225.91
BGX10D
229.41
BGX1D
230.45
BG05D
NS
BG04D
232.62
BG044D
231.08
BG06D
230.14
BG09D
231.95
BG07D
232.18
BG08D
231.67
BG010DR
231.27
BG011D
231.06
BG012D
236.18
BGX11D
235.88
BG03D
241.35
BGX12D
238.31
BG02D
230.69
BG014DR
230.59
BG015D
231.45
BG016D
232.46
BG018D
232.2
BG017DR
234.1
BG019D
234.9
BG020D
235.74
BG021D
237.37
BG022DR
236.53
BG023D
237.76
BG024D
239.65
BG01D
240.41
HSB85C
237.11
BG05ID
228.6
230
240
300



REFERENCE DOCUMENT

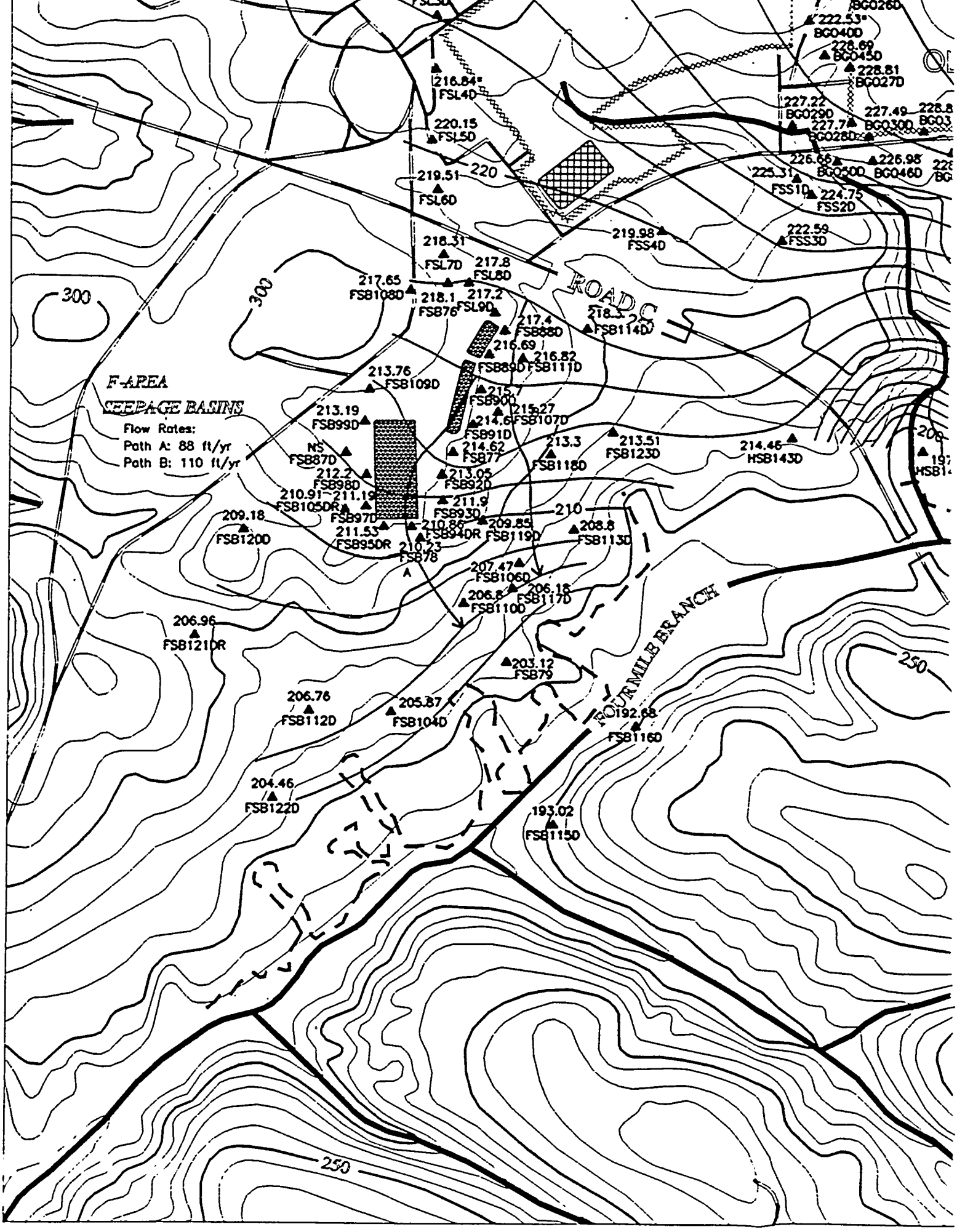
WSRC-TR-95-0146-2 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-2 H-Area Seepage Basins Groundwater Monitoring Report

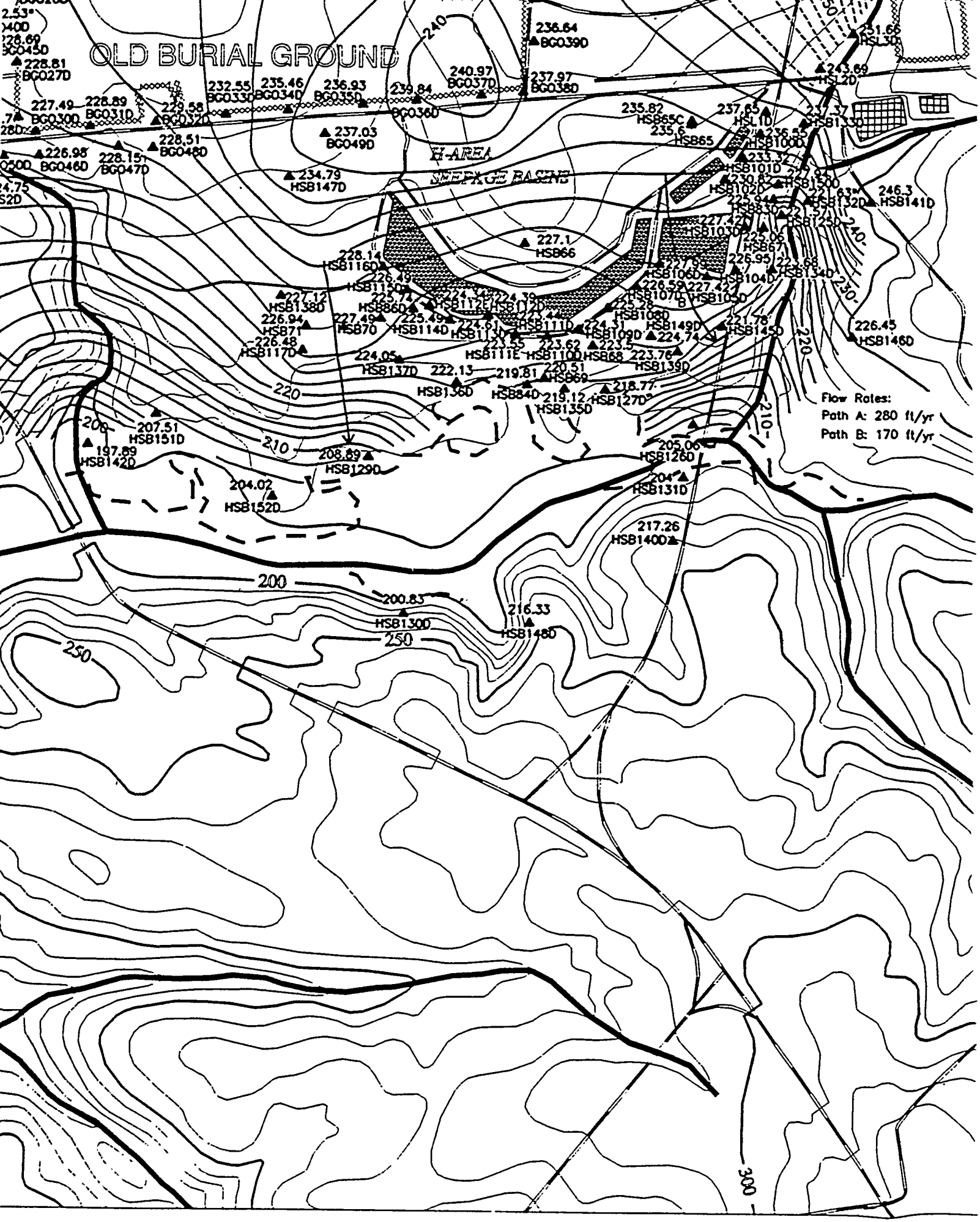
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED POTENTIOMETRIC CONTOUR
- POTENTIOMETRIC CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL

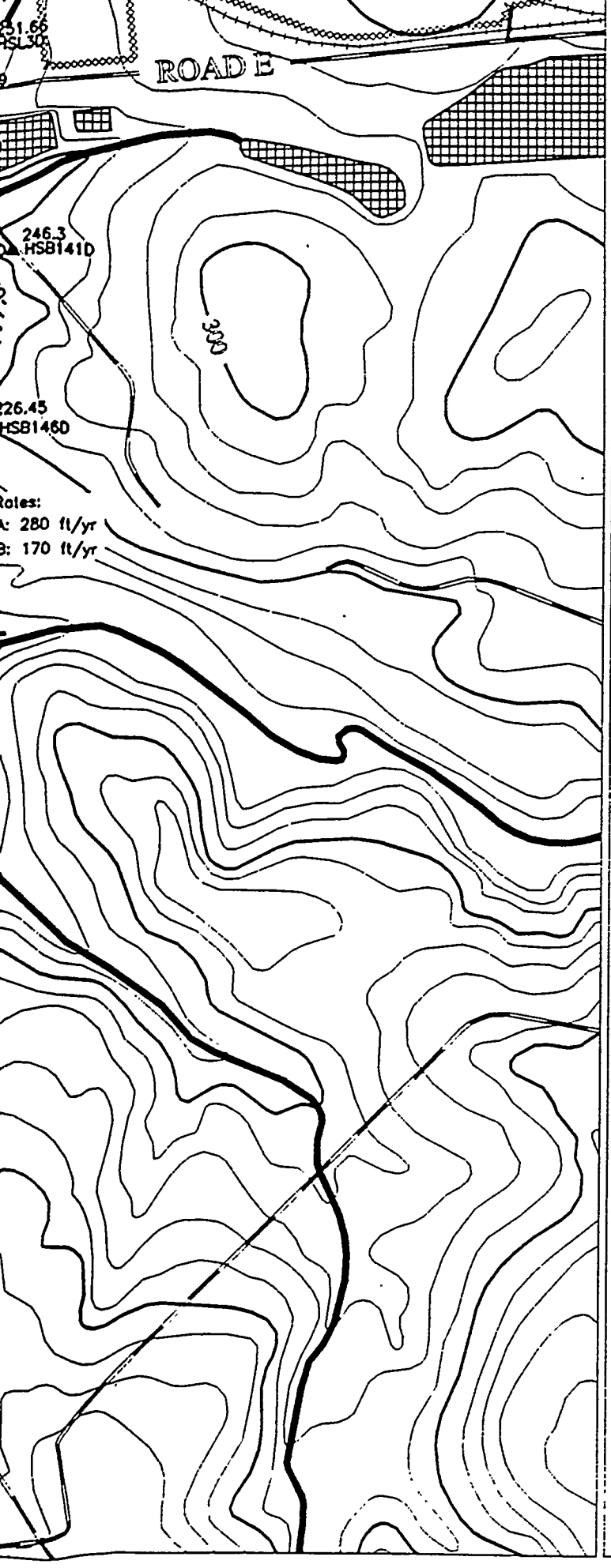
-81.702 -81.626

33.313 33.313

LATITUDE-LONGITUDE


F-AREA
SEEPAGE BASINS
Flow Rates:
Path A: 88 ft/yr
Path B: 110 ft/yr
ROAD C
FOUR MILE BRANCH
300
250
220
210
216.84*
FSL4D
220.15
FSL5D
219.51
FSL6D
218.31
FSL7D
217.8
FSL8D
217.65
FSB108D
218.1
FSB76
217.2
FSL9D
217.4
FSB88D
216.69
FSB89D
216.82
FSB111D
218.3
FSB114D
213.76
FSB109D
215.7
FSB90D
215.27
FSB107D
214.6
FSB91D
214.62
FSB77
213.3
FSB118D
213.51
FSB123D
214.46
HSB143D
213.19
FSB99D
NS
FSB87D
212.2
FSB98D
213.05
FSB92D
210.91~211.19
FSB105DR
211.9
FSB93D
209.18
FSB120D
211.53
FSB95DR
210.86
FSB94DR
209.85
FSB119D
208.8
FSB113D
210.23
FSB78
207.47
FSB106D
206.8
FSB110D
206.18
FSB117D
206.96
FSB121DR
203.12
FSB79
206.76
FSB112D
205.87
FSB104D
192.68
FSB116D
204.46
FSB122D
193.02
FSB115D
222.53*
BG040D
228.69
BG045D
228.81
BG027D
227.22
BG029D
227.49
227.7
BG030D
BG028D
226.66
BG050D
226.95
BG046D
225.31
FSS1D
224.75
FSS2D
222.59
FSS3D
219.98
FSS4D


OLD BURIAL GROUND
H-AREA
SEEPAGE BASIN
Flow Rates:
Path A: 280 ft/yr
Path B: 170 ft/yr



33.253 33.253

-81.702 -81.626

0 900 1800 2700

Scale 1:900 FT
1:274 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 1st QUARTER '95

AQUIFER:

WATER TABLE

NOTES:

