

FIGURE 8-16
LAYER 6
BOUNDARY CONDITIONS



Date:	OCTOBER 2002
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File:	BND-COND.dwg

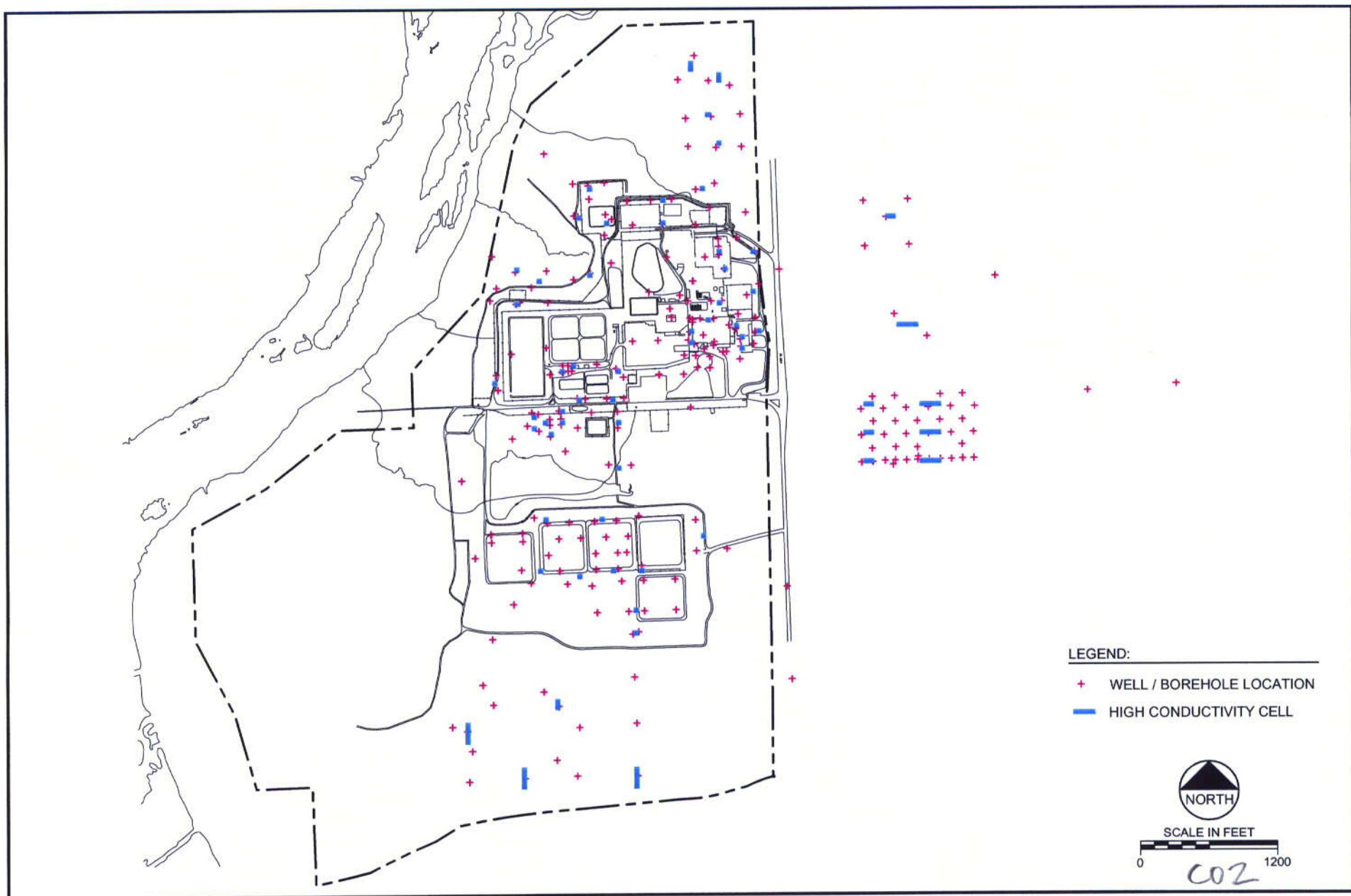


FIGURE 8-17
LOCATION OF
HIGH CONDUCTIVITY CELLS

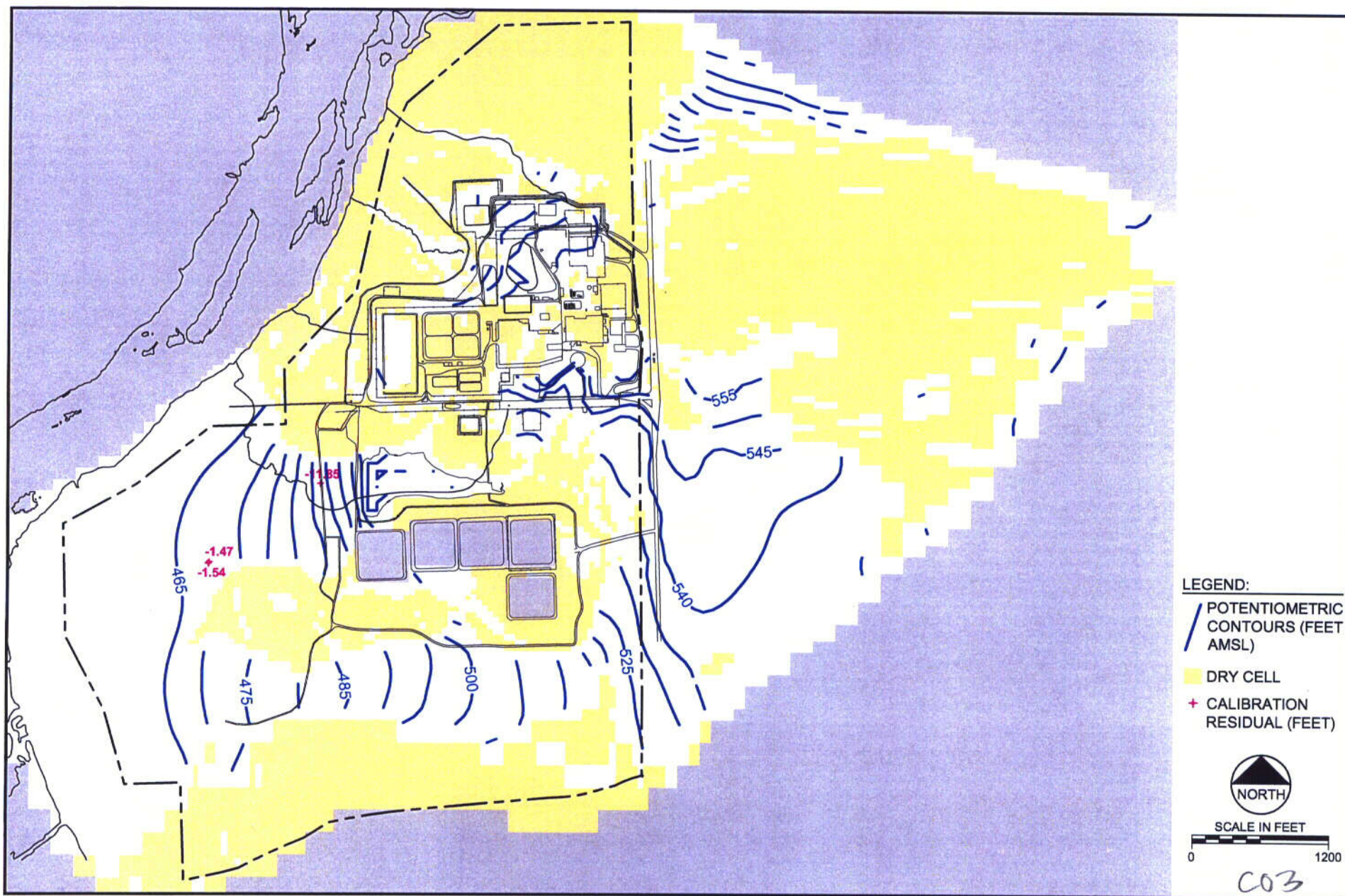


FIGURE 8-18
LAYER 1
CALIBRATED HEADS



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Project: 100734\REVISED-20\

File: CAL-HEADS.dwg

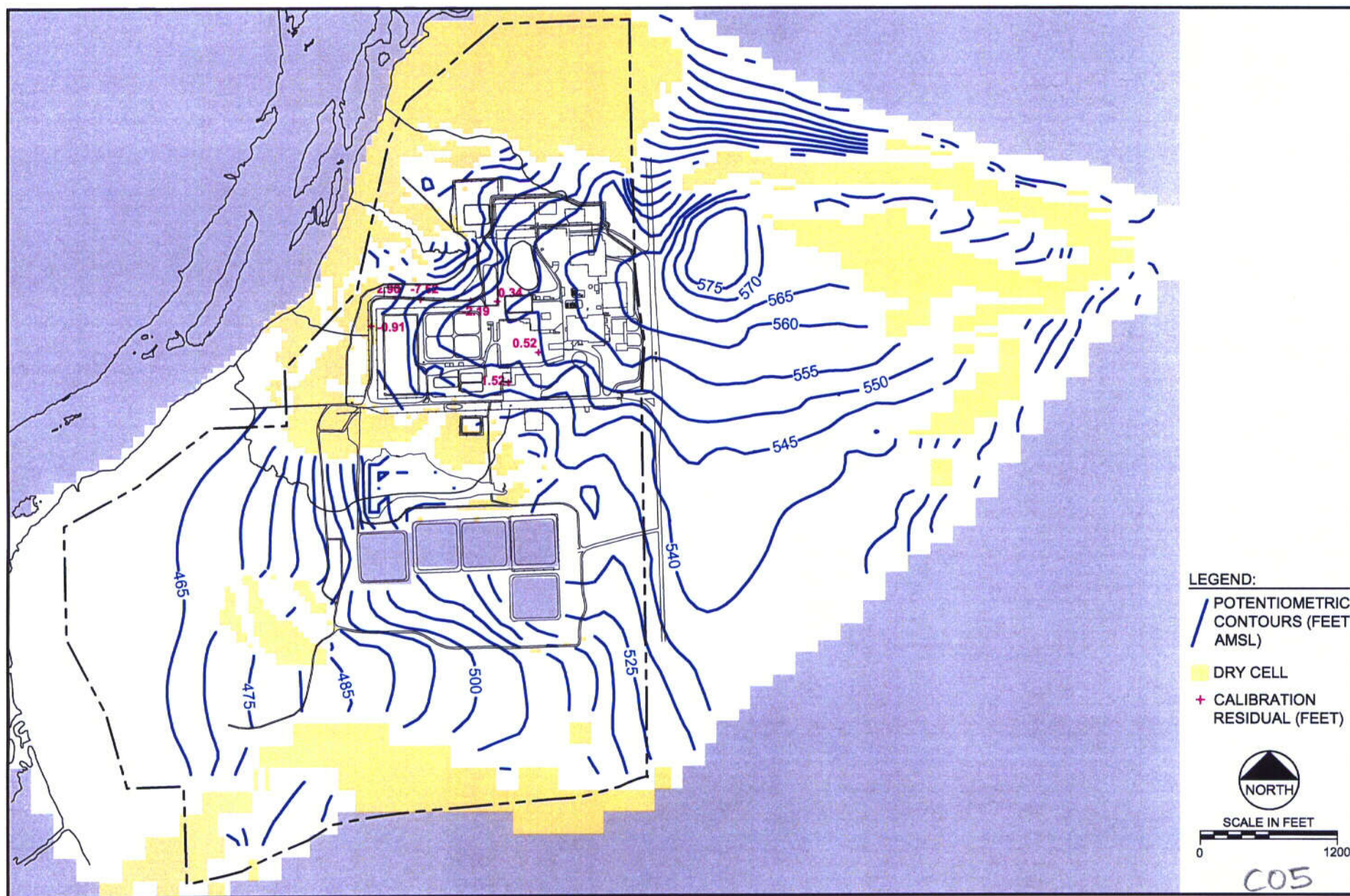


FIGURE 8-20
LAYER 3
CALIBRATED HEADS

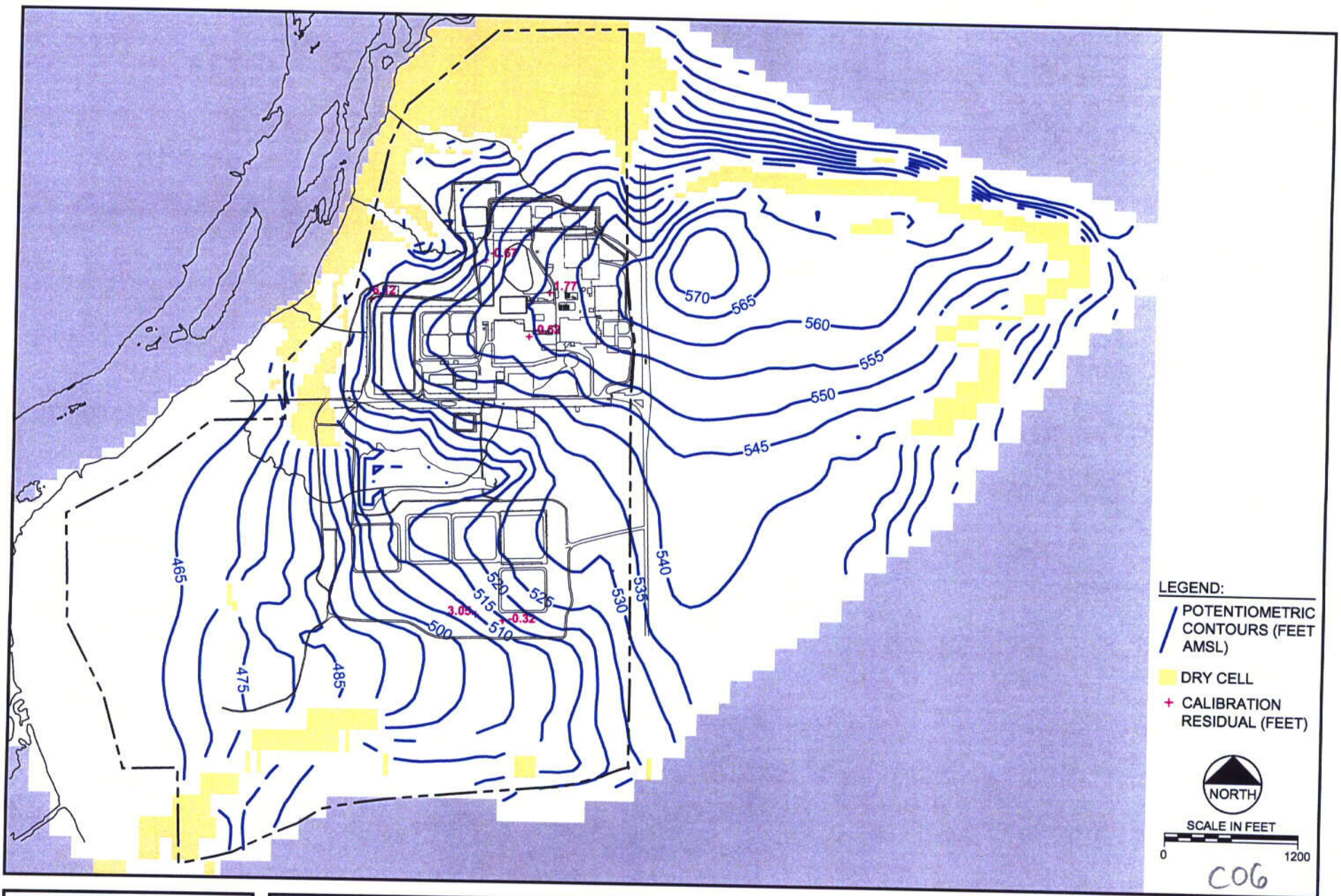


FIGURE 8-21
LAYER 4
CALIBRATED HEADS

Date: OCTOBER 2002
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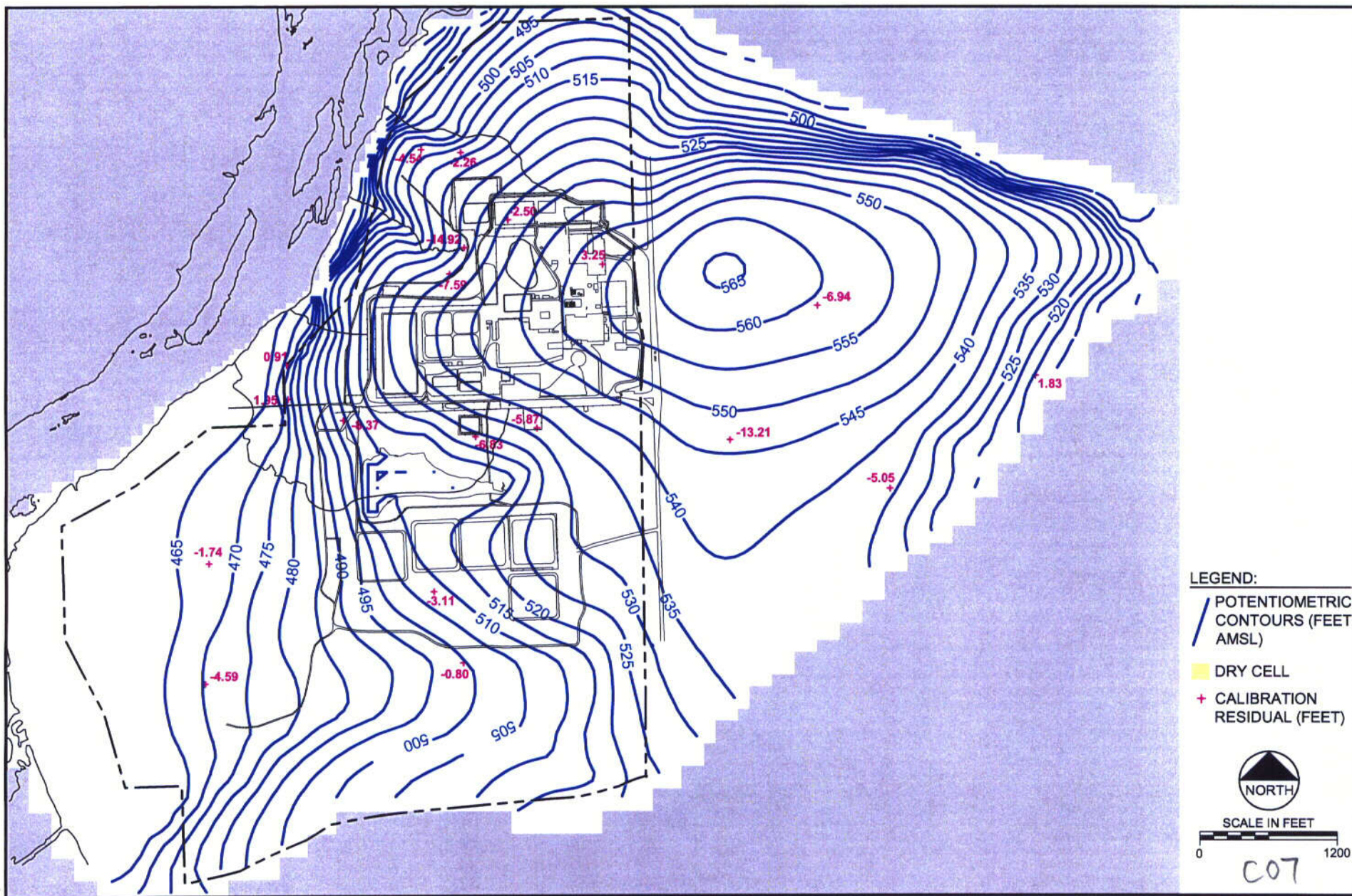
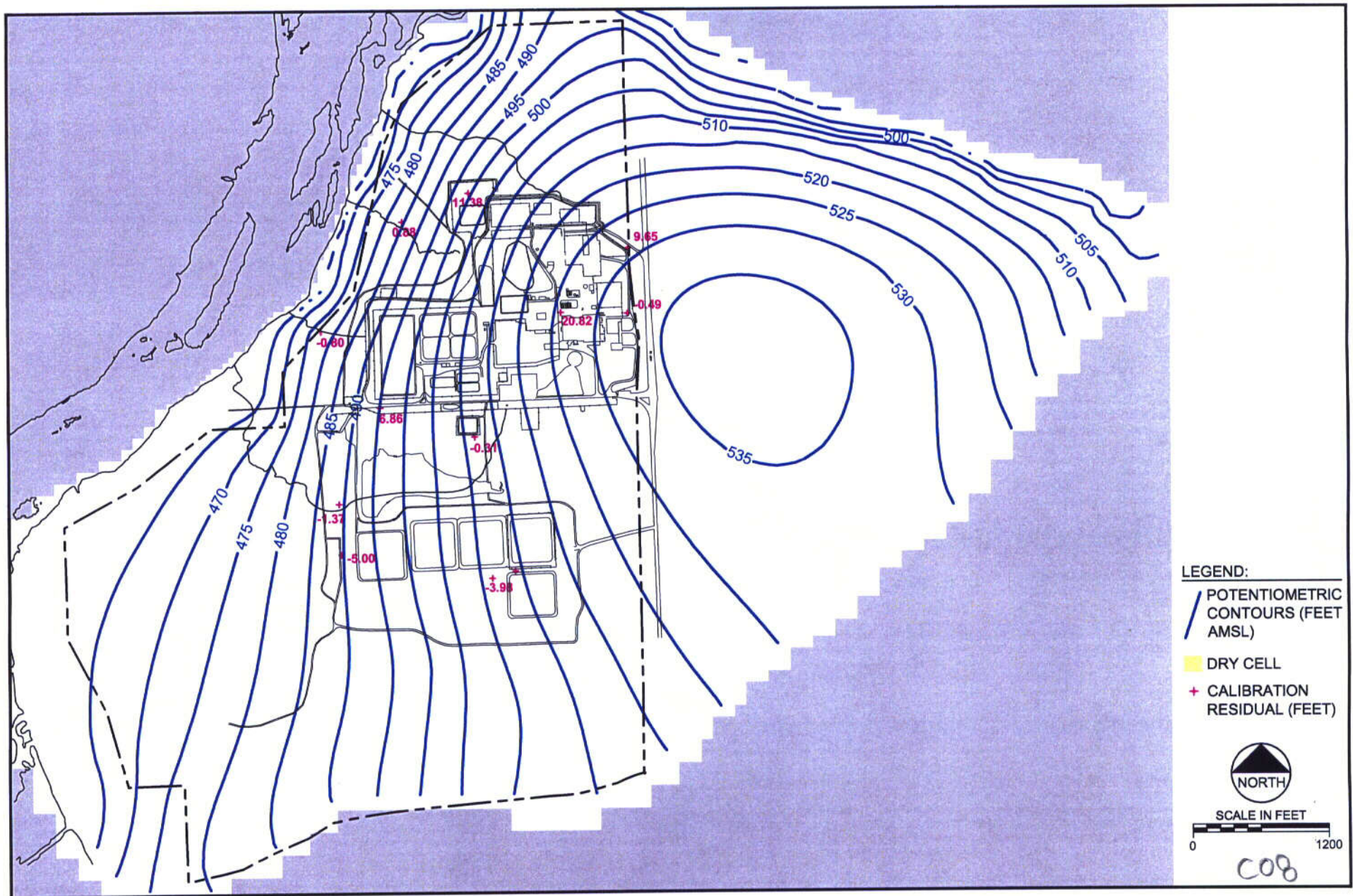


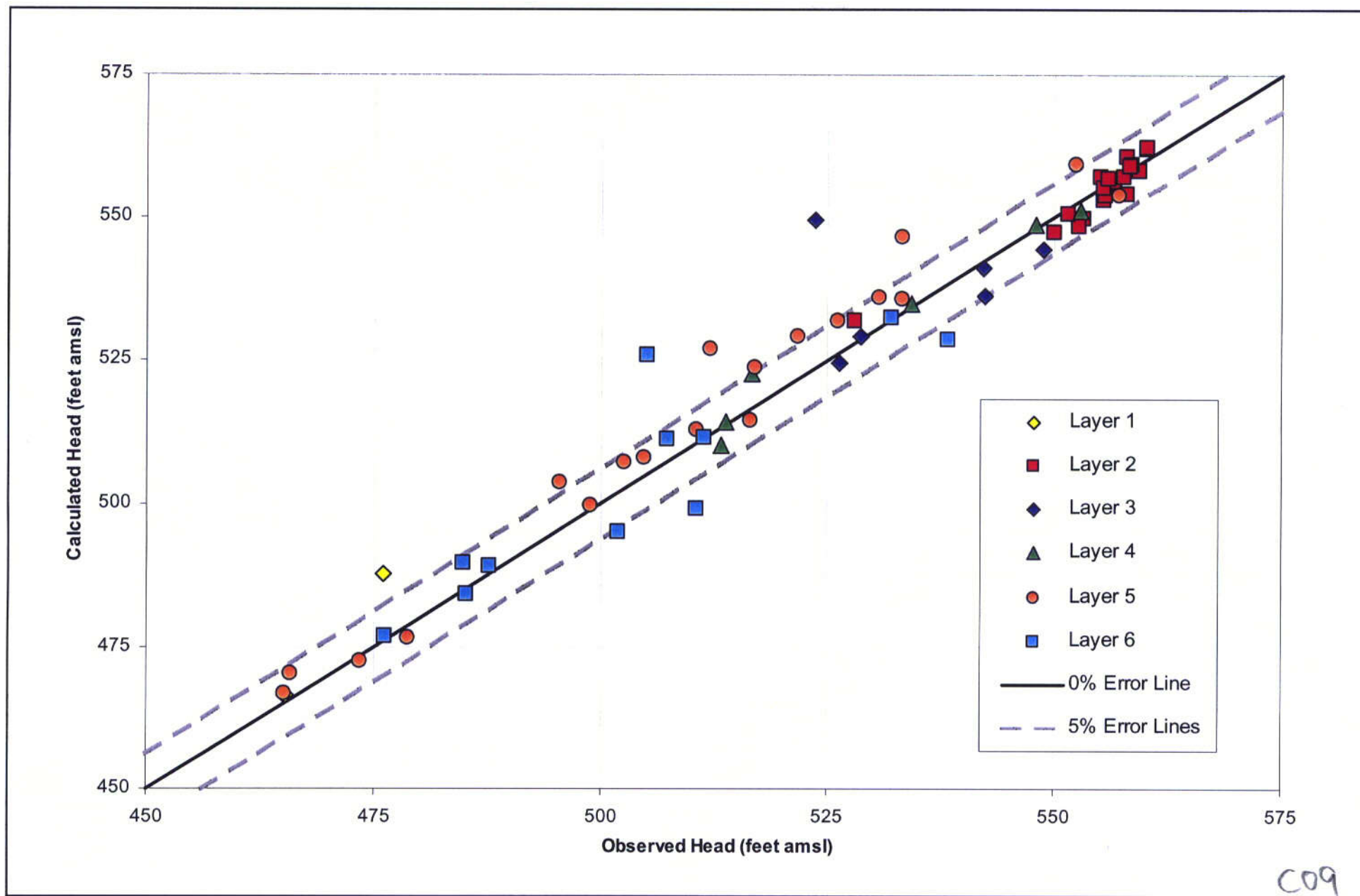
FIGURE 8-22
LAYER 5
CALIBRATED HEADS



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Project: 100734\REVISED-20*
File: CAL-HEADS.dwg





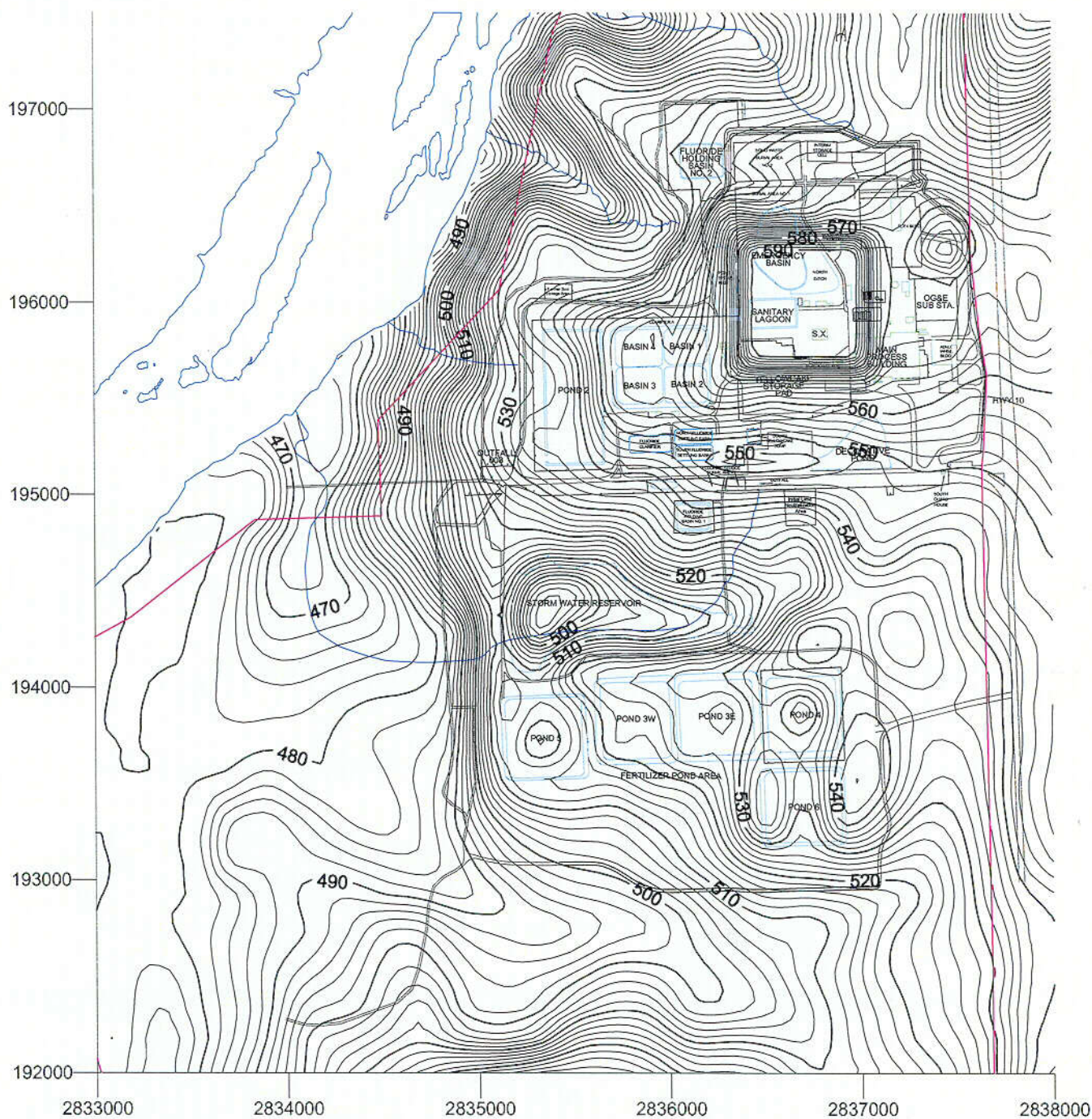
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FIGURE 8-24
OBSERVED VS CALCULATED HEADS

Date: OCTOBER 2002

Project: P:\100734-2\REV CHAR RPT

File: SECTION8LAND.ppt



Elevations in feet above mean sea level.
Contour interval = 2 feet

C10



FIGURE 8-25
POST DECOMMISSIONING
TOPOGRAPHY

Date:	OCTOBER 2002
Project:	P:\100734-2\REV RPT
File:	SECTION8.ppt

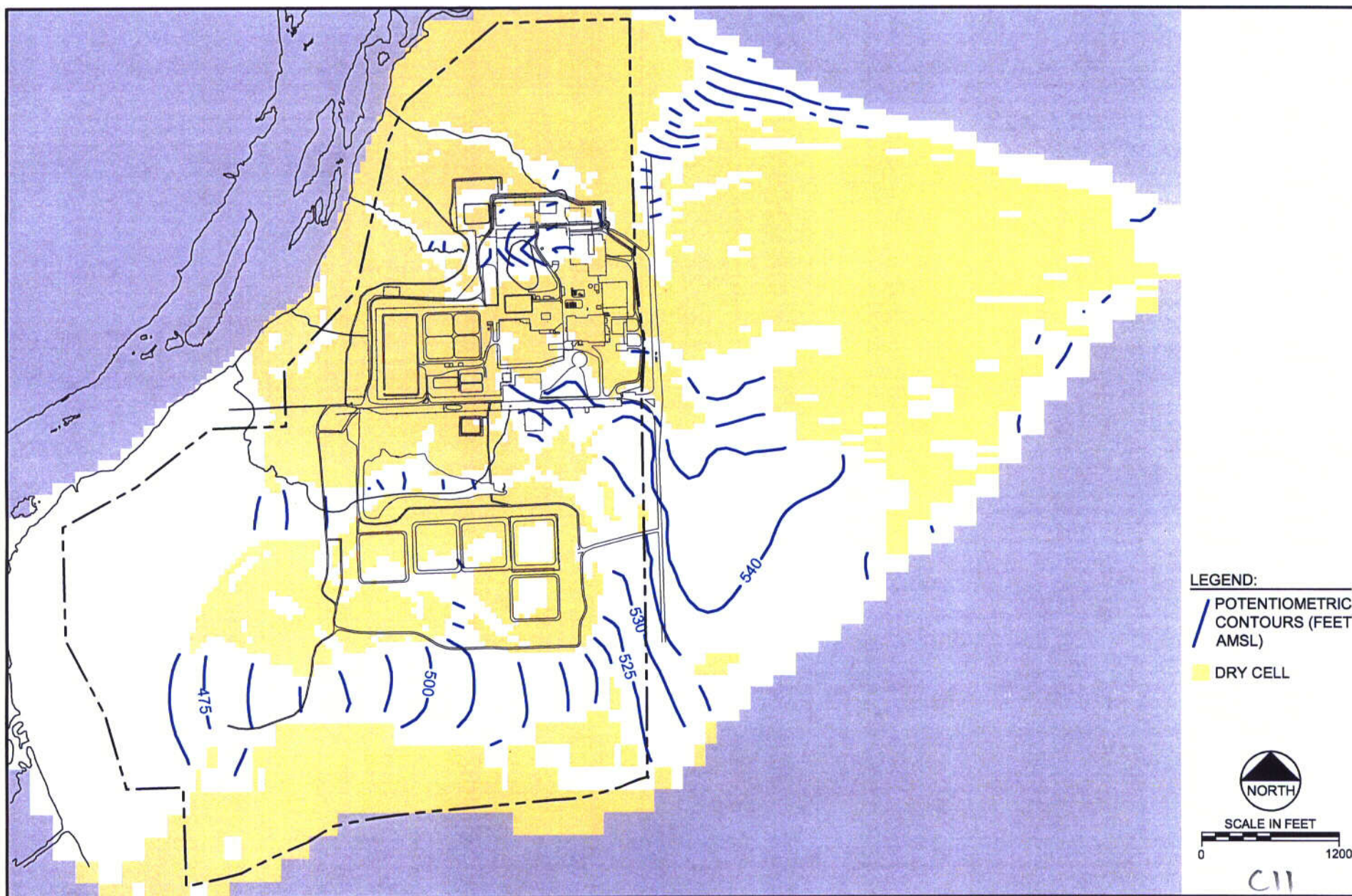


FIGURE 8-26
LAYER 1
LONG-TERM HEADS

Date: OCTOBER 2002
Project: 100734\REVISED-20\1
File: LONG-TERM.dwg



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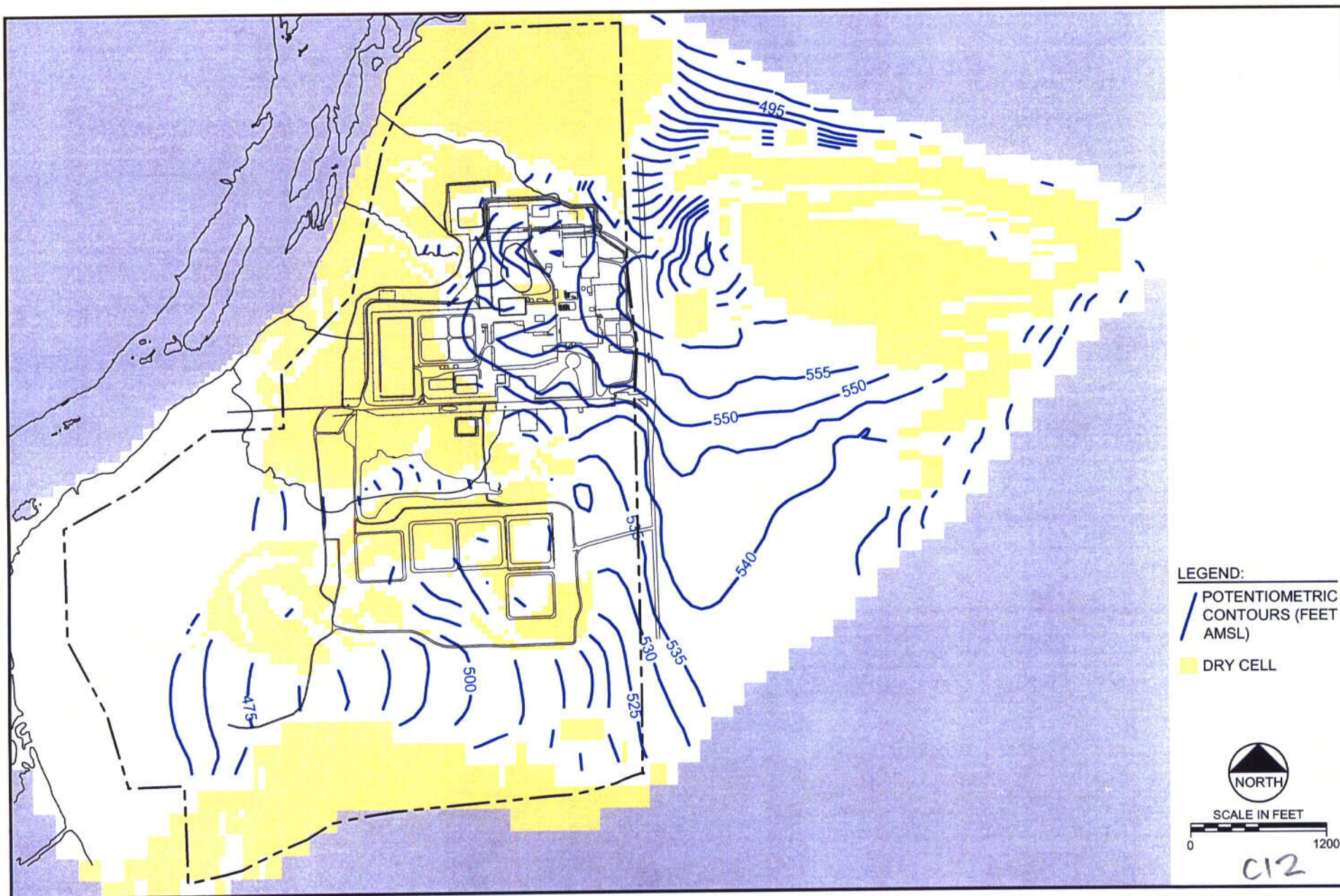


