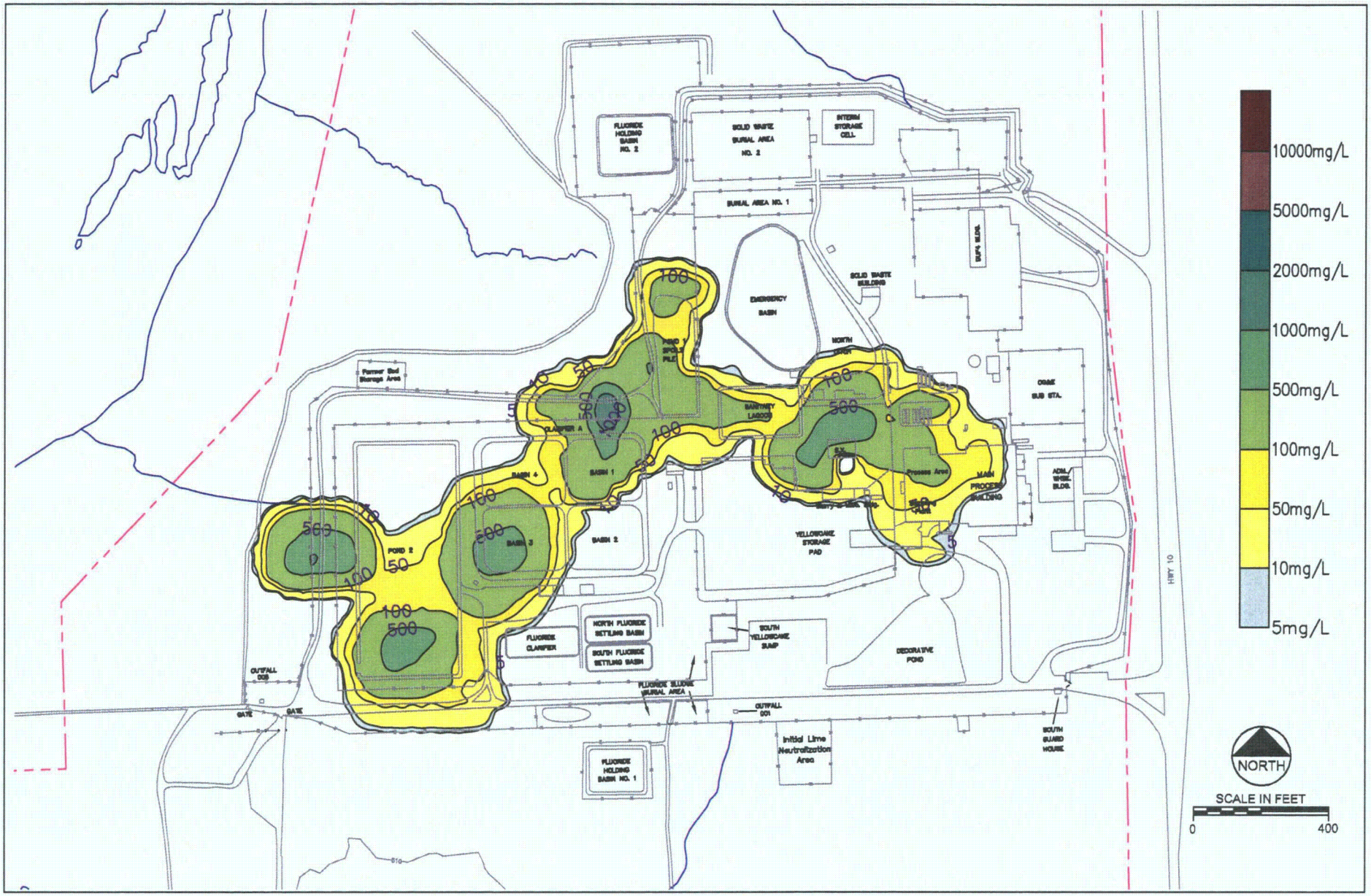

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FIGURE 9-31
NITRATE CALIBRATION
INITIAL CONCENTRATIONS LAYER 1

Date:	MAY 2009
Project:	SEQUOYAH
File:	Initial_NIT.dwg