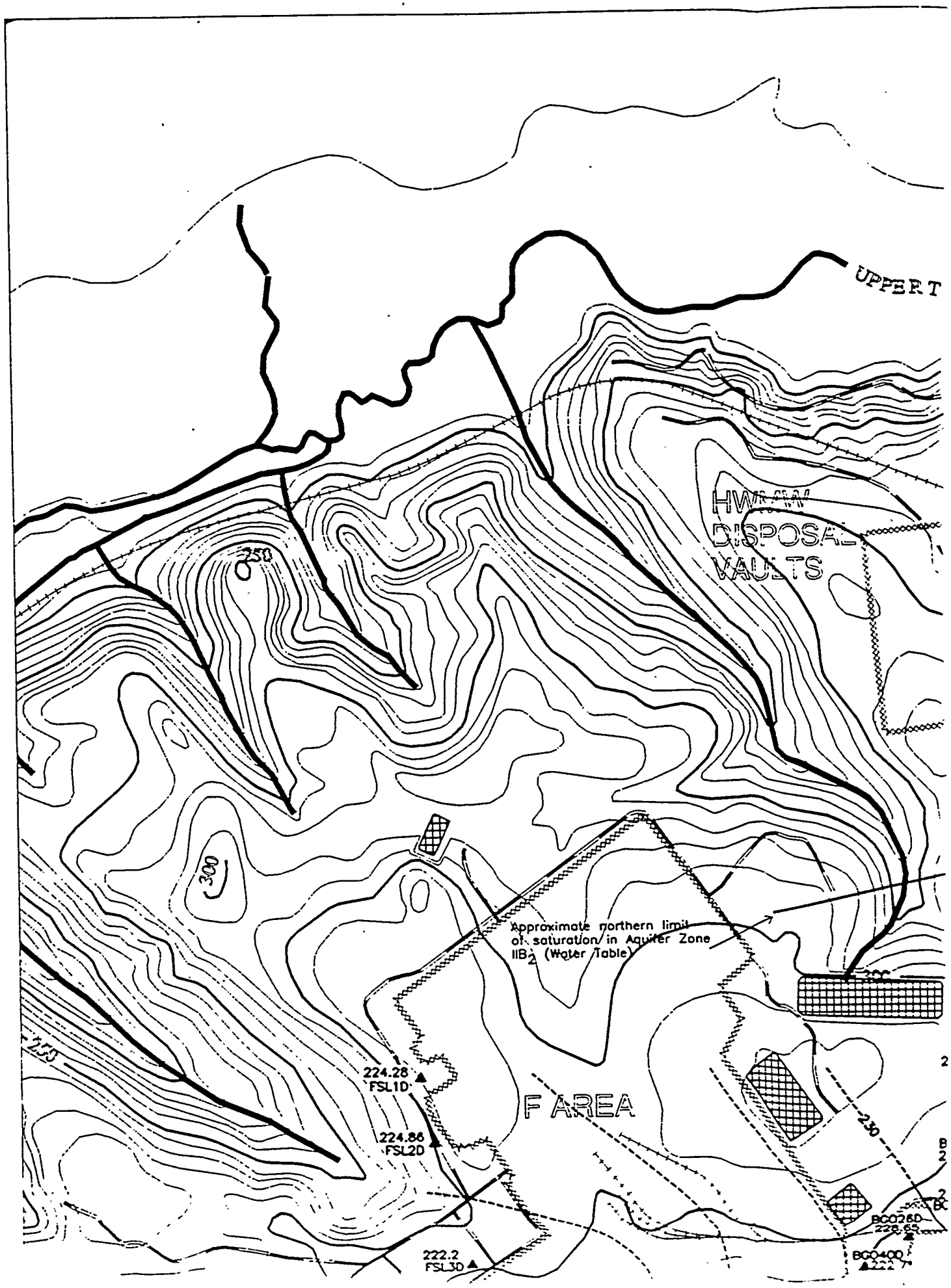
POTENTIOMETRIC SURFACE

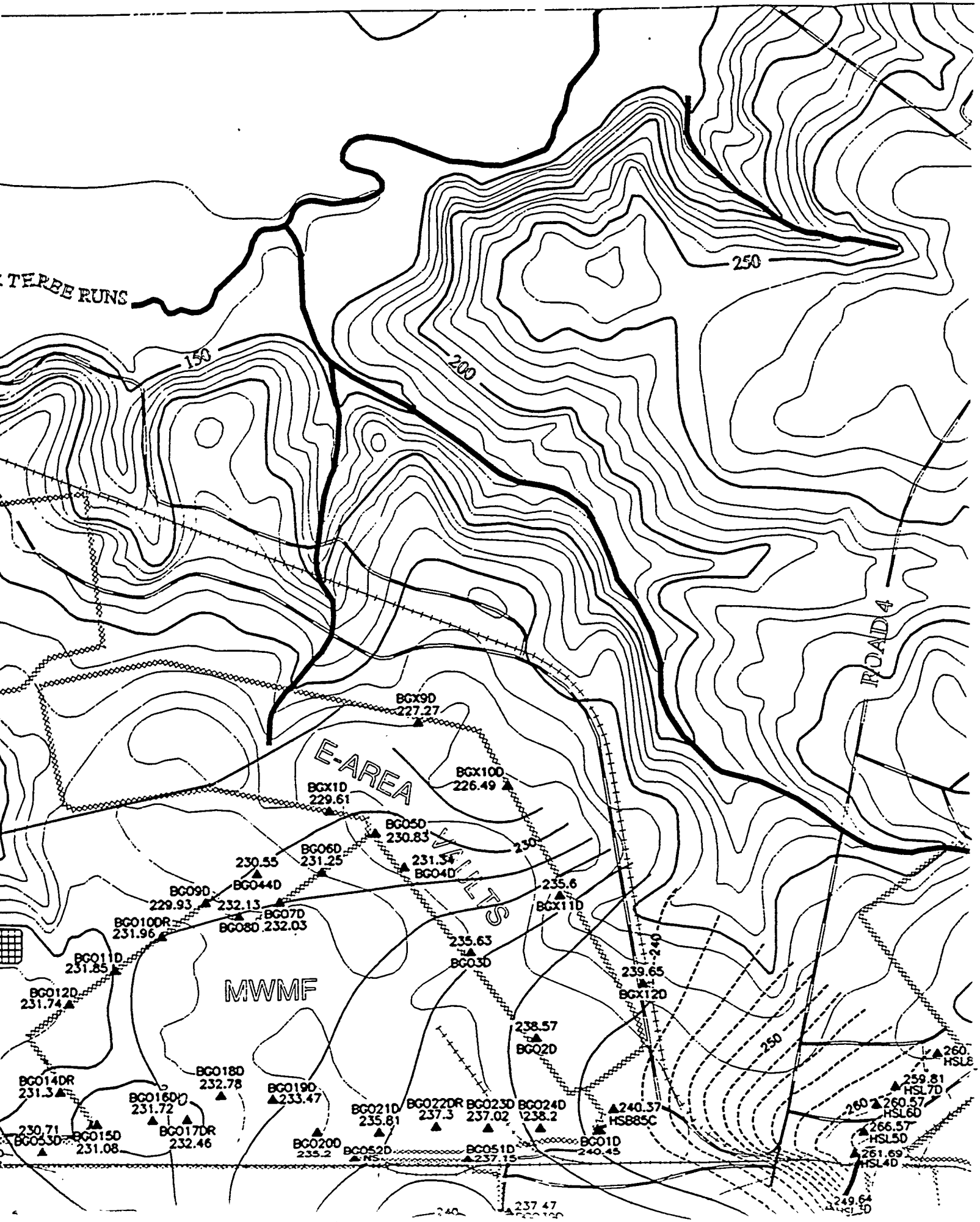
"NS" = Not Sampled

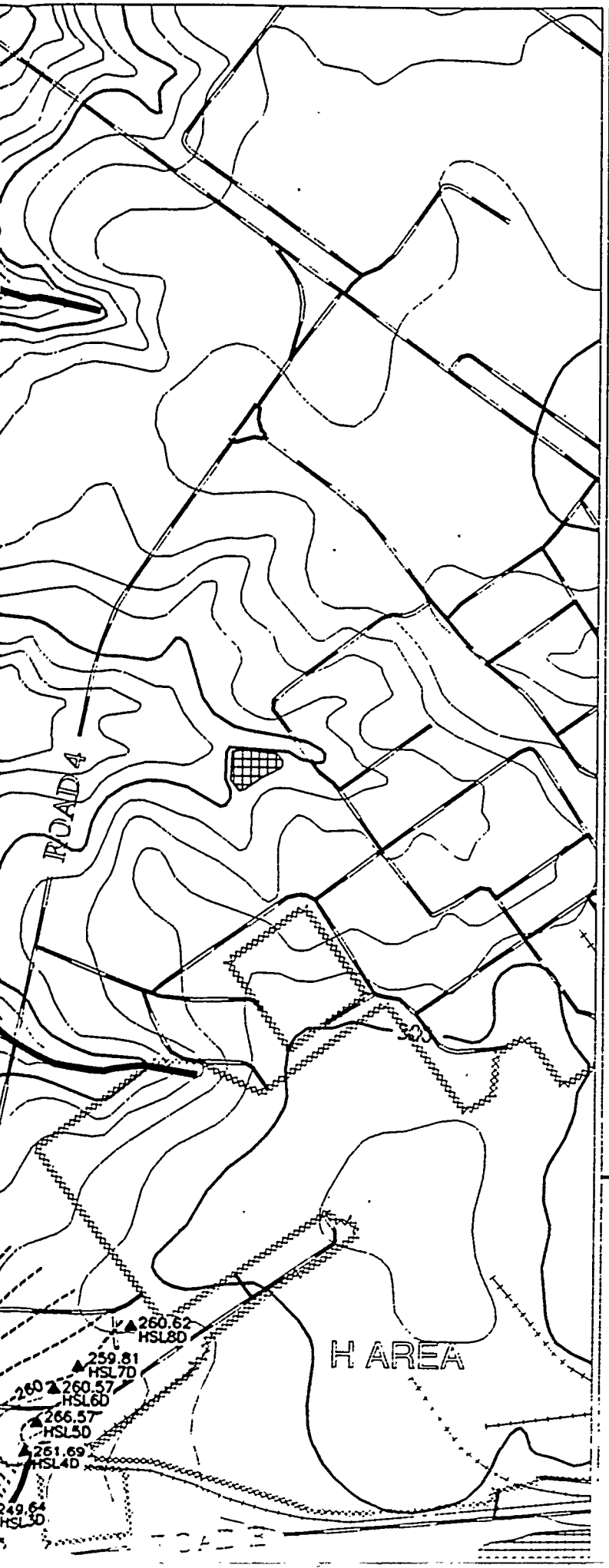
"*" = Wells Not Used to Contour

Contour Interval: 2 FT

EPD GIS Lab (803)725-1417


UPPER T
HW
DISPOSA-
VAULTS
250
300
Approximate northern limit
of saturation in Aquifer Zone
IIB (Water Table)
224.28
FSL1D
224.86
FSL2D
222.2
FSL3D
F AREA
230
BCO26D
228.65
BCO400

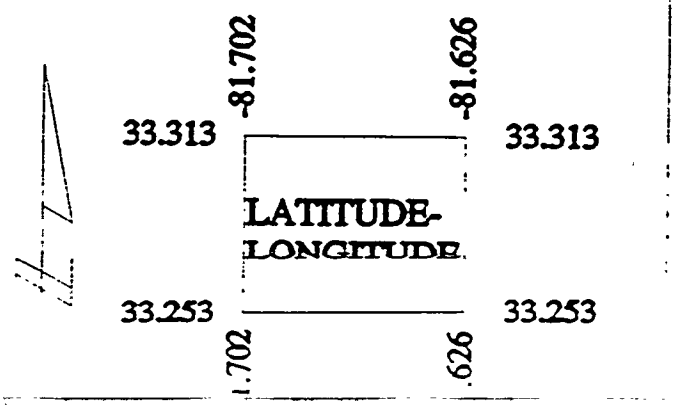

TERRE RUNS
150
200
250
E-AREA
VAULTS
MWMF
ROAD 4
BGX9D 227.27
BGX10D 226.49
BGX1D 229.61
BG05D 230.83
230
BG06D 231.25
230.55
231.34
BG04D
BG09D 229.93
BG44D
232.13
BG07D
BG08D 232.03
BG10DR 231.96
235.6
BGX11D
235.63
BG03D
240
239.65
BGX12D
BG11D 231.85
BG12D 231.74
238.57
BG02D
BG14DR 231.3
BG18D 232.78
BG16DD 231.72
BG19D 233.47
BG21D 235.81
BG22DR 237.3
BG23D 237.02
BG24D 238.2
240.37 HSB85C
BG01D 240.45
BG17DR 232.46
230.71
BG15D 231.08
BG20D 235.2
BG52D NS
BG51D 237.15
237.47
260 HSL8
259.81 HSL7D
260 260.57 HSL6D
266.57 HSL5D
261.69 HSL4D
249.64

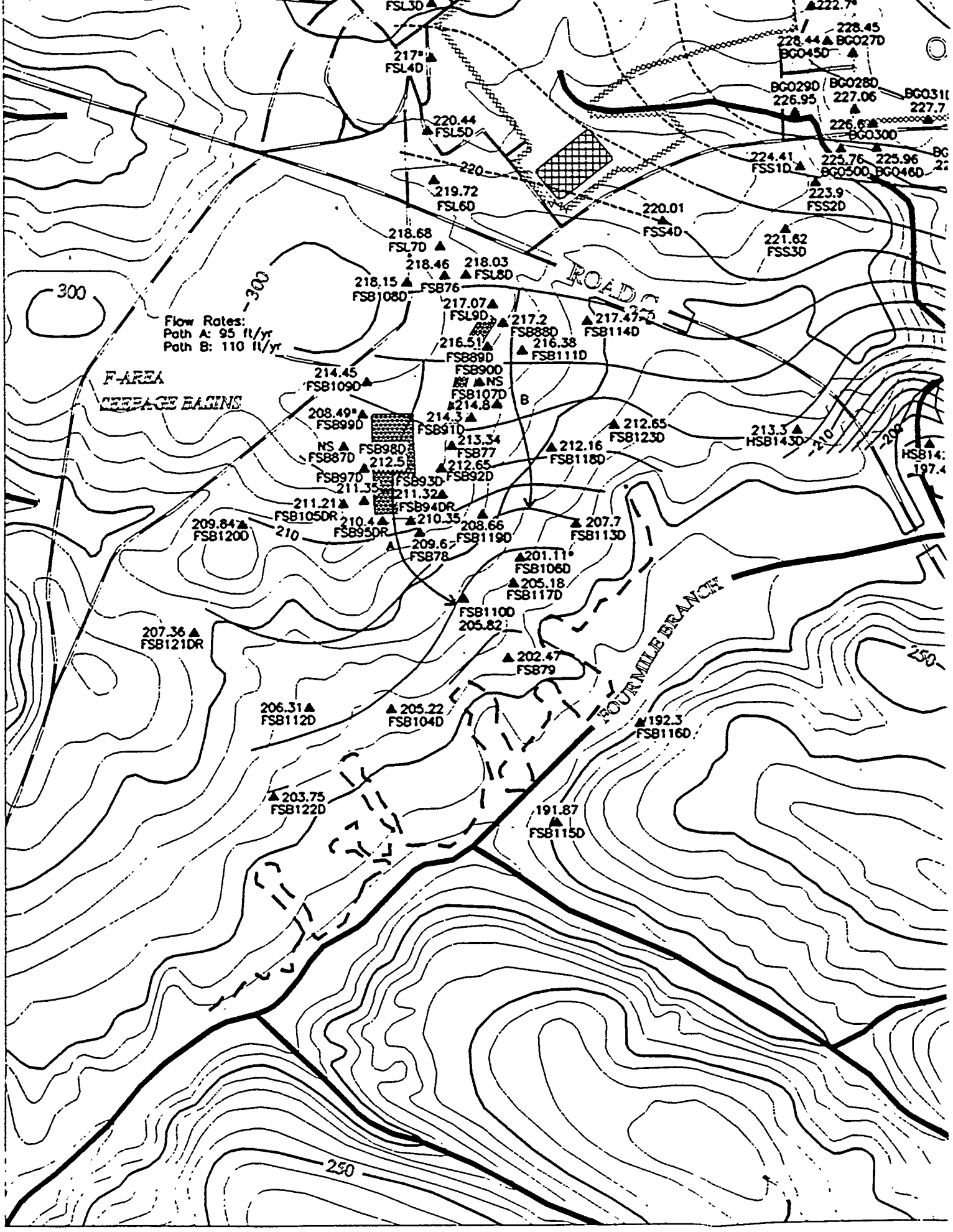


REFERENCE DOCUMENT

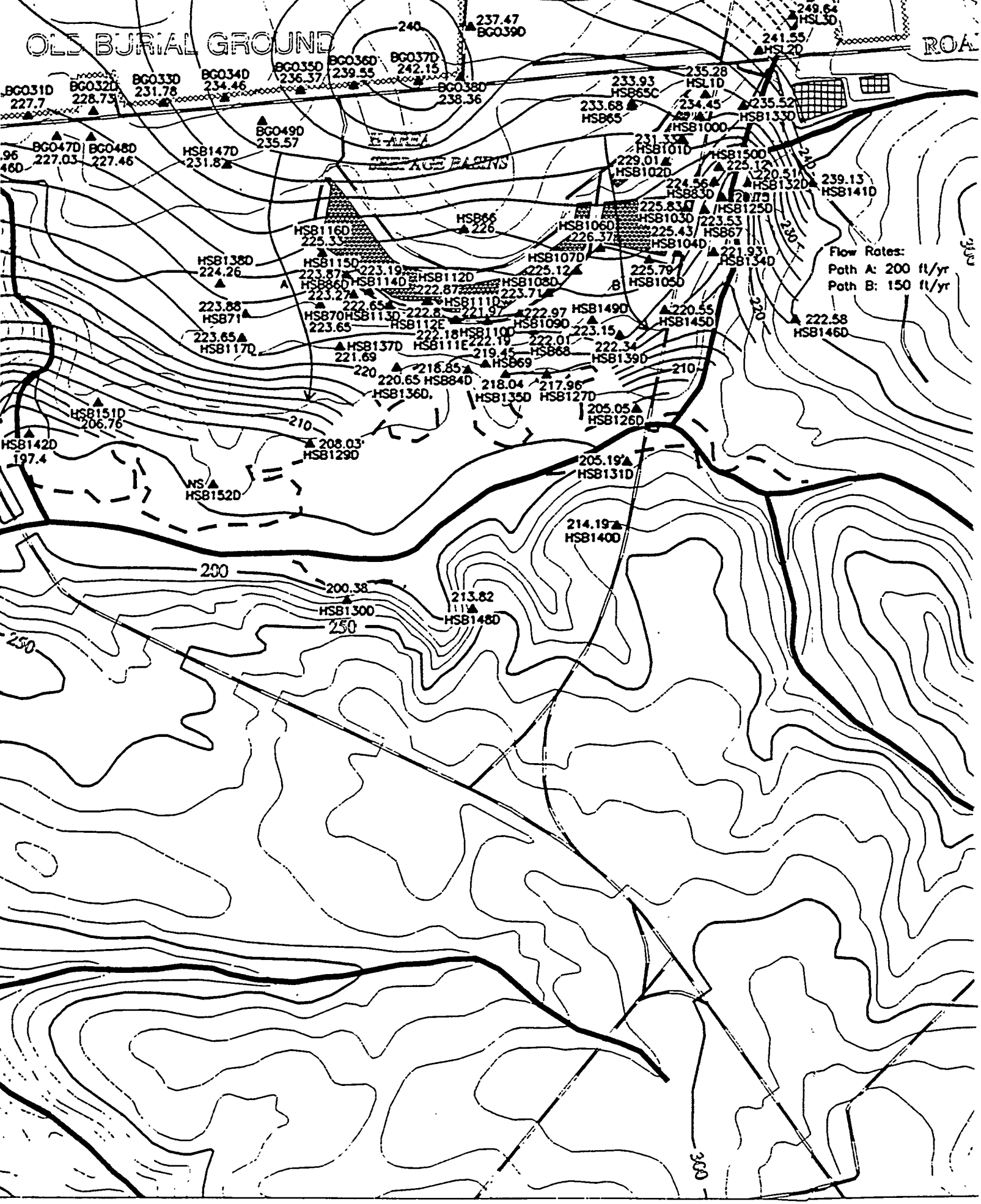
WSRC-TR-95-0146-2 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-2 H-Area Seepage Basins Groundwater Monitoring Report