FIGURE 8-27
LAYER 2
LONG-TERM HEADS



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Date:	OCTOBER 2002
Project:	100734\REVISED-20\
File:	LONG-TERM.dwg

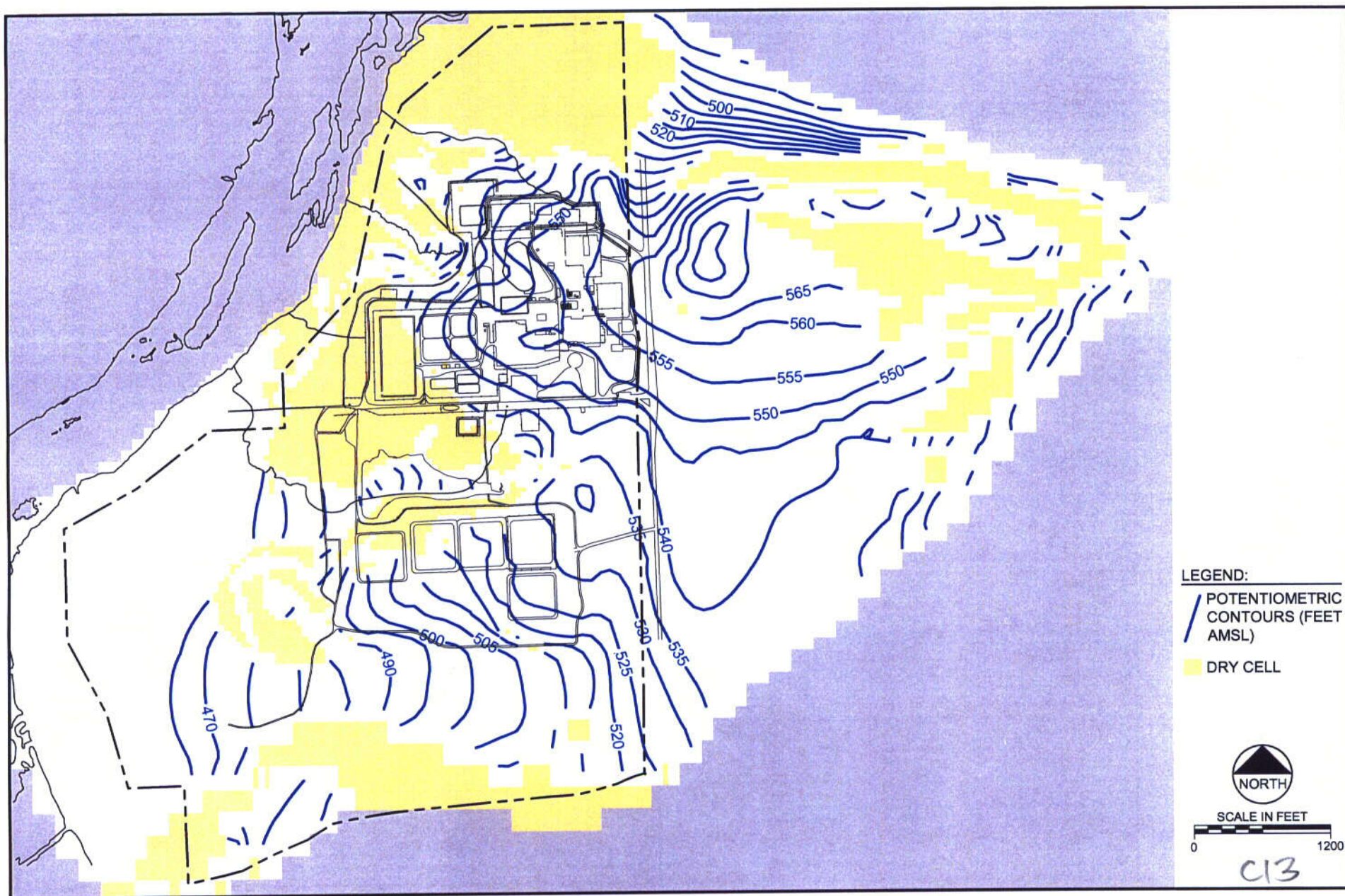


FIGURE 8-28
LAYER 3
LONG-TERM HEADS



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 File: LONG-TERM.dwg

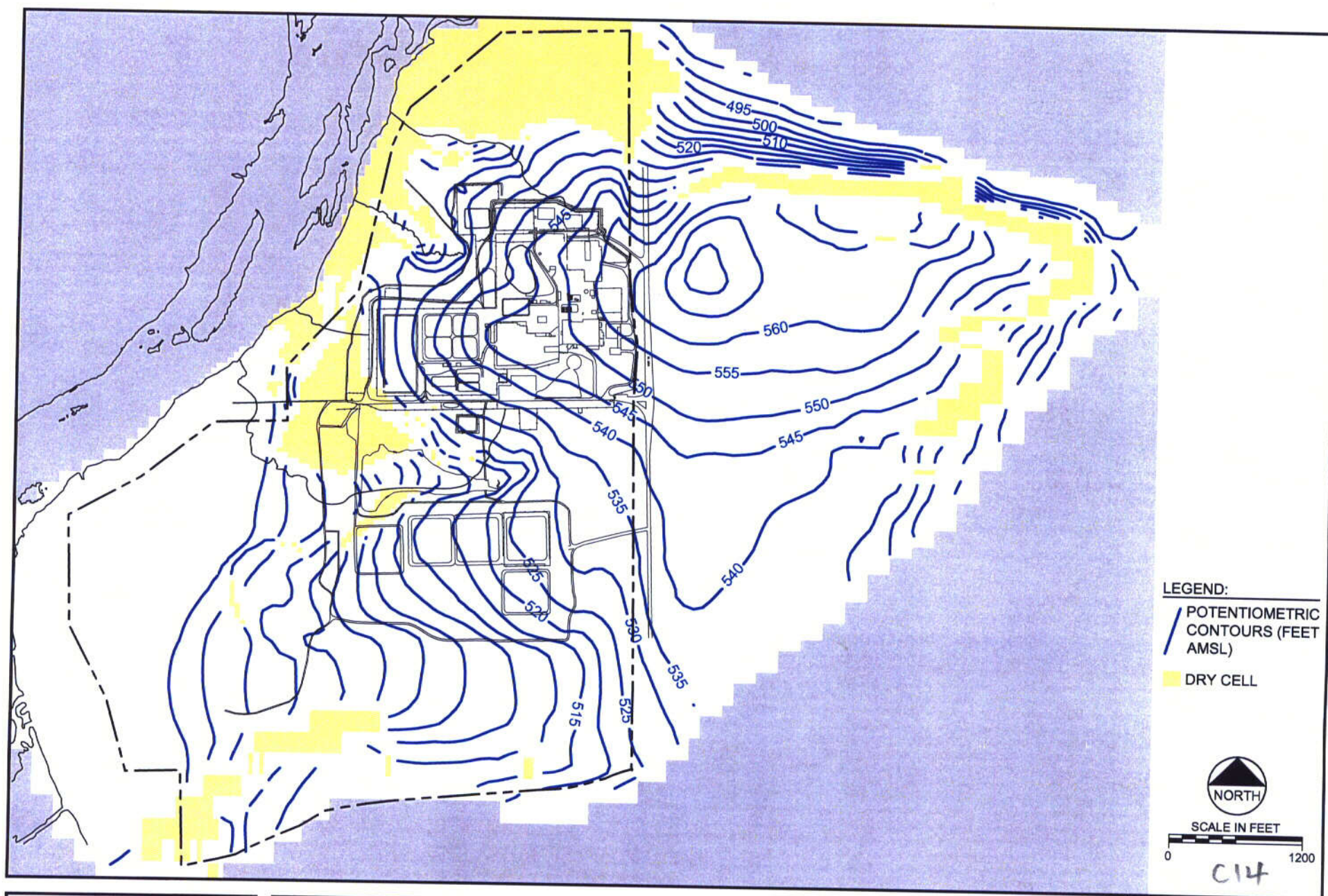


FIGURE 8-29
LAYER 4
LONG-TERM HEADS

Date:	OCTOBER 2002
Project:	100734\REVISED-20*
File:	LONG-TERM.dwg

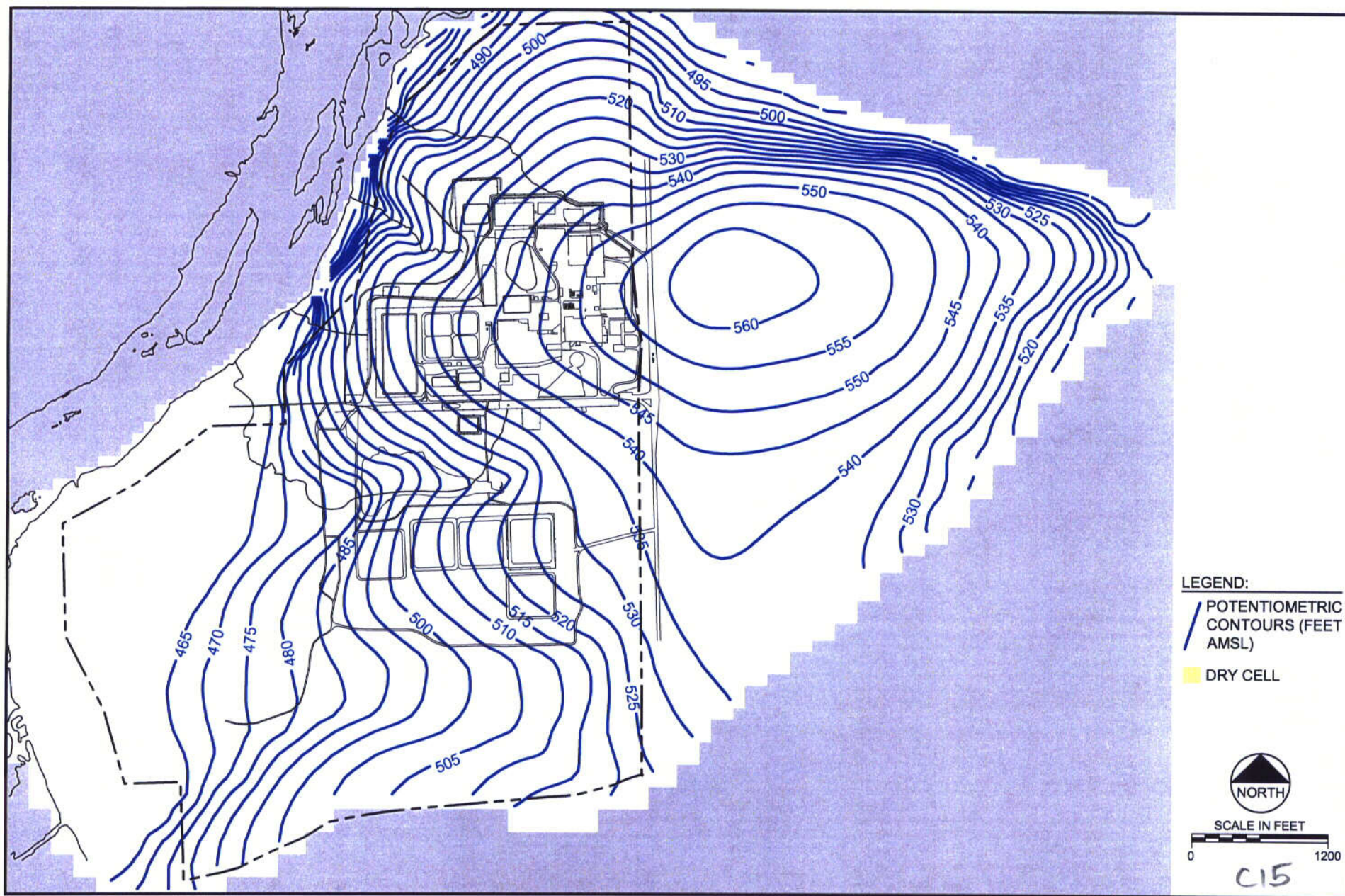


FIGURE 8-30
LAYER 5
LONG-TERM HEADS

Date: OCTOBER 2002
 Project: 100734\REVISED-20*1
 File: LONG-TERM.dwg



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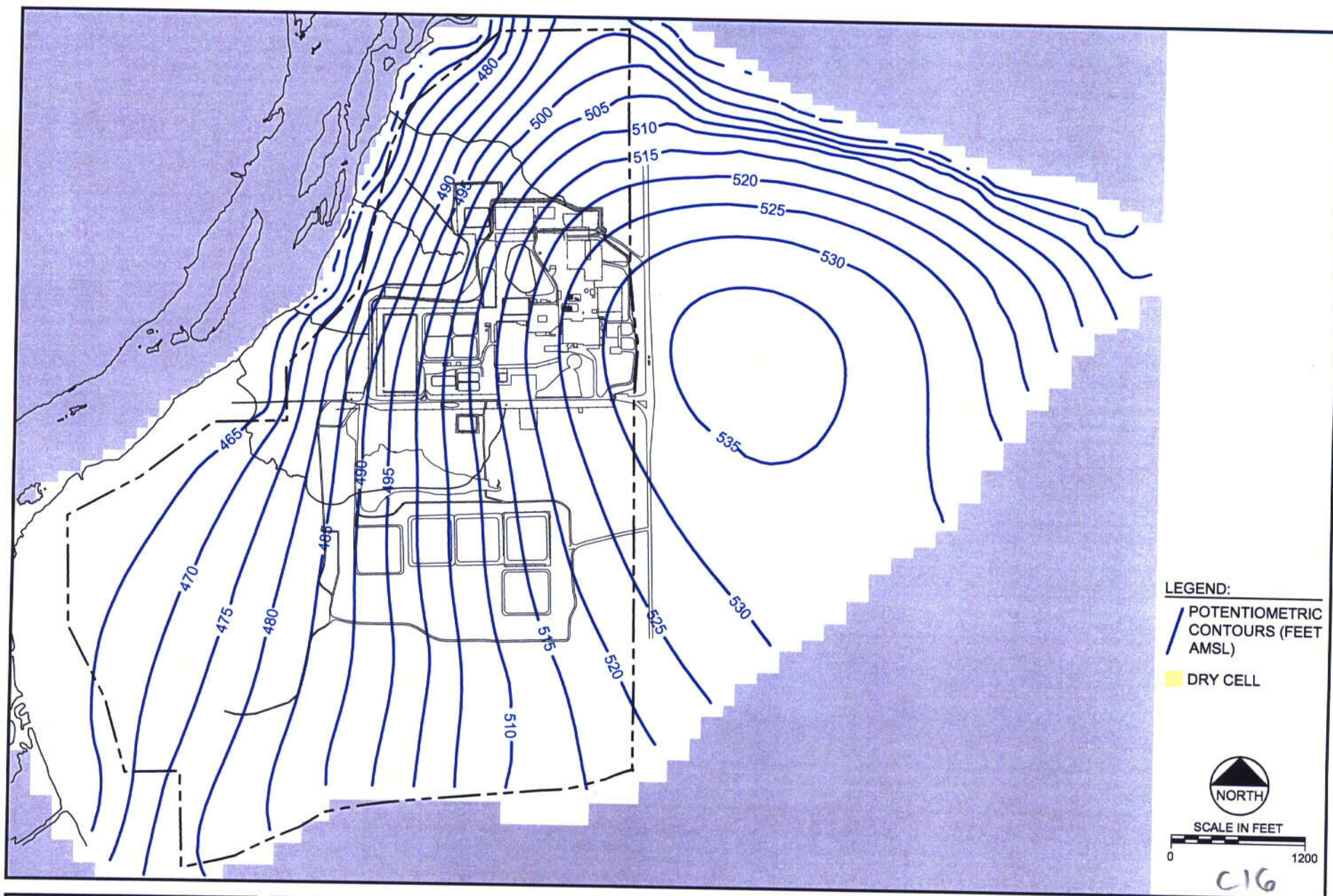


FIGURE 8-31
LAYER 6
LONG-TERM HEADS

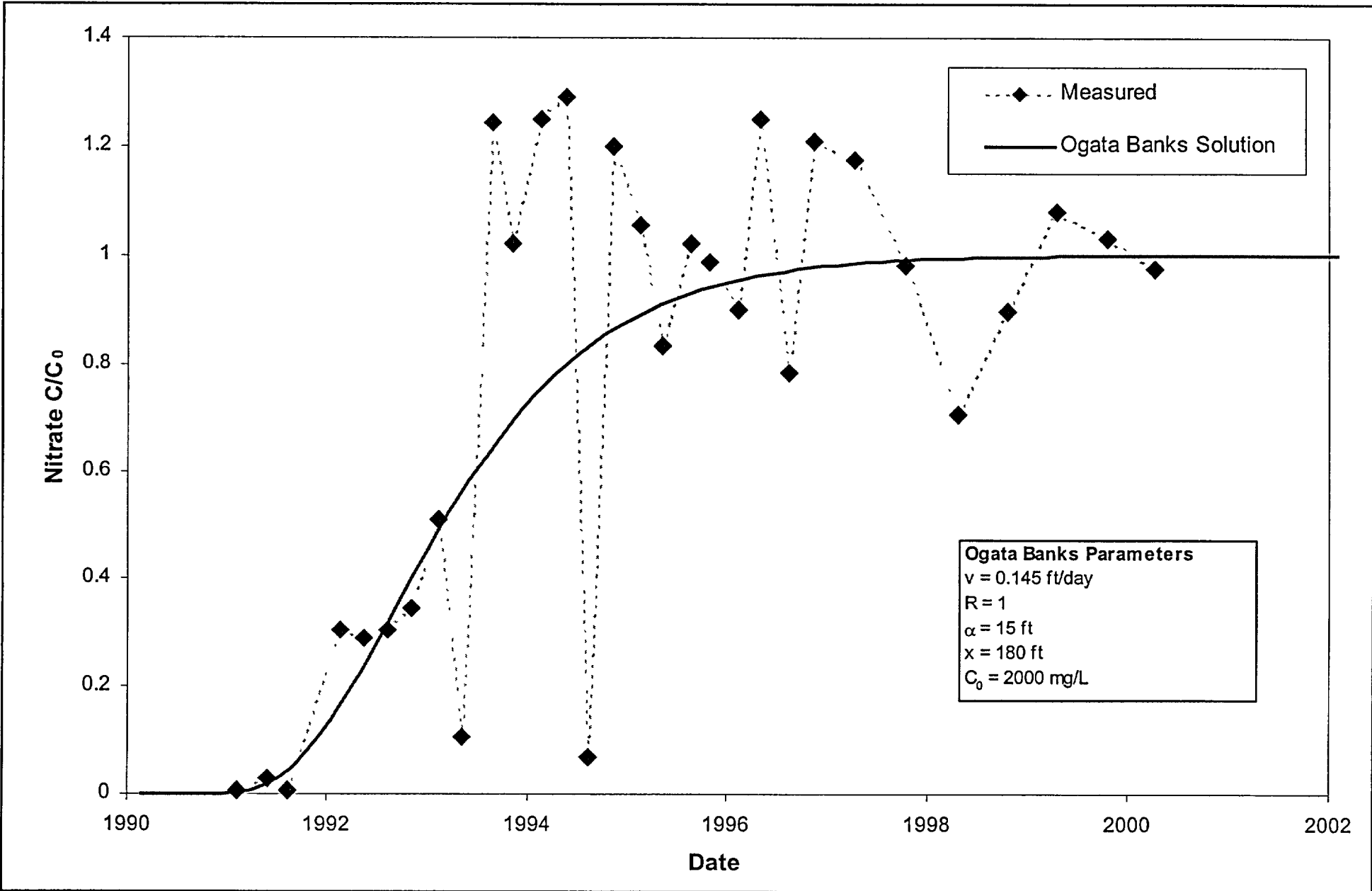
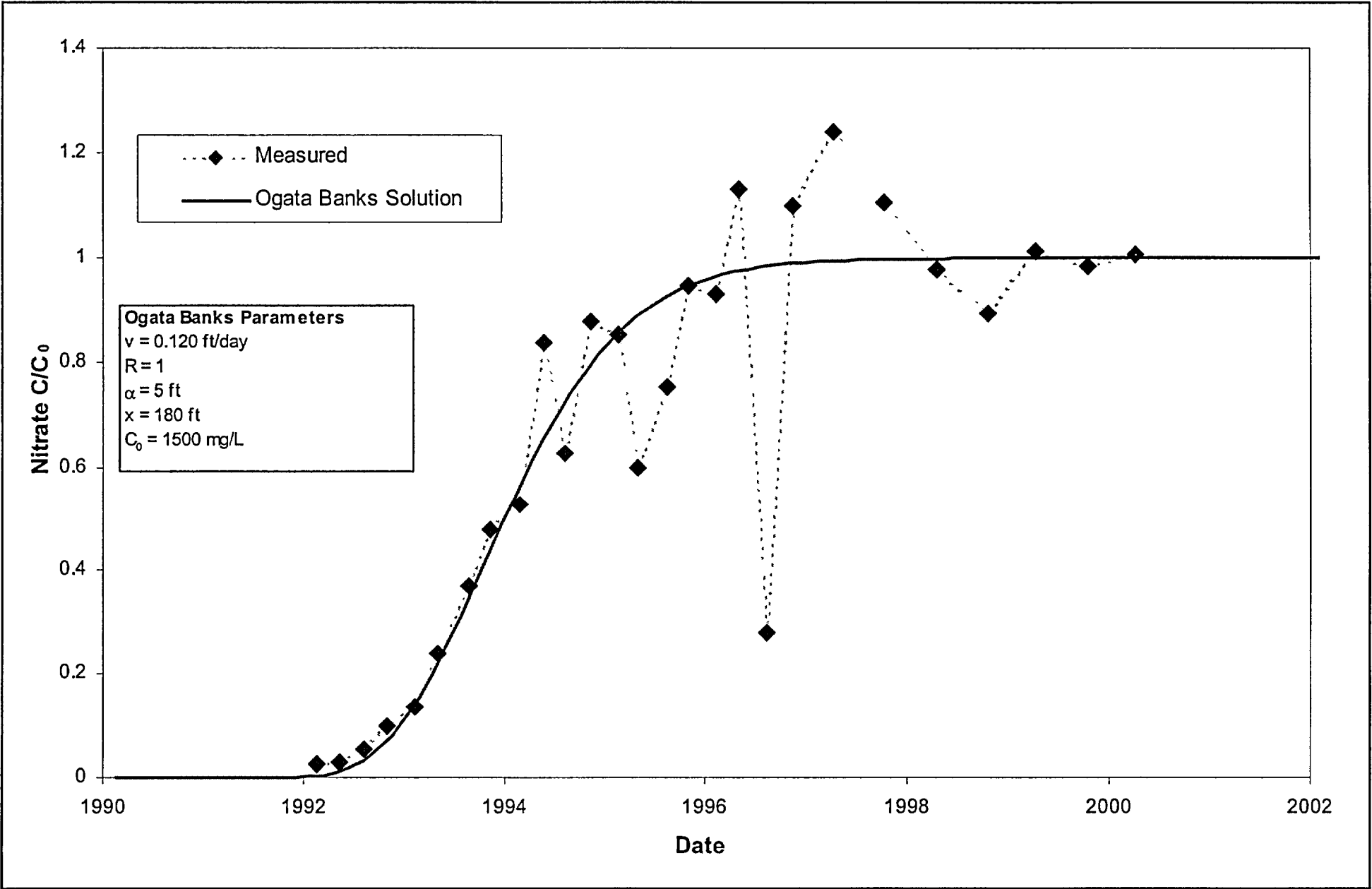