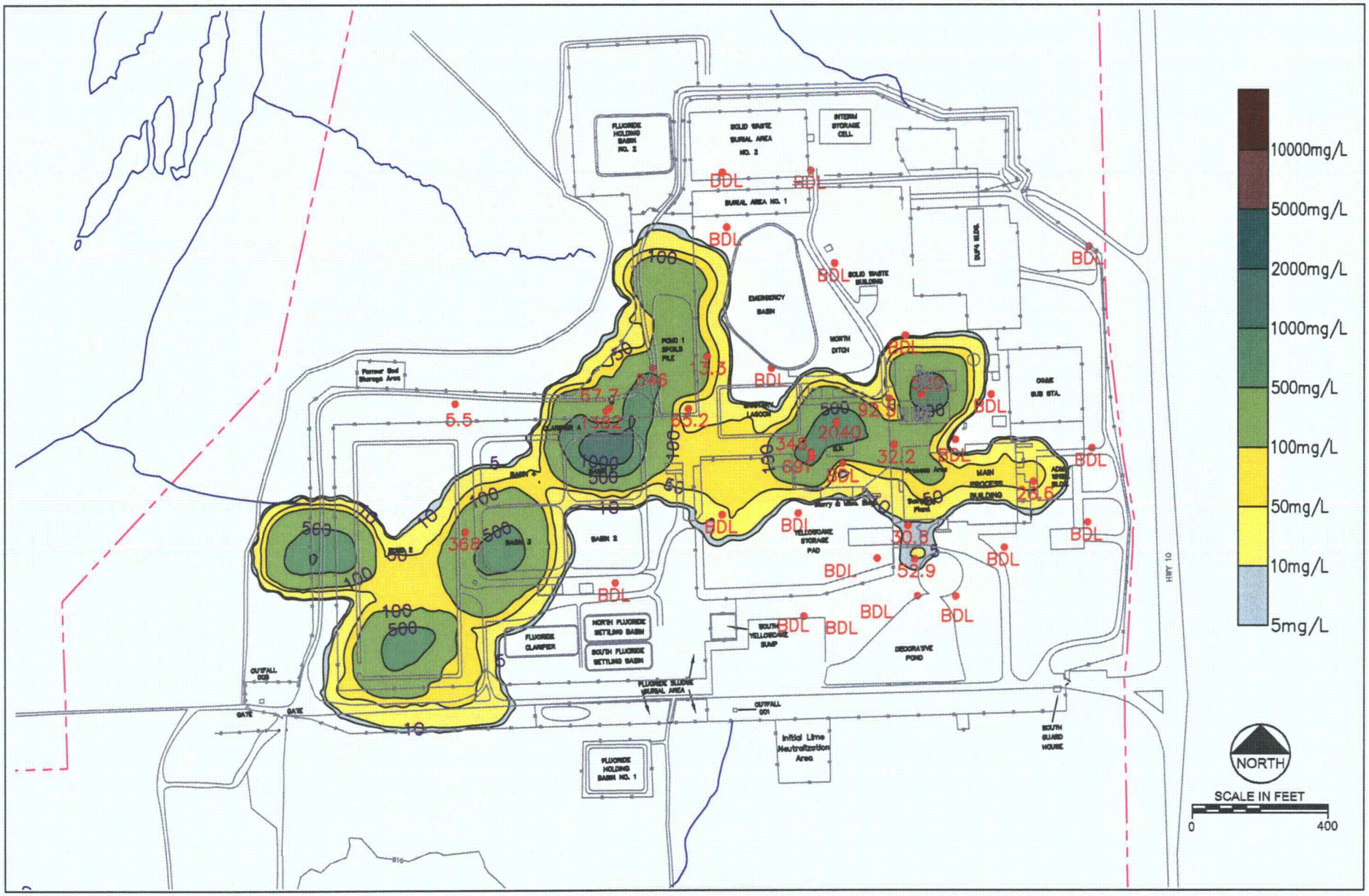

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FIGURE 9-32
NITRATE CALIBRATION
INITIAL CONCENTRATIONS LAYER 2

Date:	MAY 2009
Project:	SEQUOYAH
File:	Initial_NIT.dwg