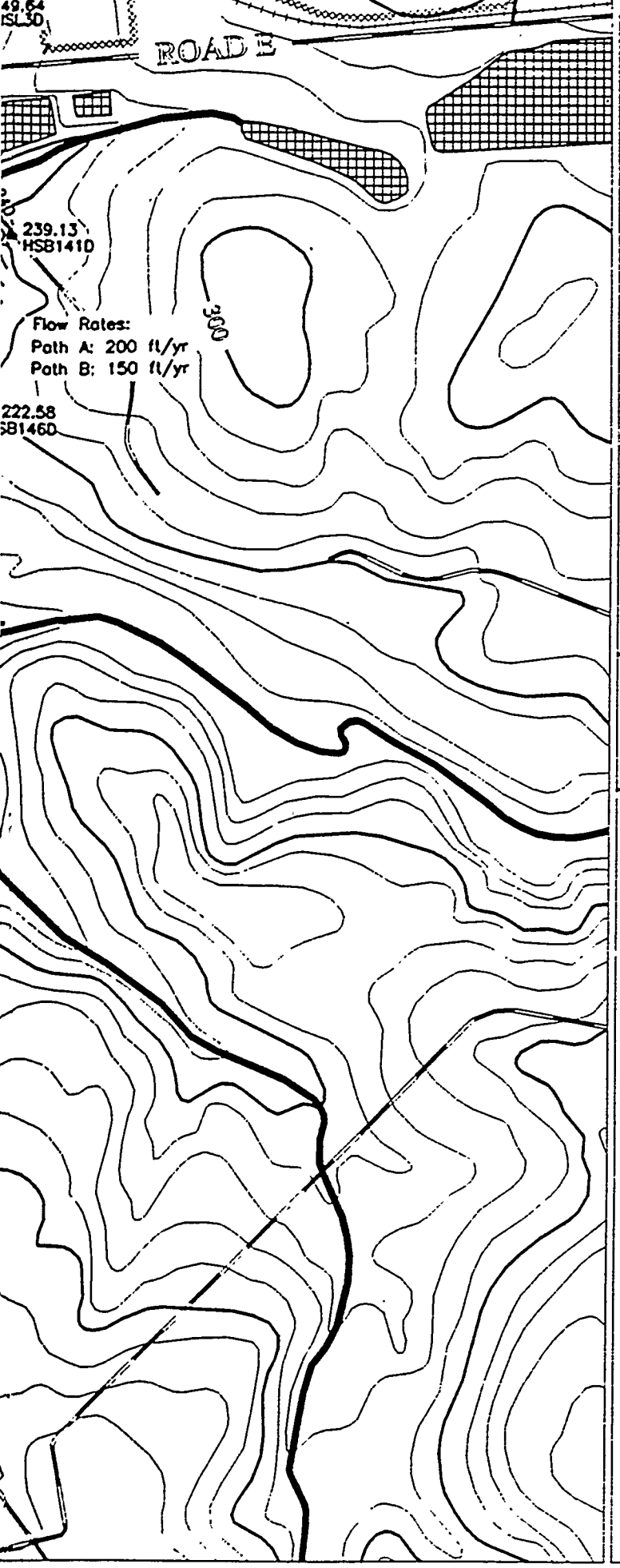
- PAVED ROAD
- UNPAVED ROAD
- STREAM
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED POTENTIOMETRIC CONTOUR
- POTENTIOMETRIC CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL





FSL3D
217*
FSL4D
220.44
FSL5D
220
219.72
FSL6D
218.68
FSL7D
218.46
218.03
FSL8D
218.15
FSB108D
FSB76
217.07
FSL9D
217.2
FSB88D
217.47
FSB114D
216.51
FSB89D
216.38
FSB111D
FSB90D
NS
FSB107D
214.8
214.45
FSB109D
208.49*
FSB99D
214.3
FSB91D
213.34
FSB77
212.65
FSB92D
212.5
FSB98D
NS
FSB87D
FSB97D
FSB93D
211.35
211.32
FSB94DR
211.21
FSB105DR
210.4
FSB95DR
210.35
209.84
FSB120D
210
209.6
FSB78
208.66
FSB119D
207.7
FSB113D
201.11*
FSB106D
205.18
FSB117D
FSB110D
205.82
207.36
FSB121DR
202.47
FSB79
206.31
FSB112D
205.22
FSB104D
192.3
FSB116D
203.75
FSB122D
191.87
FSB115D
300
Flow Rates:
Path A: 95 ft/yr
Path B: 110 ft/yr
F-AREA
SEEPAGE BASINS
ROAD C
FOUR MILE BRANCH
250
222.7*
228.45
228.44
BG027D
BG045D
BG029D
226.95
BG028D
227.06
227.7
226.6
BG030D
224.41
FSS1D
225.76
BG050D
225.96
BG046D
223.9
FSS2D
220.01
FSS4D
221.62
FSS3D
212.65
FSB123D
213.3
HSB143D
212.16
FSB118D


OLD BURIAL GROUND
ROA
H-AREA
SEEPAGE BASINS
Flow Rates:
Path A: 200 ft/yr
Path B: 150 ft/yr
BG031D 227.7
BG032D 228.73
BG033D 231.78
BG034D 234.46
BG035D 236.37
BG036D 239.55
BG037D 242.15
BG038D 238.36
BG039D 237.47
BG047D 227.03
BG048D 227.46
BG049D 235.57
HSB147D 231.8
HSB116D 225.33
HSB138D 224.26
HSB115D 223.87
HSB86D 223.27
HSB114D 223.19
HSB112D 222.87
HSB111D 222.8
HSB113D 222.65
HSB112E 222.18
HSB111E 222.19
HSB110D 221.97
HSB109D 222.97
HSB108D 223.71
HSB107D 225.12
HSB106D 226.37
HSB105D 225.79
HSB104D 225.43
HSB103D 225.83
HSB102D 229.01
HSB101D 231.33
HSB100D 234.45
HSB65C 233.93
HSB65 233.68
HSL1D 235.28
HSB133D 235.52
HSL2D 241.55
HSL3D 249.64
HSB150D 225.12
HSB132D 220.51
HSB141D 239.13
HSB83D 224.56
HSB125D 220.75
HSB67 223.53
HSB134D 221.93
HSB149D 223.15
HSB145D 220.55
HSB139D 222.34
HSB146D 222.58
HSB137D 221.69
HSB117D 223.65
HSB71 223.88
HSB70 223.65
HSB136D 220.65
HSB84D 218.85
HSB69 219.45
HSB68 222.01
HSB135D 218.04
HSB127D 217.96
HSB126D 205.05
HSB131D 205.19
HSB140D 214.19
HSB148D 213.82
HSB130D 200.38
HSB152D NS
HSB151D 206.76
HSB142D 197.4
HSB129D 208.03
HSB66 226
A
B
200
210
220
230
240
250
300



-81.702

-81.626

0 900 1800 2700

Scale 1:900 FT
1:274 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 2nd QUARTER '95

AQUIFER:

WATER TABLE

NOTES:

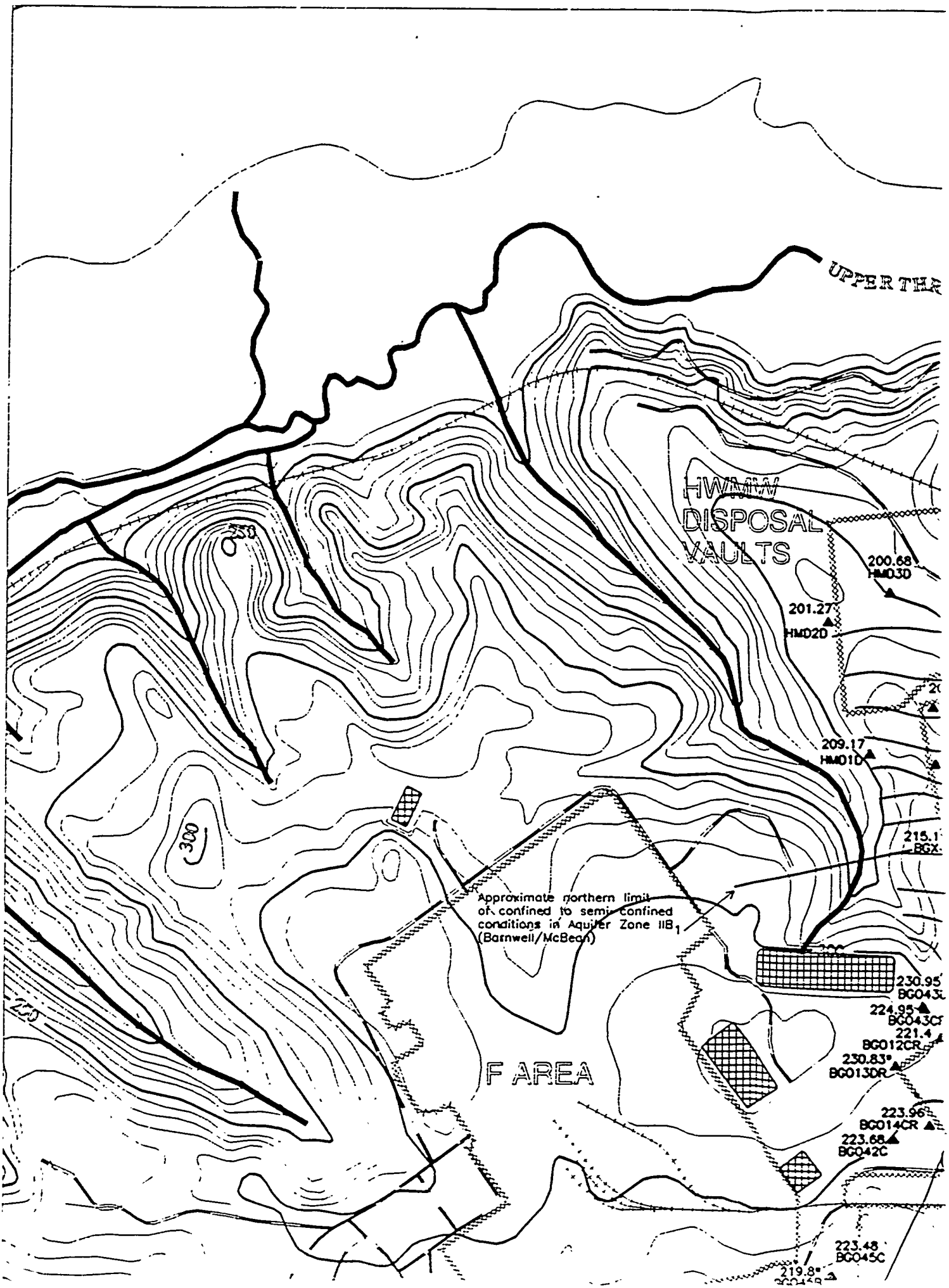
POTENTIOMETRIC SURFACE

"NS" = Not Sampled

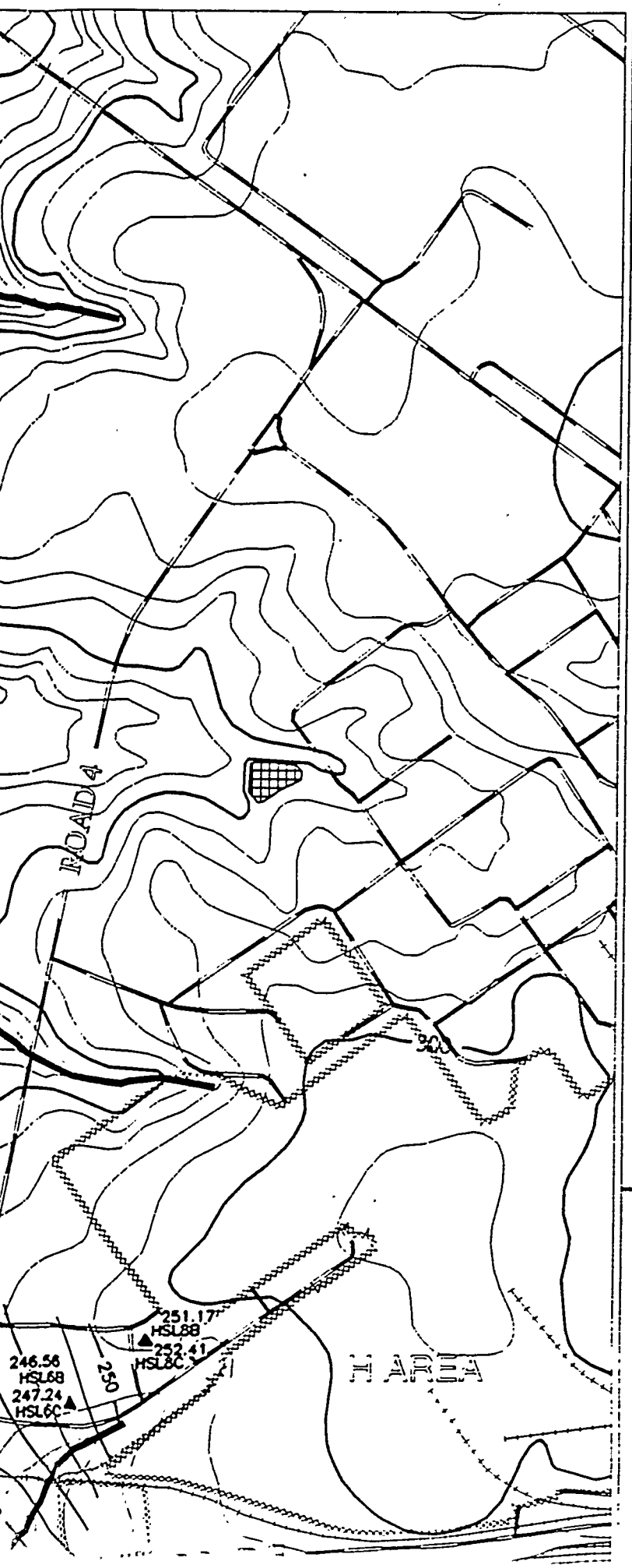
"*" = Wells Not Used to Contour

Contour Interval: 2 FT

EPD GIS Lab (803)725-1417


UPPER THR
HWMW
DISPOSAL
VAULTS
200.68
HM03D
201.27
HM02D
209.17
HM01D
215.1
BGX
Approximate northern limit of confined to semi-confined conditions in Aquifer Zone IIB1 (Barnwell/McBean)
230.95
BG043
224.95
BG043C
221.4
BG012CR
230.83*
BG013DR
223.96
BG014CR
223.68
BG042C
223.48
BG045C
219.8*
F AREA
250
300

UPPER THREE RUNS
150
200
250
MW
POSAL
LTS
200.68
HMD3D
200.75
HMD4D
201.27
HMD2D
205.38
BGX6D
205.42
BGX7D
206.55
BGX8DR
209.17
HMD1D
208.26
BGX5D
210
212.98
BGX2B
215.27
BGX2D
215.19
BGX4D
214.12
BGX4C
214.66
BGX3D
216.52
BGX1C
216.4
BGO5C
219.66
BGO6B
221.4
BGO44B
221.16
BGO44C
220.66
BGO6C
219.83
BGO10B
223.7
BGO8C
NS
BGO3CR
220
220.72
BGO10C
230.95*
BGO43D
224.95
BGO43CR
221.4
BGO12CR
230.83*
BGO13DR
MWMF
236.55
BGX12C
230
223.96
BGO14CR
223.68
BGO42C
300
219.06
BGO16B
234.92
HSB858
246
HSL
247.
HSL
231.67
BGO51B
232.63
BGO51C
240
223.48
BGO45C
219.8*
BGO45B
232.64
BGO39C
230.32
232.87



REFERENCE DOCUMENT

WSRC-TR-95-0146-2 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-2 H-Area Seepage Basins Groundwater Monitoring Report