FIGURE 8-32
ONE DIMENSIONAL TRANSPORT ANALYSIS, 2322A

Date:	OCTOBER 2002
Project:	P:\100734-2\REV CHAR RPT
File:	1D TRANSPORT.ppt



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FIGURE 8-33
ONE DIMENSIONAL TRANSPORT ANALYSIS, 2341

Date:	OCTOBER 2002
Project:	P:\100734-2\REV CHAR RPT
File:	1D TRANSPORT.ppt

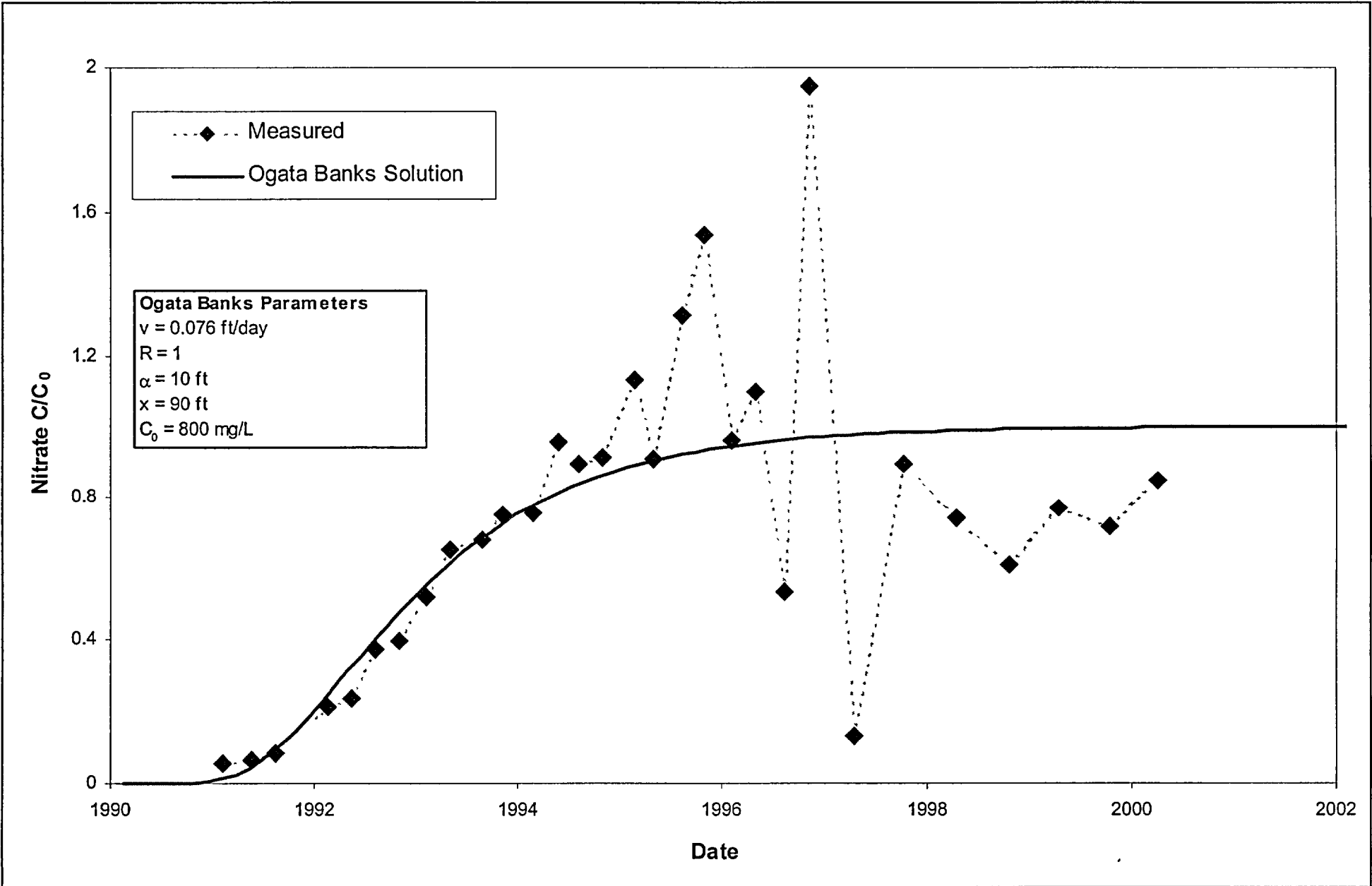


FIGURE 8-34
ONE DIMENSIONAL TRANSPORT ANALYSIS, 2354

Date:	OCTOBER 2002
Project:	P:\100734-2\REV CHAR RPT
File:	1D TRANSPORT.ppt

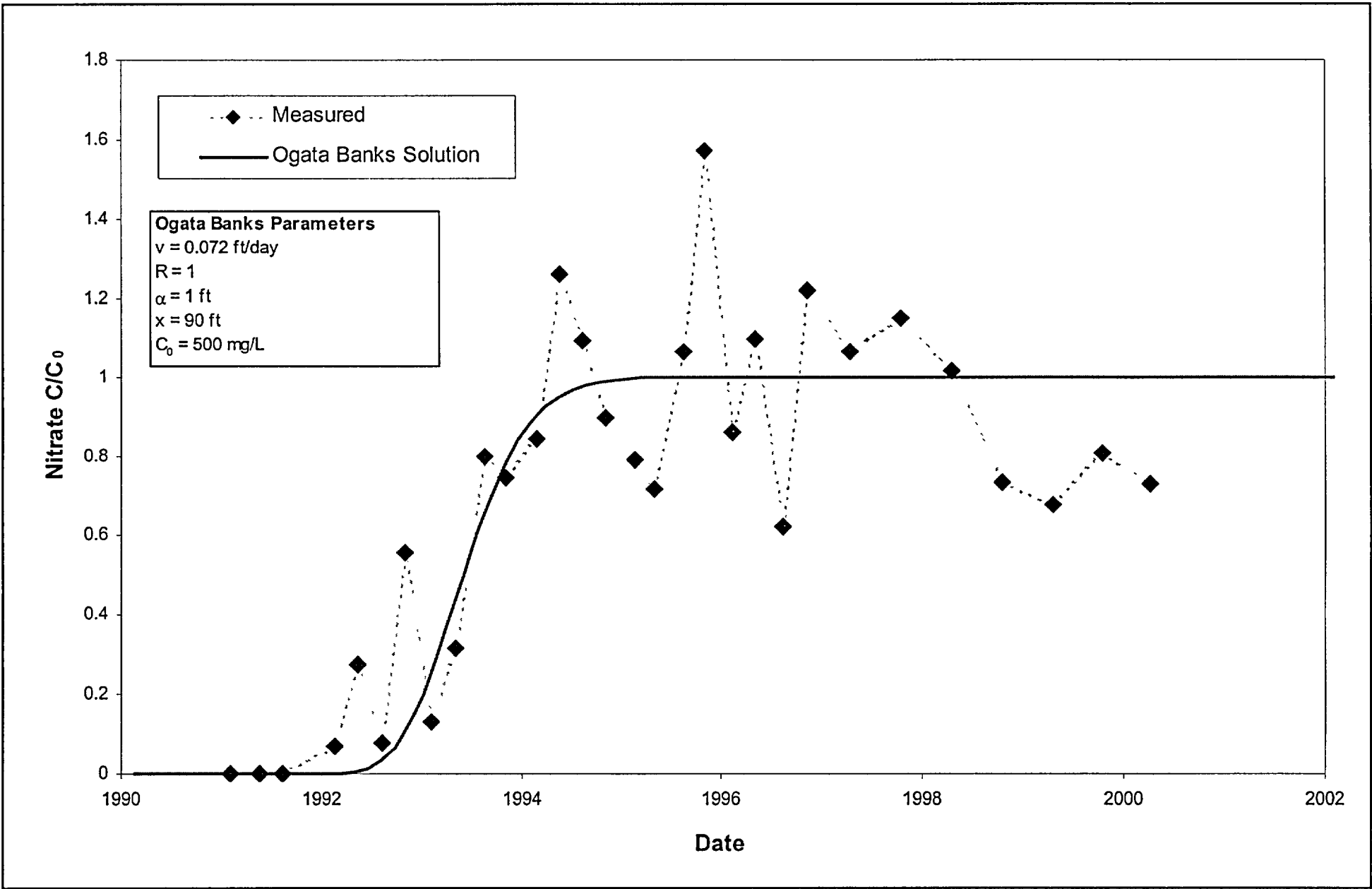


FIGURE 8-35
ONE DIMENSIONAL TRANSPORT ANALYSIS, 2356

Date:	OCTOBER 2002
Project:	P:\100734-2\REV CHAR RPT
File:	1D TRANSPORT.ppt

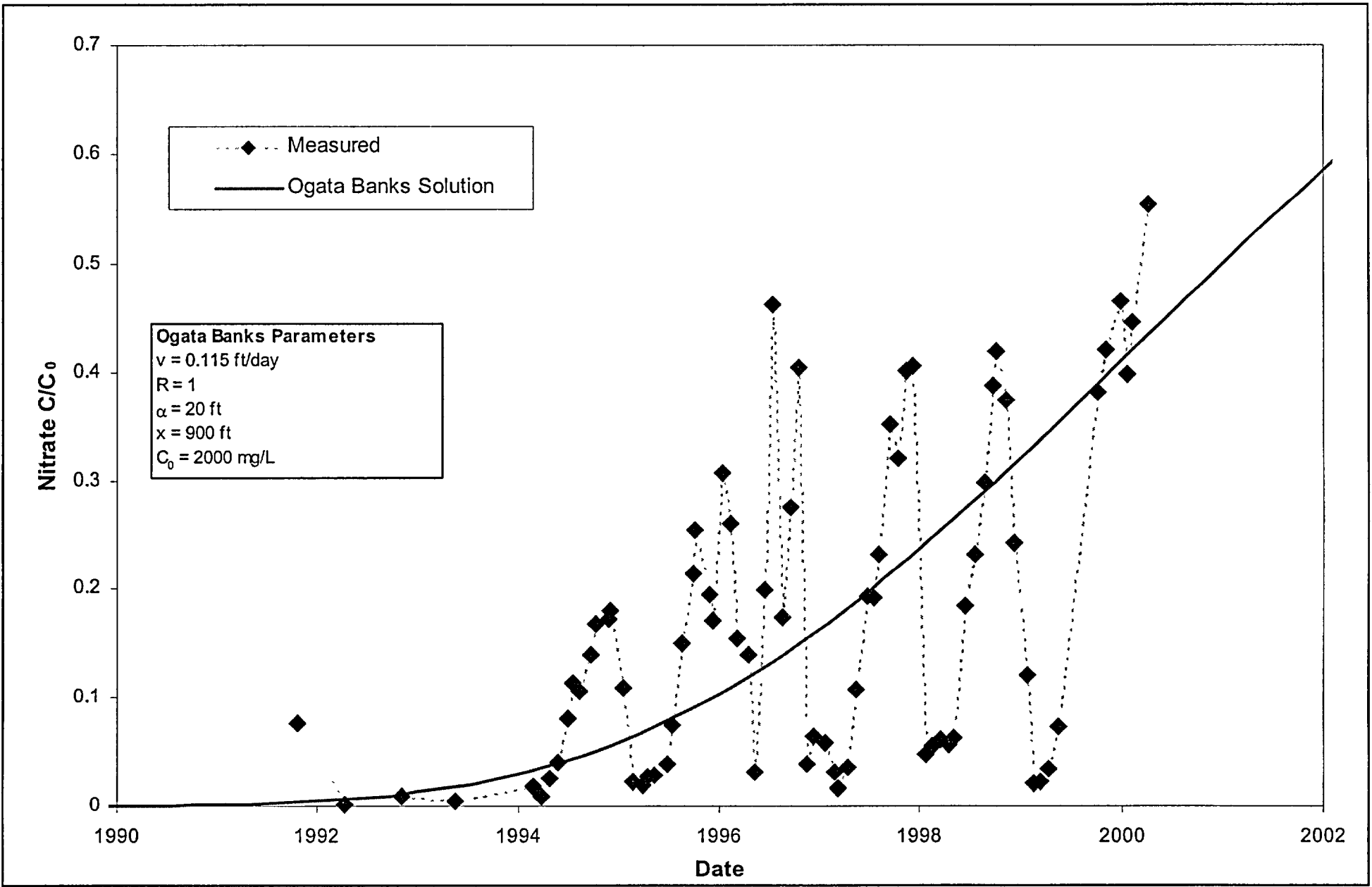


FIGURE 8-36
ONE DIMENSIONAL TRANSPORT ANALYSIS, MW095A

Date:	OCTOBER 2002
Project:	P:\100734-2\REV CHAR RPT
File:	1D TRANSPORT.ppt

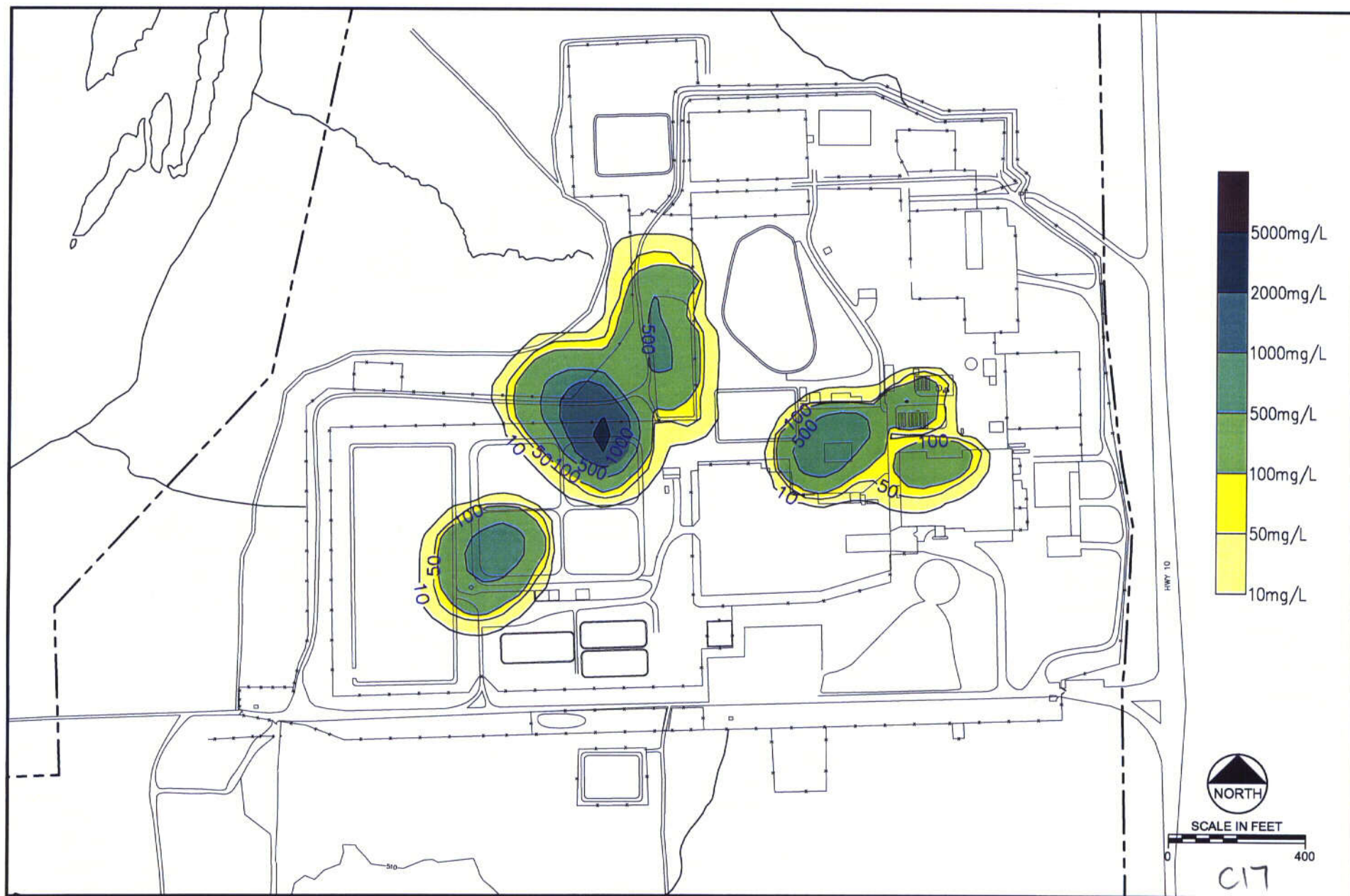


FIGURE 8-37
NITRATE CALIBRATION INITIAL CONCENTRATIONS LAYER 1

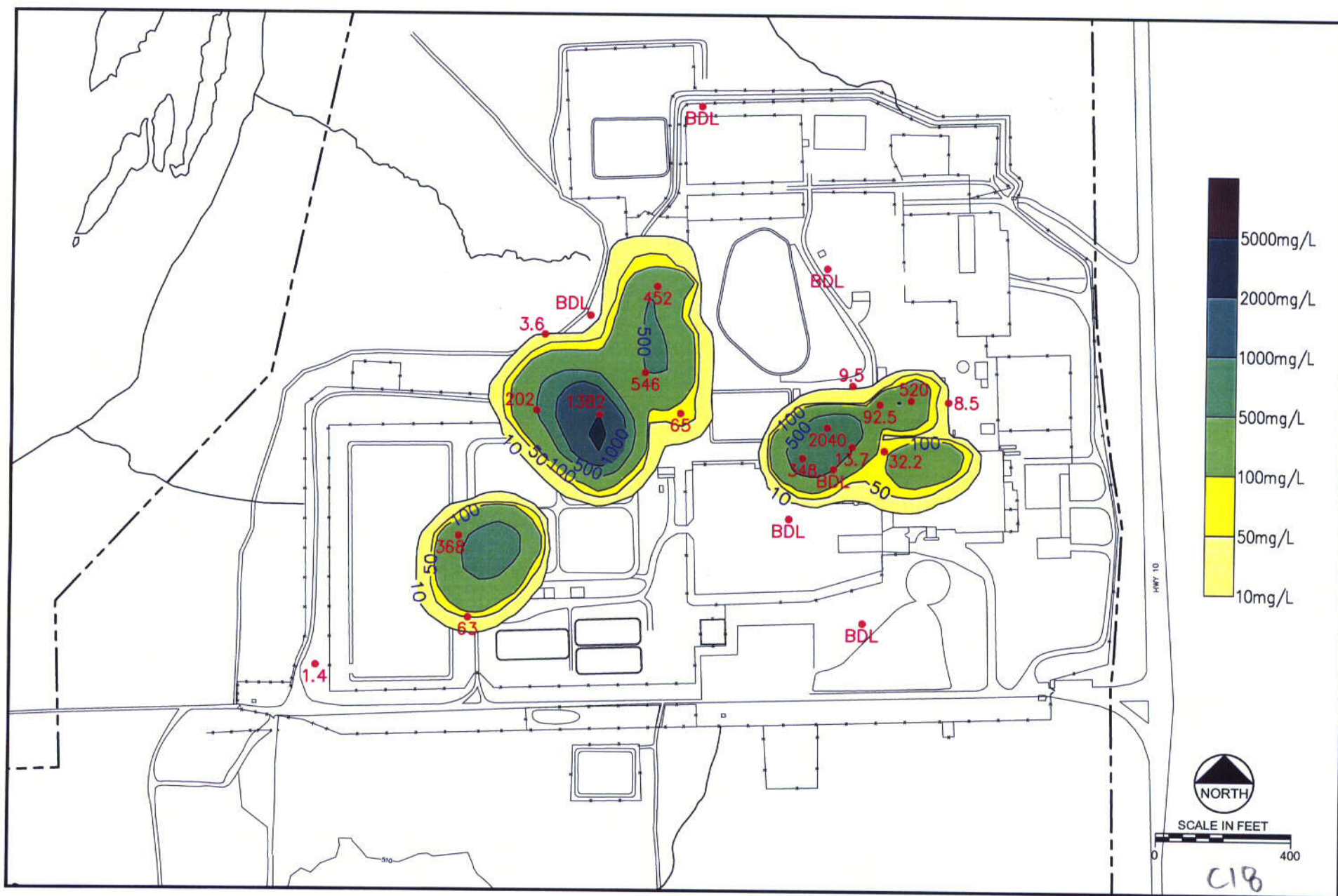


FIGURE 8-38
NITRATE CALIBRATION INITIAL CONCENTRATIONS LAYER 2

Date:	OCTOBER 2002
Project:	100734\REVISED-20\
File:	INITIAL-NIT.DWG



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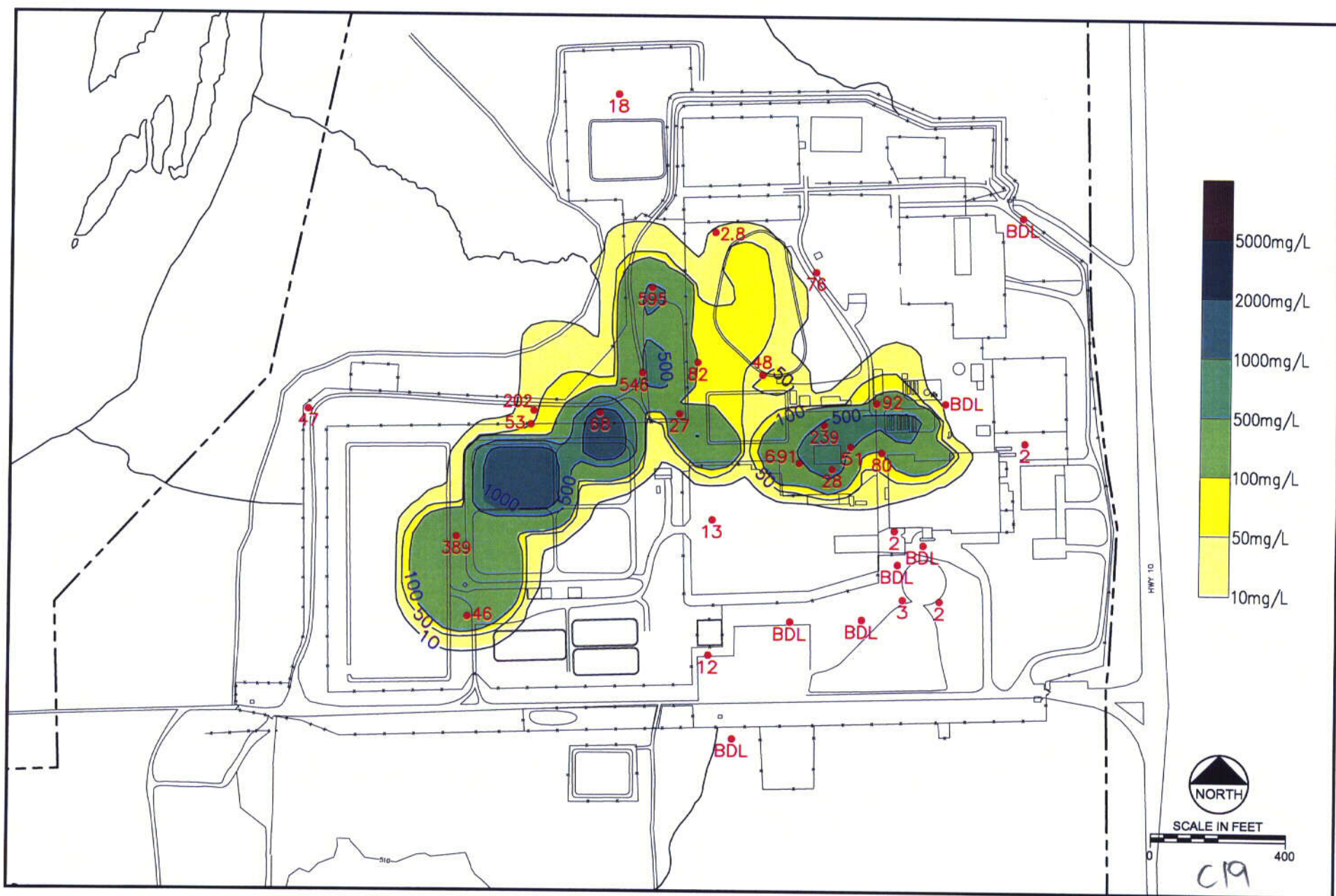


FIGURE 8-39
NITRATE CALIBRATION INITIAL CONCENTRATIONS LAYER 3



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Date:	OCTOBER 2002
Project:	100734\REVISED-20"
File:	INITIAL-NIT.DWG

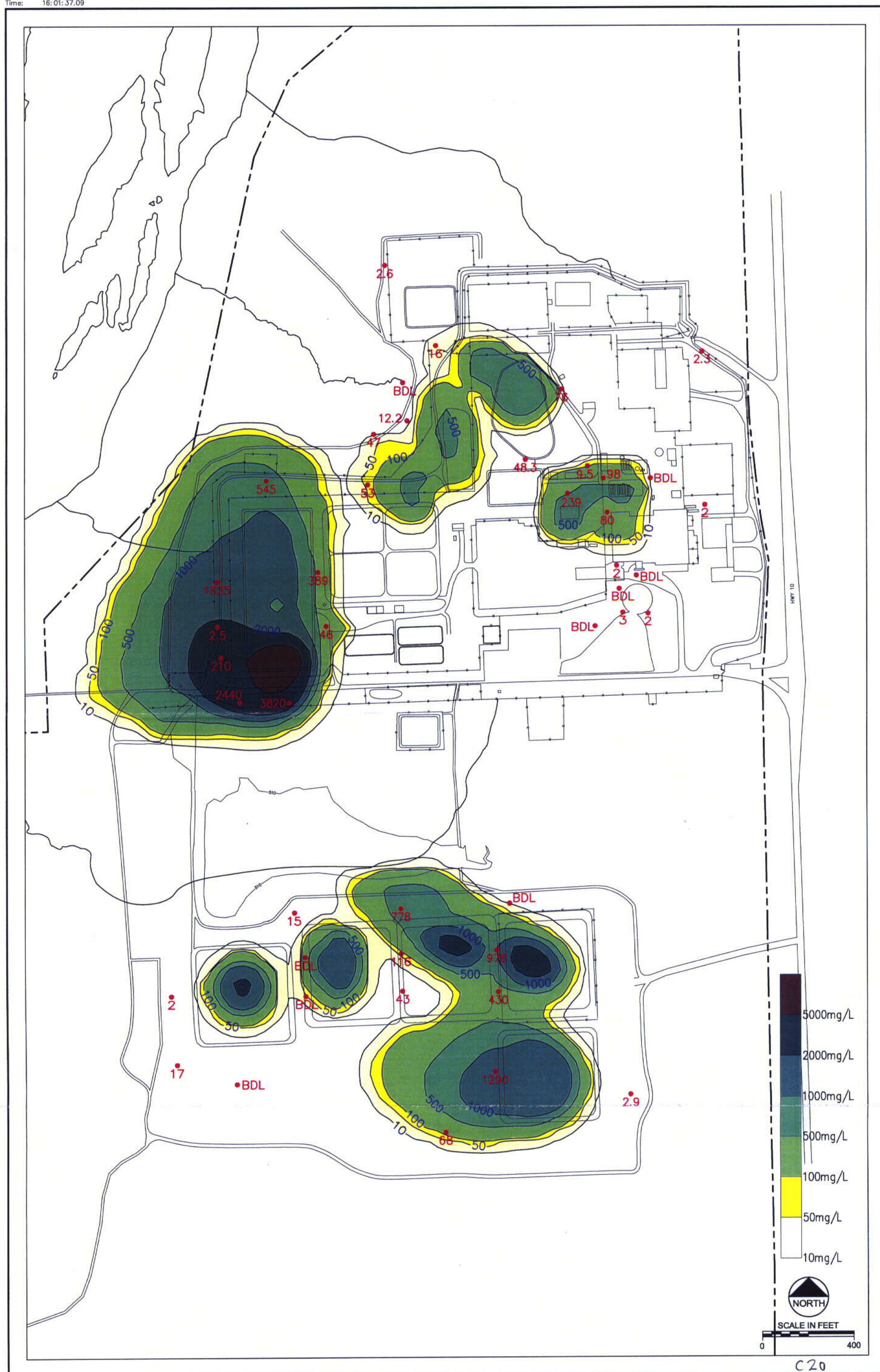
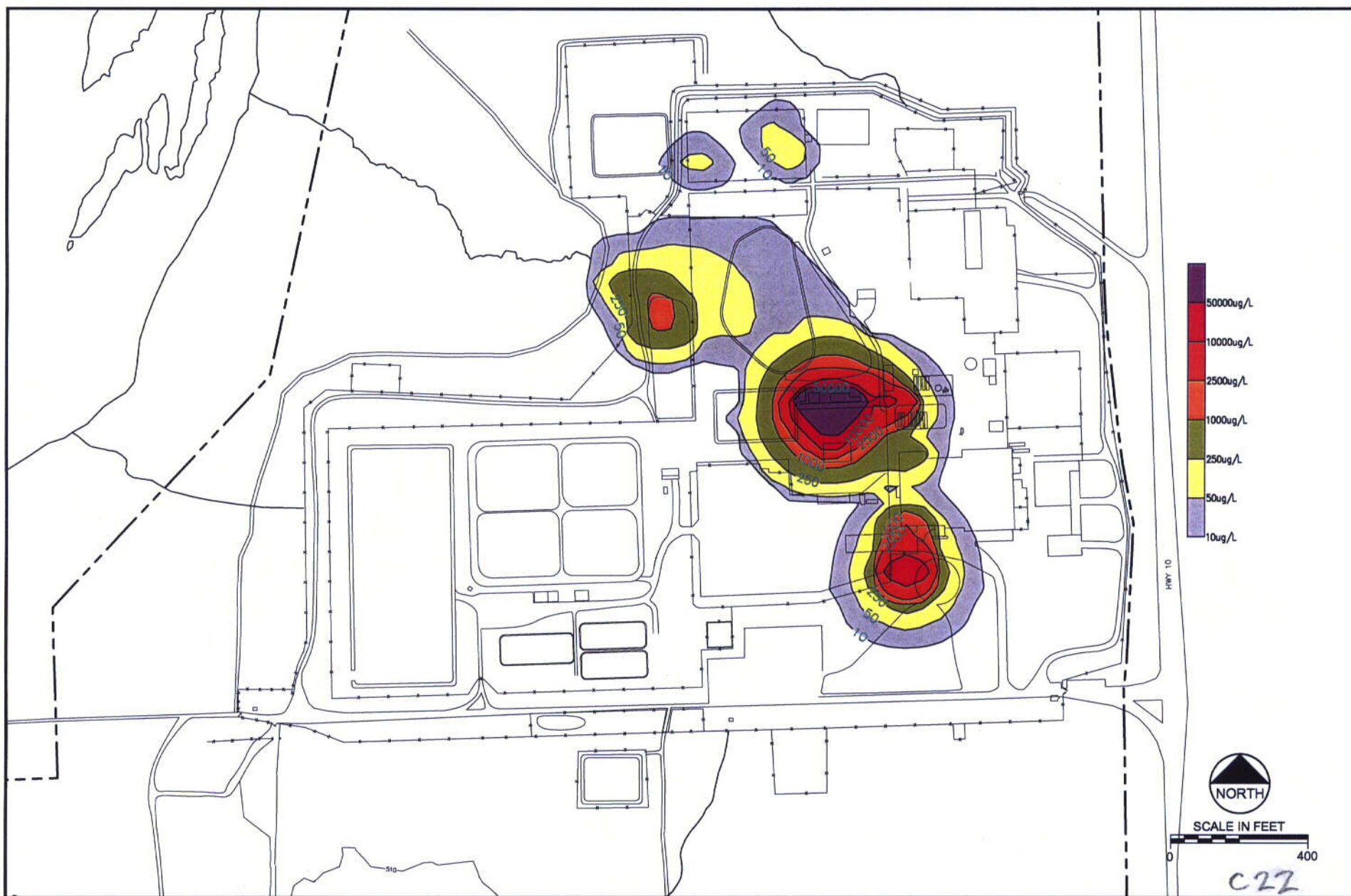


FIGURE 8-40
NITRATE CALIBRATION INITIAL CONCENTRATIONS LAYER 4



NITRATE CALIBRATION INITIAL CONCENTRATIONS LAYER 5



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FIGURE 8-42
URANIUM CALIBRATION INITIAL CONCETRATIONS LAYER 1

Date: OCTOBER 2002
Project: 100734/REVISED-20th
File: INITIAL-U.DWG

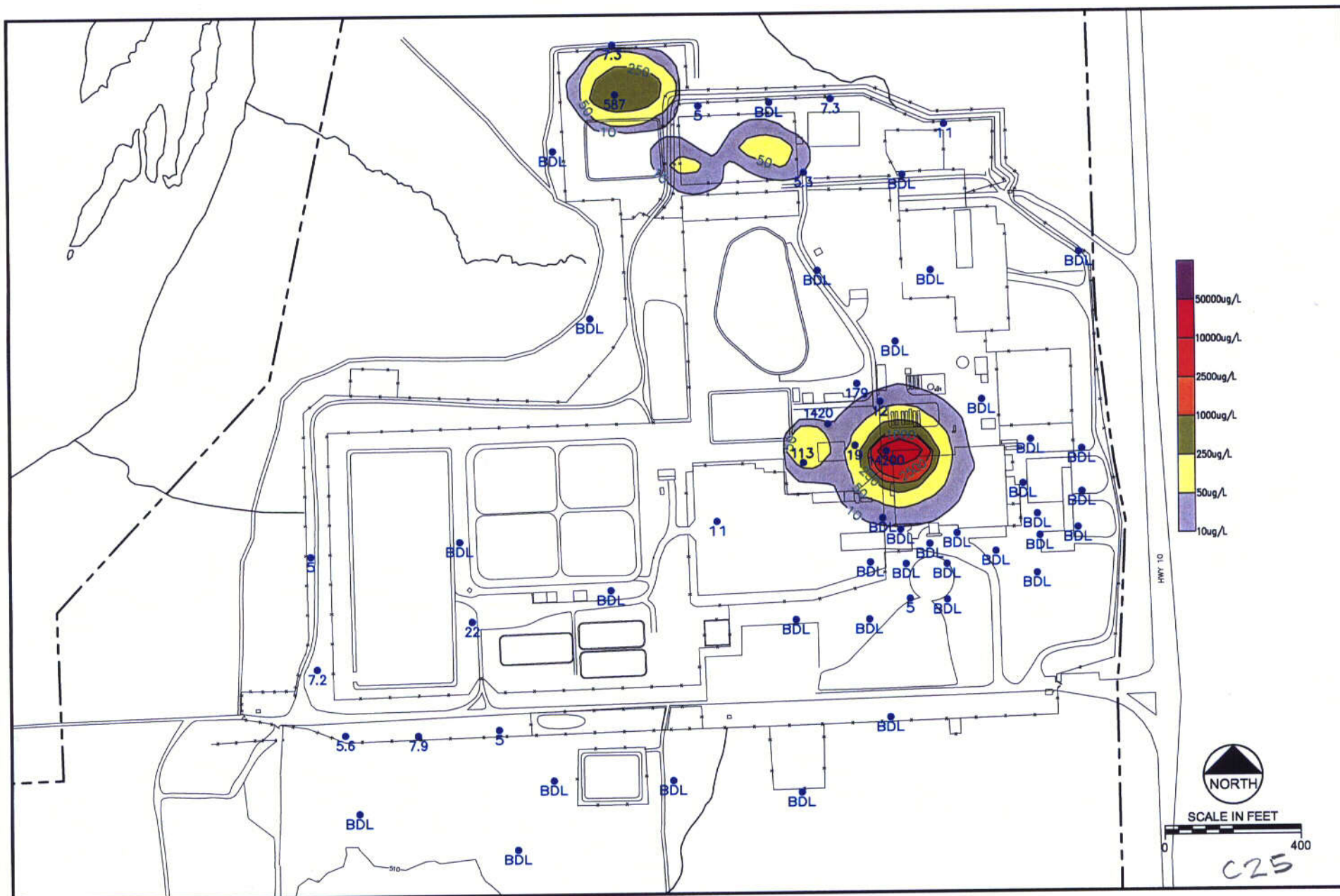


FIGURE 8-45
URANIUM CALIBRATION INITIAL CONCENTRATIONS LAYER 4



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Date: OCTOBER 2002
Project: 100734\REVISED-20\1
File: INITIAL-U.DWG

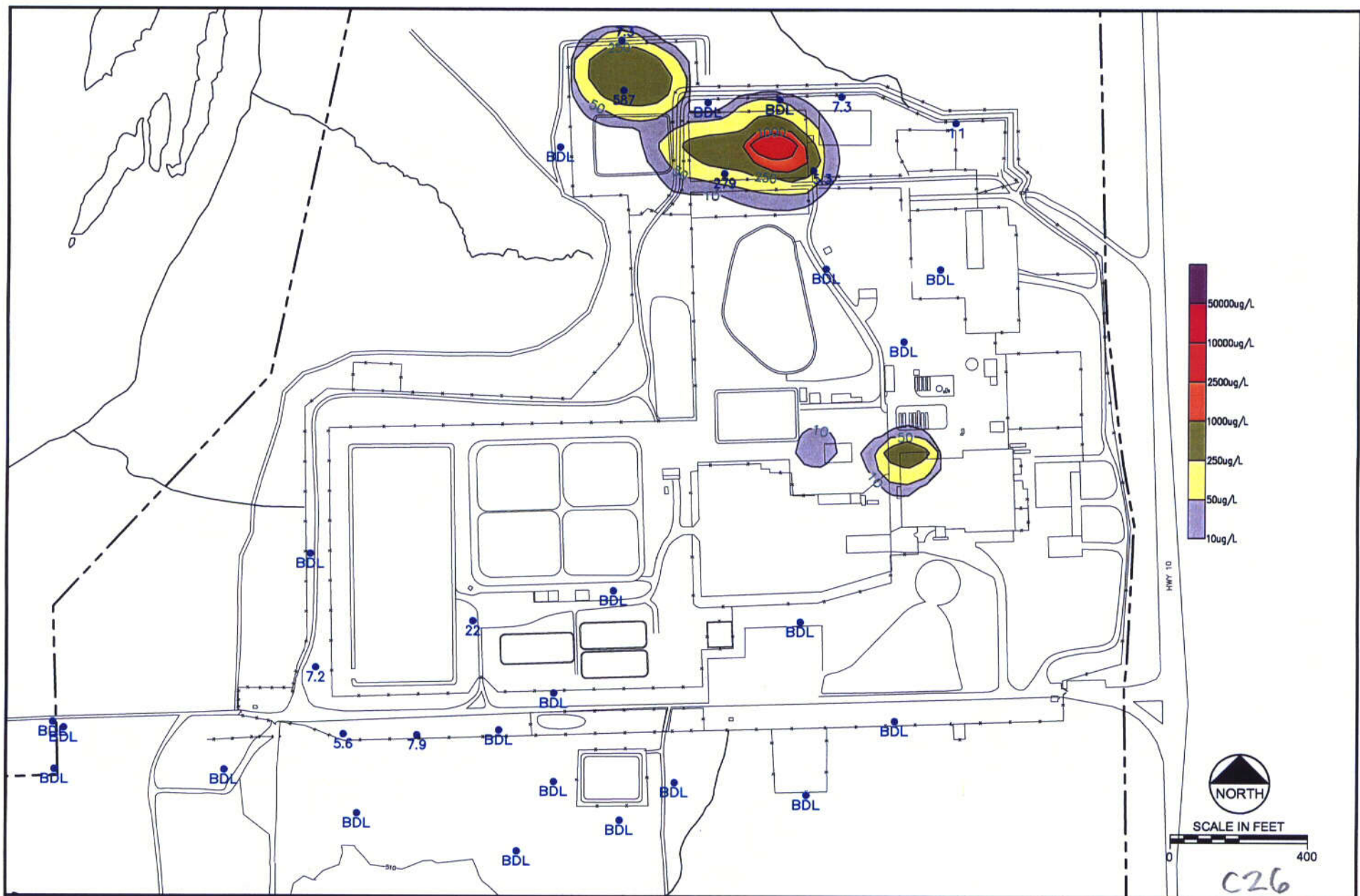


FIGURE 8-46
URANIUM CALIBRATION INITIAL CONCENTRATIONS LAYER 5

Date:	OCTOBER 2002
Project:	100734\REVISED-20"
File:	INITIAL-U.DWG



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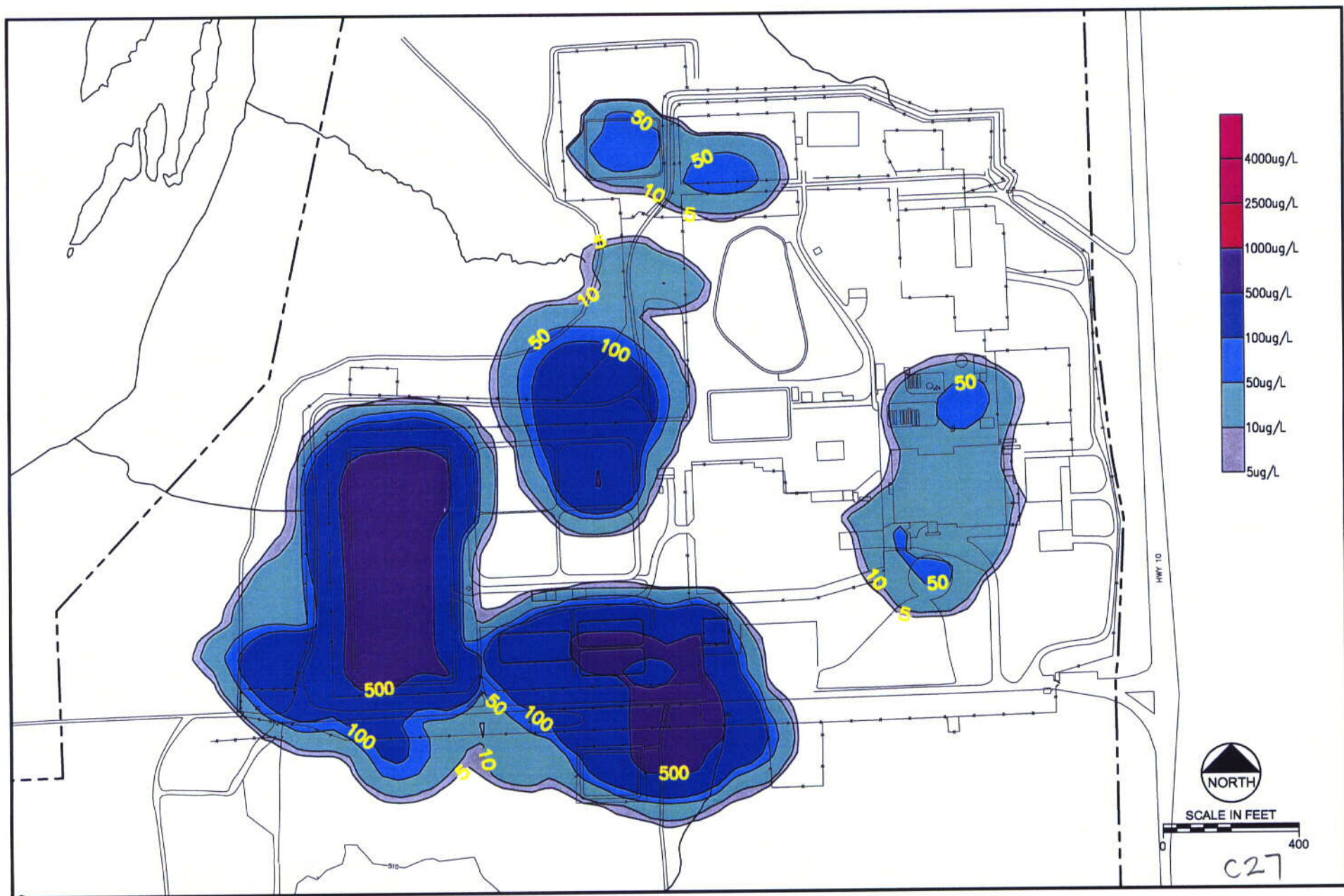