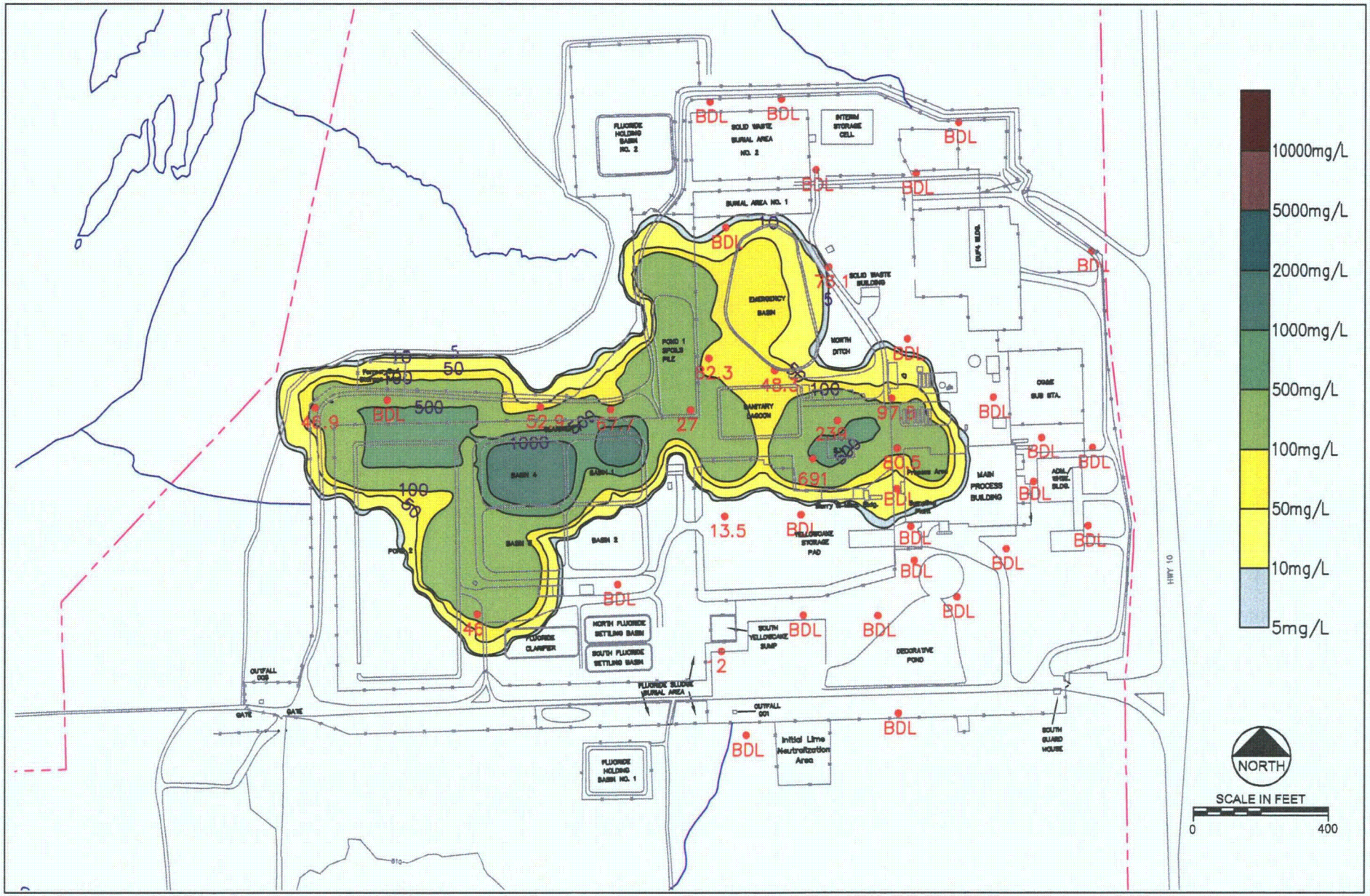

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FIGURE 9-33
NITRATE CALIBRATION
INITIAL CONCENTRATIONS LAYER 3

Date:	MAY 2009
Project:	SEQUOYAH
File:	Initial_NIT.dwg