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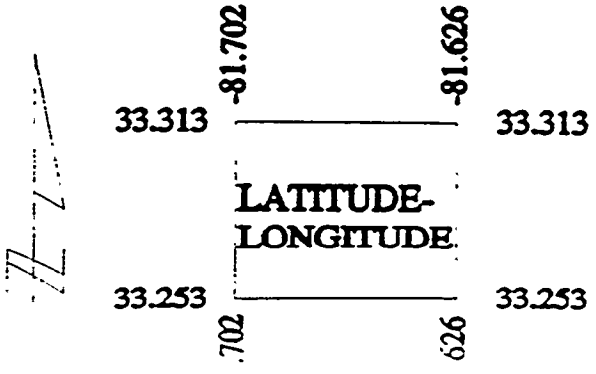
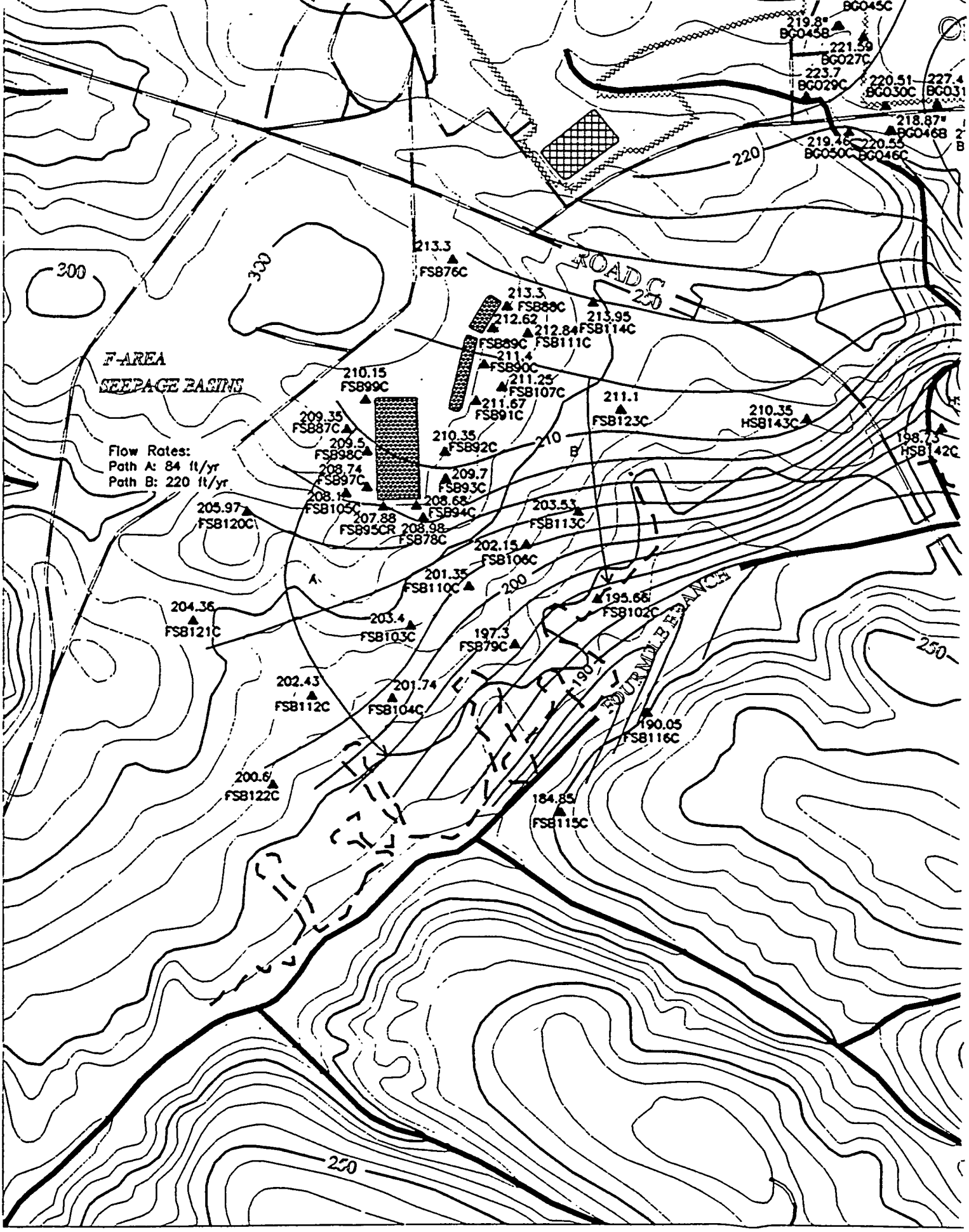
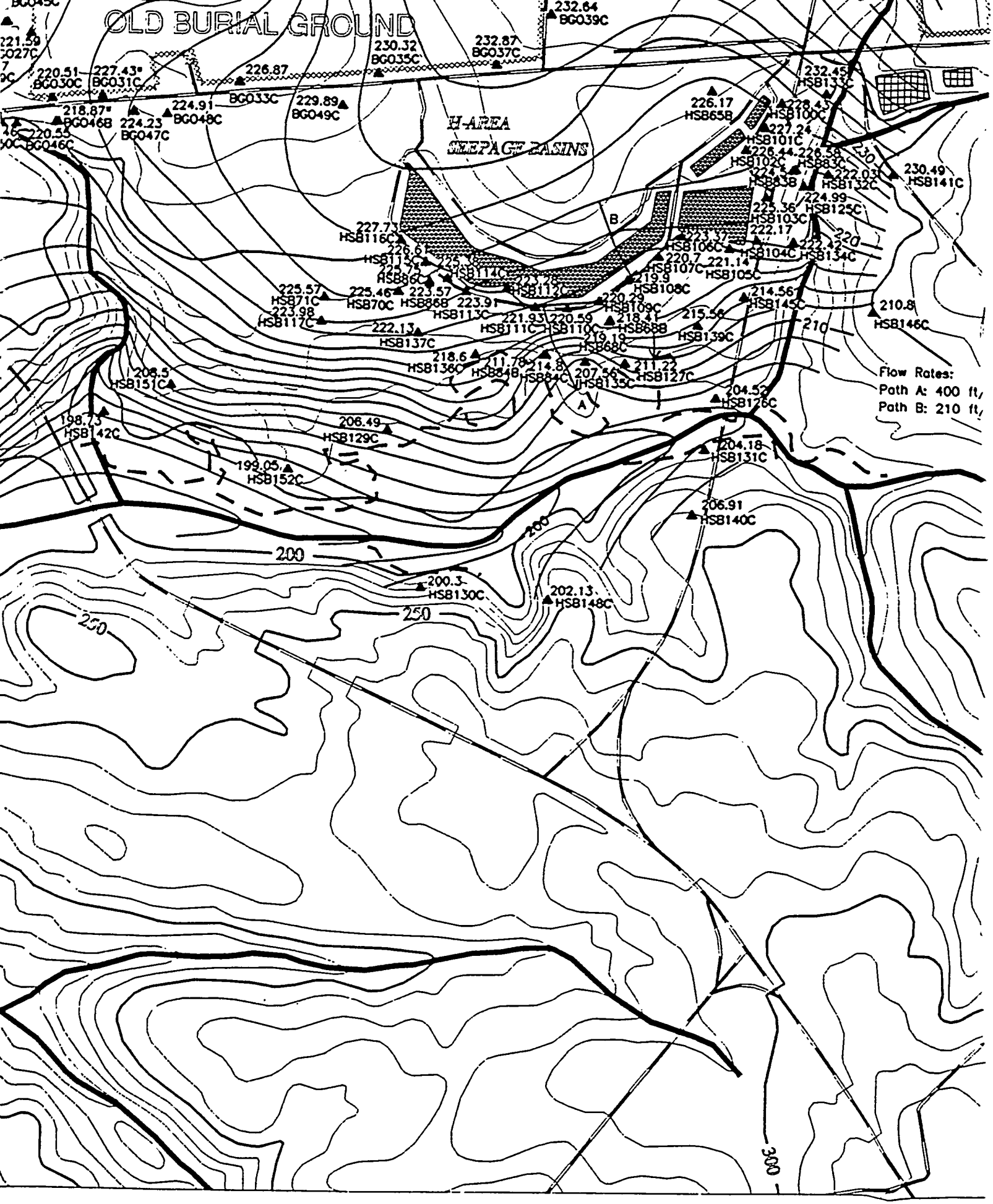
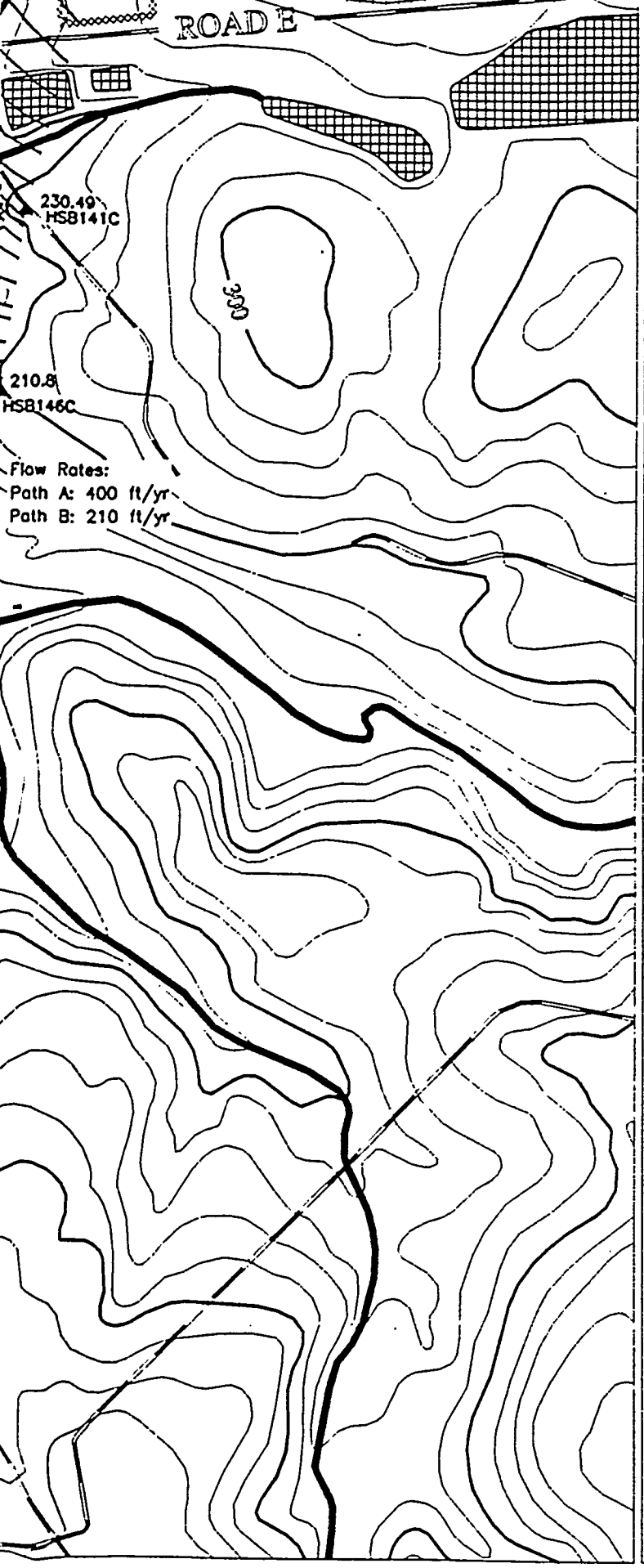
- FENCE LINE
- SEEPLINE
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED POTENTIOMETRIC CONTOUR
- POTENTIOMETRIC CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL





F-AREA
SEEPAGE BASINS
Flow Rates:
Path A: 84 ft/yr
Path B: 220 ft/yr
ROAD C
FOURMILE BRANCH
300
250
220
210
200
190
BG045C
219.8*
BG045B
221.59
BG027C
223.7
BG029C
220.51
BG030C
227.4
218.87*
BG046B
219.46
BG050C
220.55
BG046C
213.3
FSB76C
213.3
FSB88C
212.62
FSB89C
212.84
FSB111C
213.95
FSB114C
211.4
FSB90C
211.25
FSB107C
211.67
FSB91C
210.15
FSB99C
209.35
FSB87C
209.5
FSB98C
208.74
FSB97C
208.1
FSB105C
207.88
FSB95CR
208.98
FSB78C
208.68
FSB94C
209.7
FSB93C
210.35
FSB92C
211.1
FSB123C
210.35
HSB143C
198.73
HSB142C
205.97
FSB120C
203.53
FSB113C
202.15
FSB106C
201.35
FSB110C
195.66
FSB102C
204.36
FSB121C
203.4
FSB103C
197.3
FSB79C
202.43
FSB112C
201.74
FSB104C
190.05
FSB116C
200.6
FSB122C
184.85
FSB115C
A
B


OLD BURIAL GROUND
H-AREA
SEEPAGE BASINS
Flow Rates:
Path A: 400 ft/
Path B: 210 ft/
A
B
200
210
220
230
250
300



-81.702

-81.626

0 900 1800 2700

Scale 1:900 FT
1:274 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 1st QUARTER '95

AQUIFER:

BARNWELL/McBEAN

NOTES:

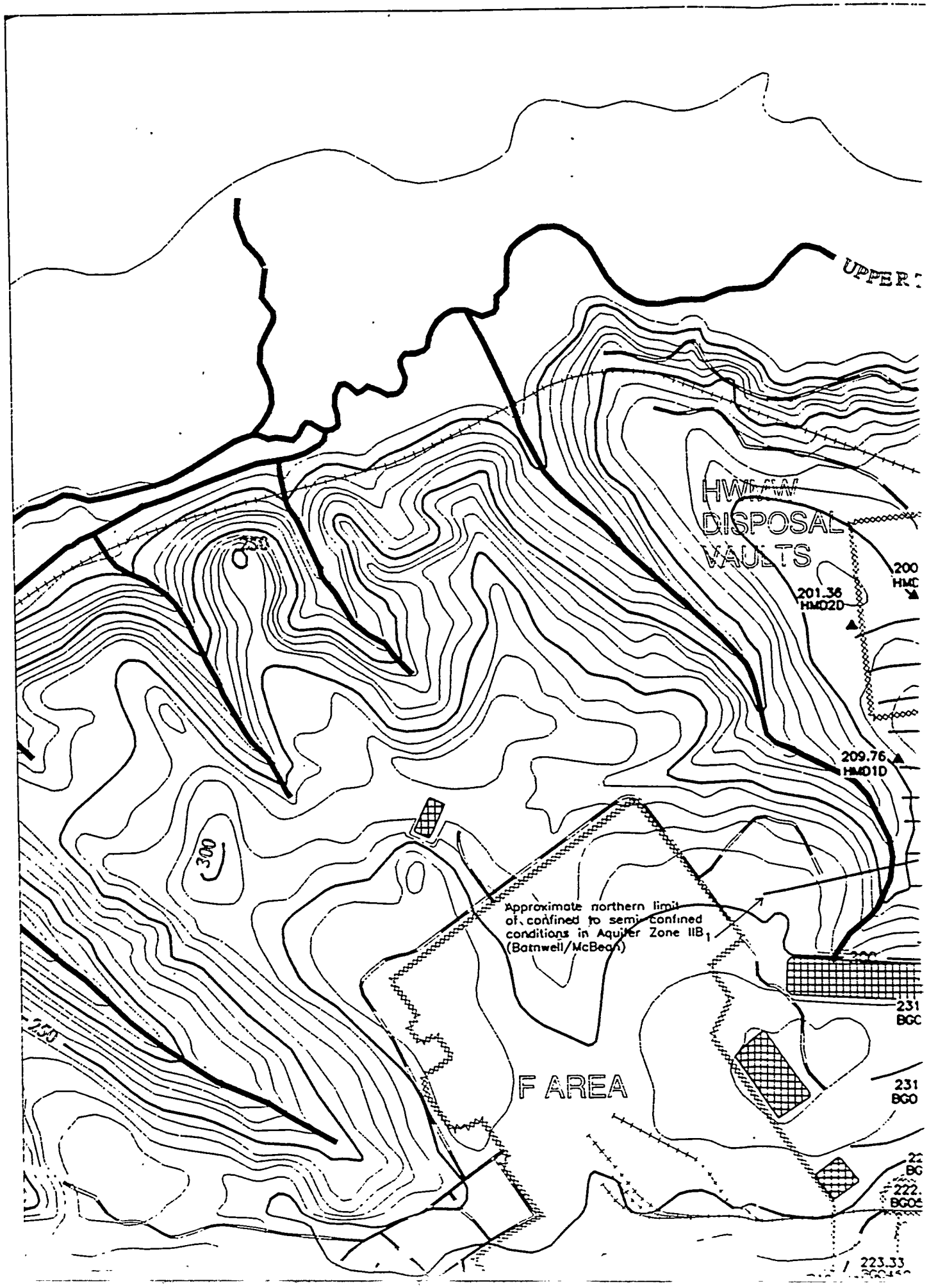
POTENTIOMETRIC SURFACE

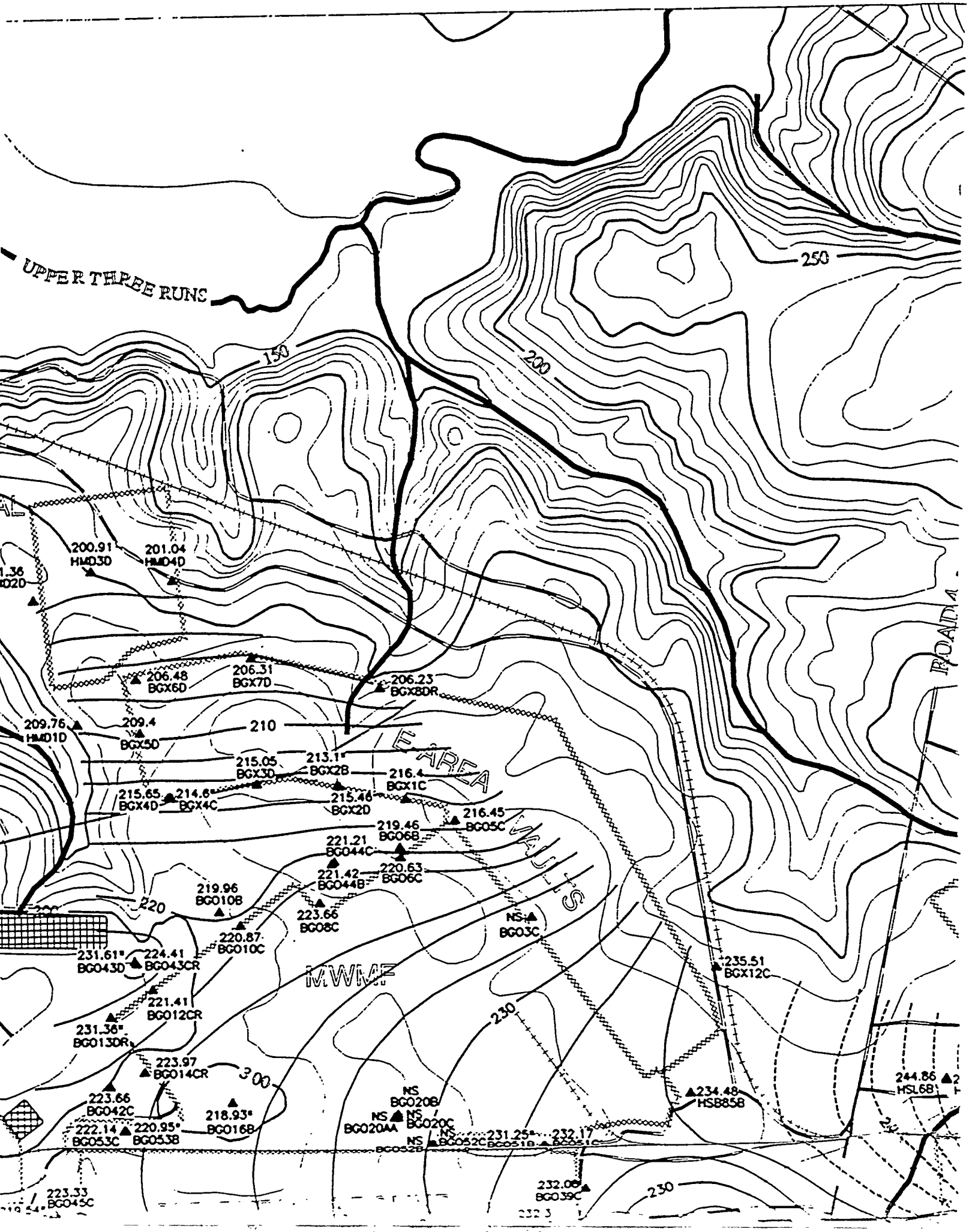
"NS" = Not Sampled

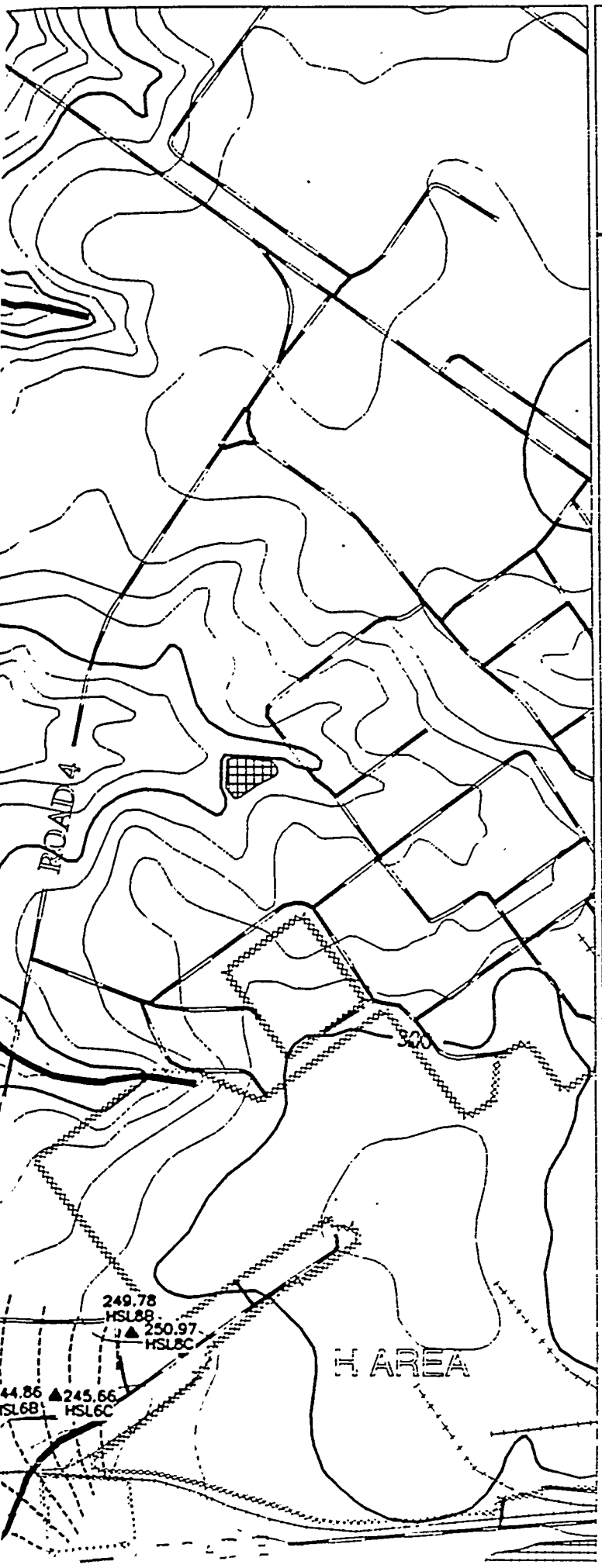
"*" = Wells Not Used to Contour

Contour Interval: 2 FT

EPD GIS Lab (803)725-1417


UPPER
HWMA
DISPOSAL
VAULTS
200
HMC
201.36
HM02D
209.76
HM01D
250
300
Approximate northern limit of confined to semi-confined conditions in Aquifer Zone IIB1 (Bamwell/McBean)
231
BGC
F AREA
231
BGO
222.
BGO
223.33


UPPER THREE RUNS
150
200
250
210
220
230
300
200.91
HMD3D
201.04
HMD4D
206.48
BGX6D
206.31
BGX7D
206.23
BGX8DR
209.76
HMD1D
209.4
BGX5D
215.05
BGX3D
213.1*
BGX2B
216.4
BGX1C
215.65
BGX4D
214.6*
BGX4C
215.46
BGX2D
216.45
BGO5C
219.46
BGO6B
221.21
BGO44C
221.42
BGO44B
220.63
BGO6C
219.96
BGO10B
223.66
BGO8C
NS
BGO3C
220.87
BGO10C
231.61*
BGO43D
224.41
BGO43CR
221.41
BGO12CR
231.36*
BGO130R
223.97
BGO14CR
223.66
BGO42C
222.14
BGO53C
220.95*
BGO53B
218.93*
BGO16B
NS
BGO20B
NS
BGO20AA
NS
BGO20C
NS
BGO52C
231.25*
BGO51B
232.17
BGO51C
NS
BGO52B
235.51
BGX12C
234.48
HSB85B
244.86
HSL68
232.06
BGO39C
223.33
BGO45C
F AREA
WASTE
MWMF
ROAD A



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WSRC-TR-95-0147-2 H-Area Seepage Basins Groundwater Monitoring Report

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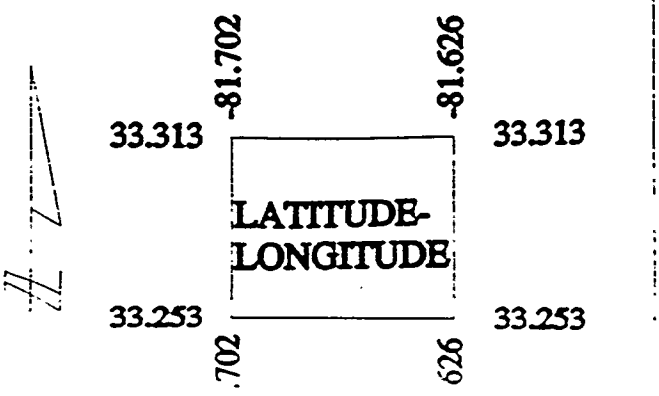
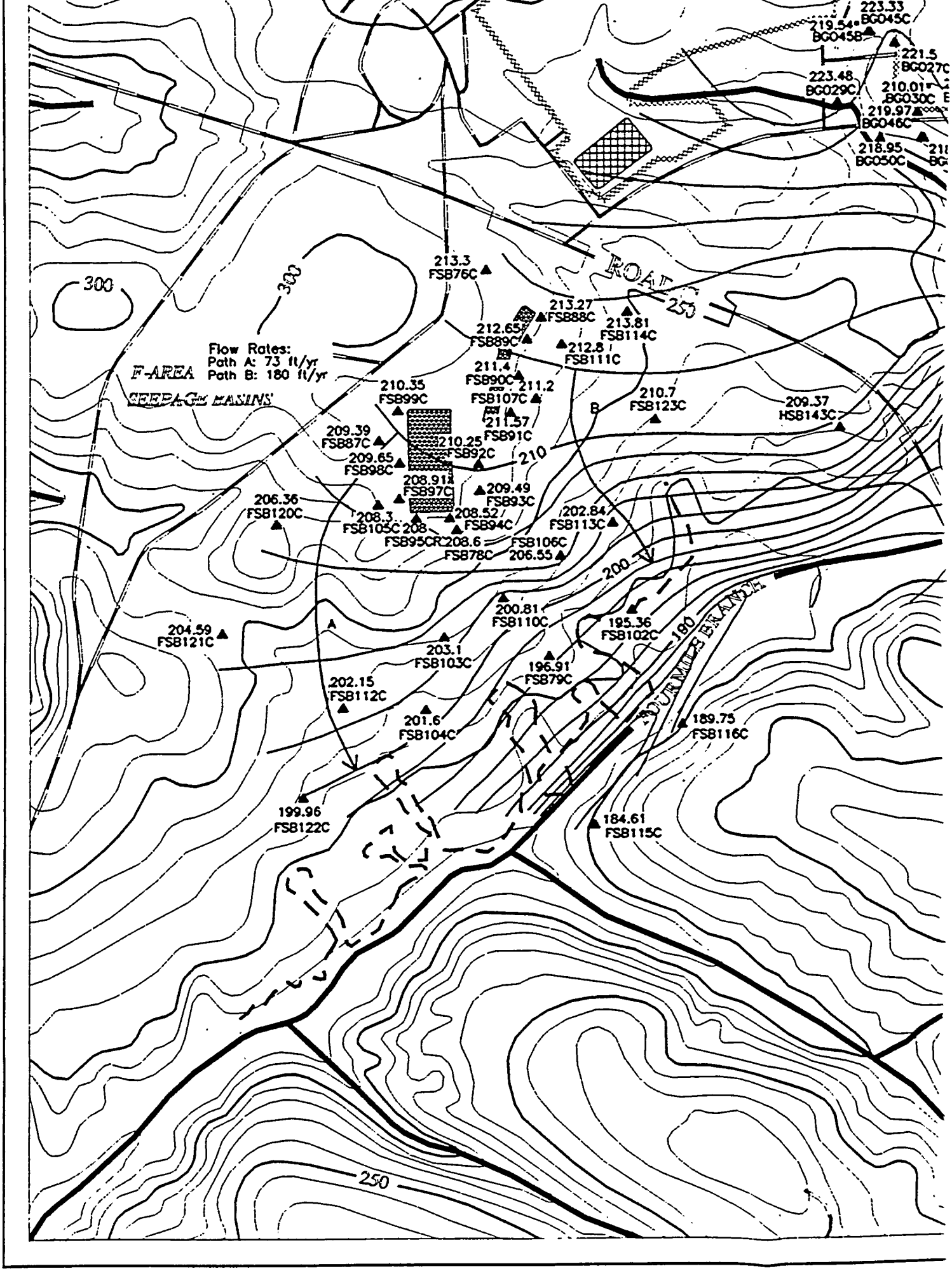
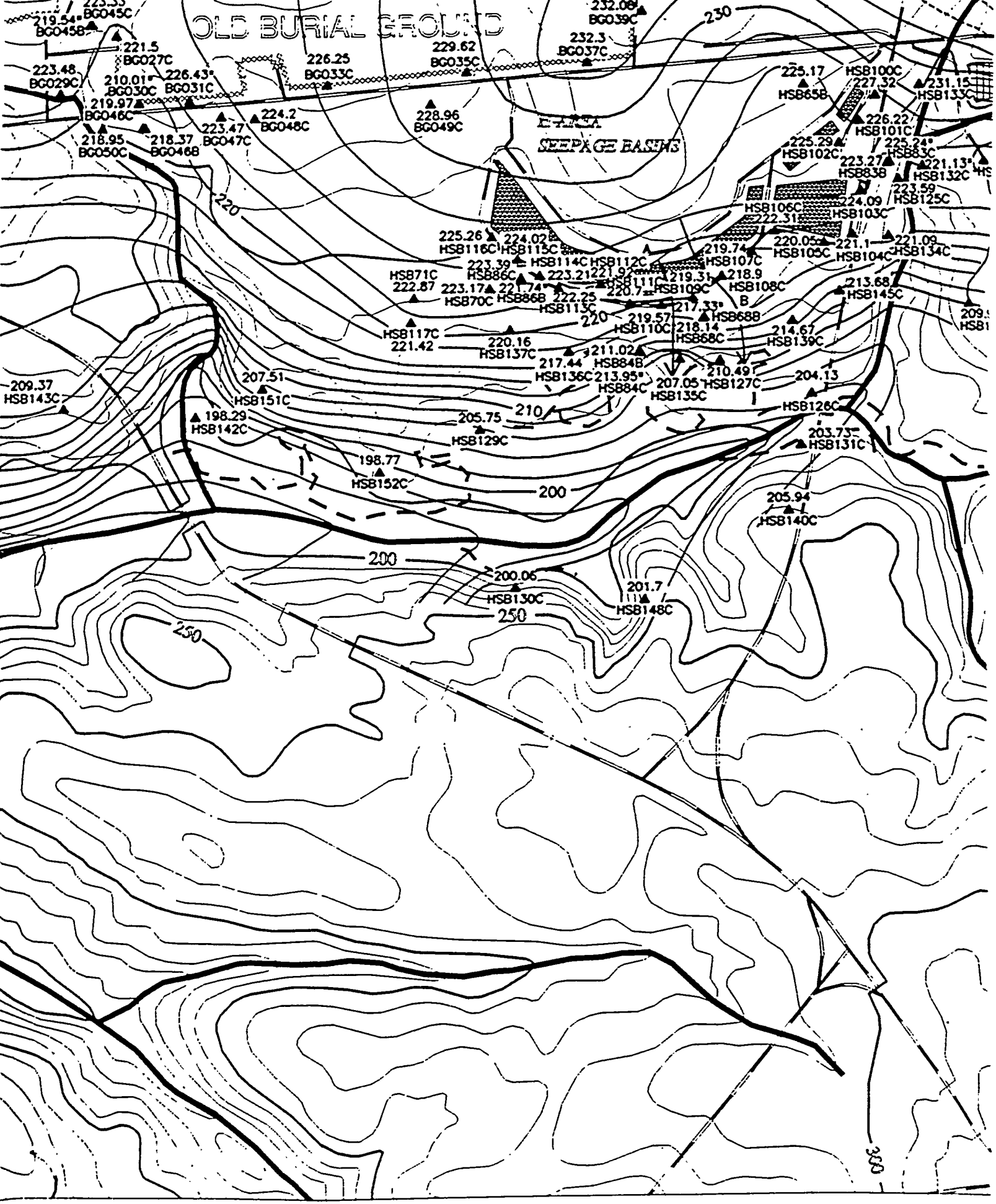
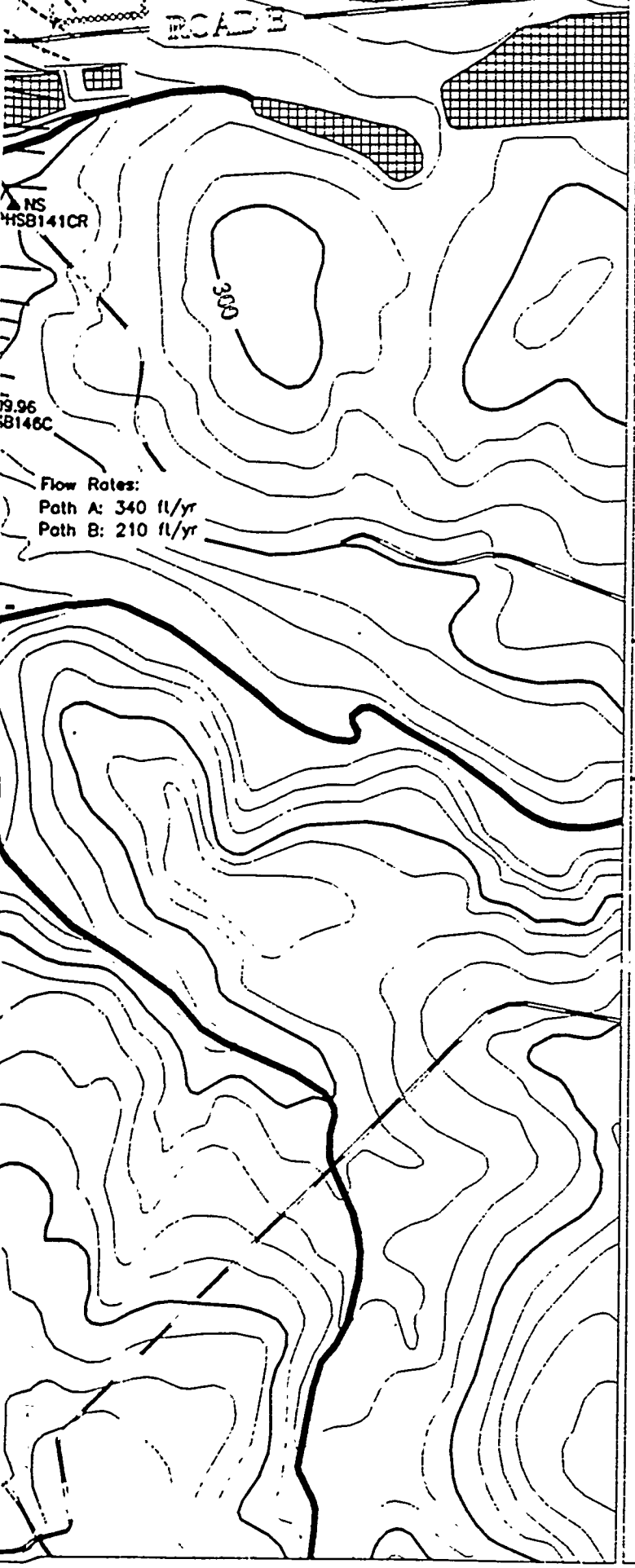
- RAILROAD
- TOPOGRAPHIC CONTOUR
  Contour Interval 10 FT
- INFERRED POTENTIOMETRIC CONTOUR
- POTENTIOMETRIC CONTOUR
- BASIN
- RCRA-CERTIFIED CLOSED BASIN
- MONITORING WELL