FIGURE 8-47
ARSENIC CALIBRATION INITIAL CONCENTRATIONS LAYER 1

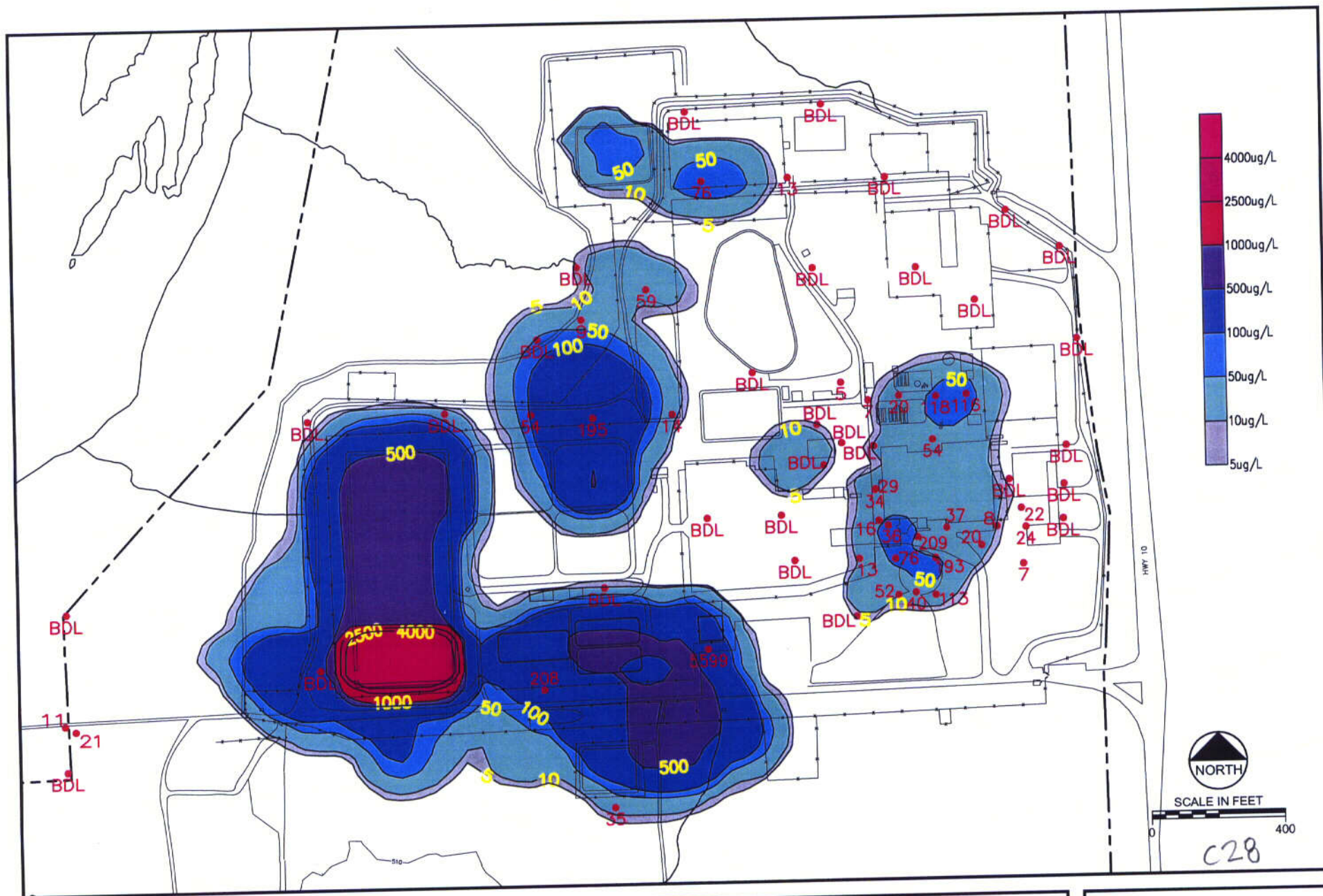


FIGURE 8-48
ARSENIC CALIBRATION INITIAL CONCENTRATIONS LAYER 2

Date: OCTOBER 2002
Project: 100734\REVISED-2011
File: INITIAL-AS.DWG



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FIGURE 8-49
ARSENIC CALIBRATION INITIAL CONCENTRATIONS LAYER 3

Date:	OCTOBER 2002
Project:	100734\REVISED-20*1
File:	INITIAL-AS.DWG

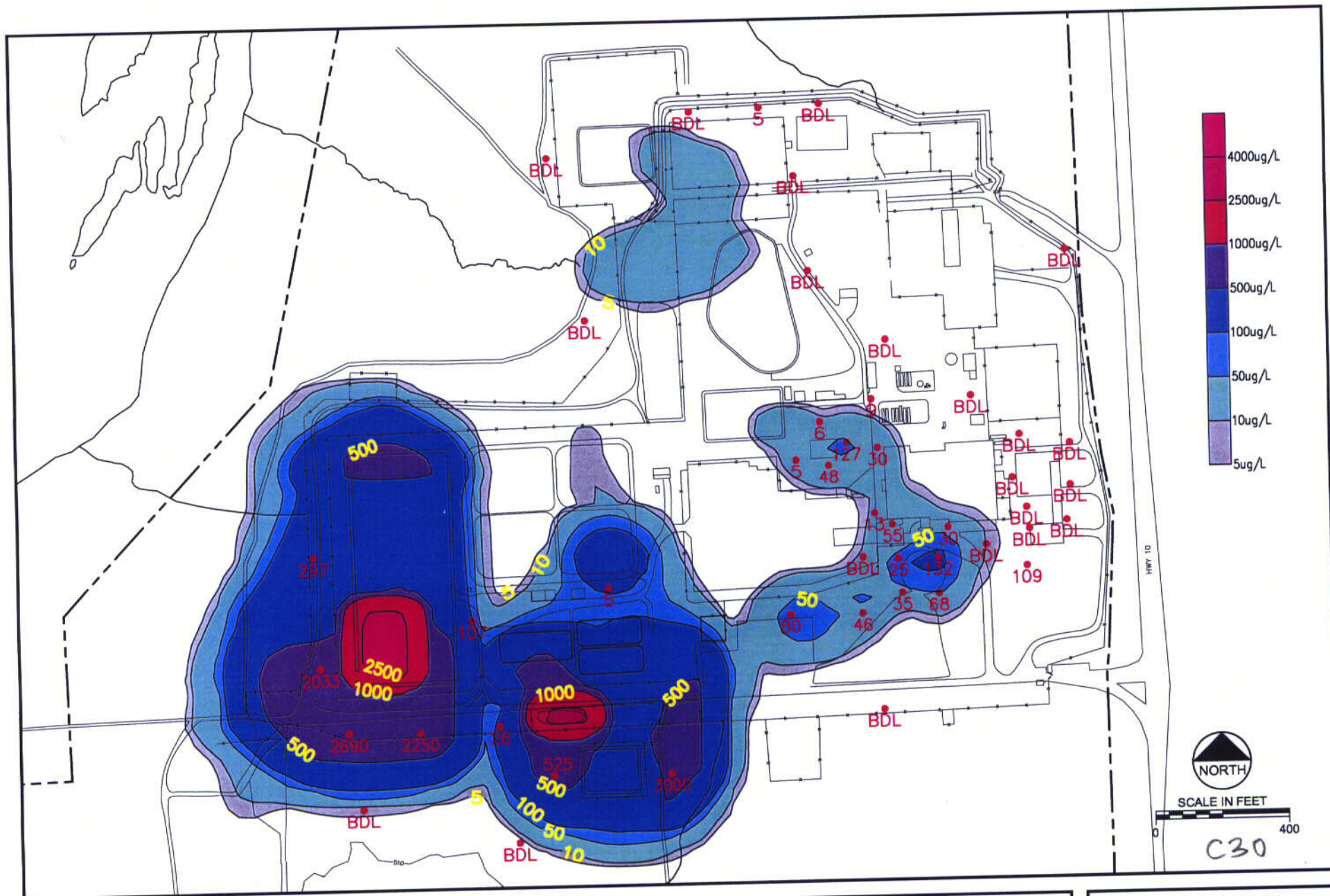


FIGURE 8-50
ARSENIC CALIBRATION INITIAL CONCENTRATIONS LAYER 4



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Date:	OCTOBER 2002
Project:	100734\REVISED-20\1
File:	INITIAL-AS.DWG

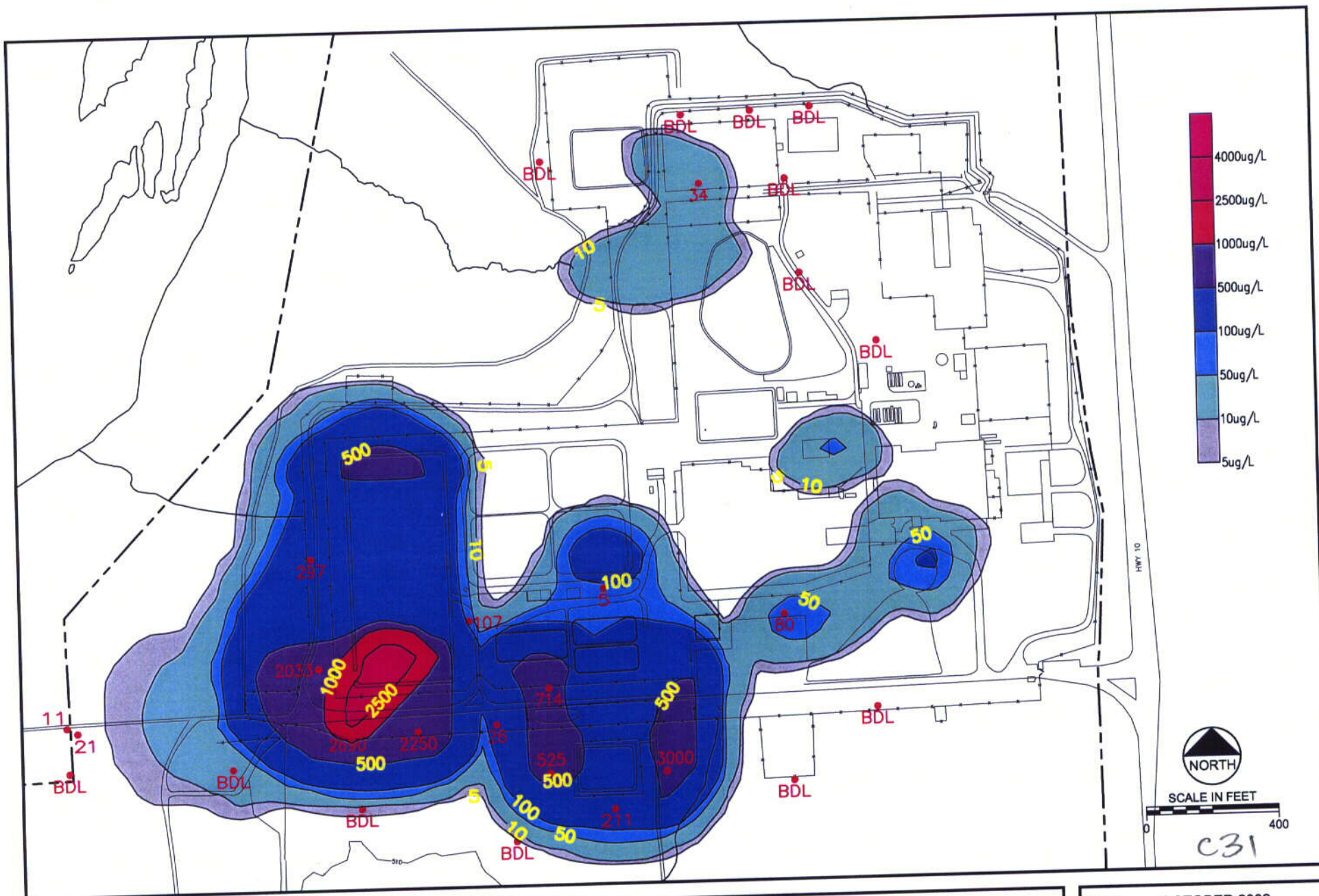
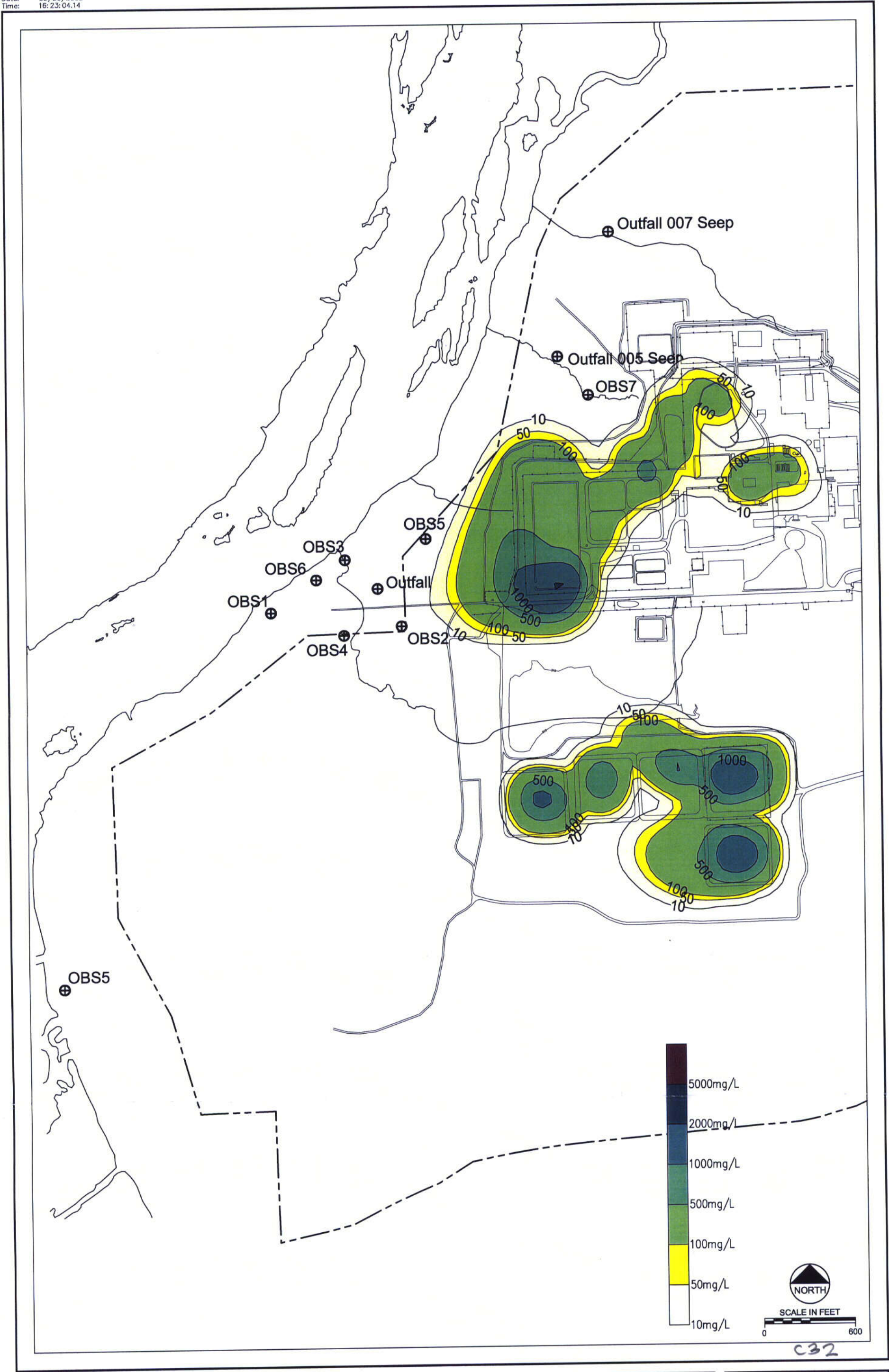


FIGURE 8-51
ARSENIC CALIBRATION INITIAL CONCENTRATIONS LAYER 5

Date:	OCTOBER 2002
Project:	100734\REVISED-20"
File:	INITIAL-AS.DWG



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FIGURE 8-52
MODELED NITRATE MAXIMUM INITIAL CONCENTRATIONS

Date: OCTOBER 2002
Project: 100734/REVISED-2002
File: YEARS-NIT.DWG

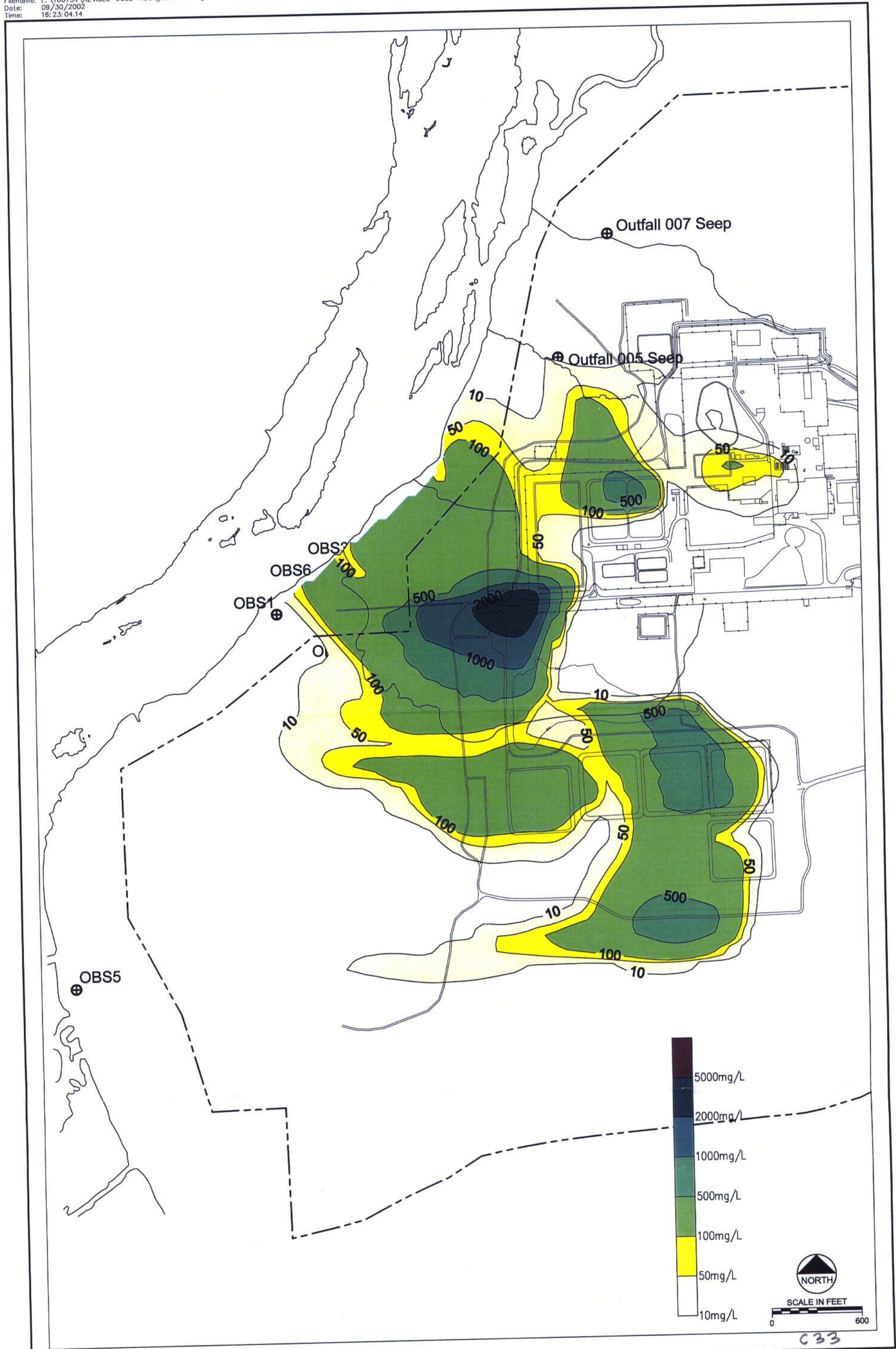
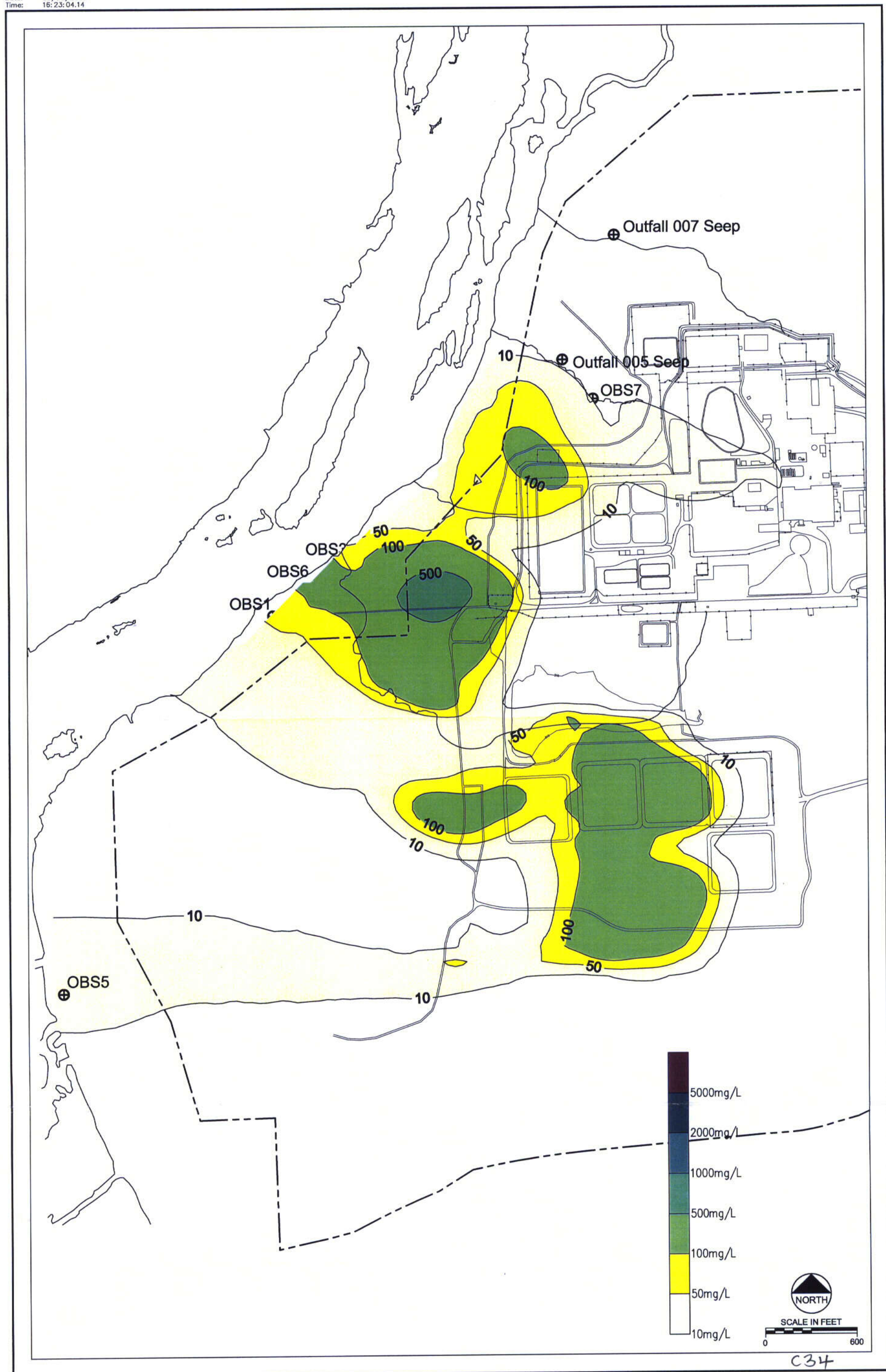


FIGURE 8-53
 MODELED NITRATE MAXIMUM CONCENTRATIONS 5 YEARS

Date: OCTOBER 2002
 Project: 100734\REVISED-2002-AUG\years-nit.dwg
 File: YEARS-NIT.DWG





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FIGURE 8-54
 MODELED NITRATE MAXIMUM CONCENTRATIONS 25 YEARS

Date: OCTOBER 2002
 Project: 100734\REVISED-2002-AUG\years-nit.dwg
 File: YEARS-NIT.DWG

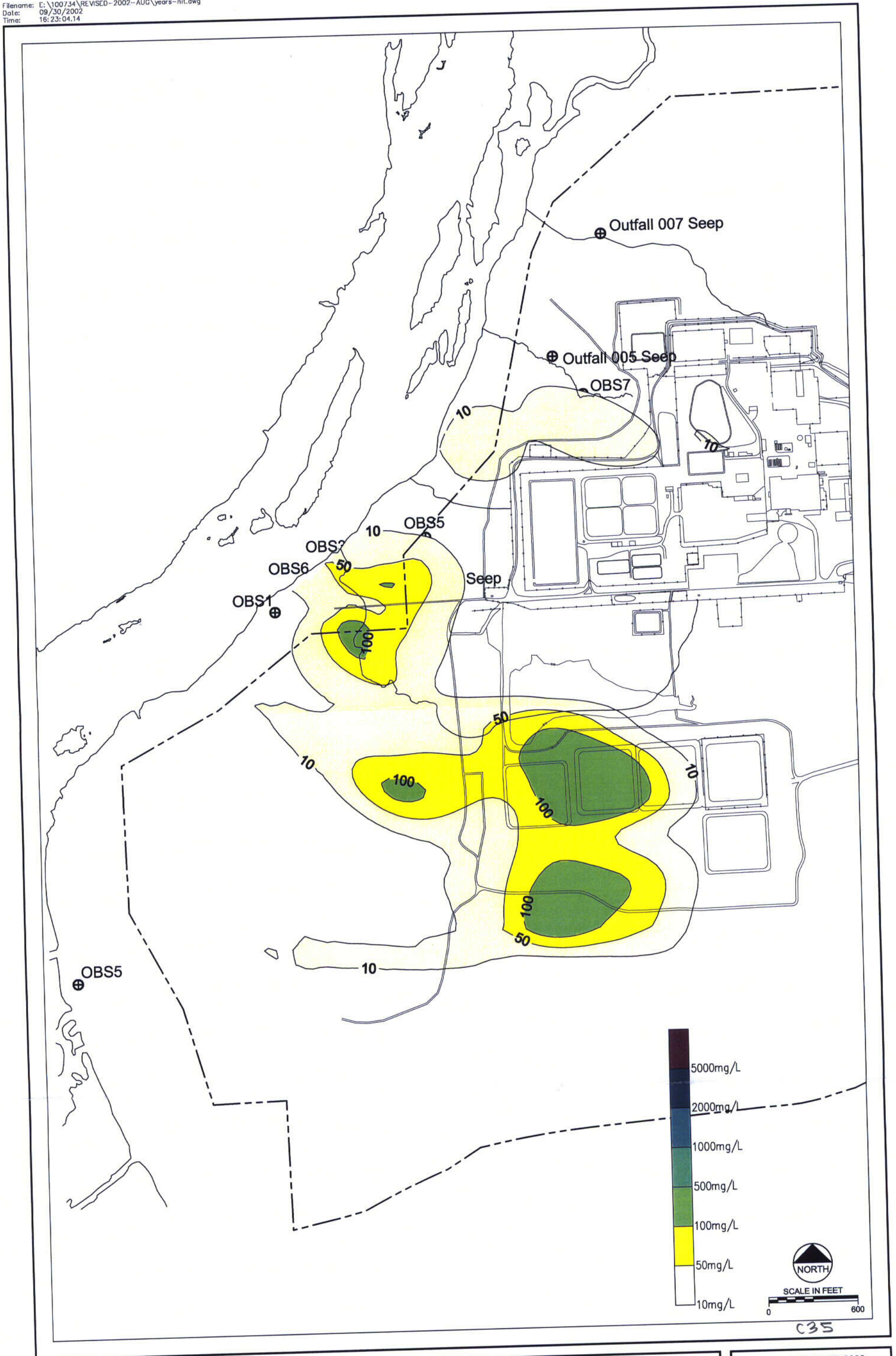
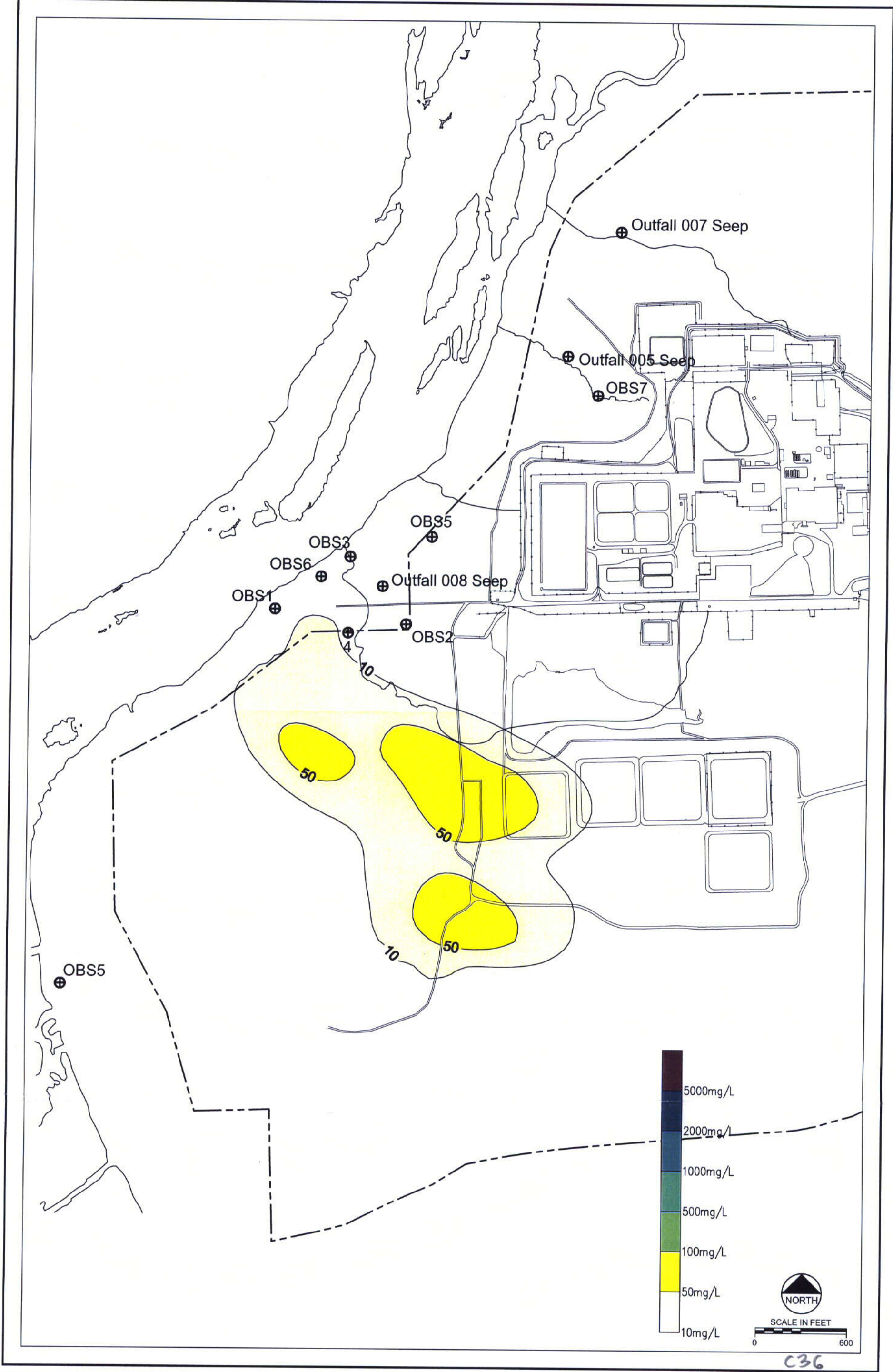


FIGURE 8-55
 MODELED NITRATE MAXIMUM CONCENTRATIONS 50 YEARS

Date: OCTOBER 2002
 Project: 100734\REVISED-2002
 File: YEARS-NIT.DWG





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FIGURE 8-56
 MODELED NITRATE MAXIMUM CONCENTRATIONS 100 YEARS

Date: OCTOBER 2002
 Project: 100734\REVISED-2002-AUG\years-nit.dwg
 File: YEARS-NIT.DWG

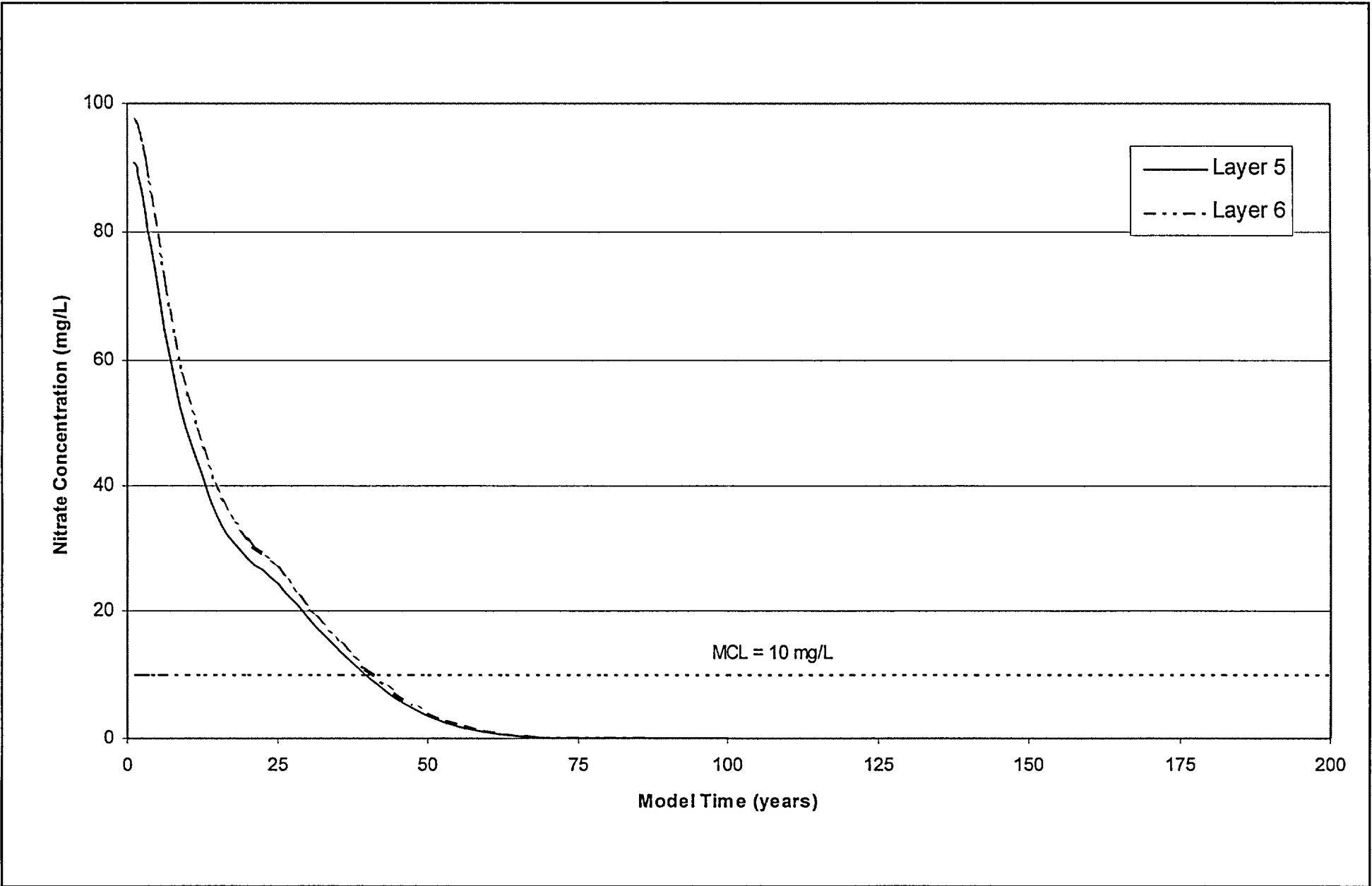
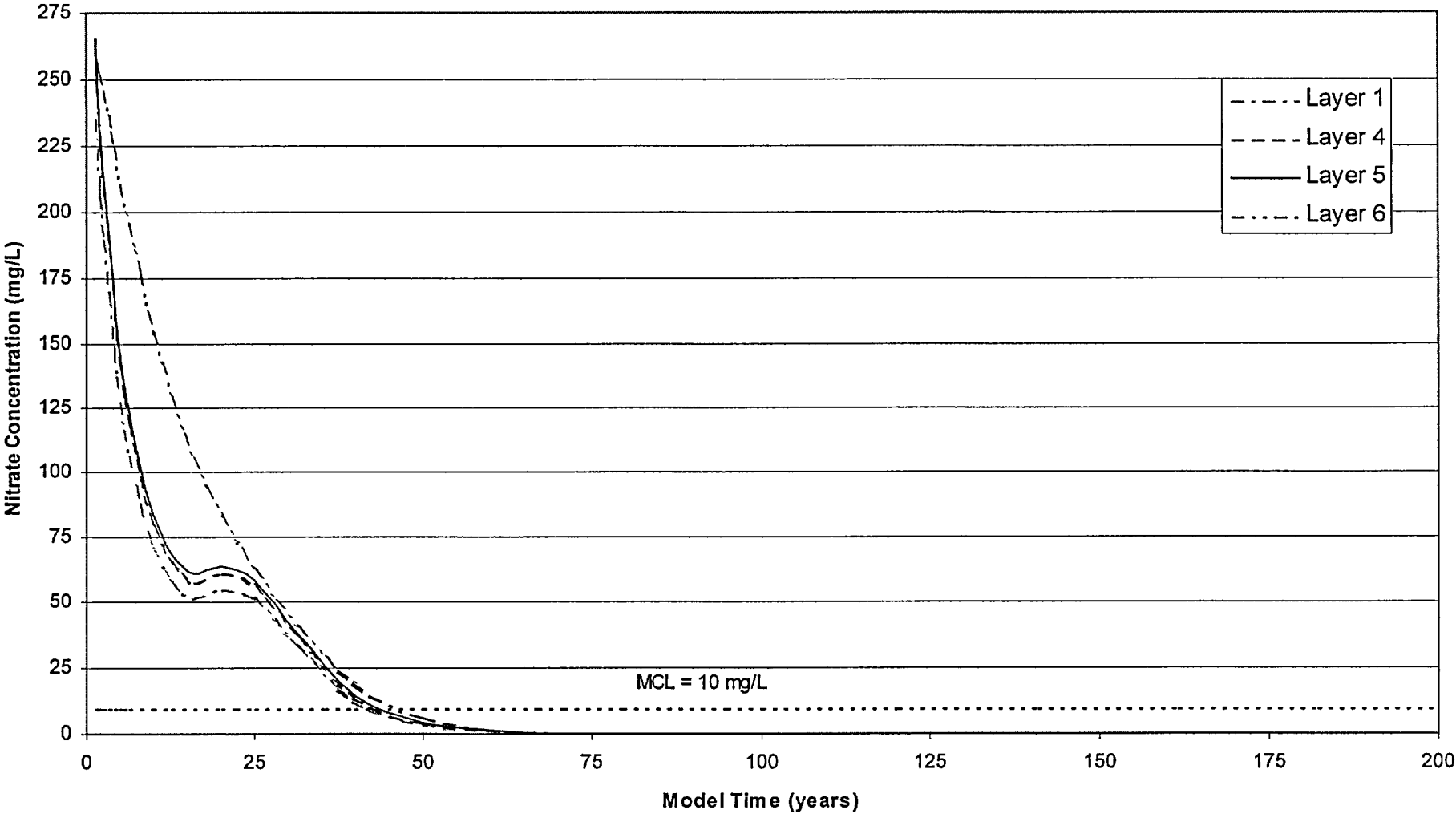