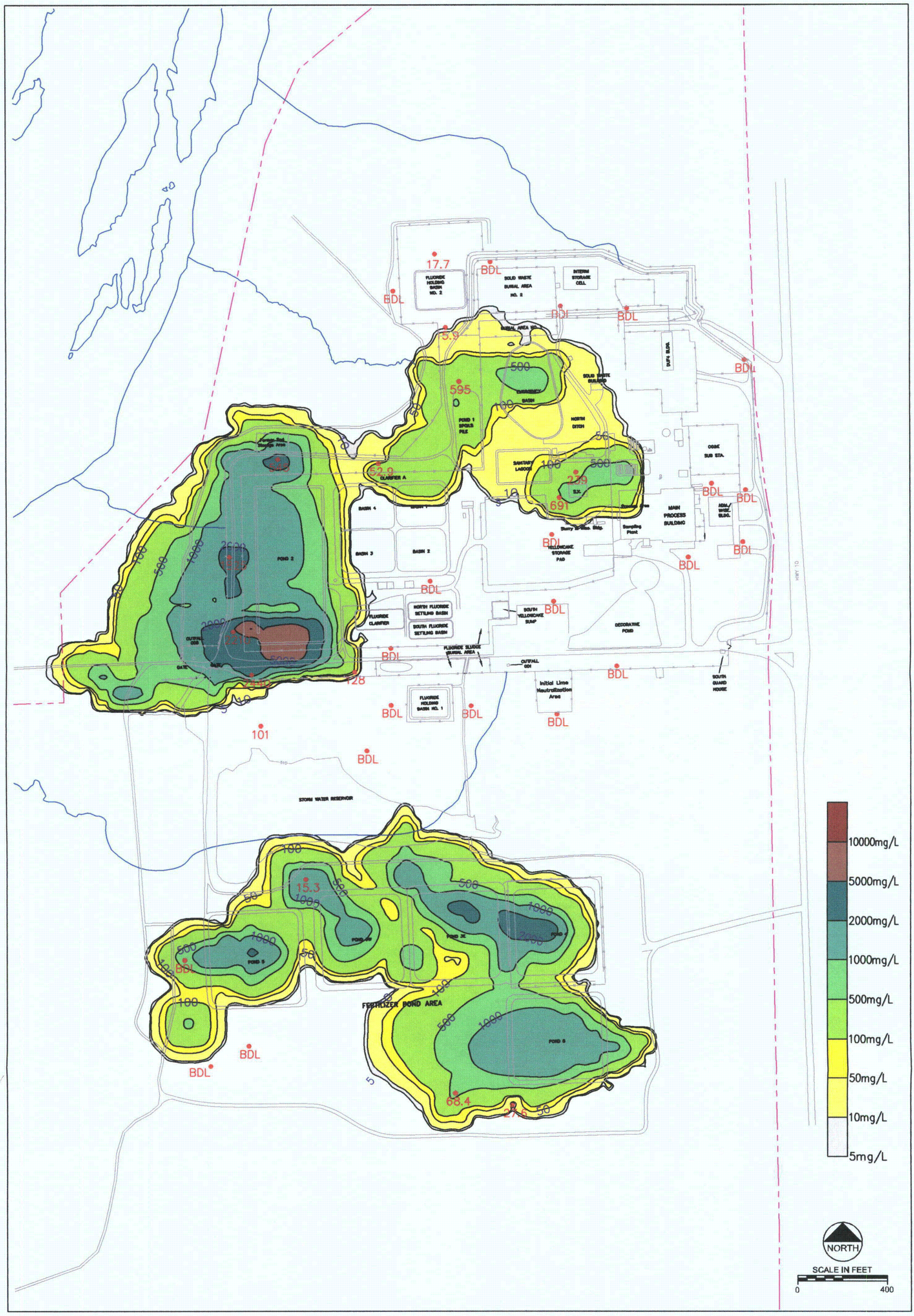

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FIGURE 9-34
NITRATE CALIBRATION
INITIAL CONCENTRATIONS LAYER 4

Date:	MAY 2009
Project:	SEQUOYAH
File:	Initial_NIT.dwg