223.33
BG045C
219.54
BG045B
221.5
BG027C
223.48
BG029C
210.01
BG030C
219.97
BG046C
218.95
BG050C
ROAD
250
300
300
213.3
FSB76C
213.27
FSB88C
213.81
FSB114C
212.65
FSB89C
212.8
FSB111C
Flow Rates:
Path A: 73 ft/yr
Path B: 180 ft/yr
F-AREA
SEEPAGE BASINS
211.4
FSB90C
211.2
FSB107C
210.35
FSB99C
210.7
FSB123C
209.37
HSB143C
B
211.57
FSB91C
209.39
FSB87C
210.25
FSB92C
210
209.65
FSB98C
208.91
FSB97C
209.49
FSB93C
206.36
FSB120C
208.3
FSB105C
208
FSB95CR
208.52
FSB94C
202.84
FSB113C
208.6
FSB78C
FSB106C
206.55
200
200.81
FSB110C
195.36
FSB102C
190
A
204.59
FSB121C
203.1
FSB103C
196.91
FSB79C
202.15
FSB112C
201.6
FSB104C
189.75
FSB116C
199.96
FSB122C
184.61
FSB115C
250


OLD BURIAL GROUND
SEEPAGE BASINS
230
220
210
200
250
300
BG045C
219.54
BG045B
221.5
BG027C
223.48
BG029C
210.01
BG030C
226.43
BG031C
219.97
BG046C
218.95
BG050C
218.37
BG046B
223.47
BG047C
224.2
BG048C
226.25
BG033C
229.62
BG035C
228.96
BG049C
232.08
BG039C
232.3
BG037C
225.17
HSB65B
HSB100C
227.32
231.15
HSB133C
226.22
HSB101C
225.29
HSB102C
225.24
HSB83C
223.27
HSB83B
221.13
HSB132C
223.59
HSB125C
224.09
HSB103C
HSB106C
222.31
220.05
HSB105C
221.1
HSB104C
221.09
HSB134C
225.26
HSB116C
224.02
HSB115C
223.39
HSB86C
HSB114C
HSB112C
219.74
HSB107C
HSB71C
222.87
223.17
HSB70C
221.74
HSB86B
223.21
221.92
HSB111C
219.31
HSB109C
218.9
HSB108C
B
222.25
HSB113C
220.7
217.33
HSB68B
213.68
HSB145C
219.57
HSB110C
218.14
HSB68C
214.67
HSB139C
HSB117C
221.42
220.16
HSB137C
217.44
HSB136C
211.02
HSB84B
213.95
HSB84C
207.05
HSB135C
210.49
HSB127C
204.13
HSB126C
209.37
HSB143C
207.51
HSB151C
198.29
HSB142C
205.75
HSB129C
203.73
HSB131C
198.77
HSB152C
205.94
HSB140C
200.06
HSB130C
201.7
HSB148C



-81.70

-81.62

0 900 1800 2700

Scale 1:900 FT
1:274 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 2nd QUARTER '95

AQUIFER:

BARNWELL/McBEAN

NOTES:

POTENTIOMETRIC SURFACE

"NS" = Not Sampled

"*" = Wells Not Used to Contour

Contour Interval: 2 FT

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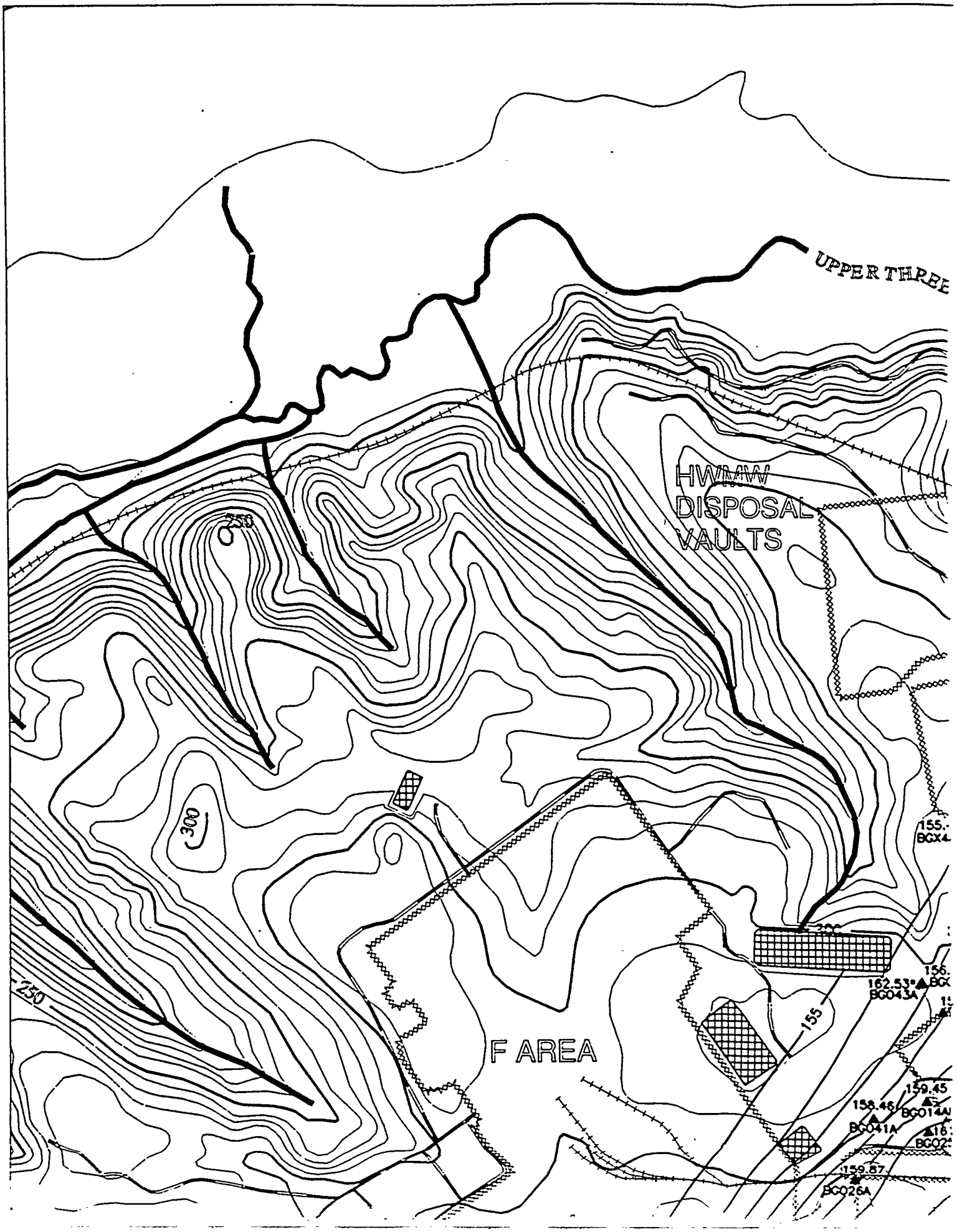
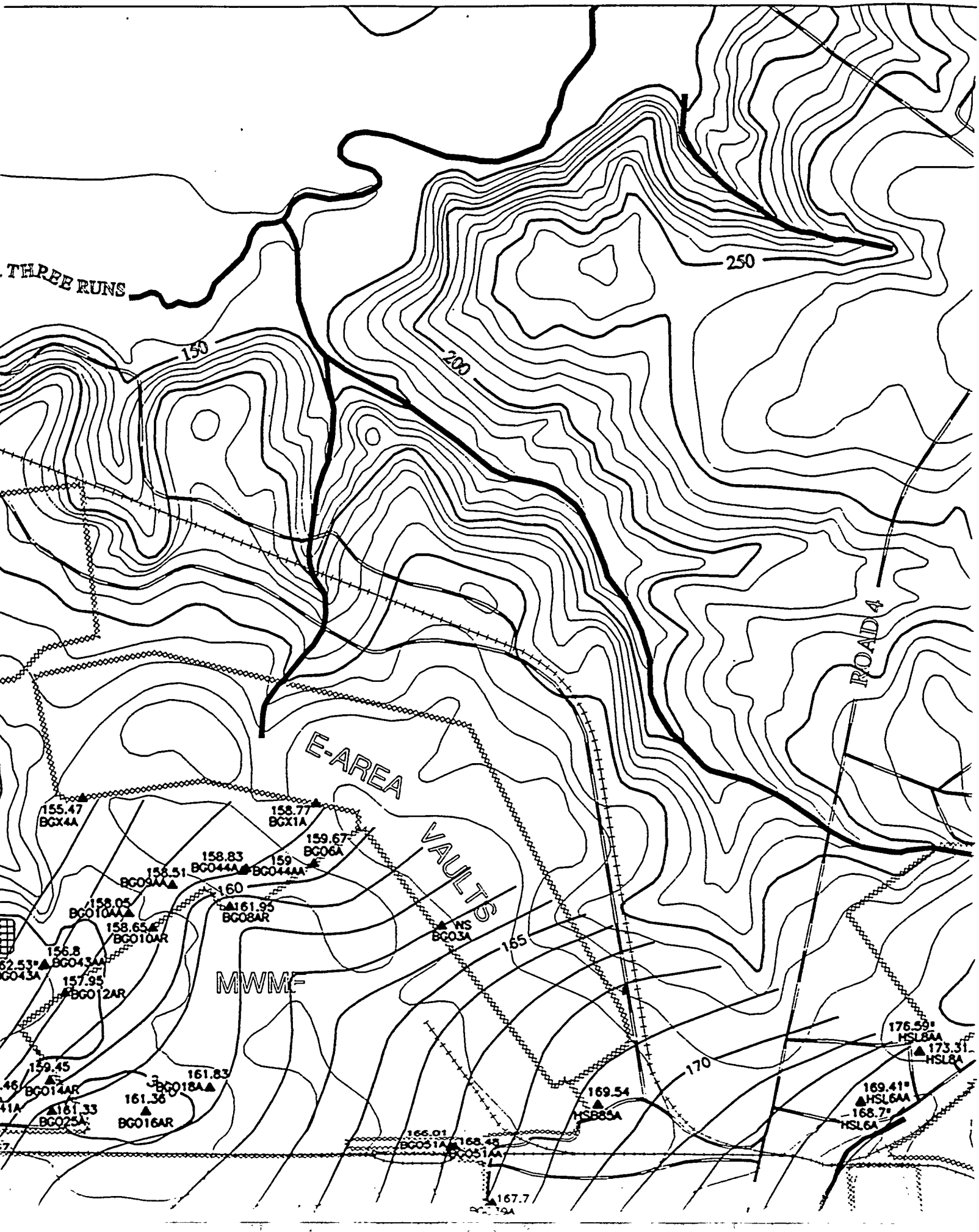
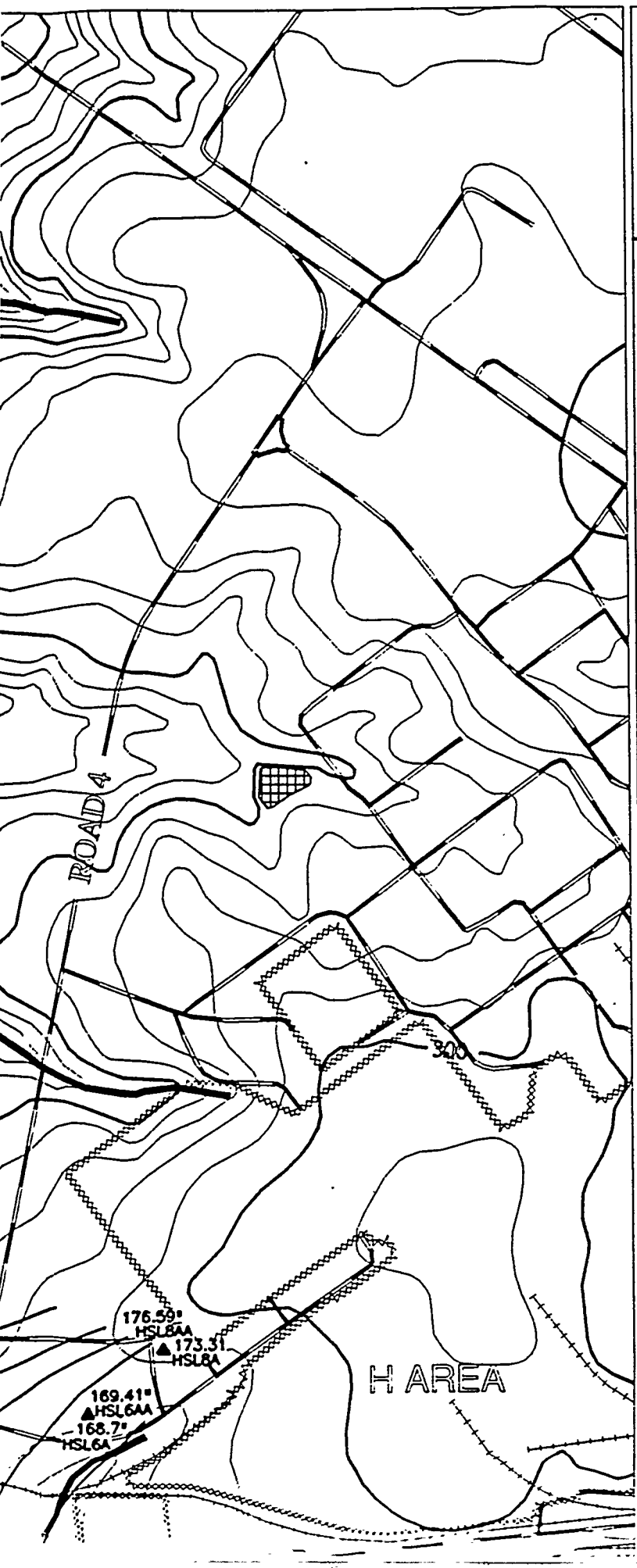

UPPER THREE
HWMW
DISPOSAL
VAULTS
250
300
150
155
F AREA
155.
BGX4
156.
162.53
BG043A
159.45
158.46
BG014A
BG041A
159.87
BG026A

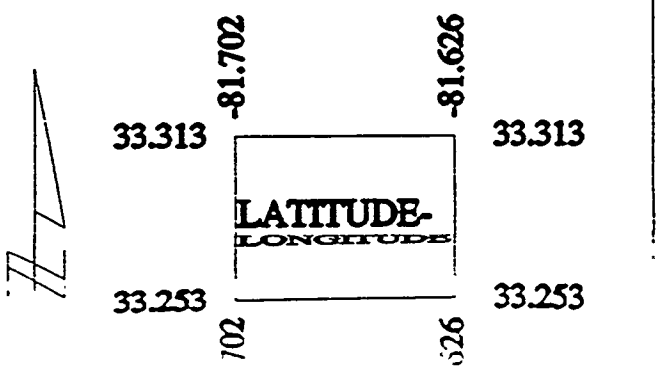

THREE RUNS
250
150
200
ROAD 4
E-AREA VAULTS
MWMF
155.47
BGX4A
158.77
BGX1A
159.67
BGC06A
158.83
BGC044A
159
BGC044AA
158.51
BGC09AA
160
158.05
BGC10AA
161.95
BGC08AR
158.65
BGC10AR
WS
BGC03A
155
156.8
BGC043AA
157.95
BGC012AR
159.45
BGC014AR
161.83
BGC018A
161.36
BGC016AR
161.33
BGC025A
166.01
BGC051A
168.45
BGC051AA
167.7
169.54
HSB85A
170
176.59
HSL8AA
173.31
HSL8A
169.41
HSL6AA
168.7
HSL6A