FIGURE 8-57
NITRATE CONCENTRATIONS AT OBSERVATION POINT 1

Date:	OCTOBER 2002
Project:	P:100734-2\REV CHAR RPT
File:	NIT CONC.ppt



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FIGURE 8-58
NITRATE CONCENTRATIONS AT OBSERVATION POINT 2

Date:	OCTOBER 2002
Project:	P:100734-2\REV CHAR RPT
File:	NIT CONC ppt

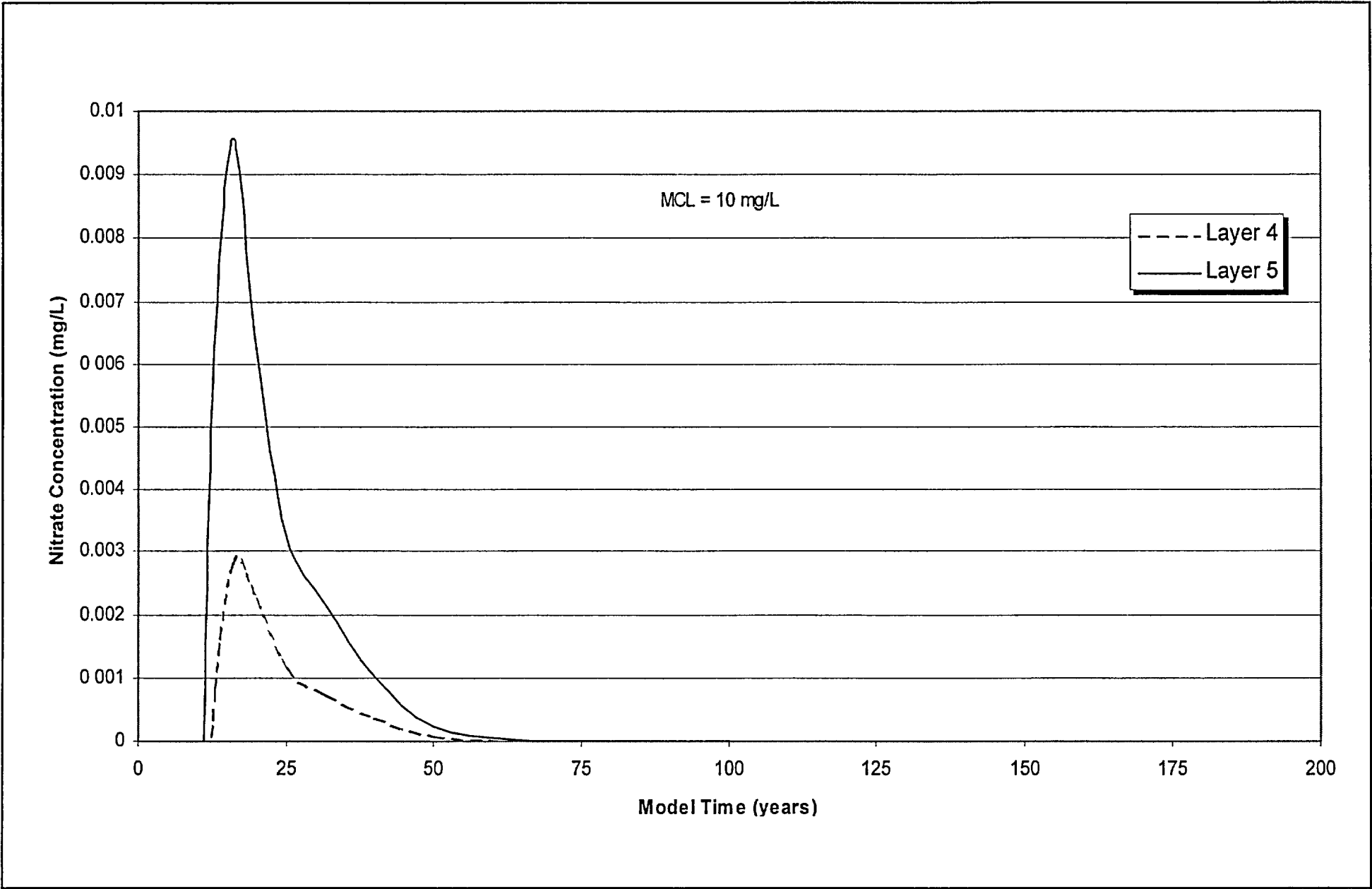
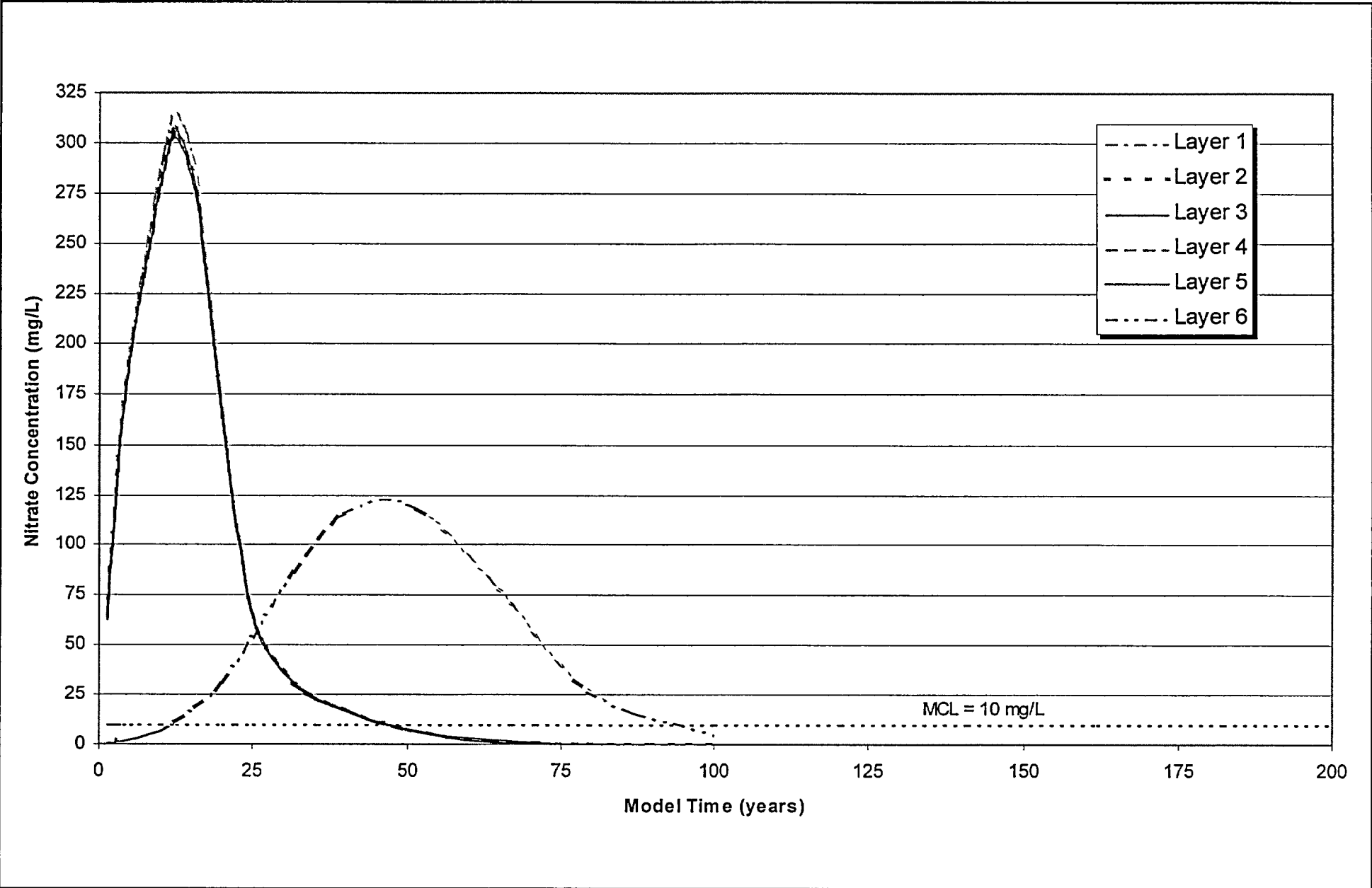


FIGURE 8-59
NITRATE CONCENTRATIONS AT OBSERVATION POINT 3

Date:	OCTOBER 2002
Project:	P:100734-2\REV CHAR RPT
File:	NIT CONC.ppt



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FIGURE 8-60
NITRATE CONCENTRATIONS AT OBSERVATION POINT 4

Date: OCTOBER 2002

Project. P:100734-2/REV CHAR RPT

File. NIT CONC ppt

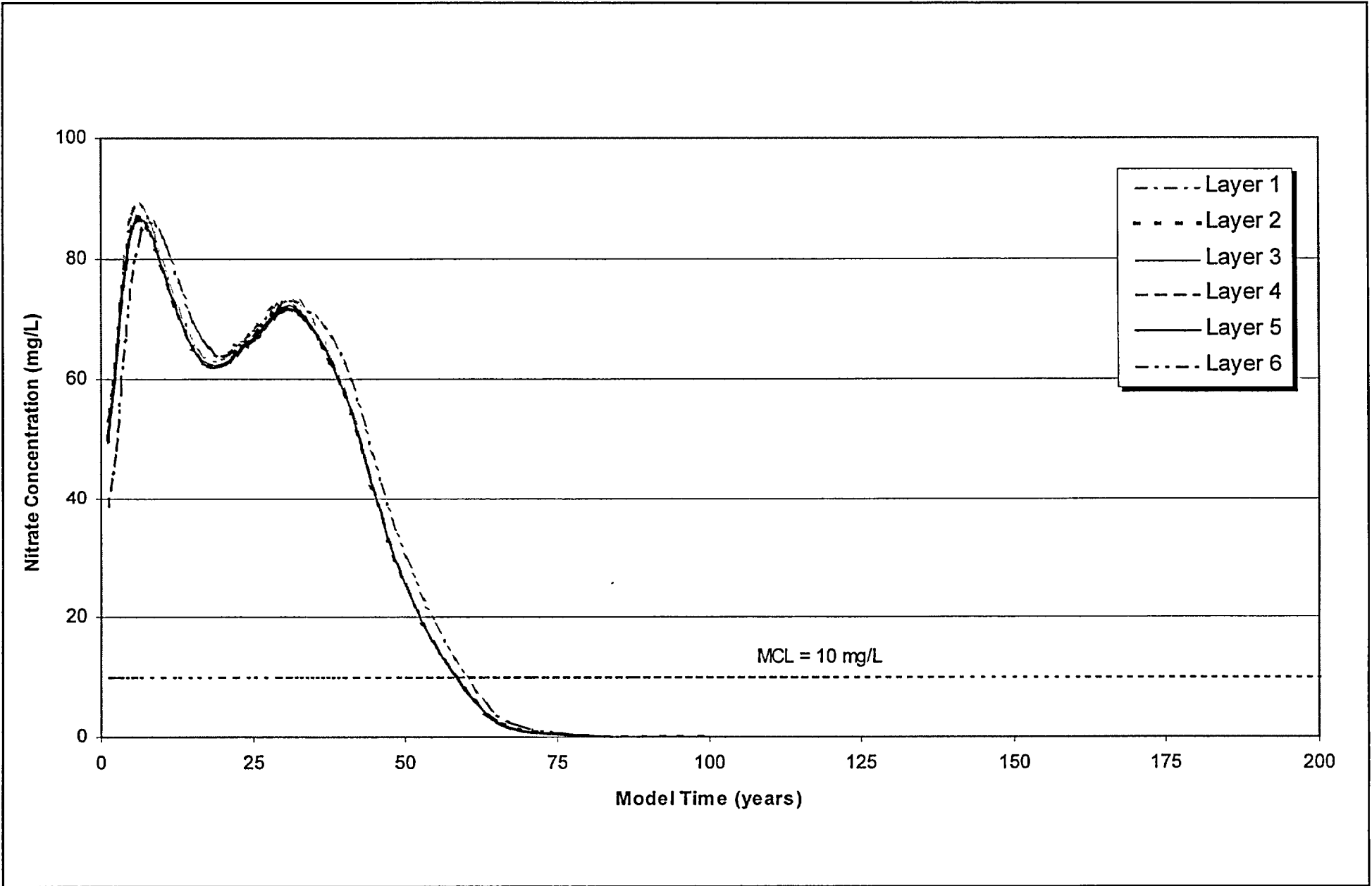


FIGURE 8-61
NITRATE CONCENTRATIONS AT OBSERVATION POINT 5

Date:	OCTOBER 2002
Project:	P:100734-2\REV CHAR RPT
File:	NIT CONC.ppt

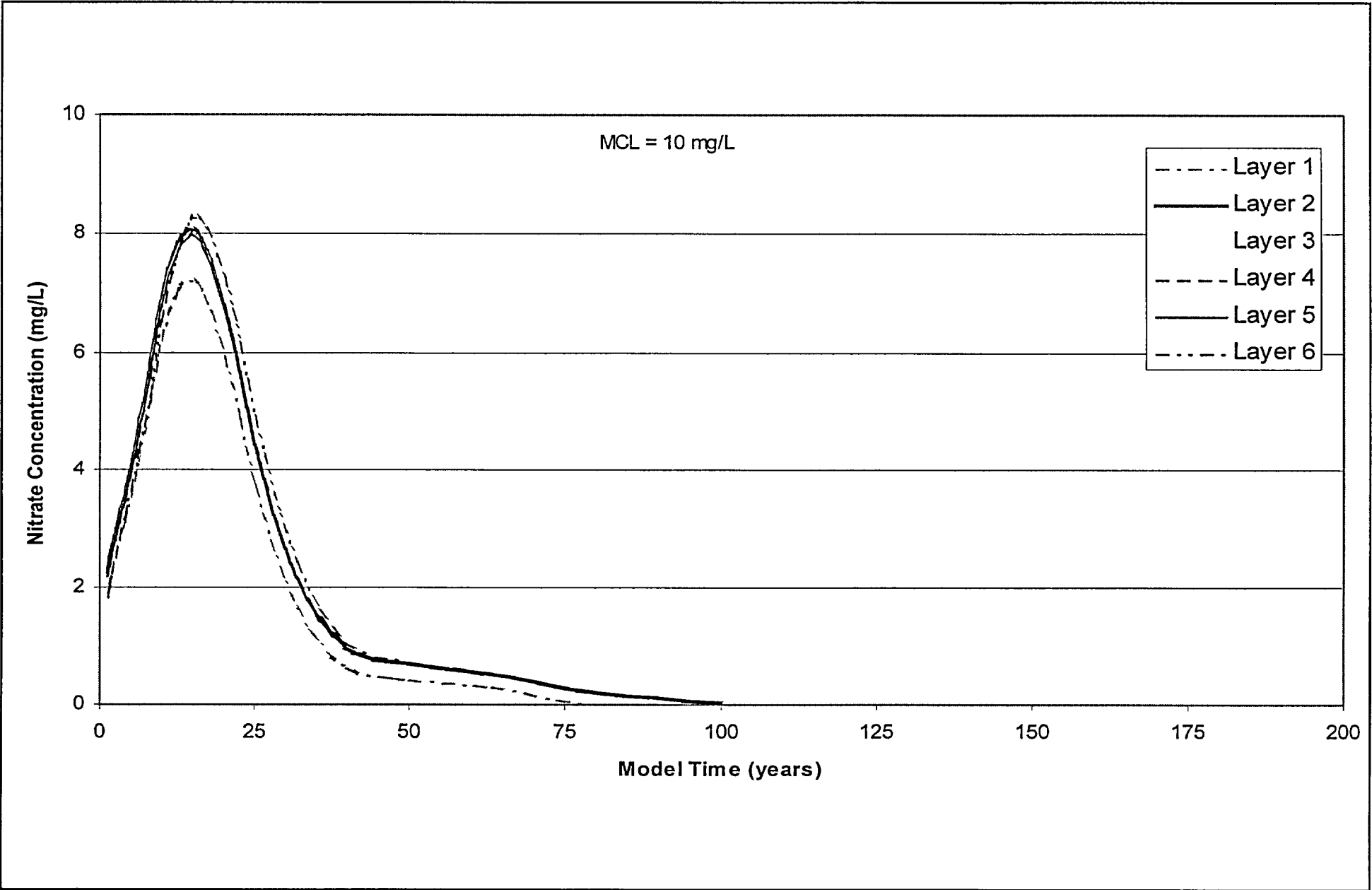
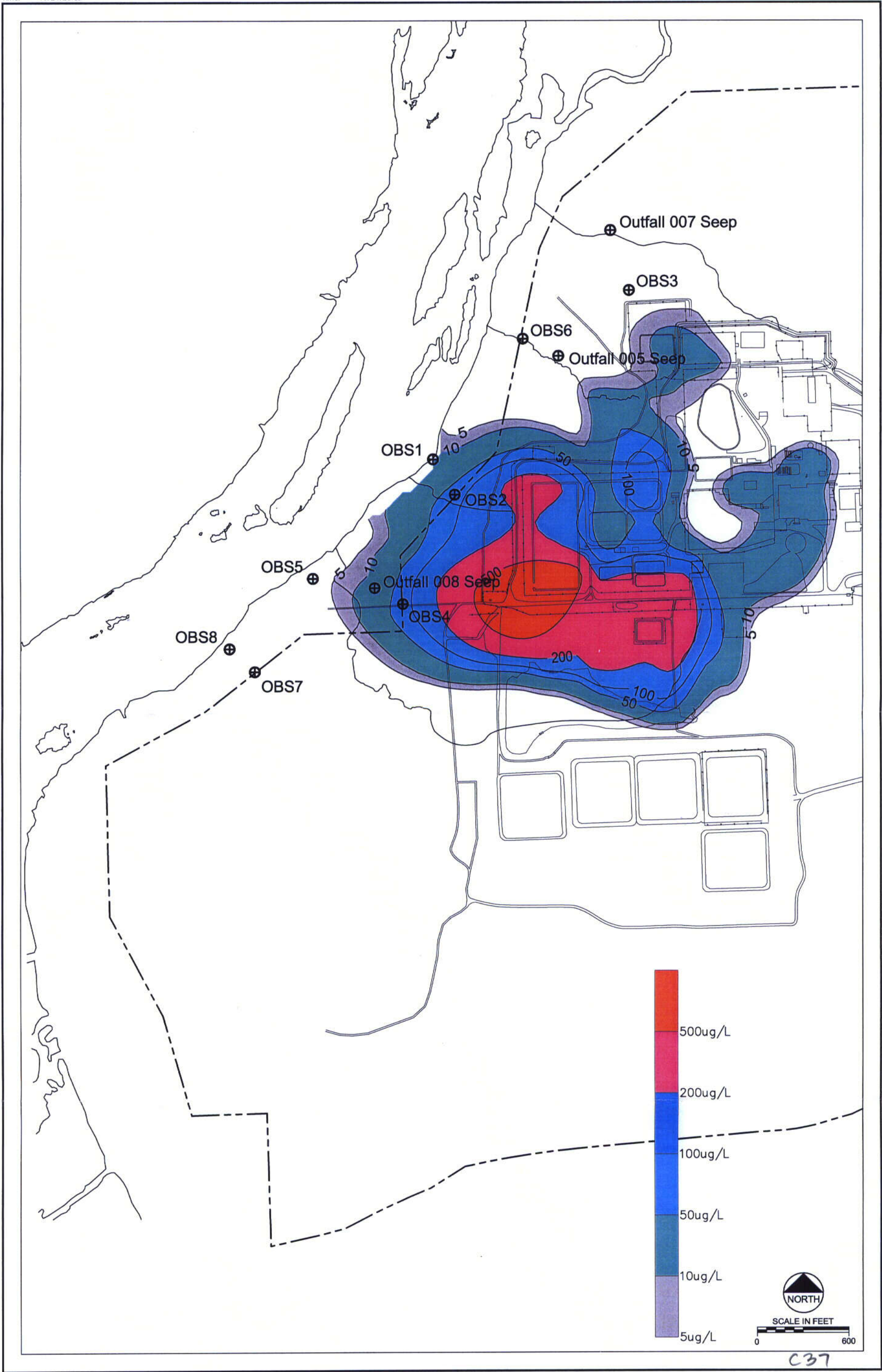


FIGURE 8-62
NITRATE CONCENTRATIONS AT OBSERVATION POINT 6

Date:	OCTOBER 2002
Project:	P.100734-2\REV CHAR RPT
File:	NIT CONC.ppt



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FIGURE 8-63
MODELED ARSENIC MAXIMUM INITIAL CONCENTRATIONS

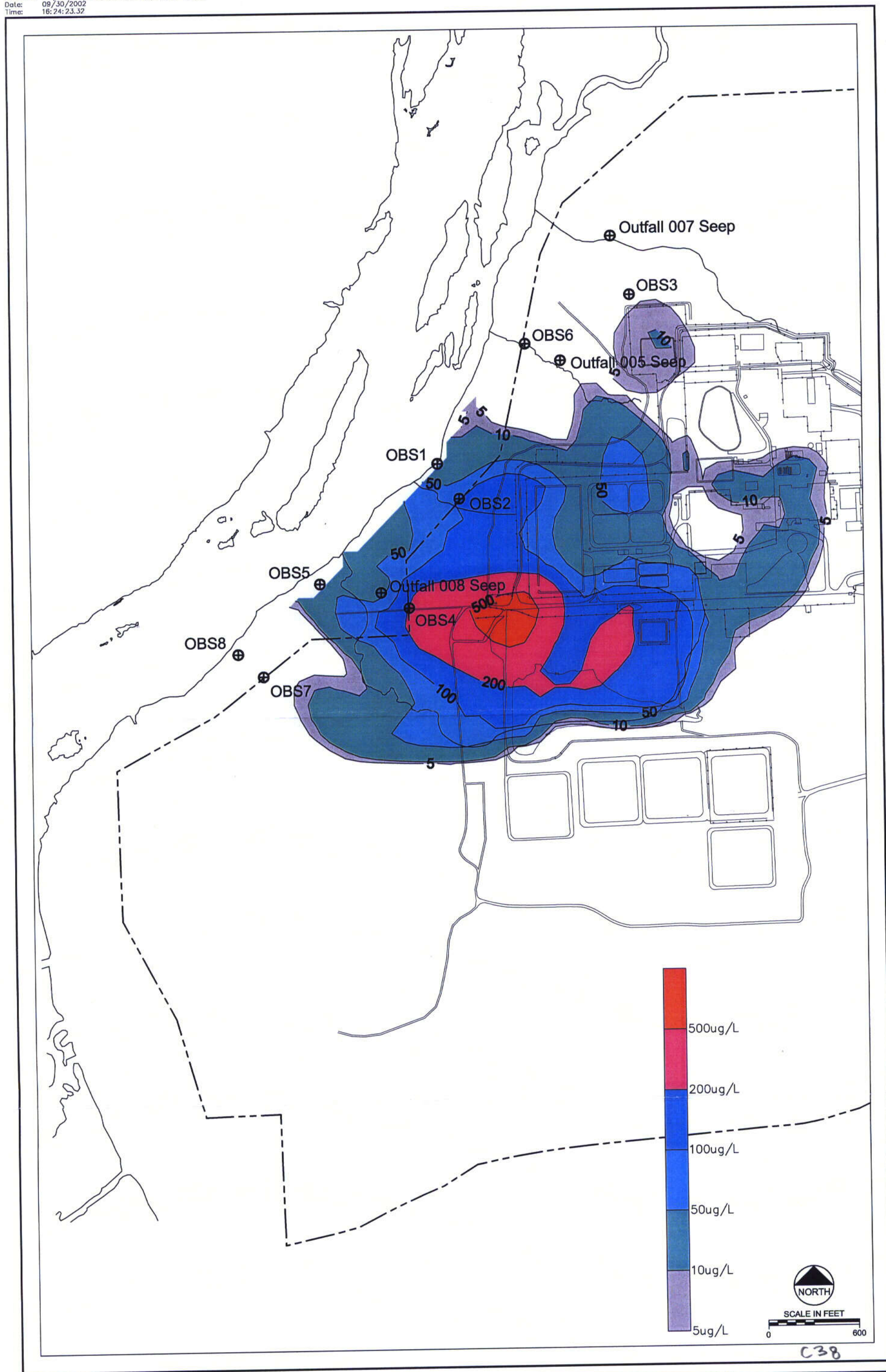


FIGURE 8-64
 MODELED ARSENIC MAXIMUM CONCENTRATIONS 5 YEARS

Date: OCTOBER 2002
 Project: 100734\REVISED-2002-AUG\years-as.dwg
 File: YEARS-AS.DWG



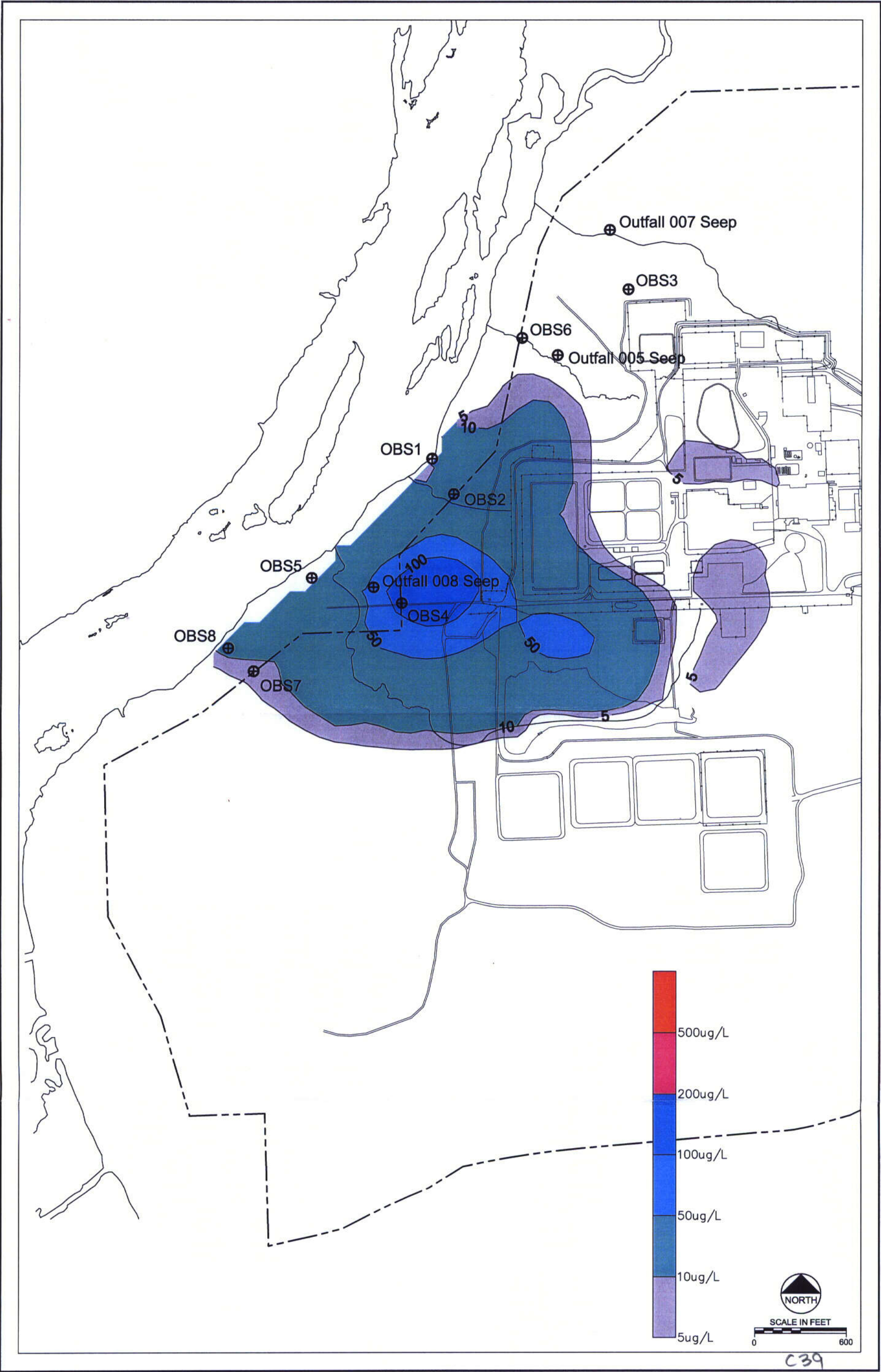


FIGURE 8-65
MODELED ARSENIC MAXIMUM CONCENTRATIONS 25 YEARS

Date: OCTOBER 2002
Project: 100734\REVISED-2002-AUG\years-as.dwg
File: YEARS-AS.DWG



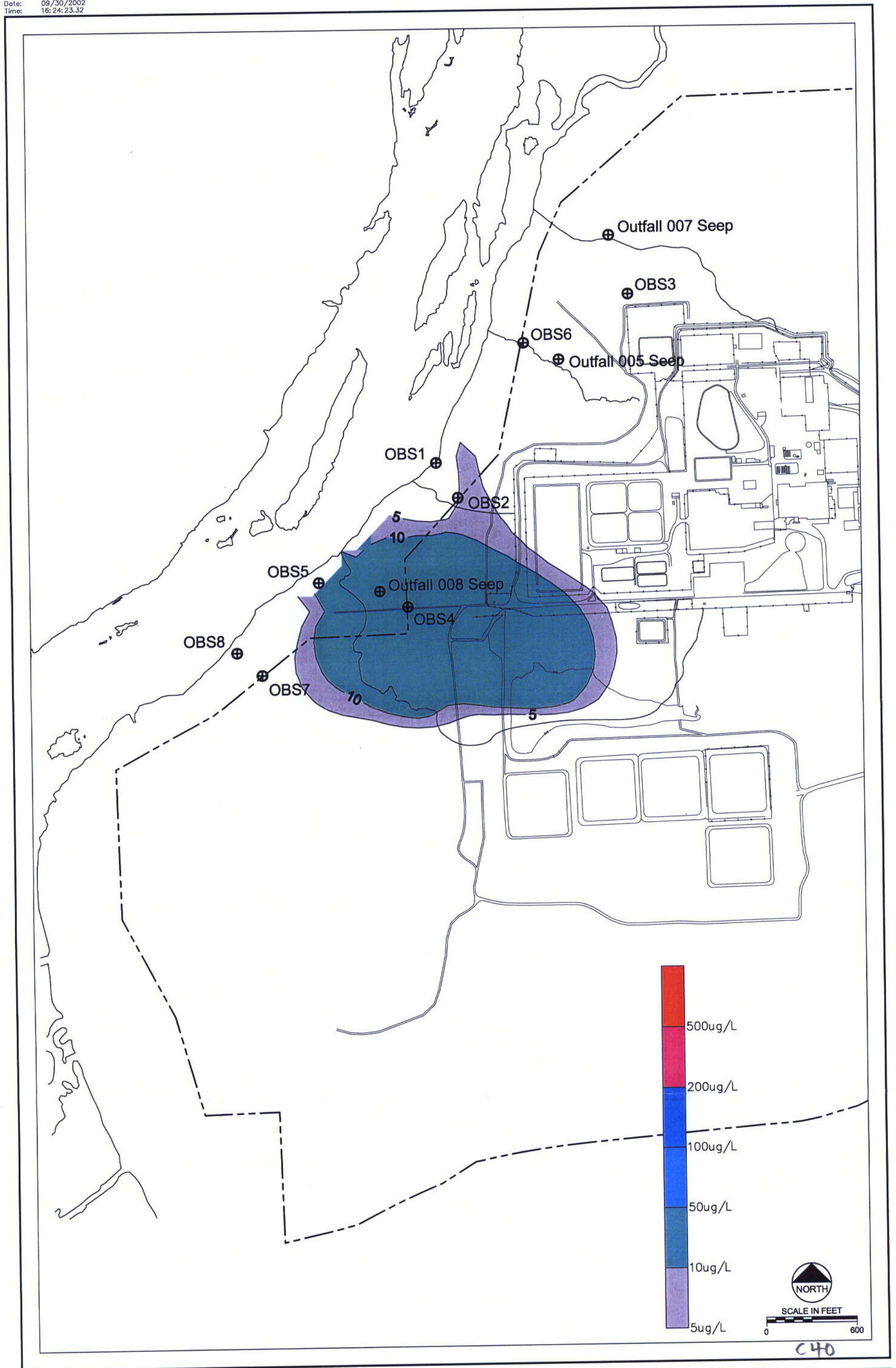
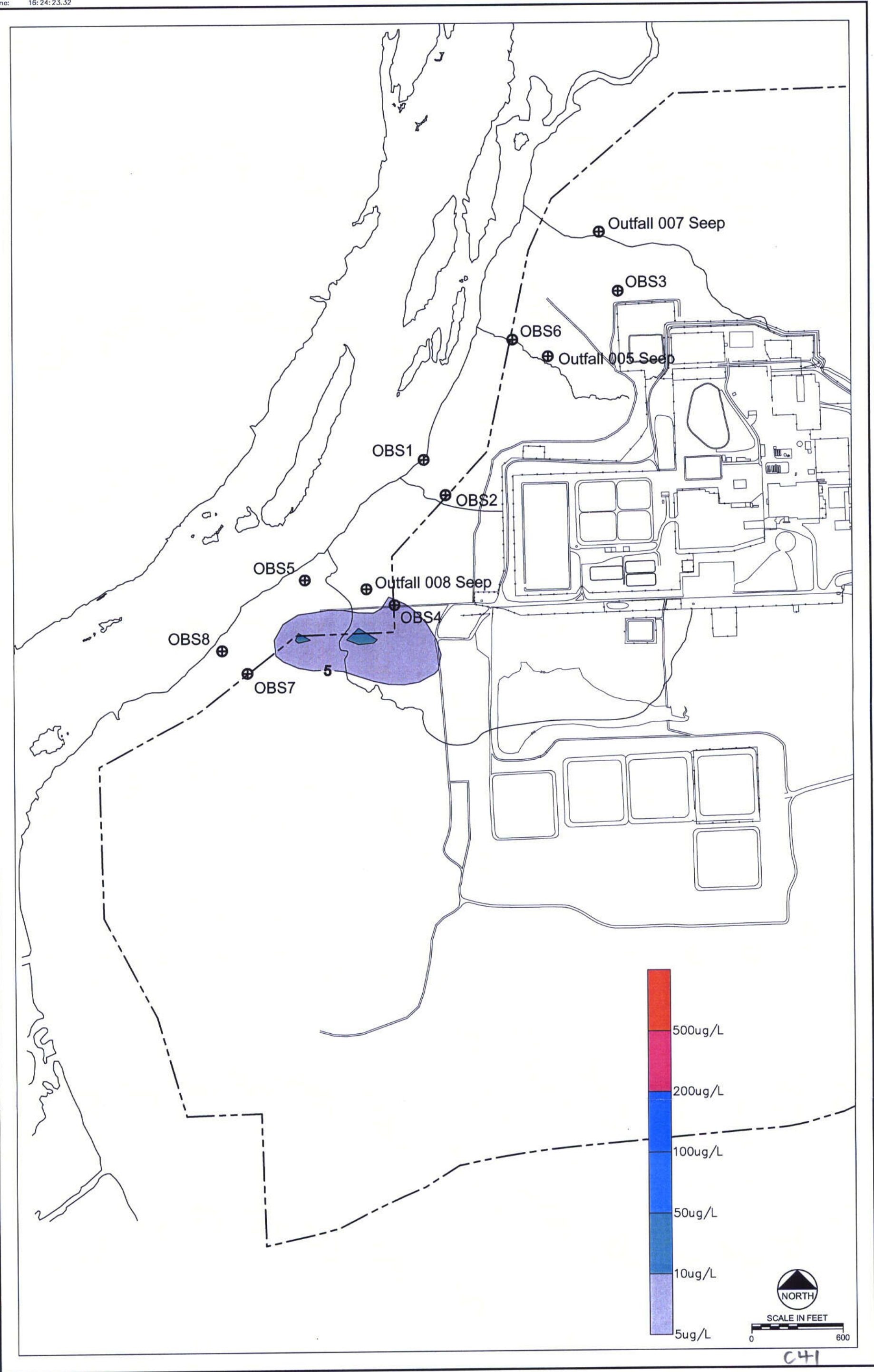