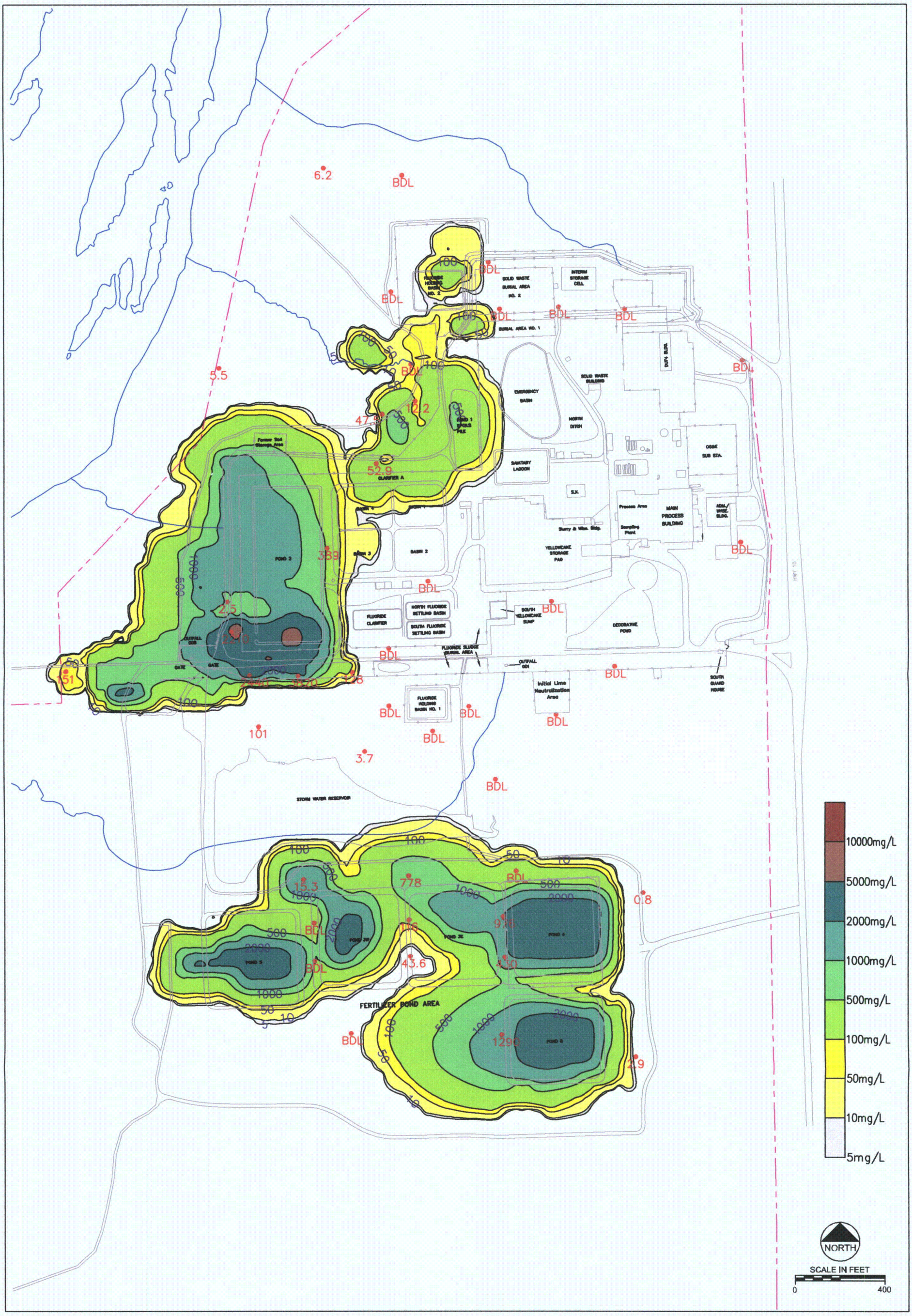

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FIGURE 9-35
NITRATE CALIBRATION
INITIAL CONCENTRATIONS LAYER 5

Date:	MAY 2009
Project:	SEQUOYAH
File:	Initial_NIT.dwg