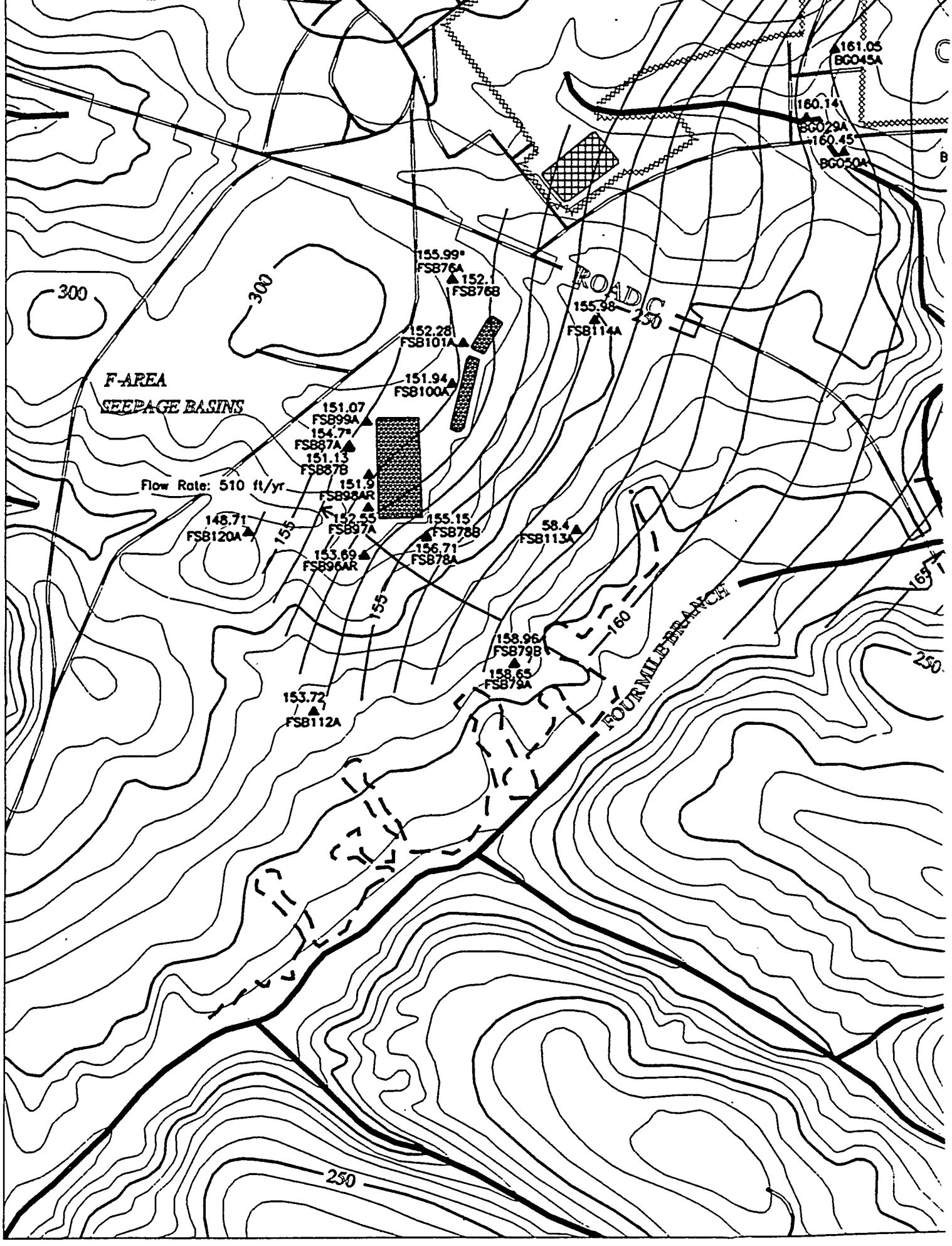


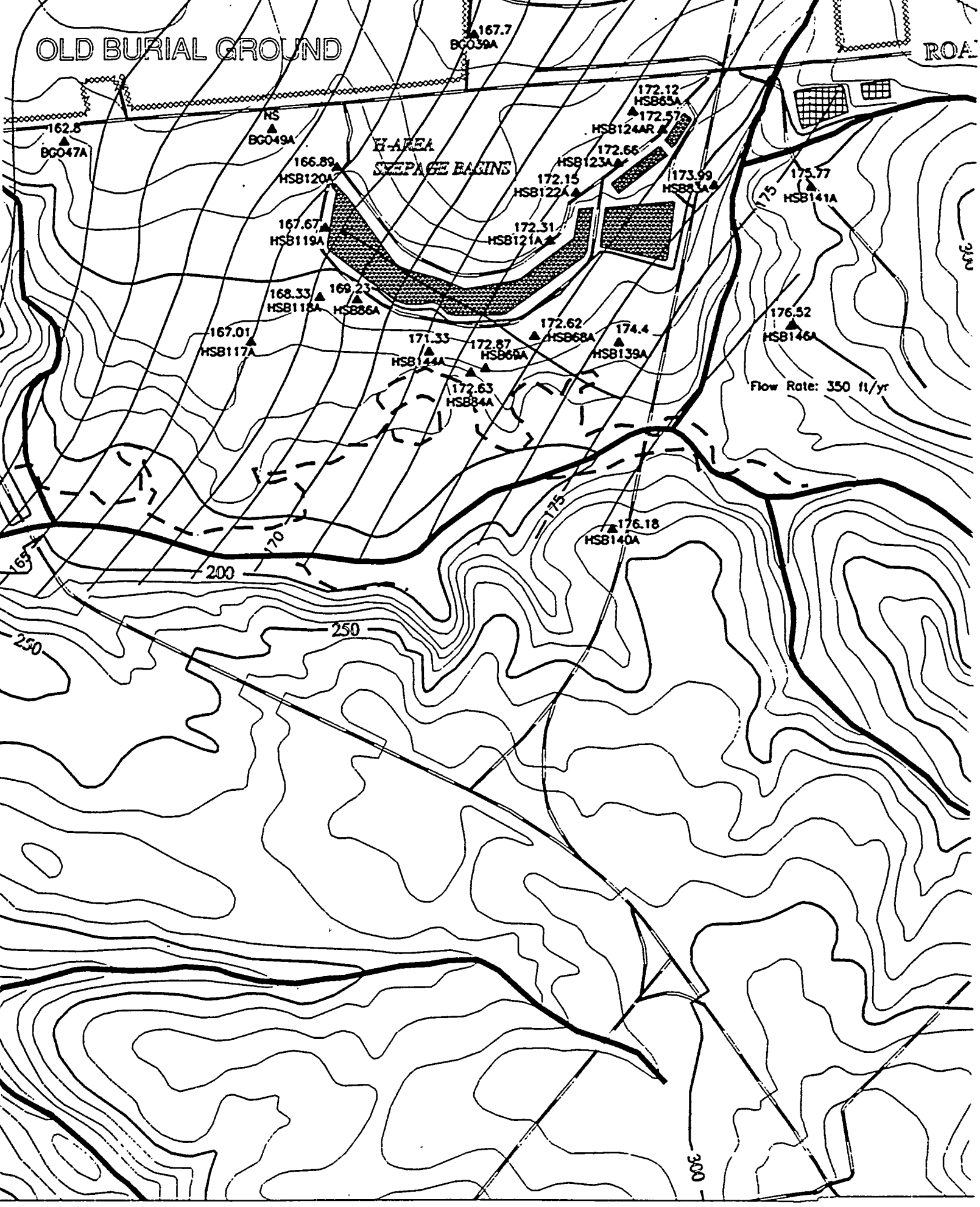
REFERENCE DOCUMENT

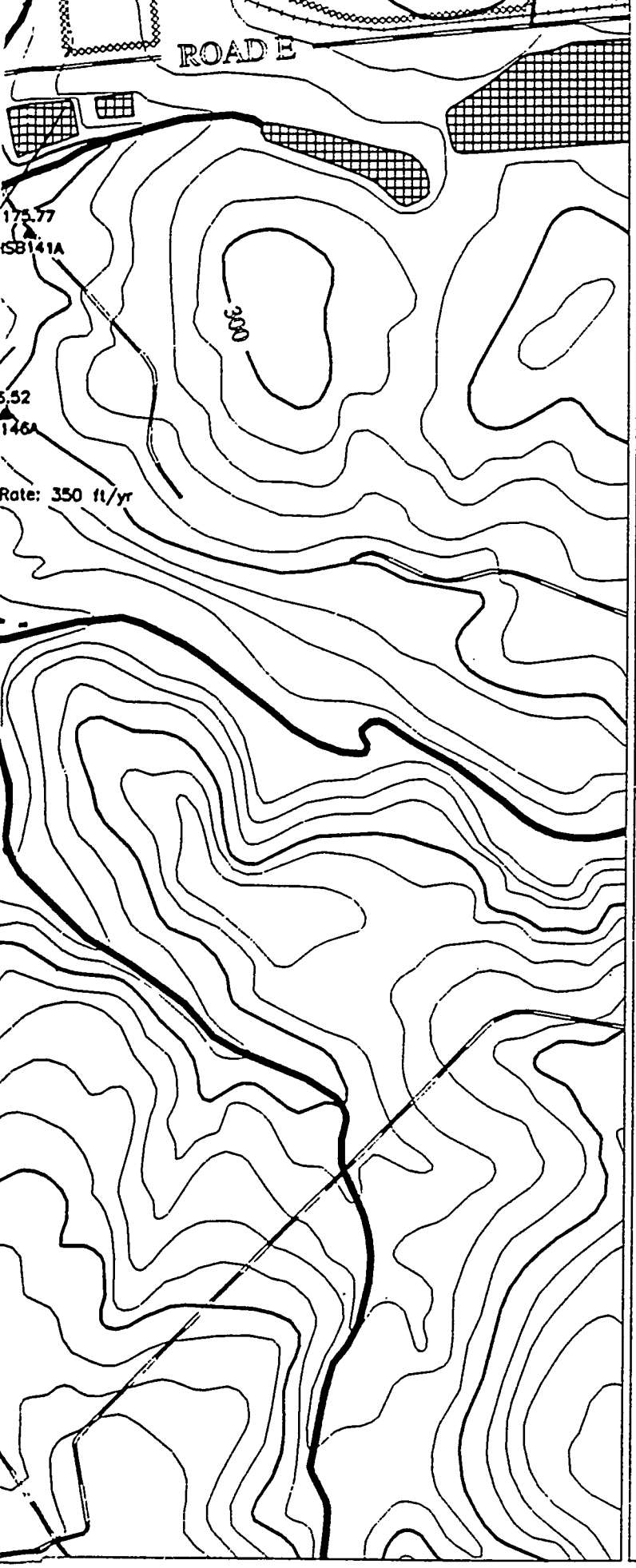
WSRC-TR-95-0146-2 F-Area Seepage Basins Groundwater Monitoring Report
WSRC-TR-95-0147-2 H-Area Seepage Basins Groundwater Monitoring Report

- 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




161.05
BG045A
160.14
BG029A
160.45
BG050A
155.99*
FSB76A
152.1
FSB76B
ROAD C
155.38
FSB114A
152.28
FSB101A
151.94
FSB100A
F-AREA
SEEPAGE BASINS
151.07
FSB99A
154.7*
FSB87A
151.13
FSB87B
Flow Rate: 510 ft/yr
151.9
FSB98AR
148.71
FSB120A
152.55
FSB97A
155.15
FSB78B
58.4
FSB113A
153.69
FSB96AR
156.71
FSB78A
158.96
FSB79B
158.65
FSB79A
153.72
FSB112A
FOUR MILE BRANCH
300
250
155
160
165


OLD BURIAL GROUND
H-AREA
SEEPAGE BASINS
167.7
BG039A
162.8
BG047A
NS
BG049A
166.89
HSB120A
167.67
HSB119A
168.33
HSB118A
169.23
HSB86A
167.01
HSB117A
171.33
HSB144A
172.87
HSB69A
172.63
HSB84A
172.12
HSB65A
172.57
HSB124AR
172.66
HSB123A
172.15
HSB122A
172.31
HSB121A
173.99
HSB83A
172.62
HSB68A
174.4
HSB139A
175.77
HSB141A
176.52
HSB146A
176.18
HSB140A
Flow Rate: 350 ft/yr
165
170
175
200
250
300



-81.702

-81.626

0 900 1800 2700

Scale 1:900 FT
1:274 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 1st QUARTER '95

AQUIFER:

CONGAREE

NOTES:

POTENTIOMETRIC SURFACE

"NS" = Not Sampled

"*" = Wells Not Used to Contour

Contour Interval: 1 FT

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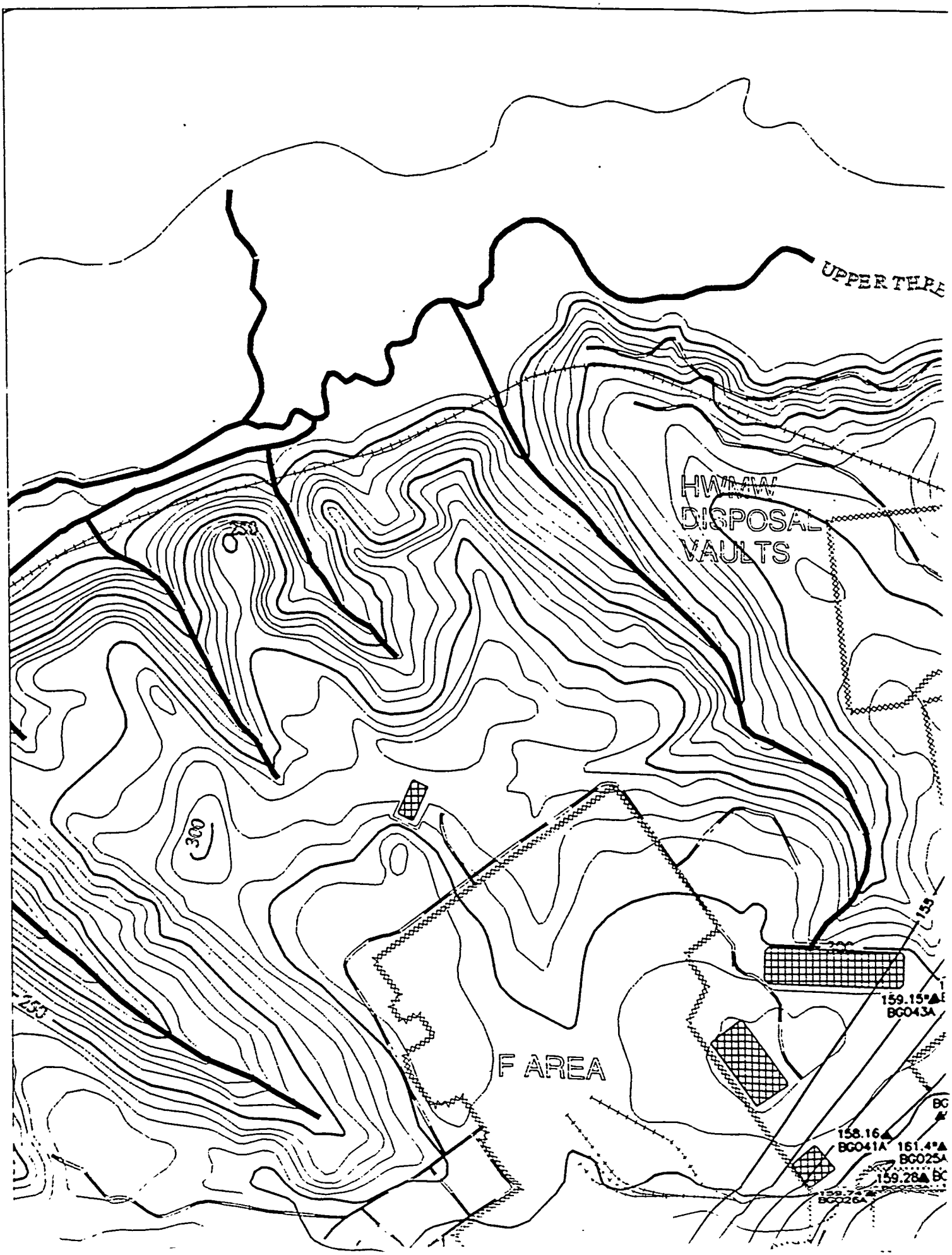
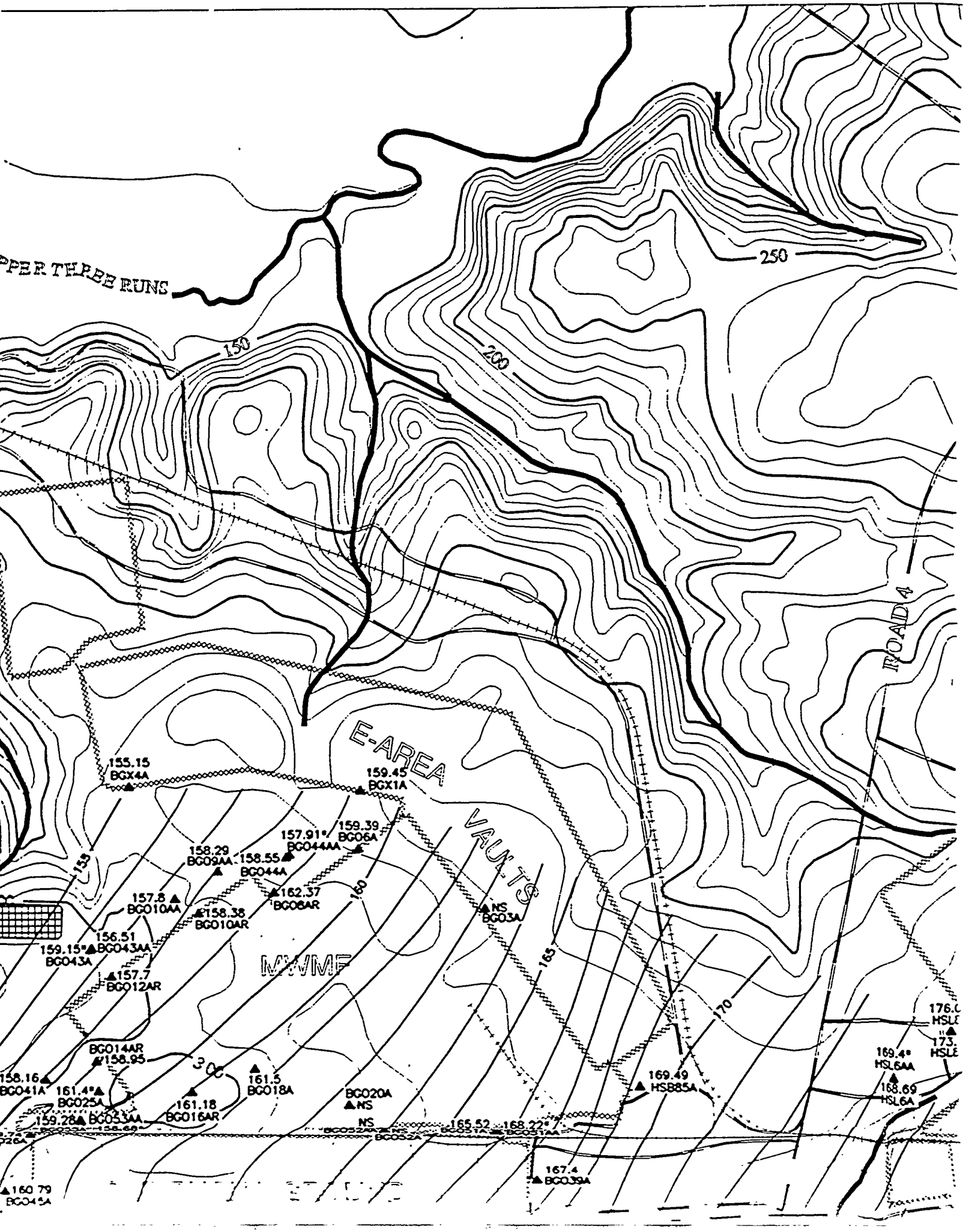
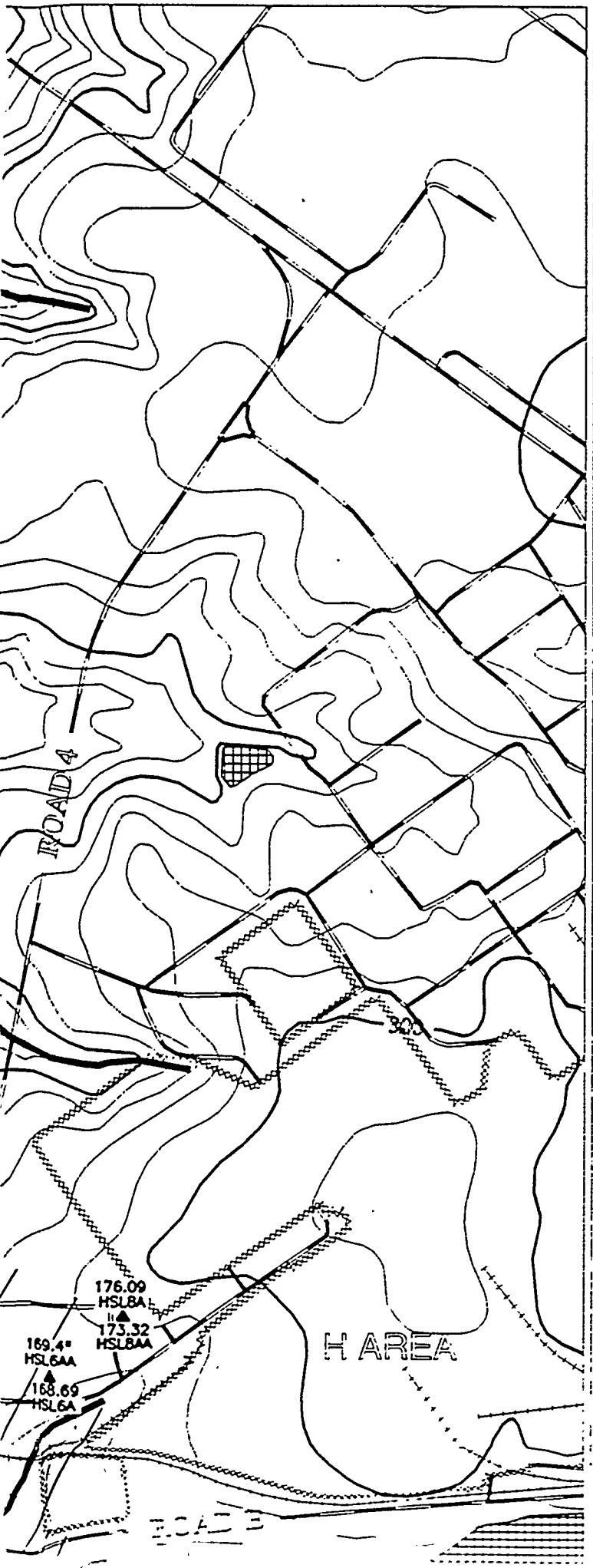