FIGURE 8-66
 MODELED ARSENIC MAXIMUM CONCENTRATIONS 50 YEARS

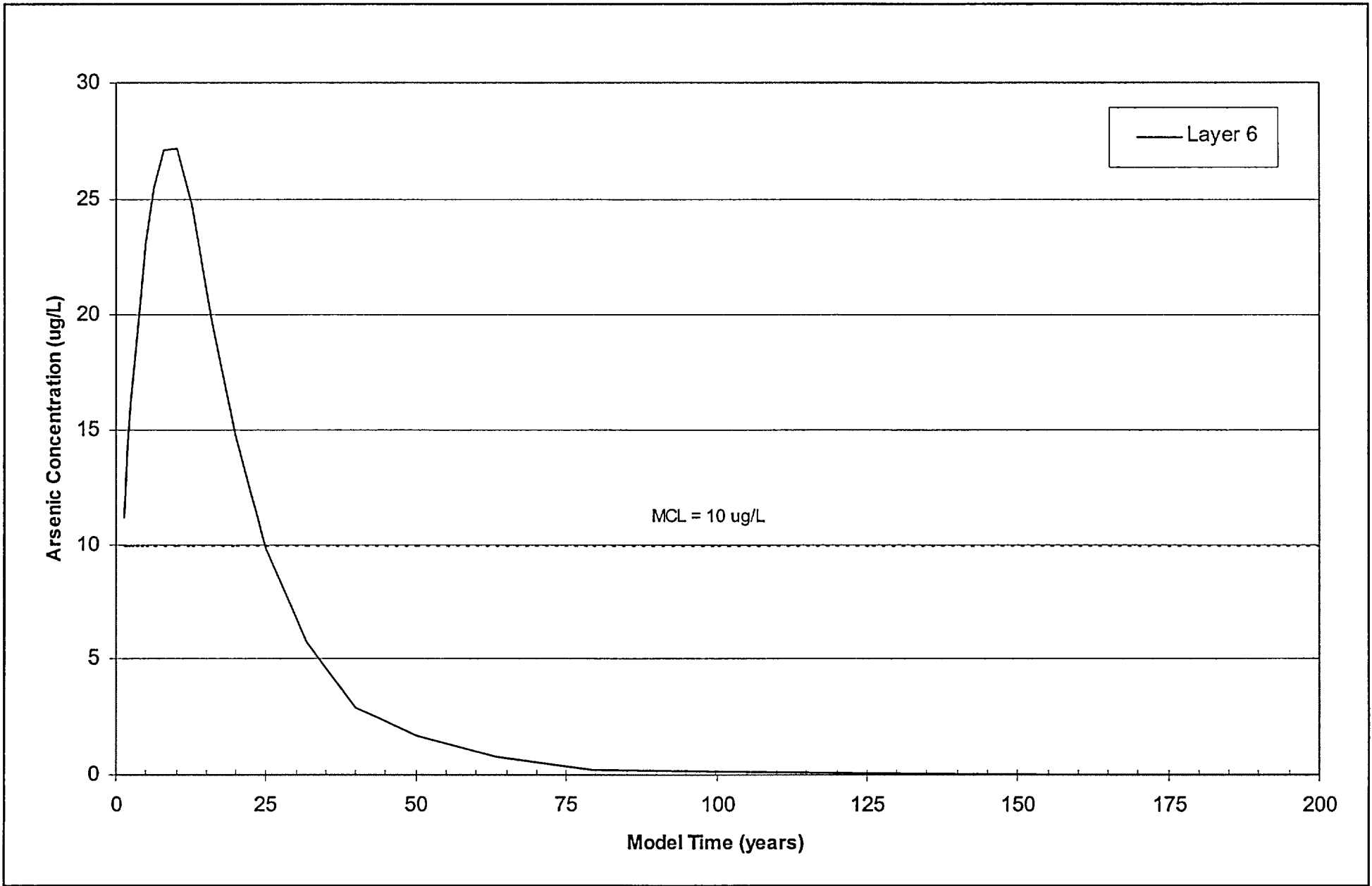


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FIGURE 8-67
MODELED ARSENIC MAXIMUM CONCENTRATIONS 100 YEARS

Date:	OCTOBER 2002
Project:	100734\REVISED-20
File:	YEARS-AS.DWG



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FIGURE 8-68
MODELED ARSENIC CONCENTRATION AT OBSERVATION POINT 1

Date:	OCTOBER 2002
Project:	P:\100734-2\REV CHAR RPT
File:	OBS ARSENIC.ppt

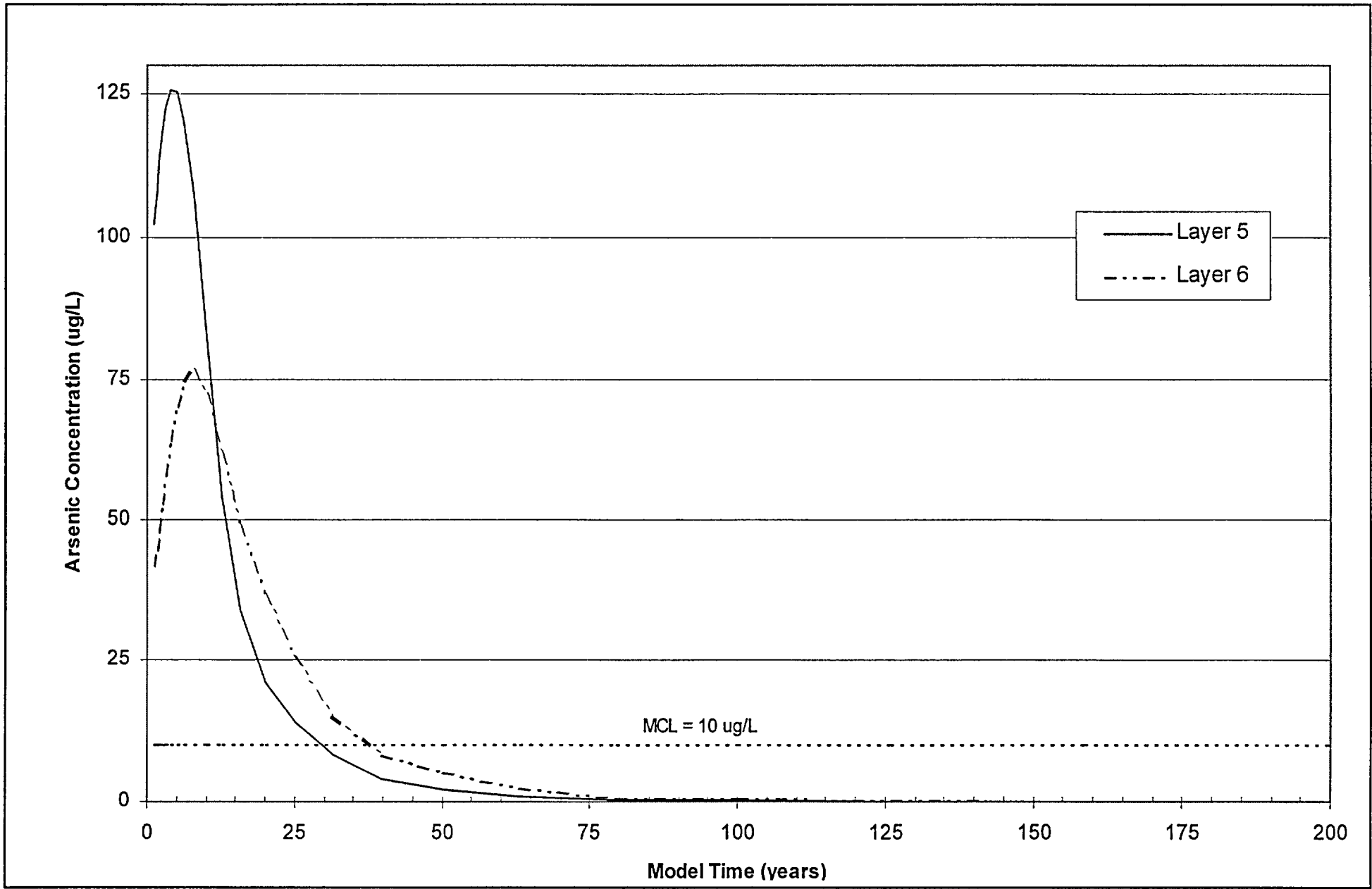


FIGURE 8-69
MODELED ARSENIC CONCENTRATION AT OBSERVATION POINT 2

Date:	OCTOBER 2002
Project:	P.1100734-2\REV CHAR RPT
File:	OBS ARSENIC.ppt

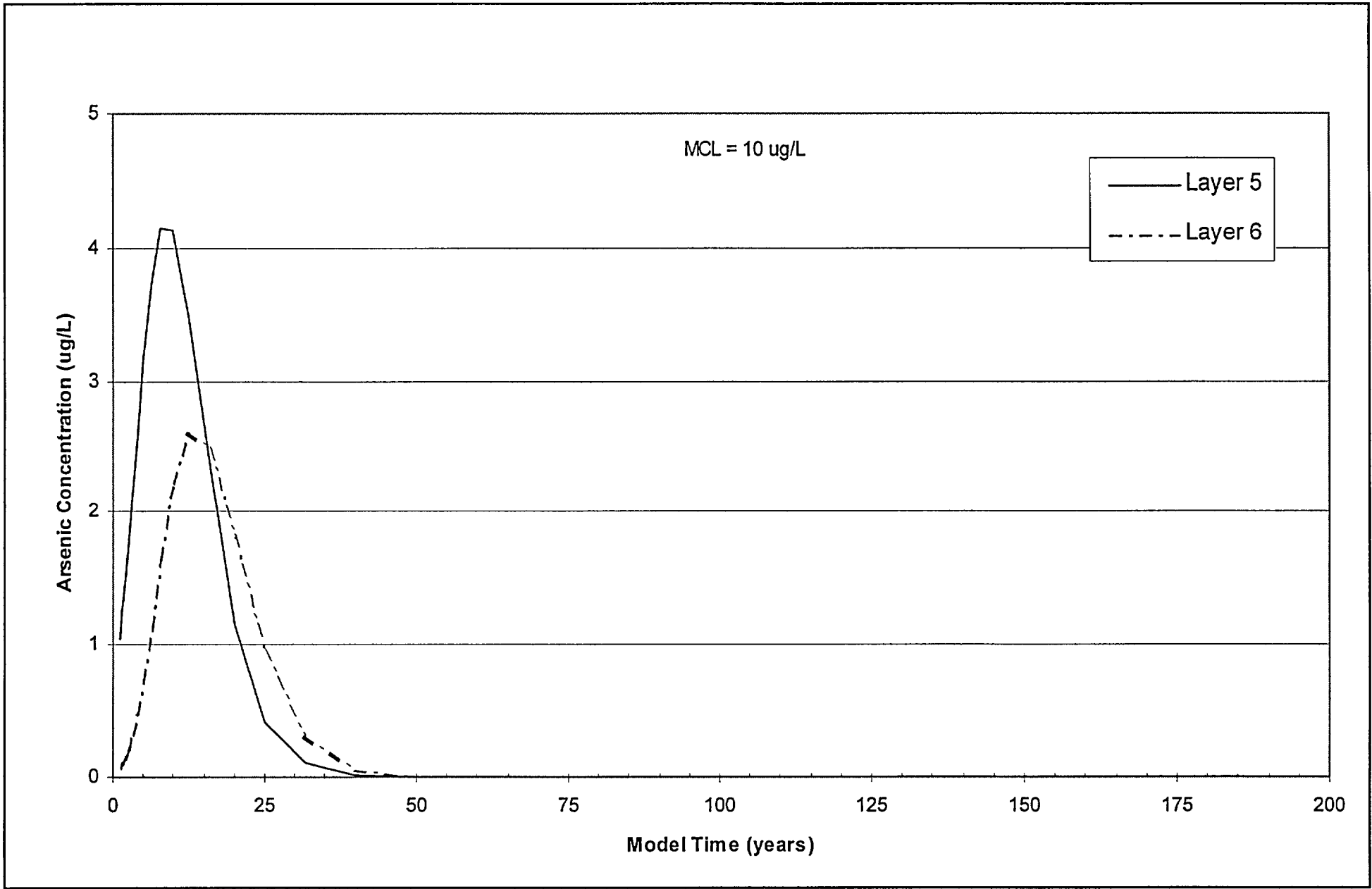


FIGURE 8-70
MODELED ARSENIC CONCENTRATION AT OBSERVATION POINT 3

Date:	OCTOBER 2002
Project:	P:\100734-2\REV CHAR RPT
File:	OBS ARSENIC.ppt

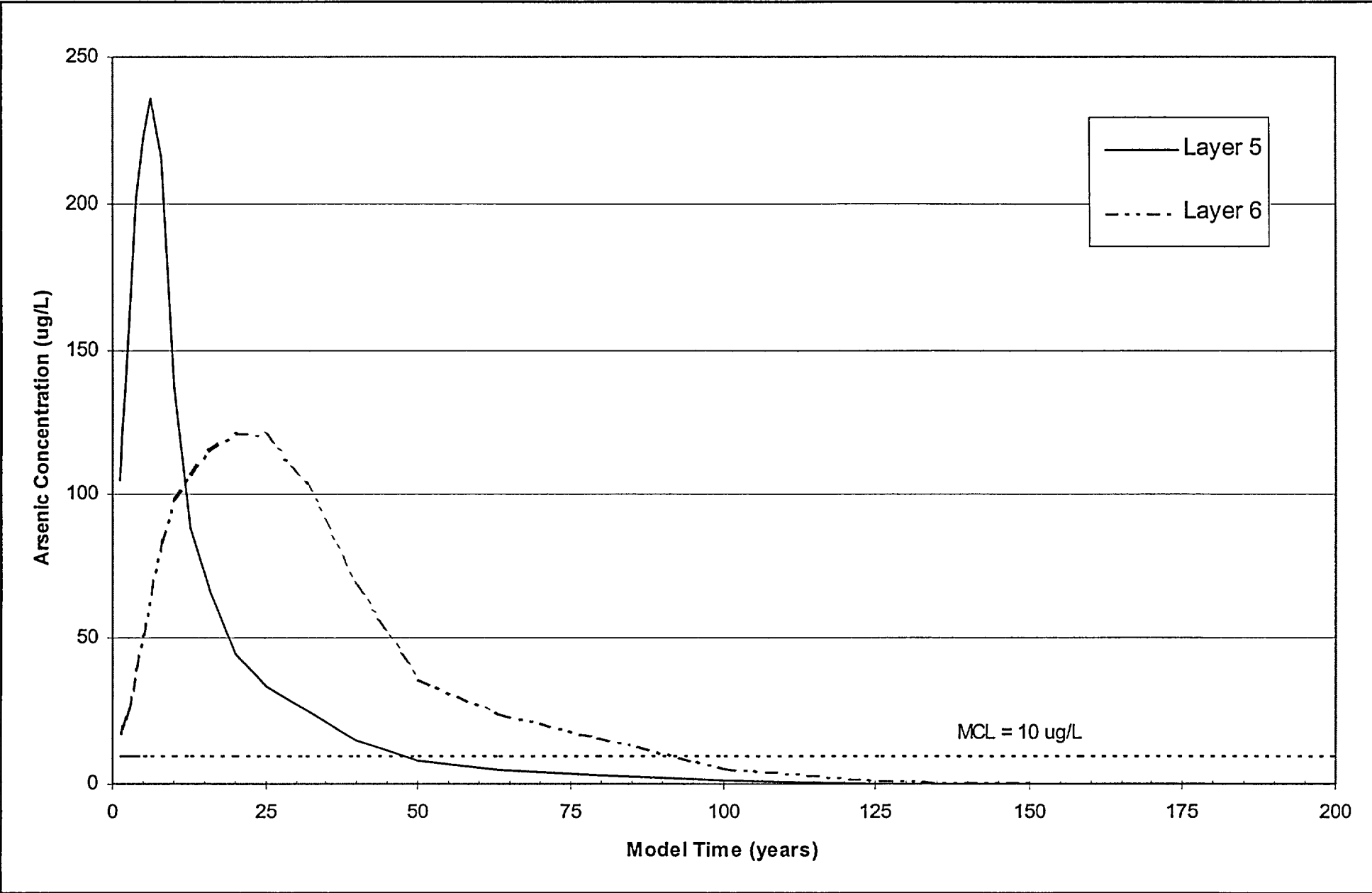
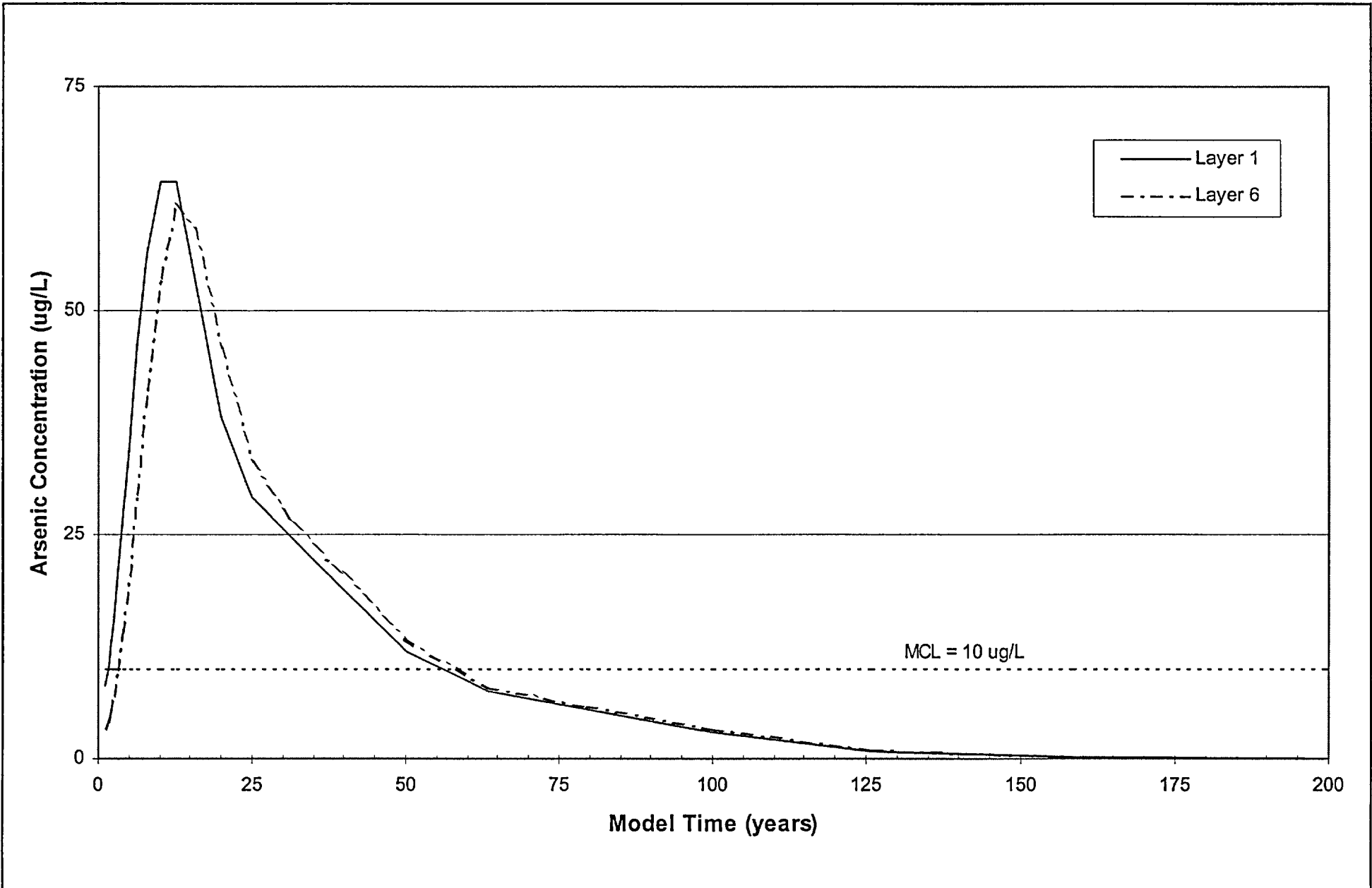


FIGURE 8-71
MODELED ARSENIC CONCENTRATION AT OBSERVATION POINT 4

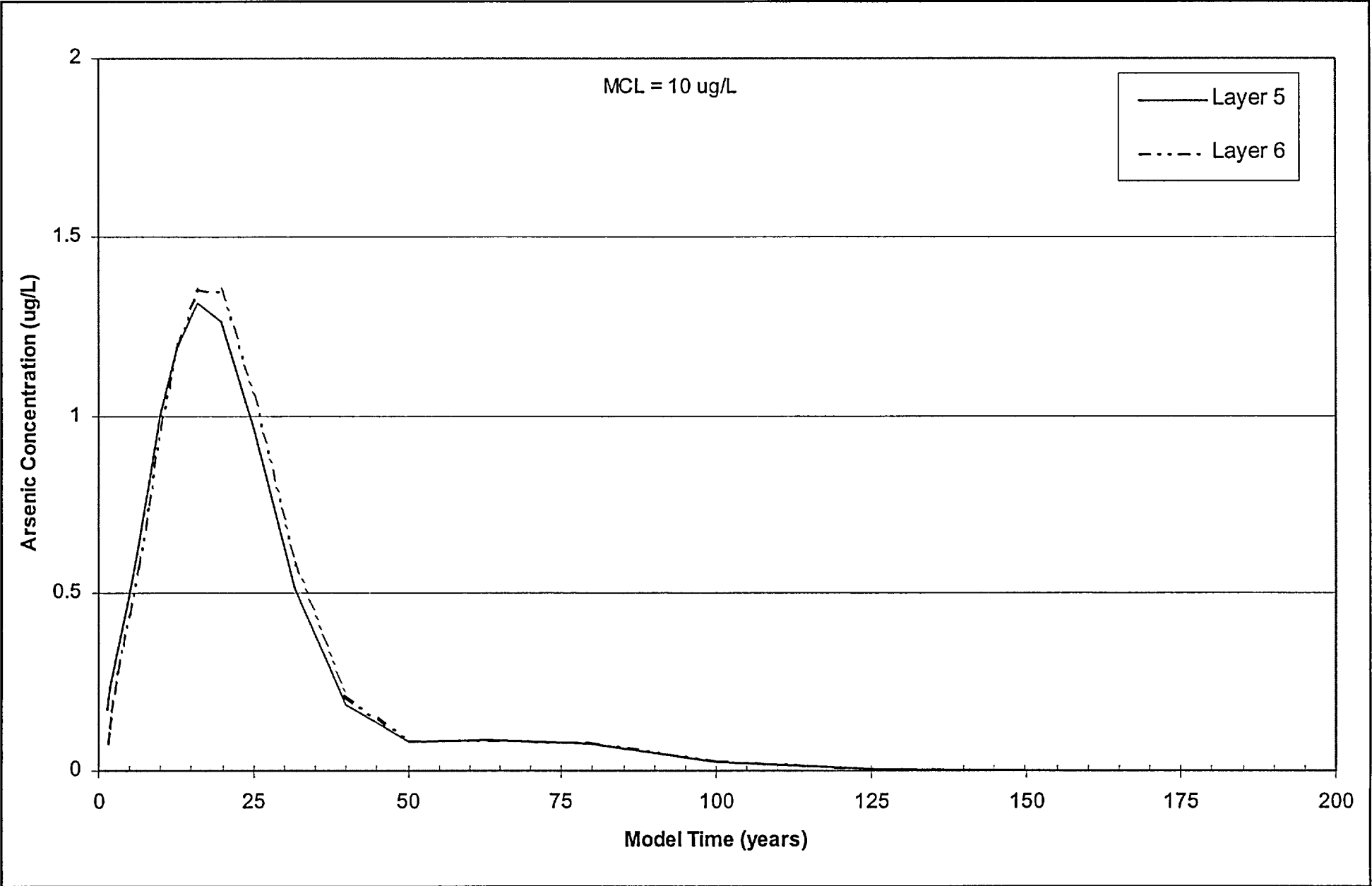
Date:	OCTOBER 2002
Project:	P:\100734-2\REV CHAR RPT
File:	OBS ARSENIC ppt



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FIGURE 8-72
MODELED ARSENIC CONCENTRATION AT OBSERVATION POINT 5

Date:	OCTOBER 2002
Project:	P:\100734-2\REV CHAR RPT
File:	OBS ARSENIC.ppt



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FIGURE 8-73
MODELED ARSENIC CONCENTRATION AT OBSERVATION POINT 6

Date:	OCTOBER 2002
Project:	P:\100734-2\REV CHAR RPT
File:	OBS ARSENIC ppt

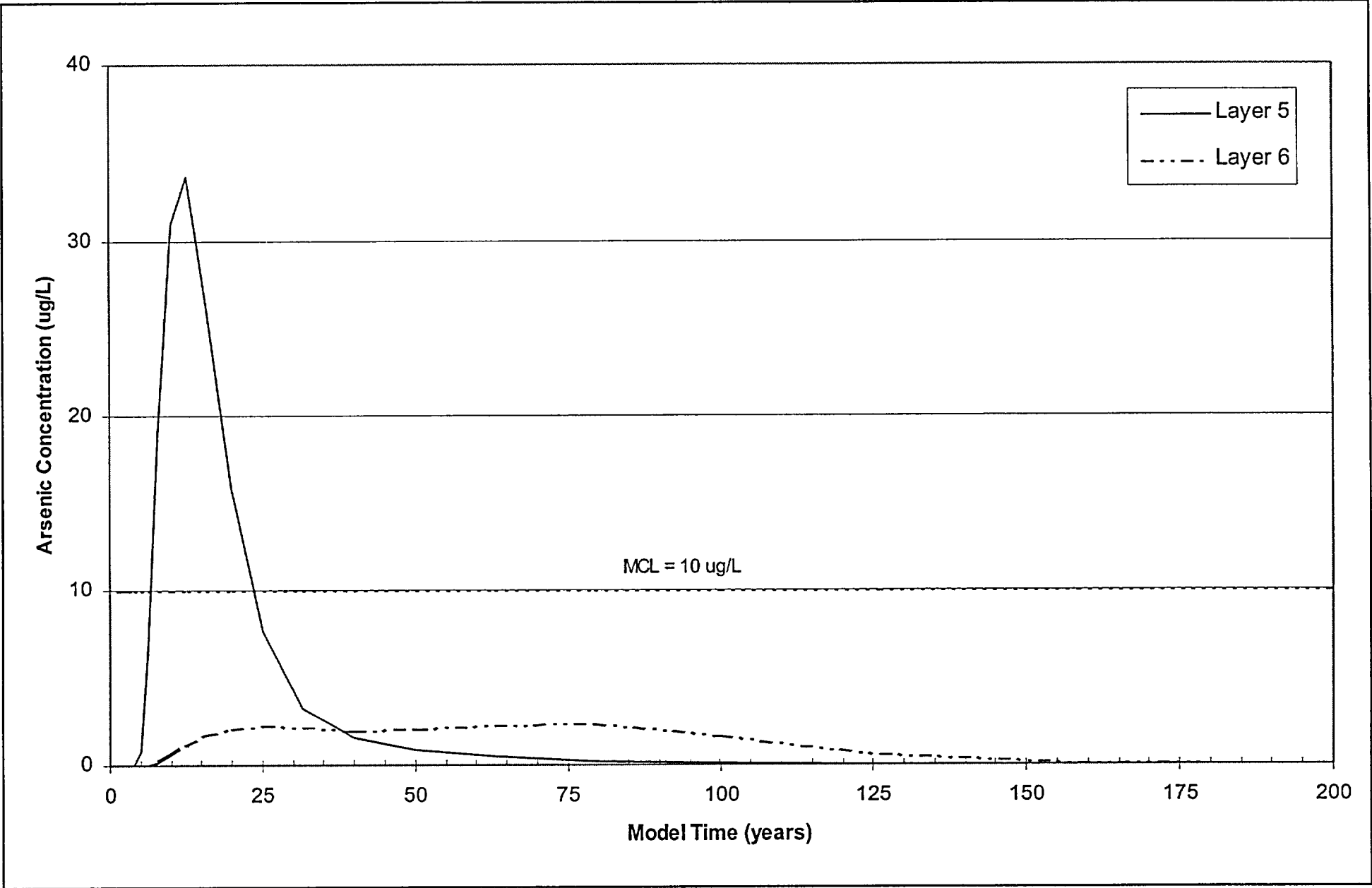


FIGURE 8-74
MODELED ARSENIC CONCENTRATION AT OBSERVATION POINT 7

Date:	OCTOBER 2002
Project:	P:\100734-2\REV CHAR RPT
File:	OBS ARSENIC ppt

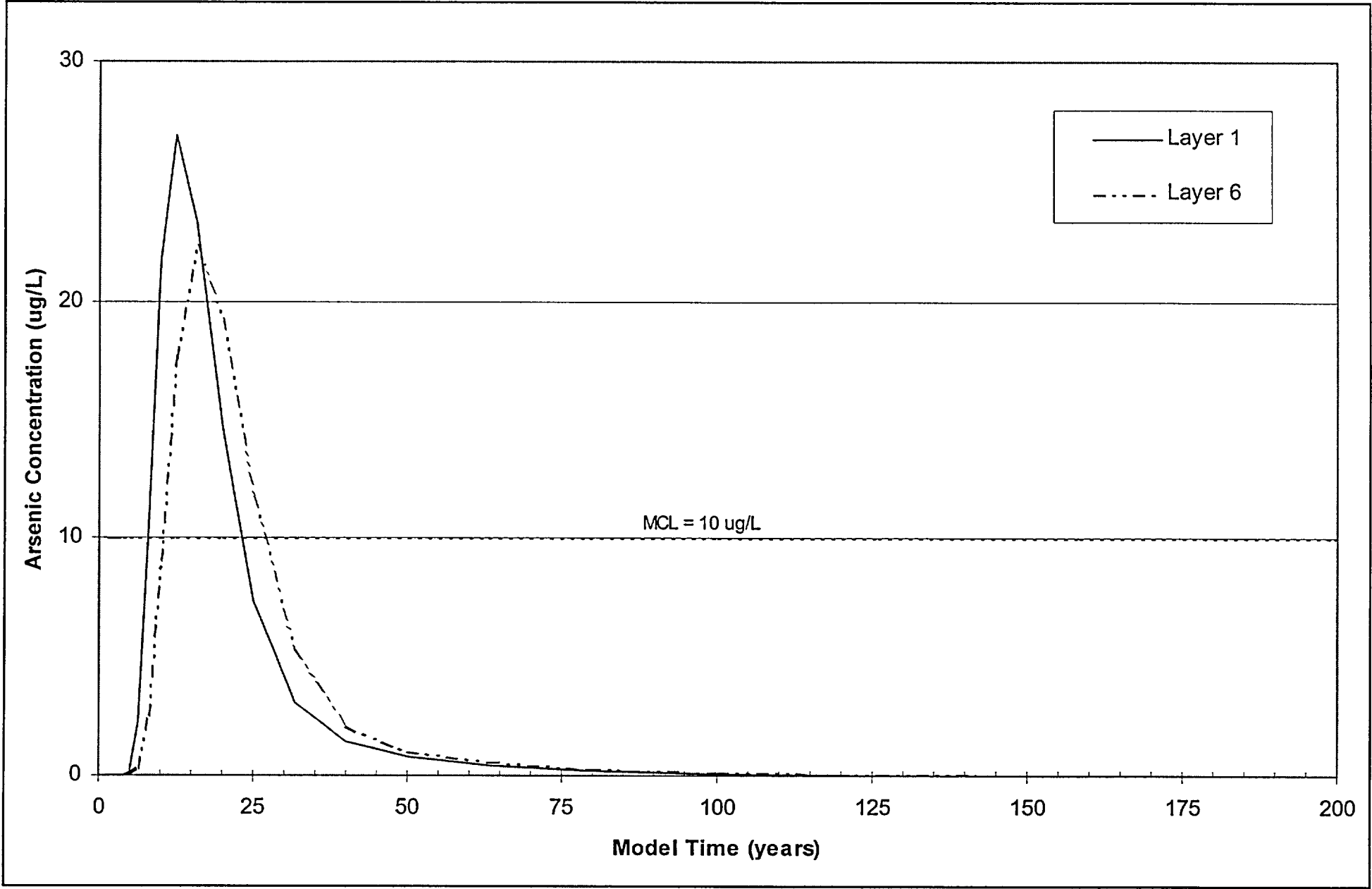


FIGURE 8-75
MODELED ARSENIC CONCENTRATION AT OBSERVATION POINT 8

Date:	OCTOBER 2002
Project:	P.1100734-2\REV CHAR RPT
File:	OBS ARSENIC.ppt

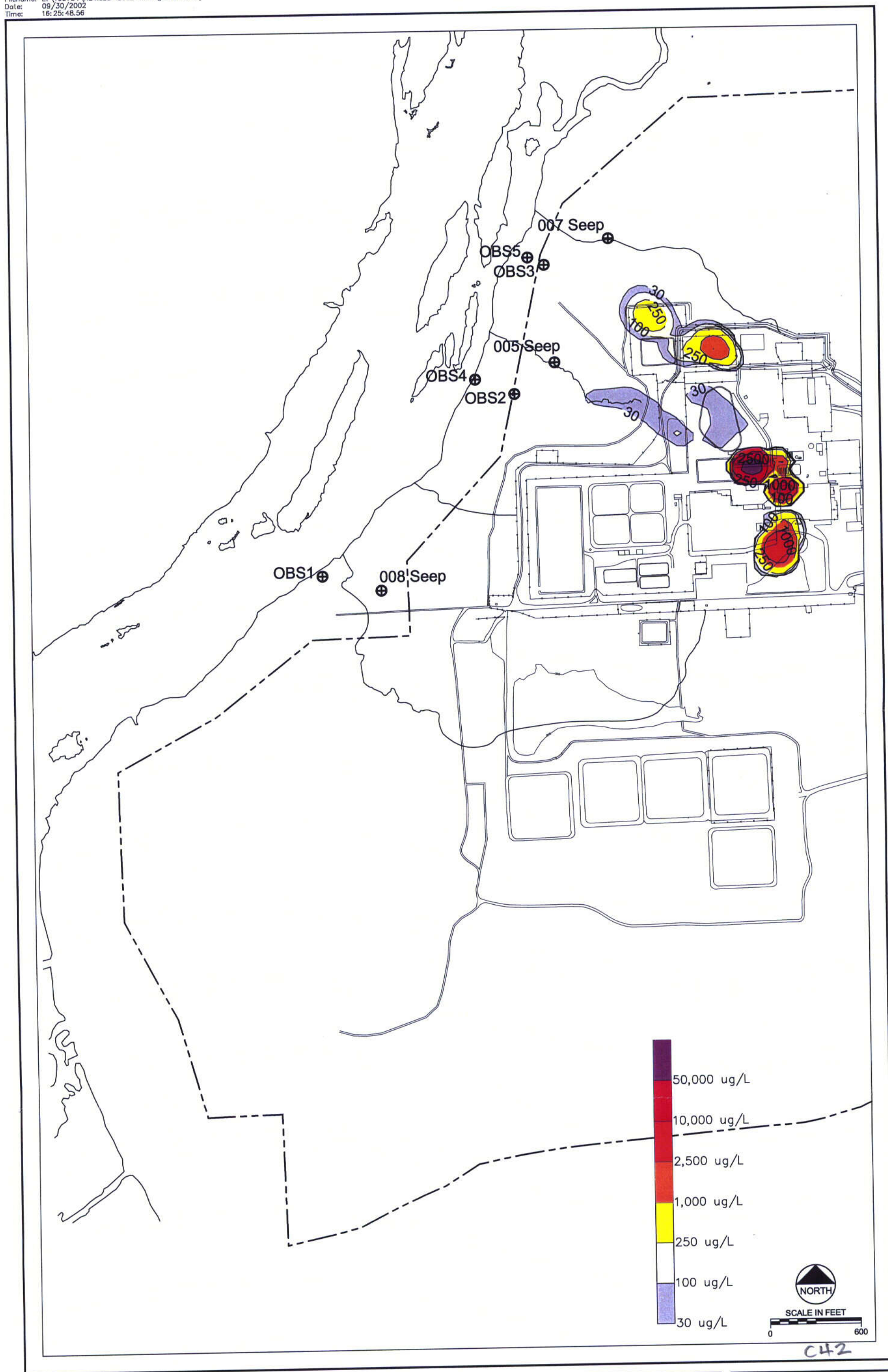
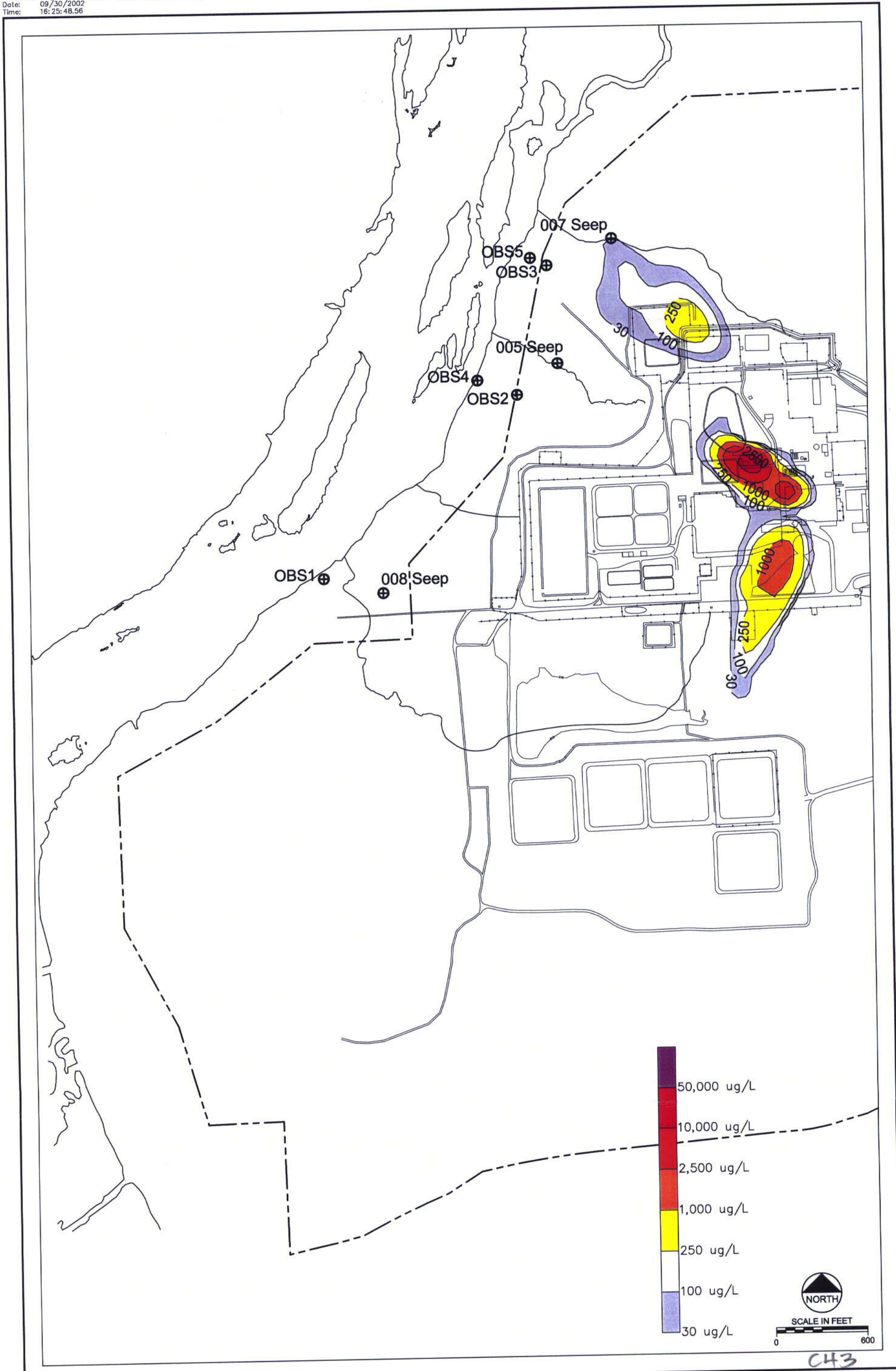


FIGURE 8-76
 MODELED URANIUM MAXIMUM INITIAL CONCENTRATIONS

Date:	OCTOBER 2002
Project:	100734\REVISED-20**
File:	YEARS-U.DWG



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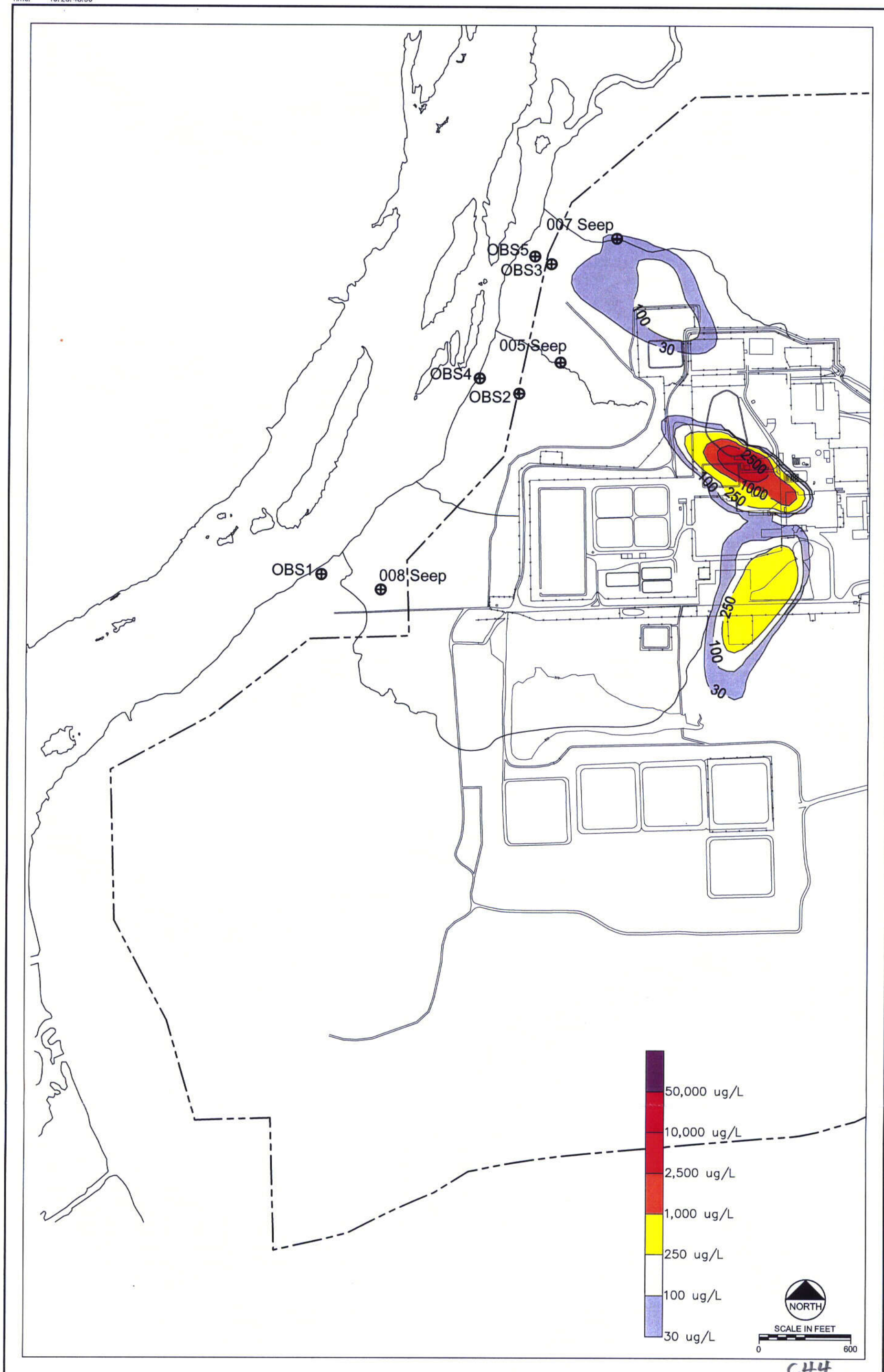


FIGURE 8-78
 MODELED URANIUM MAXIMUM CONCENTRATIONS 100 YEARS

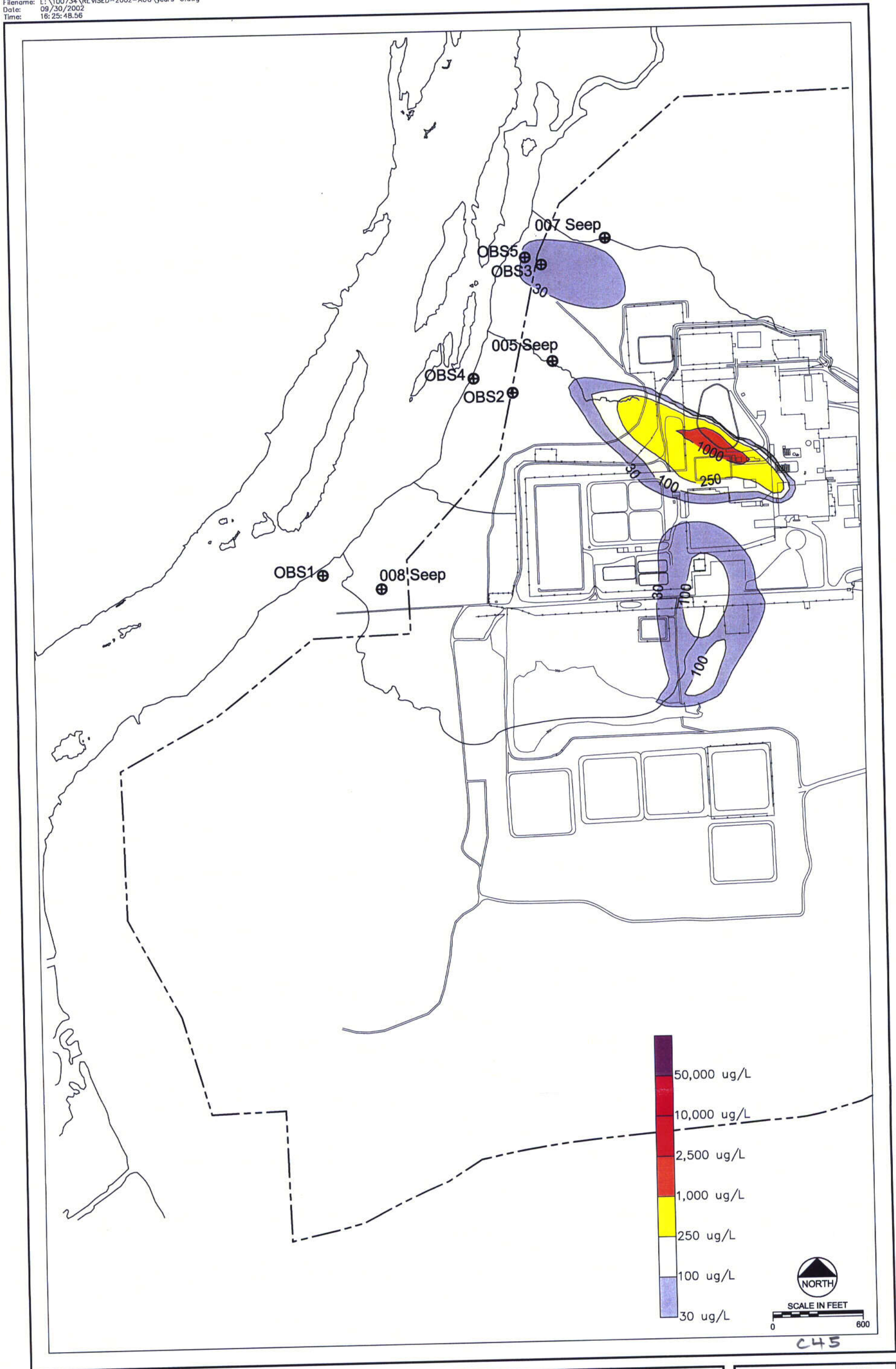


FIGURE 8-79
 MODELED URANIUM MAXIMUM CONCENTRATIONS 250 YEARS

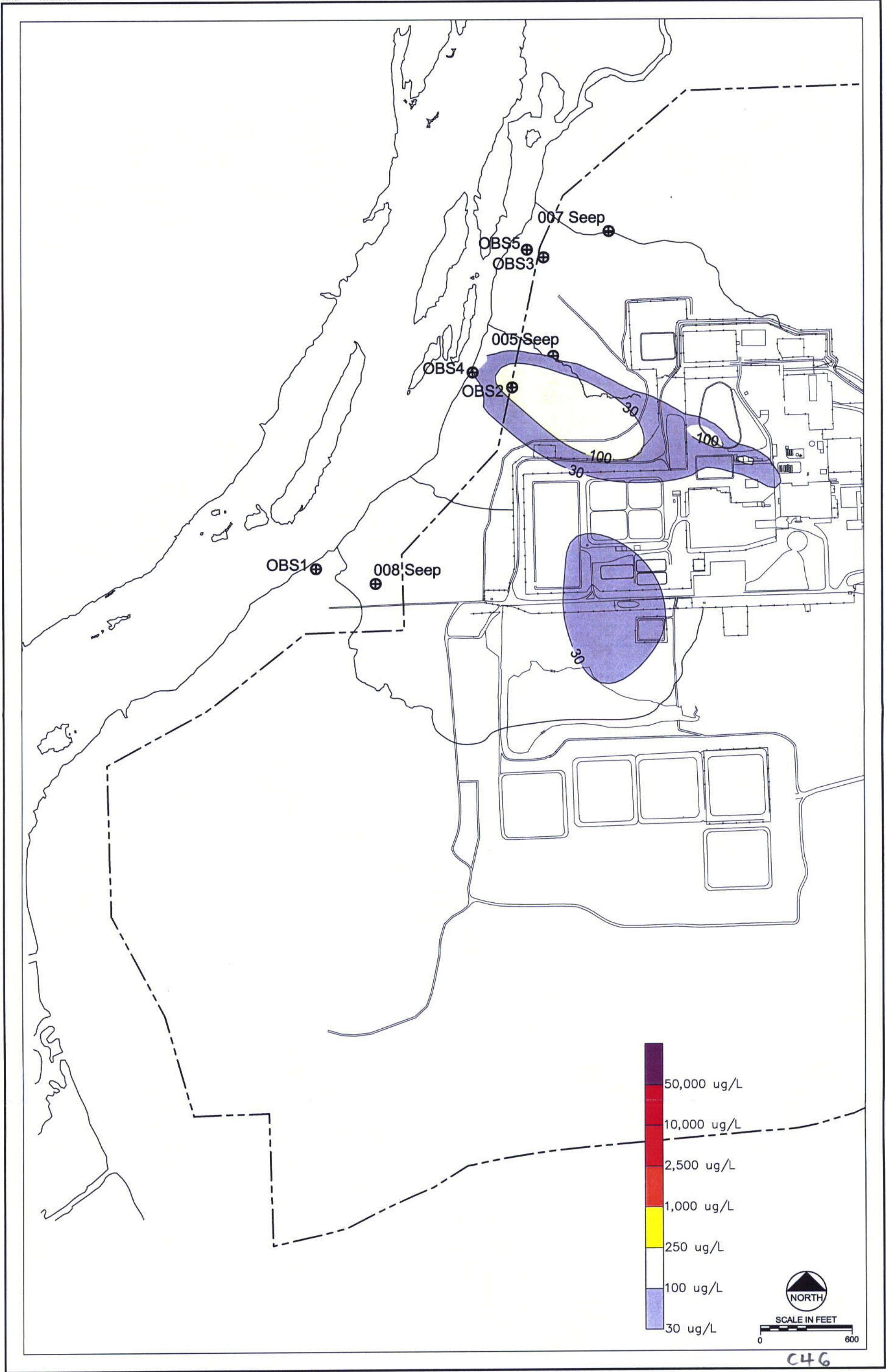


FIGURE 8-80
MODELED URANIUM MAXIMUM CONCENTRATIONS 500 YEARS



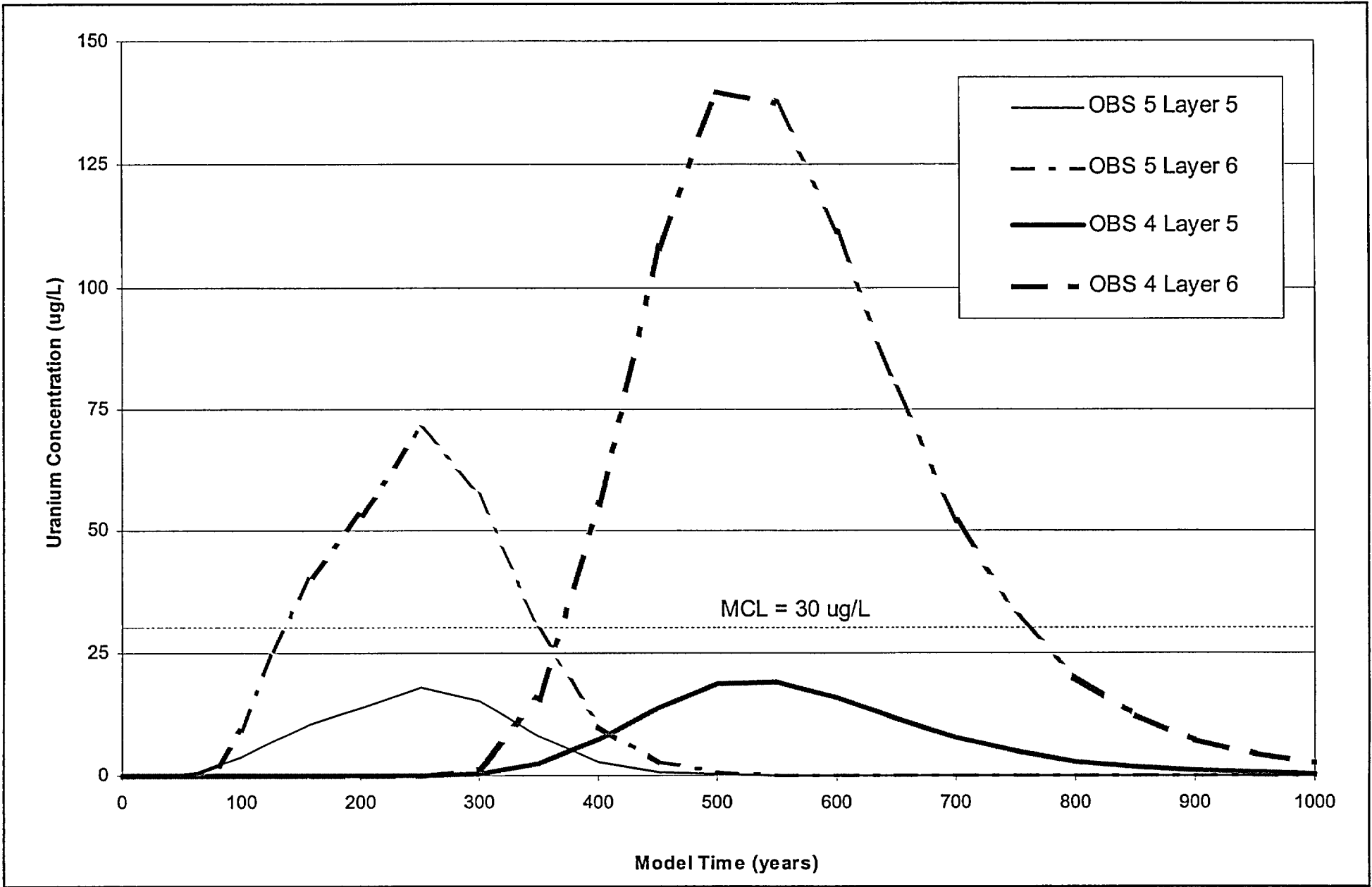
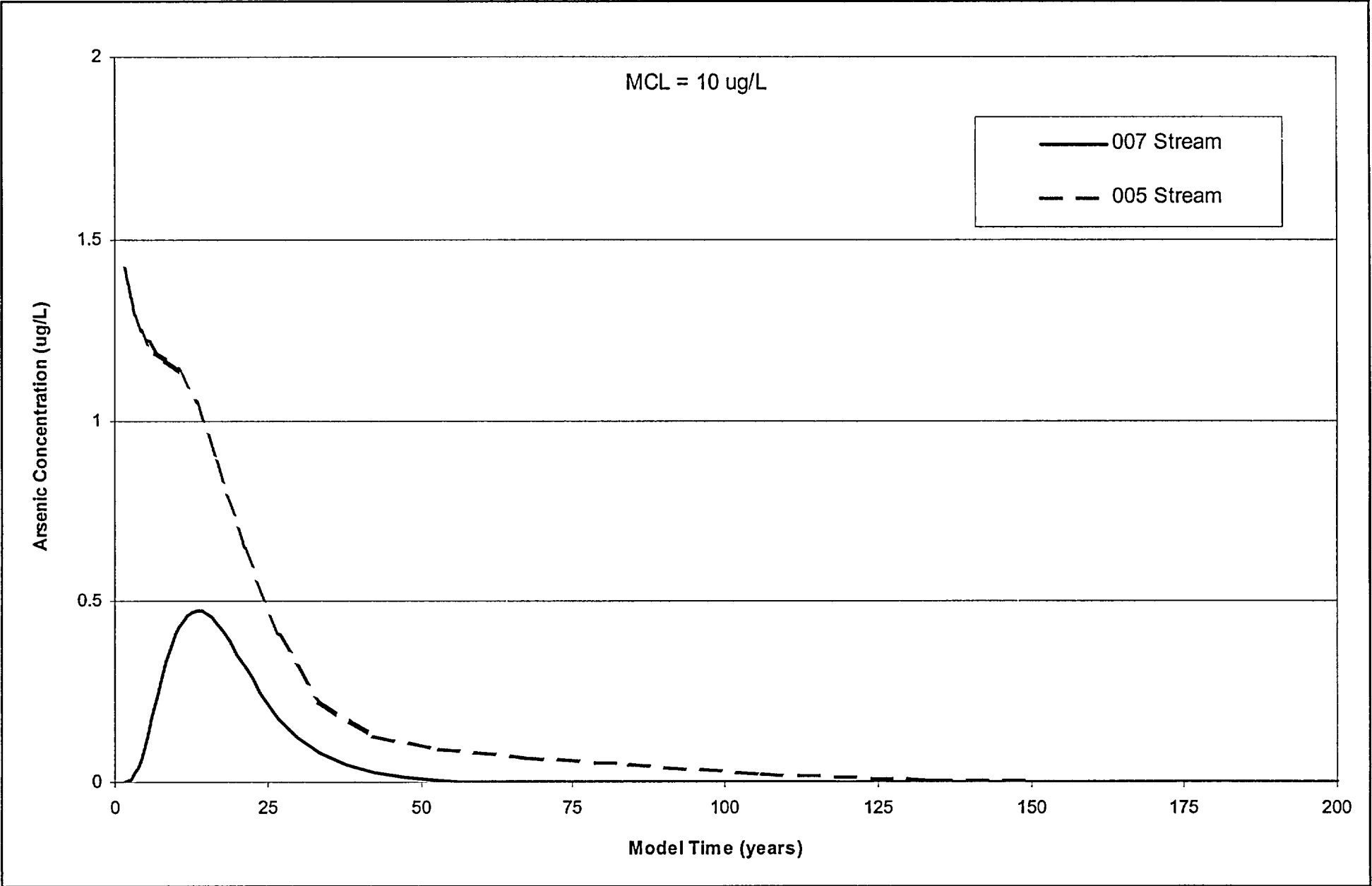


FIGURE 8-81
URANIUM CONCENTRATIONS AT OBSERVATION POINTS 4 AND 5

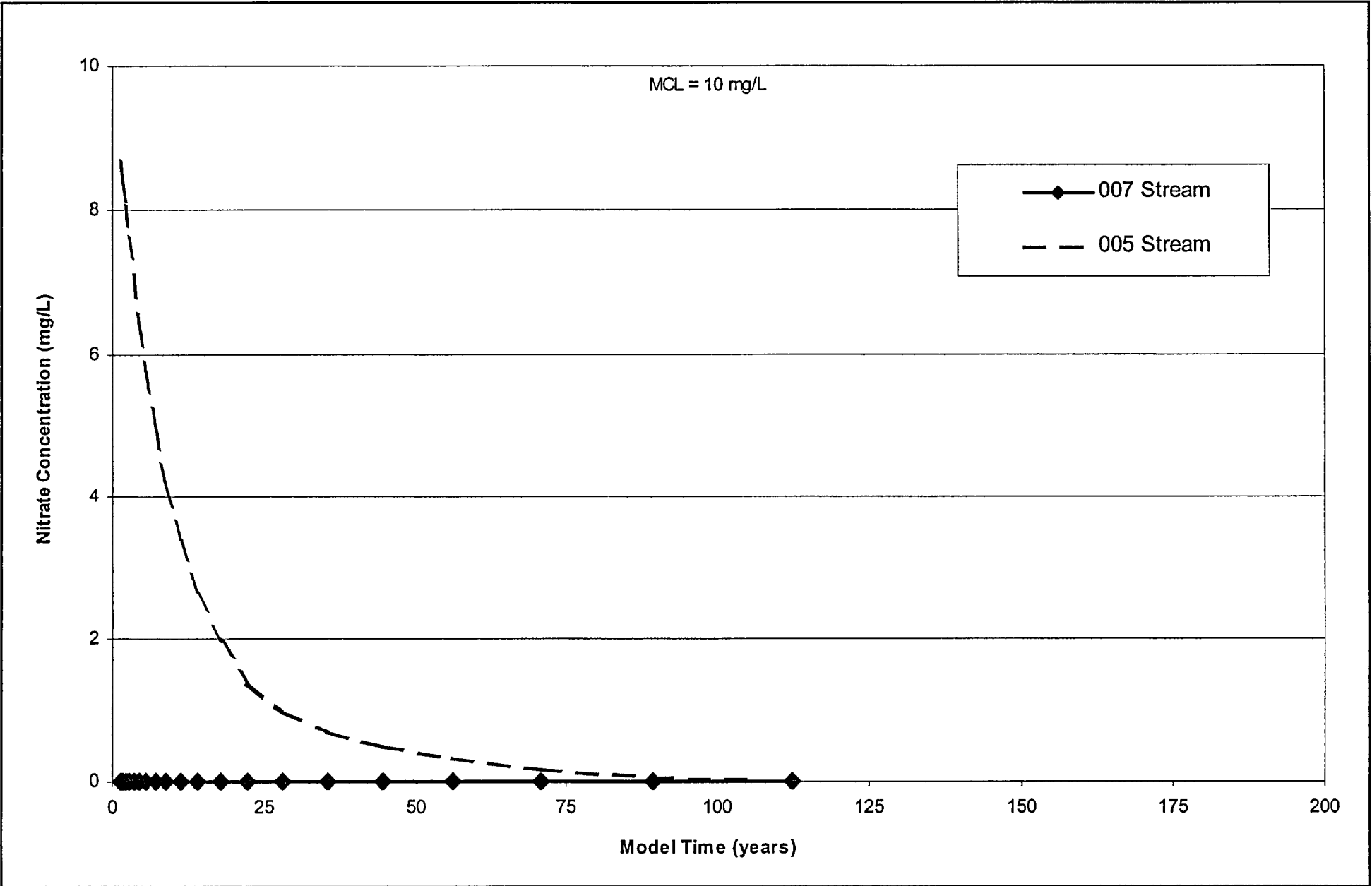
Date:	OCTOBER 2002
Project:	P.\100734-2\REV CHAR RPT
File:	U CONC.ppt



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FIGURE 8-82
ARSENIC CONCENTRATIONS IN STREAMS

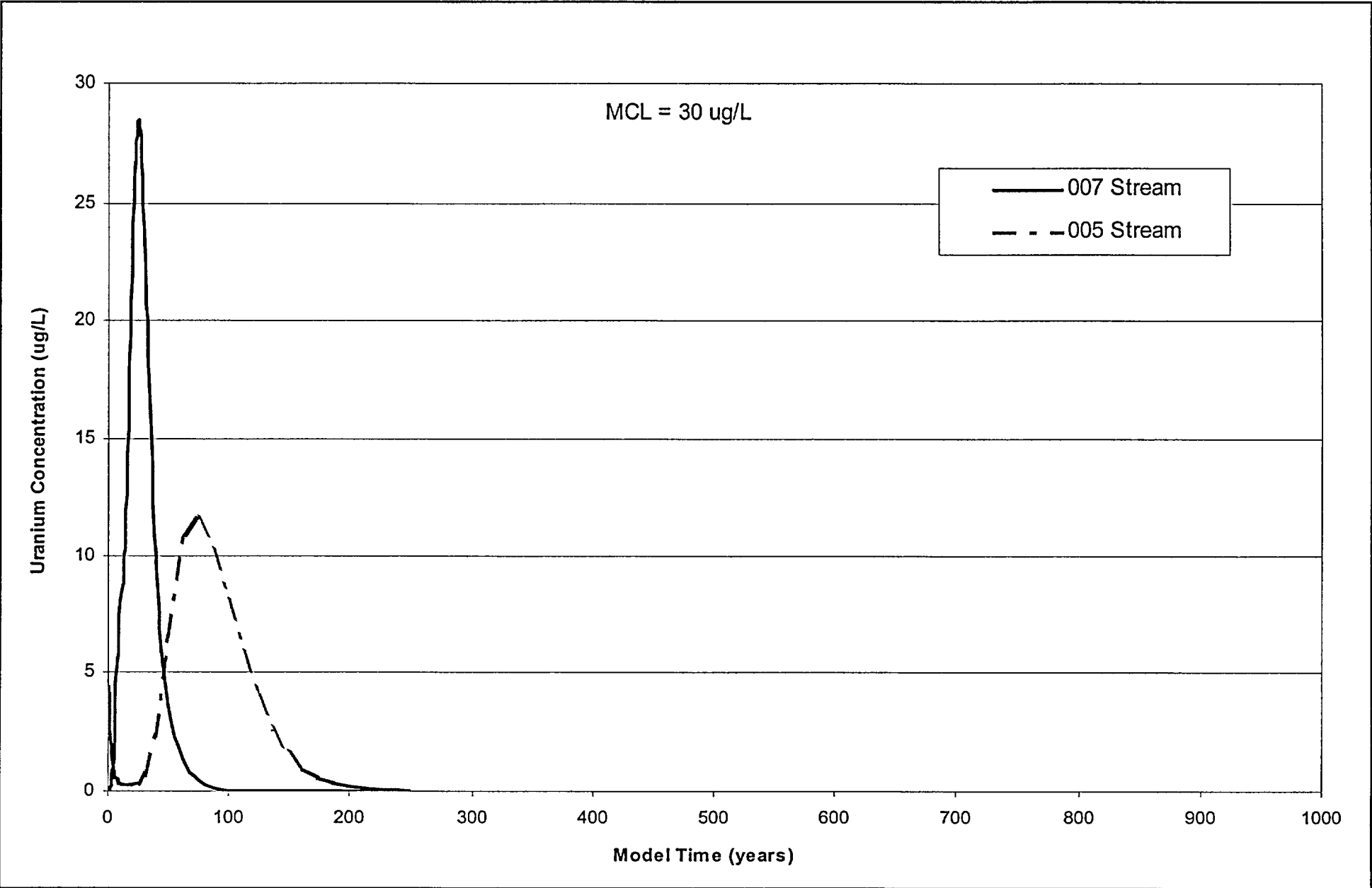
Date:	OCTOBER 2002
Project:	P:\100734-2\REV CHAR RPT
File:	STREAMS.ppt