UPPER THRE
HW
DISPOSAL
VAULTS
250
300
155
159.15
BG043A
F AREA
158.16
BG041A
161.4
BG025A
159.28
BG026A


PPER THREE RUNS
250
150
200
ROAD 4
E-AREA
VAULTS
MWMF
155.15
BGX4A
159.45
BGX1A
159.39
BGO6A
157.91*
BGO44AA
158.29
BGO9AA
158.55
BGO44A
162.37
BGO6AR
157.8
BGO10AA
158.38
BGO10AR
NS
BGO3A
156.51
159.15*
BGO43AA
BGO43A
157.7
BGO12AR
BGO14AR
158.95
158.16
BGO41A
161.4*
BGO25A
159.28
BGO53AA
161.5
BGO18A
161.18
BGO16AR
BGO20A
NS
NS
165.52
168.22*
BGO52A
BGO51A
BGO51AA
169.49
HSB85A
169.4*
HSL6AA
168.69
HSL6A
167.4
BGO39A
160.79
BGO45A
155
160
165
170
30

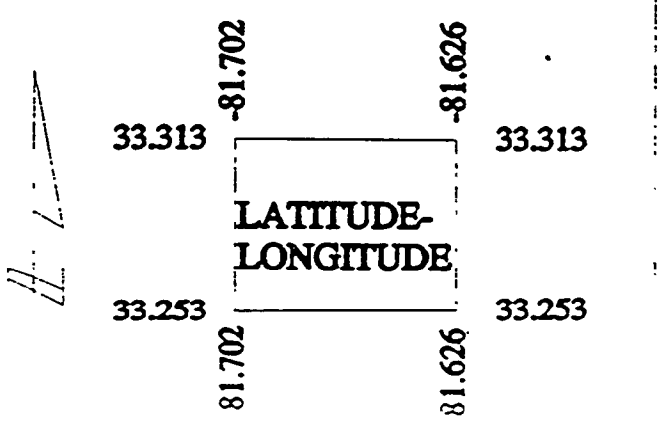


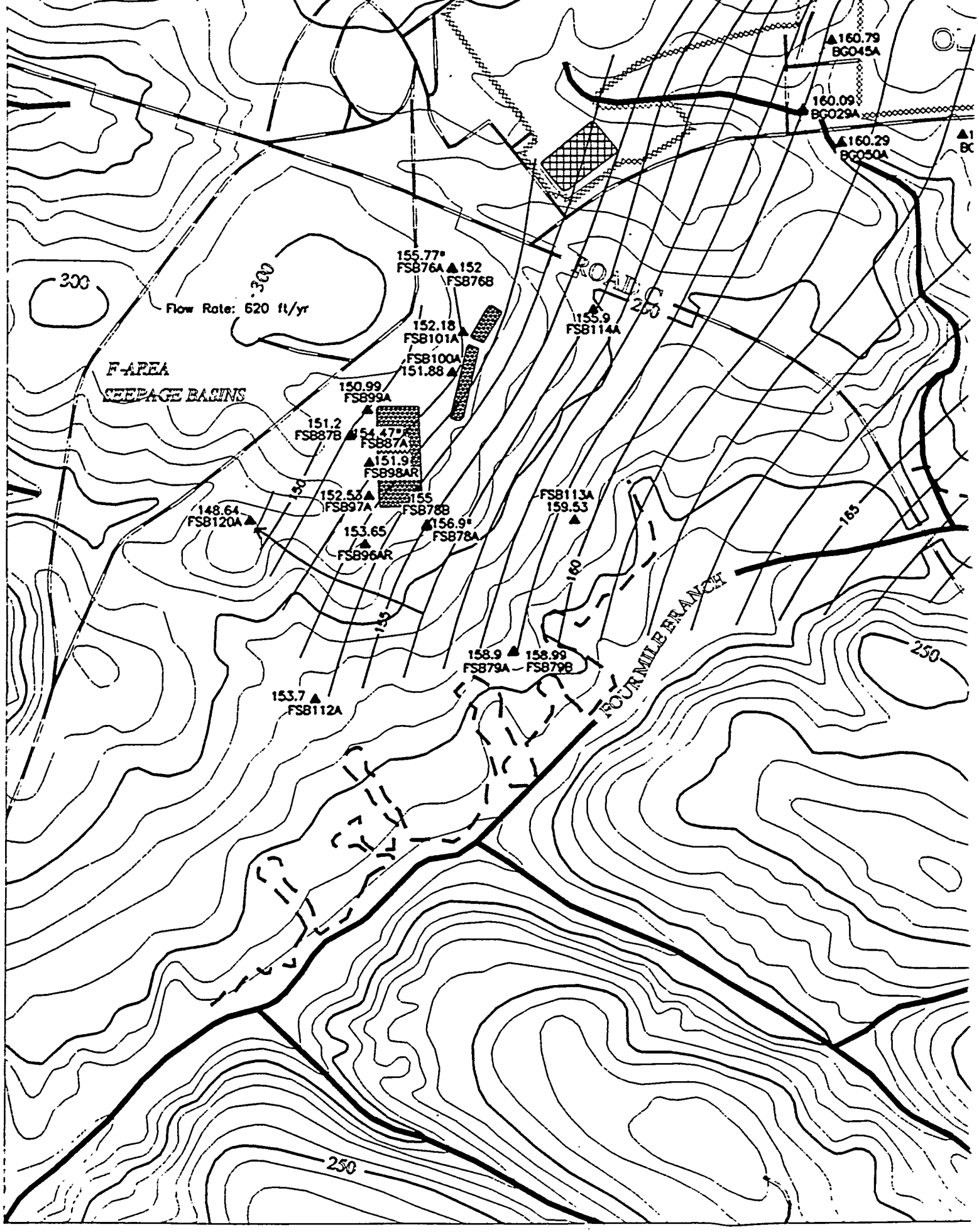
REFERENCE DOCUMENT

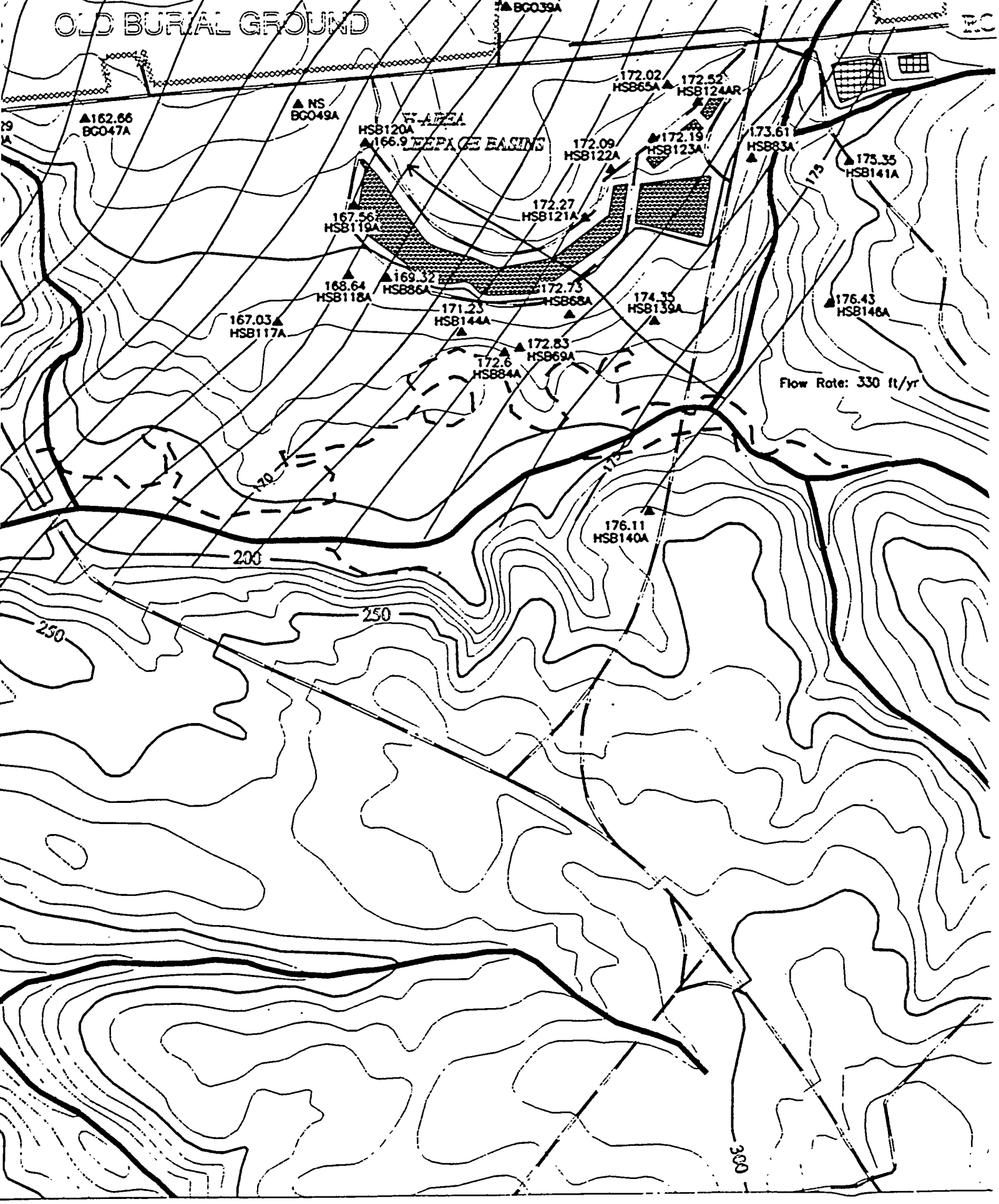
WSRC-TR-95-0146-2 F-Area Seepage Basins Groundwater Monitoring Report

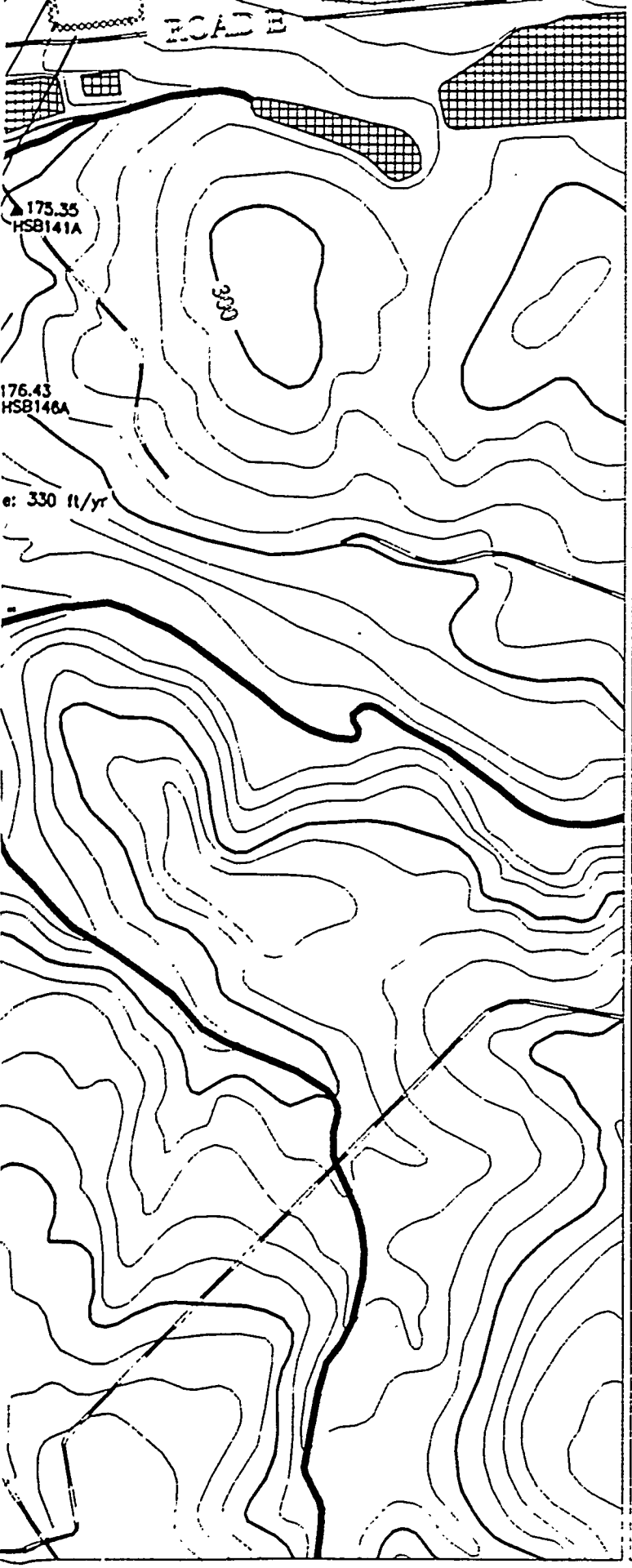
WSRC-TR-95-0147-2 H-Area Seepage Basins Groundwater Monitoring Report

- 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




160.79
BG045A
160.09
BG029A
160.29
BG050A
155.77*
FSB76A
152
FSB76B
300
Flow Rate: 620 ft/yr
ROAD C
155.9
FSB114A
152.18
FSB101A
FSB100A
151.88
F-AREA
SEEPAGE BASINS
150.99
FSB99A
151.2
FSB87B
154.47*
FSB87A
151.9
FSB98AR
152.53
FSB97A
155
FSB78B
148.64
FSB120A
153.65
FSB96AR
156.9*
FSB78A
FSB113A
159.53
165
160
155
158.9
FSB79A
158.99
FSB79B
FOUR MILE BRANCH
153.7
FSB112A
250
250


OLD BURIAL GROUND
BG039A
172.02
HSB85A
172.52
HSB124AR
NS
BG049A
162.66
BG047A
H-AREA
SEEPAGE BASINS
HSB120A
166.9
172.09
HSB122A
172.19
HSB123A
173.61
HSB83A
175.35
HSB141A
172.27
HSB121A
167.56
HSB119A
168.64
HSB118A
169.32
HSB86A
172.73
HSB68A
174.35
HSB139A
176.43
HSB146A
171.23
HSB144A
167.03
HSB117A
172.83
HSB69A
172.6
HSB84A
Flow Rate: 330 ft/yr
176.11
HSB140A
200
250
250
300



-81.70

-81.62

0 900 1800 2700

Scale 1:900 FT
1:274 M

TITLE:

SAVANNAH RIVER SITE GENERAL SEPARATIONS AREA 2nd QUARTER '95

AQUIFER:

CONGAREE

NOTES:

POTENTIOMETRIC SURFACE

"NS" = Not Sampled

"*" = Wells Not Used to Contour

Contour Interval: 1 FT

EPD GIS Lab (803)725-1417