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FIGURE 8-83
NITRATE CONCENTRATIONS IN STREAMS

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File:	STREAMS.ppt



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FIGURE 8-84
URANIUM CONCENTRATIONS IN STREAMS

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File:	STREAMS ppt

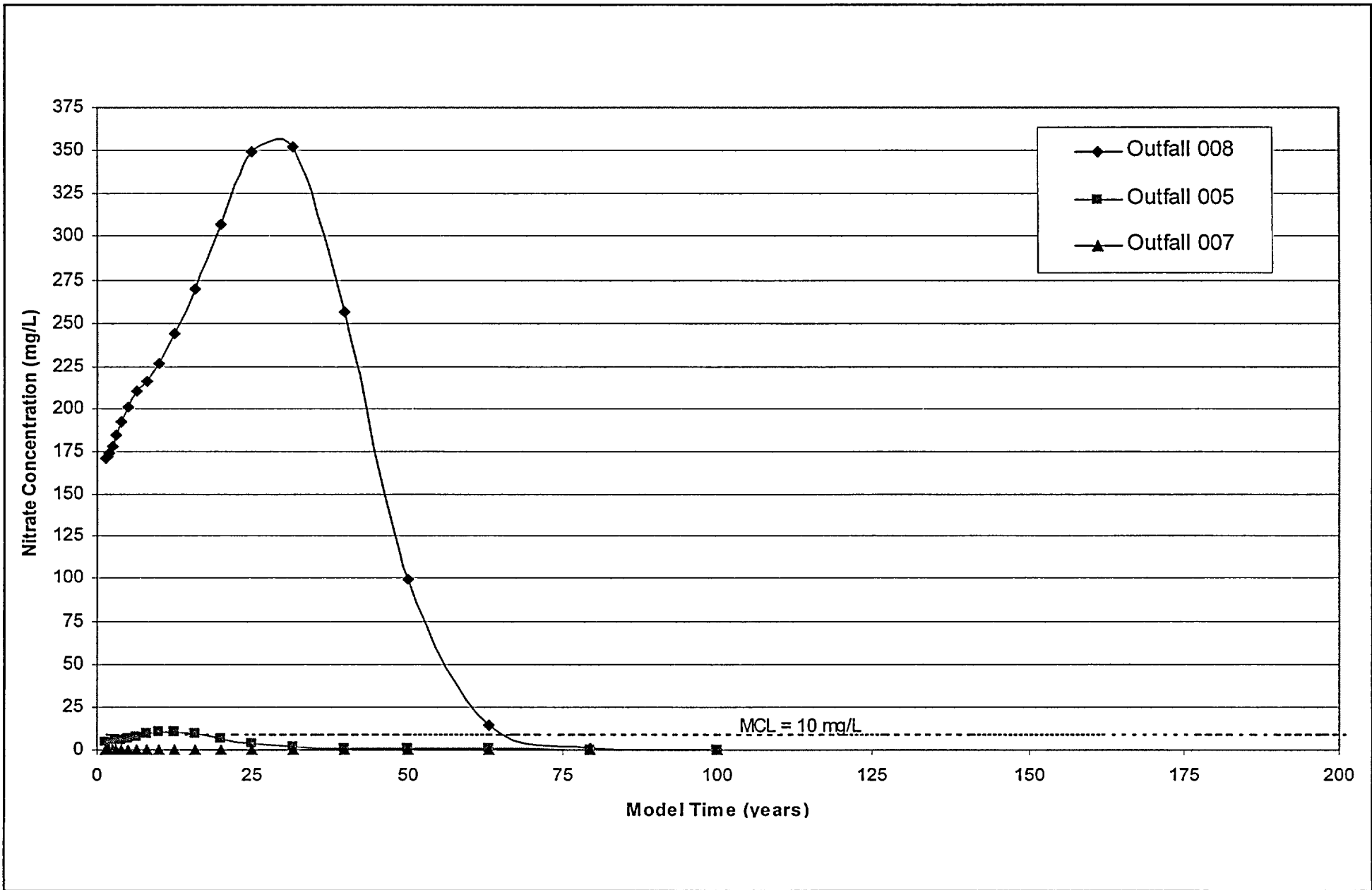


FIGURE 8-85
NITRATE CONCENTRATIONS IN SEEPS

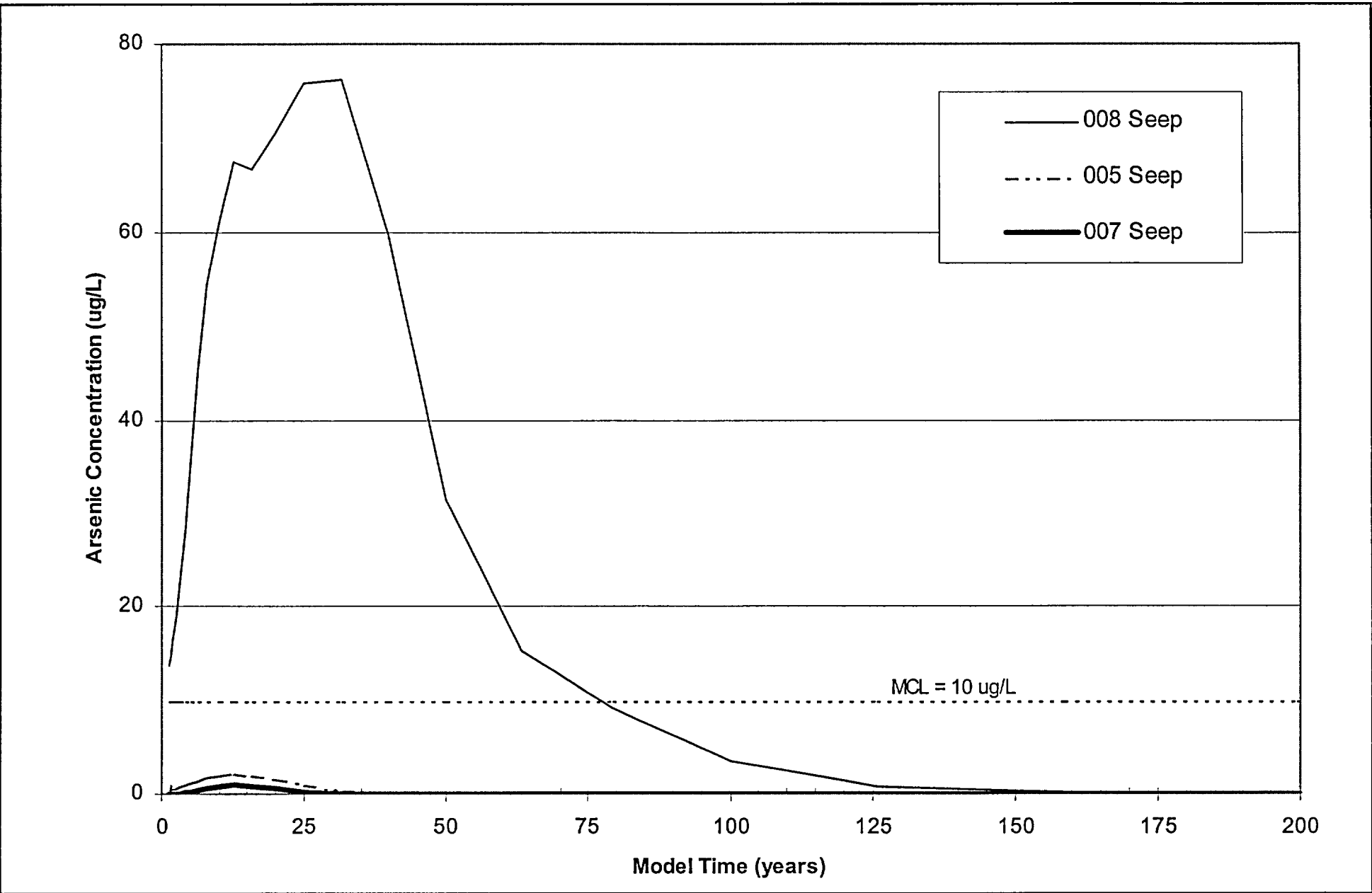
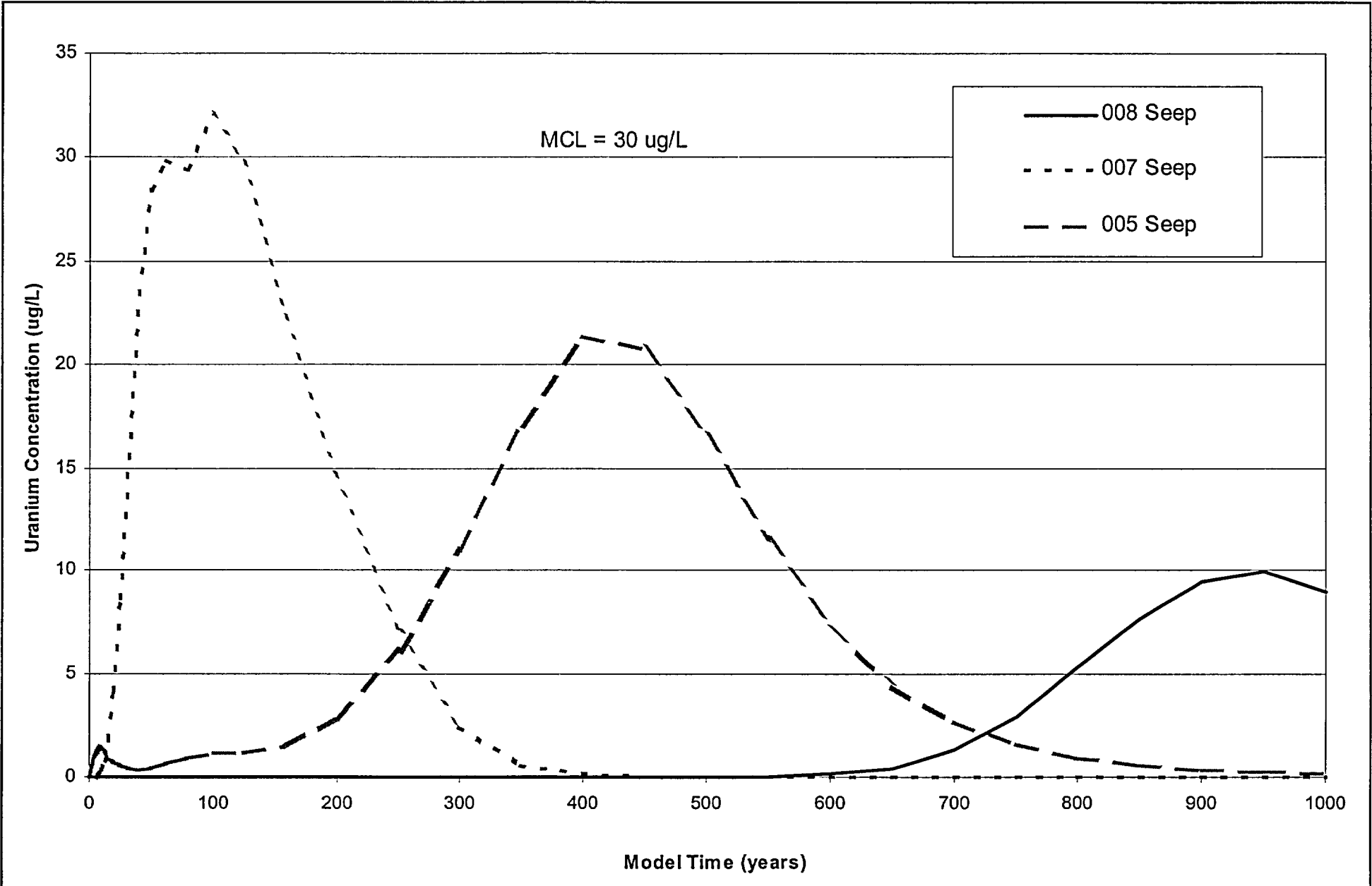


FIGURE 8-36
MODELED ARSENIC CONCENTRATION AT SEEPS

Date:	OCTOBER 2002
Project:	P.\100734-2\REV CHAR RPT
File:	OBS ARSENIC ppt



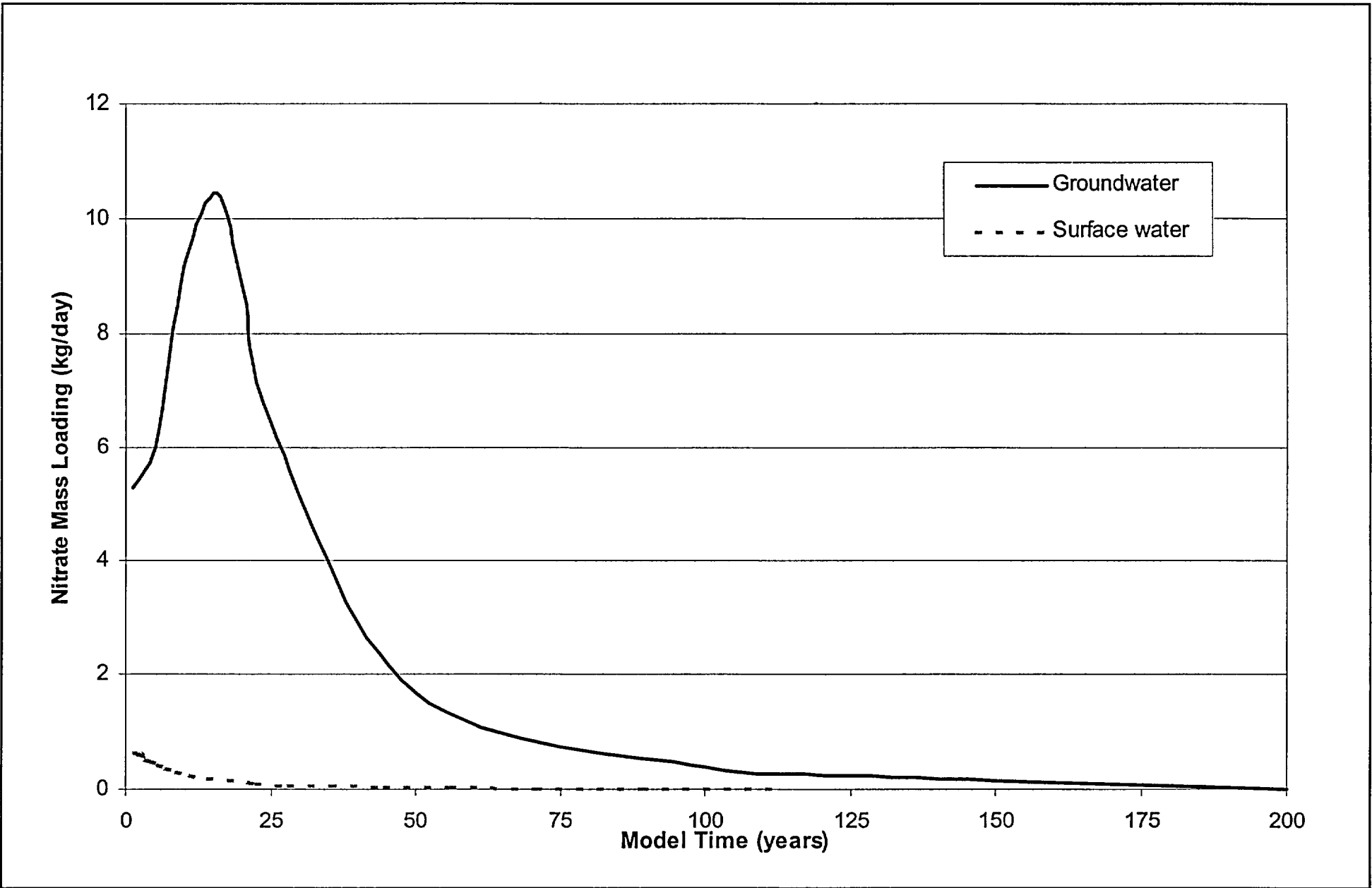
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FIGURE 8-87
URANIUM CONCENTRATIONS IN SEEPS

Date: OCTOBER 2002

Project: P:\100734-2\REV CHAR RPT

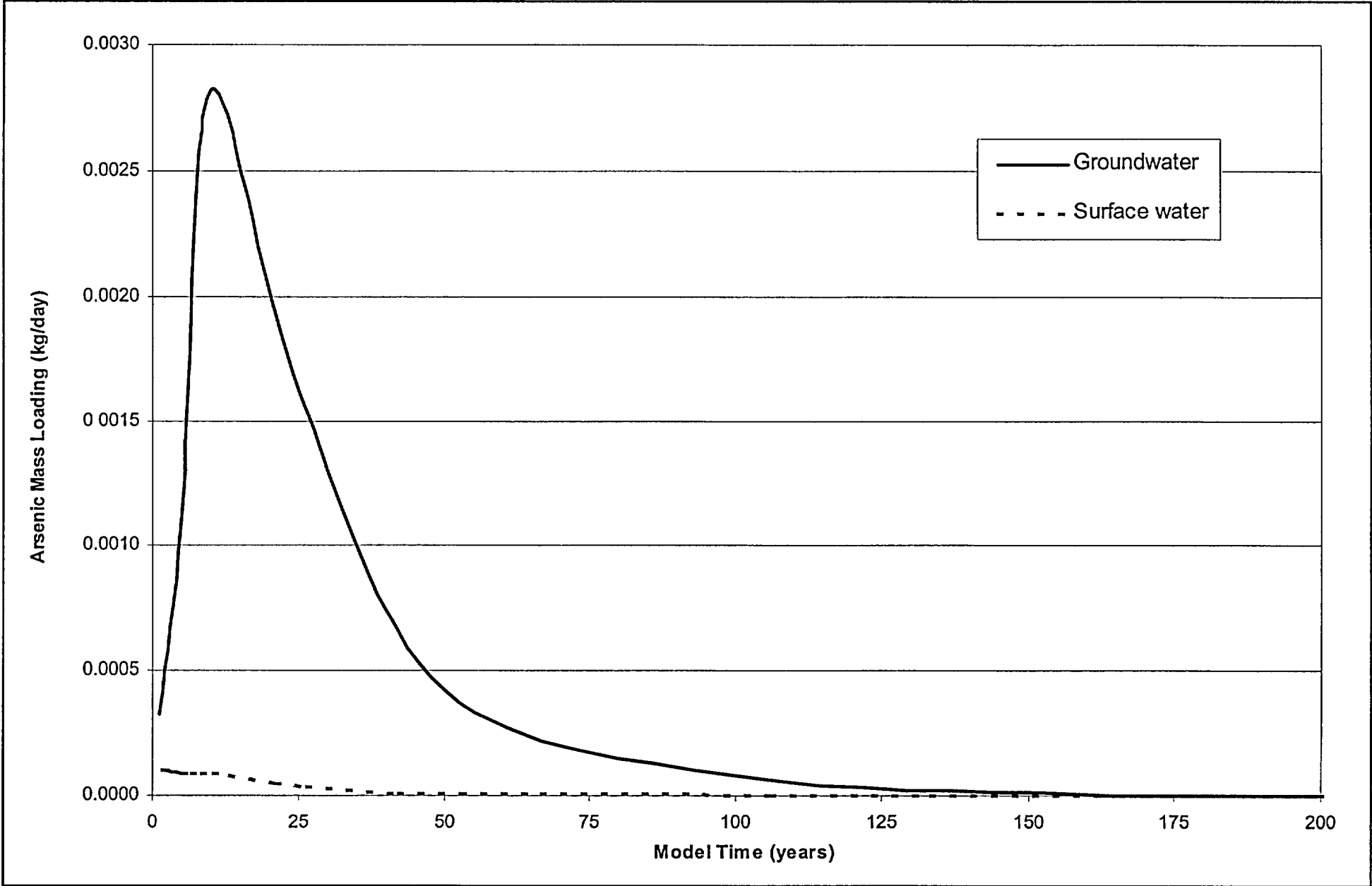
File: U CONC.ppt



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FIGURE 8-88
NITRATE MASS LOADING TO RIVER

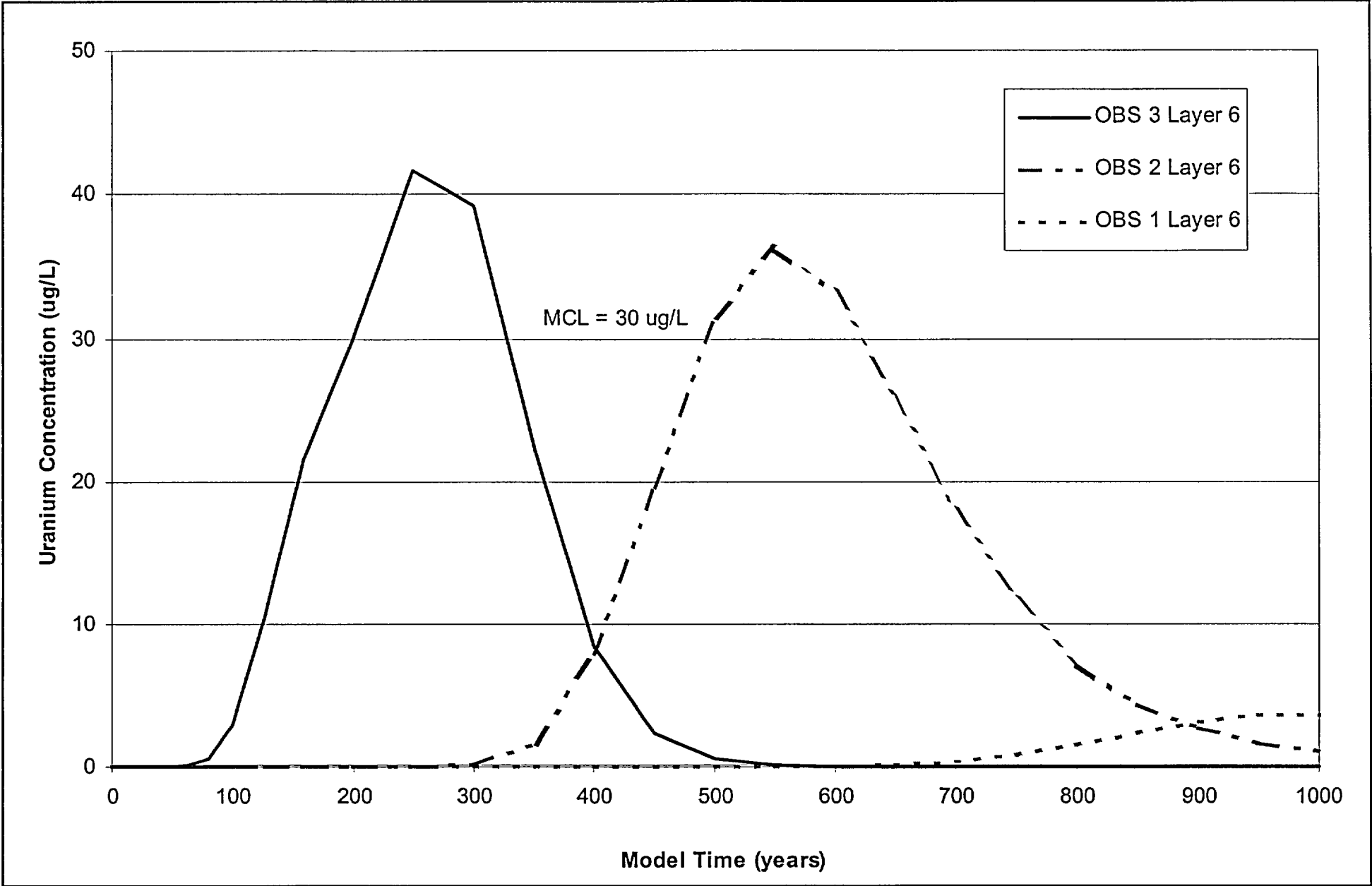
Date:	OCTOBER 2002
Project:	P:\100734-2\REV CHAR RPT
File:	MASS LOADING.ppt



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FIGURE 8-89
ARSENIC MASS LOADING TO RIVER

Date:	OCTOBER 2002
Project:	P:\100734-2\REV CHAR RPT
File:	MASS LOADING ppt



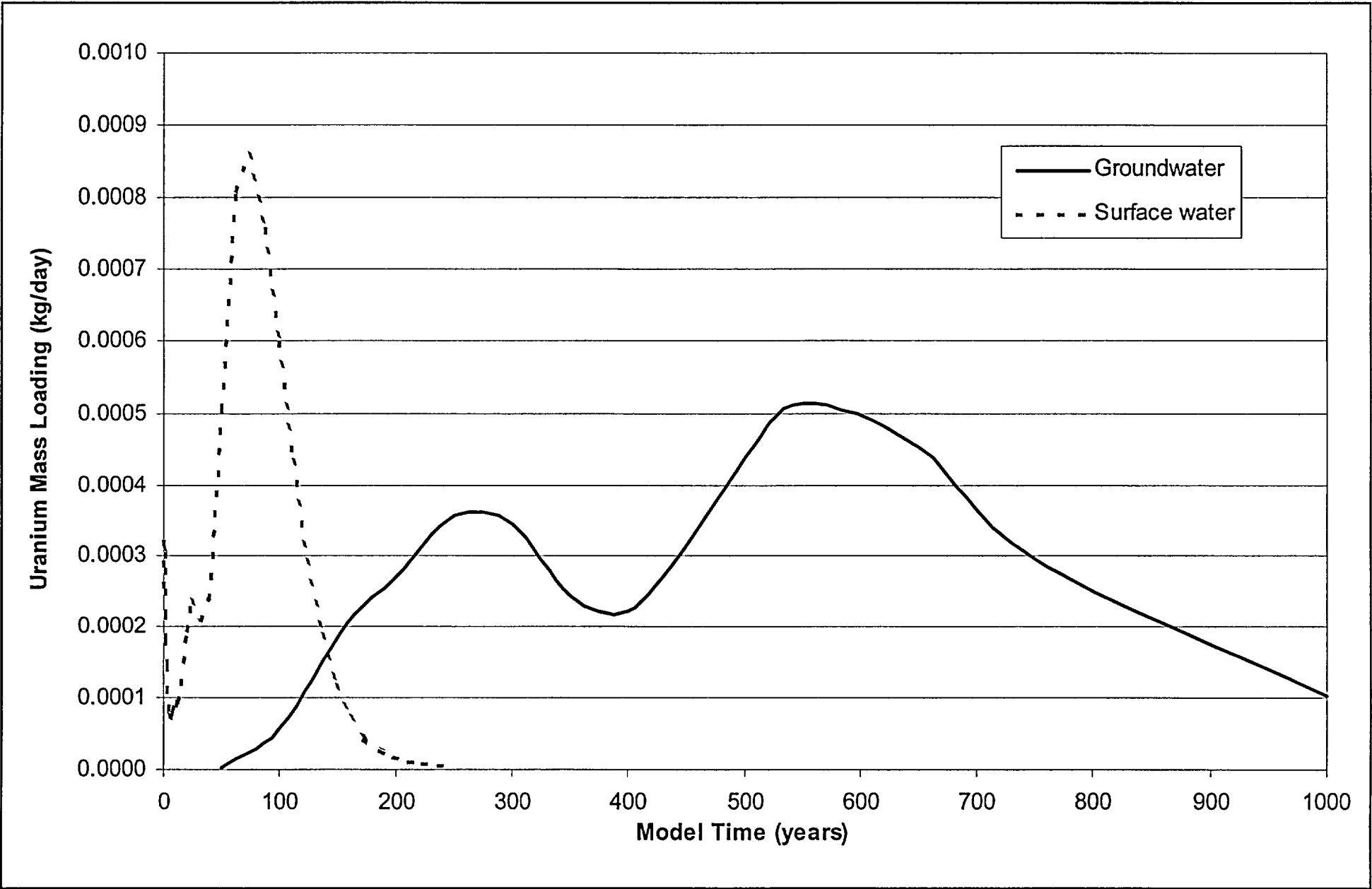
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FIGURE 8-90
URANIUM CONCENTRATIONS AT OBSERVATION POINTS 1, 2 AND 3

Date: OCTOBER 2002

Project: P.100734-2REV CHAR RPT

File: U CONC.ppt



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FIGURE 8-91
URANIUM MASS LOADING TO RIVER

Date:	OCTOBER 2002
Project:	P:\100734-2\REV CHAR RPT
File:	MASS LOADING ppt

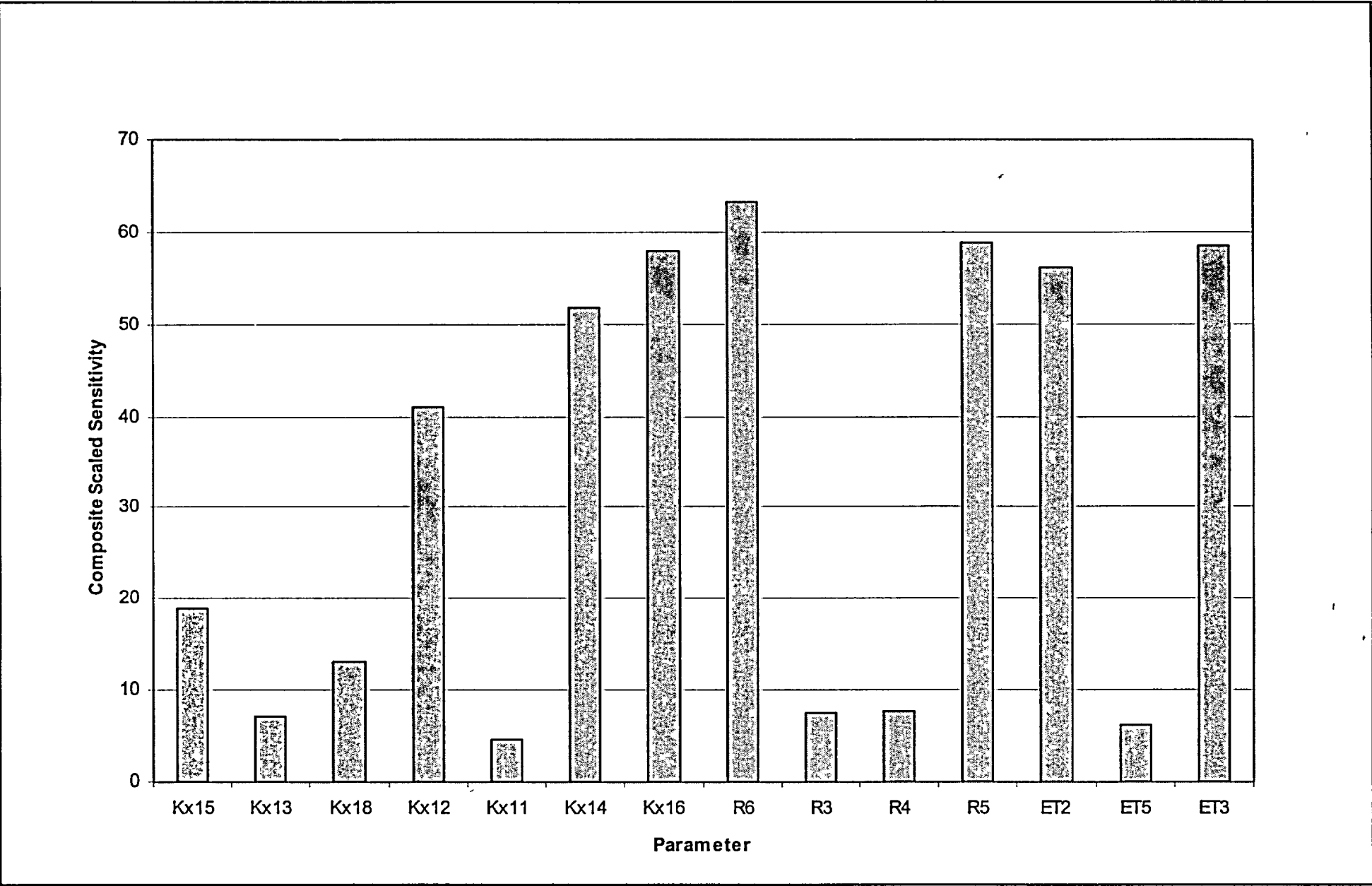
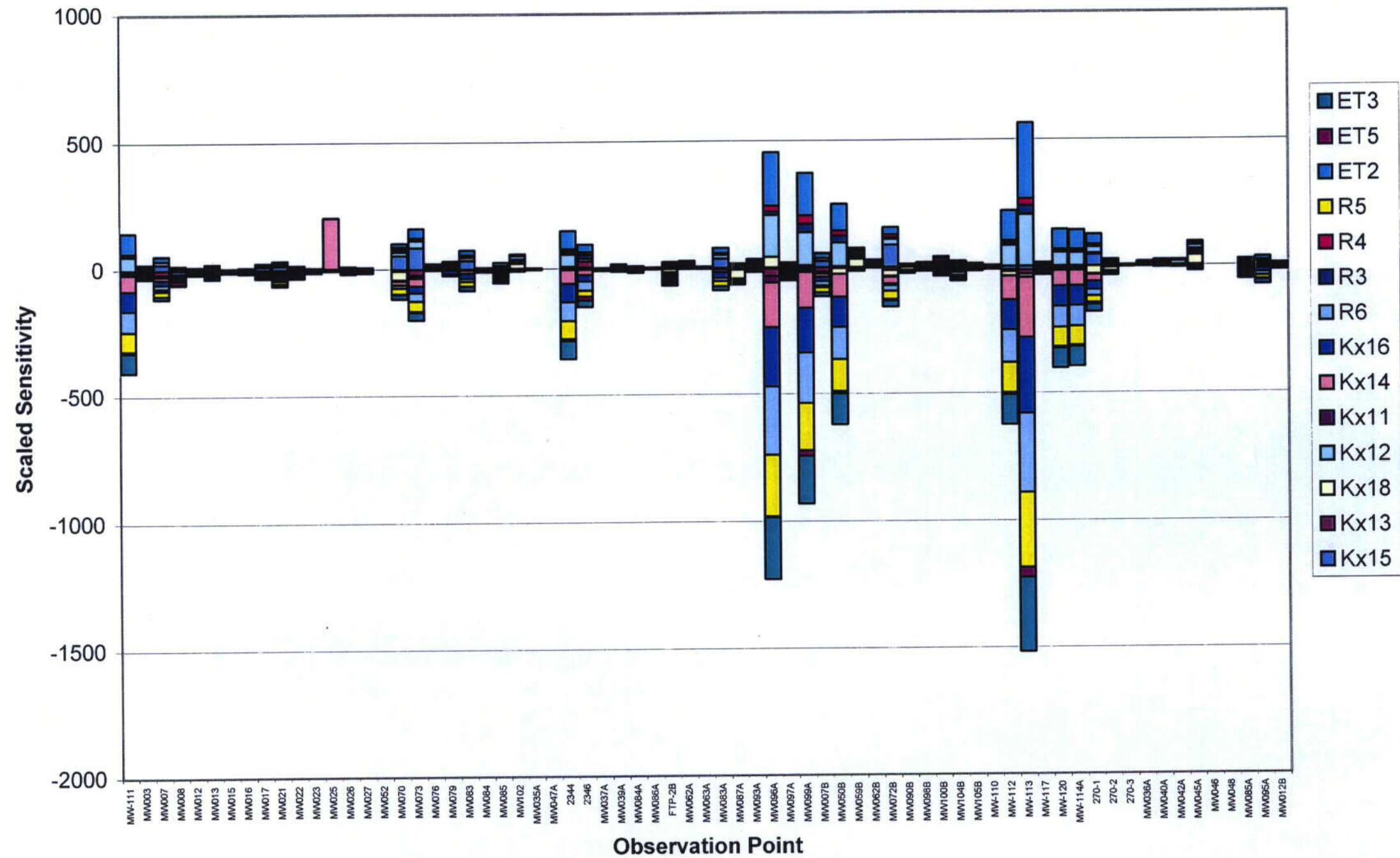


FIGURE 8-92
COMPOSITE SCALED FLOW SENSITIVITY

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Project:	P.\100734-2\REV CHAR RPT
File:	SENSITIVITY.ppt



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FIGURE 8-93
FLOW MODEL SCALED SENSITIVITY



Date: OCTOBER 2002
Project: 100734
File: FLOW-SENSIT.dwg

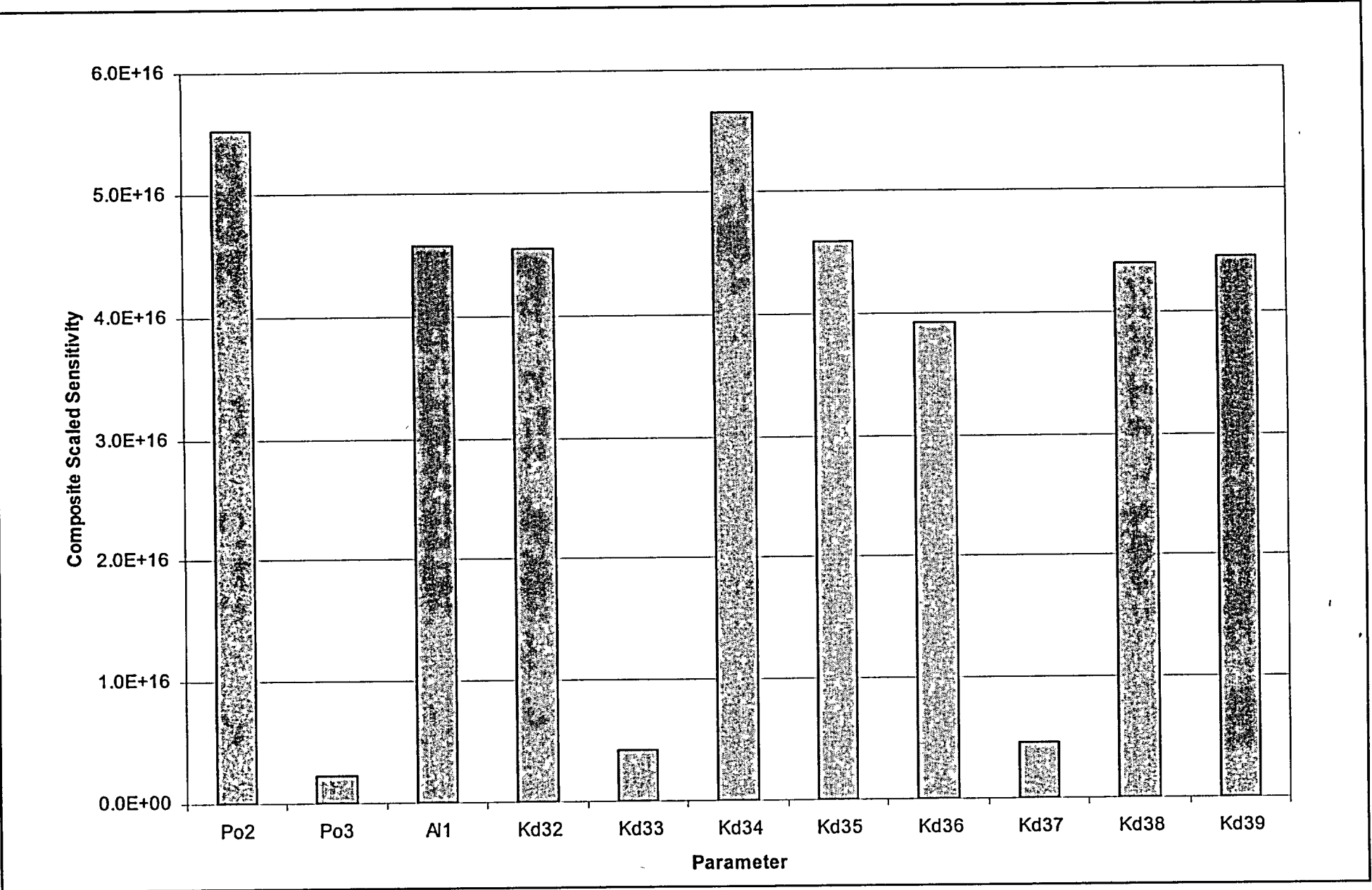


FIGURE 8-94
COMPOSITE SCALED TRANSPORT SENSITIVITY

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Project:	P:\100734-2\REV CHAR RPT
File:	SENSITIVITY.ppt