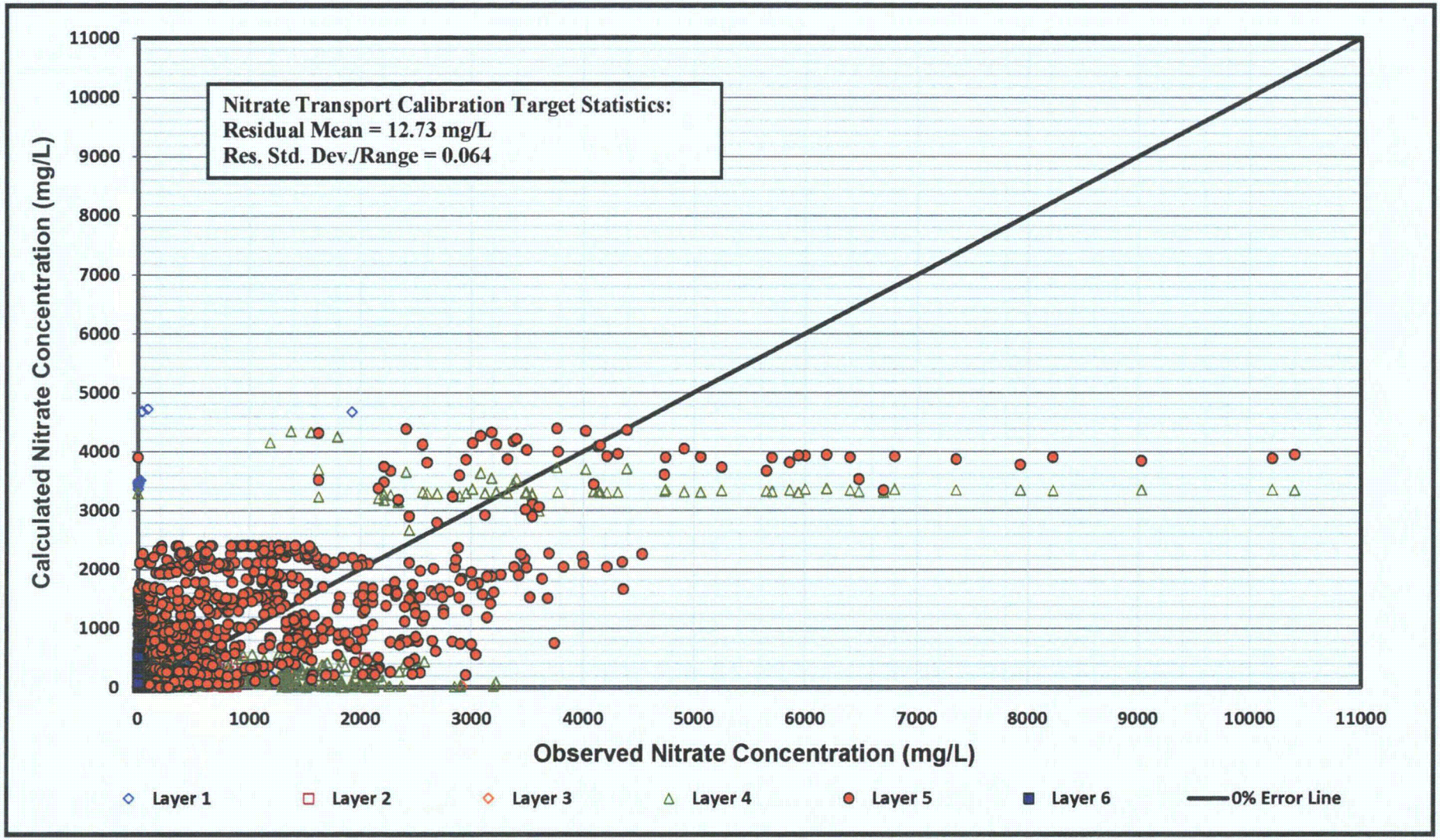

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FIGURE 9-36

OBSERVED VS CALCULATED NITRATE CONCENTRATIONS

Date:	MAY 2009
Project:	SEQUOYAH
File:	N-Mod-vs-Meas.xls

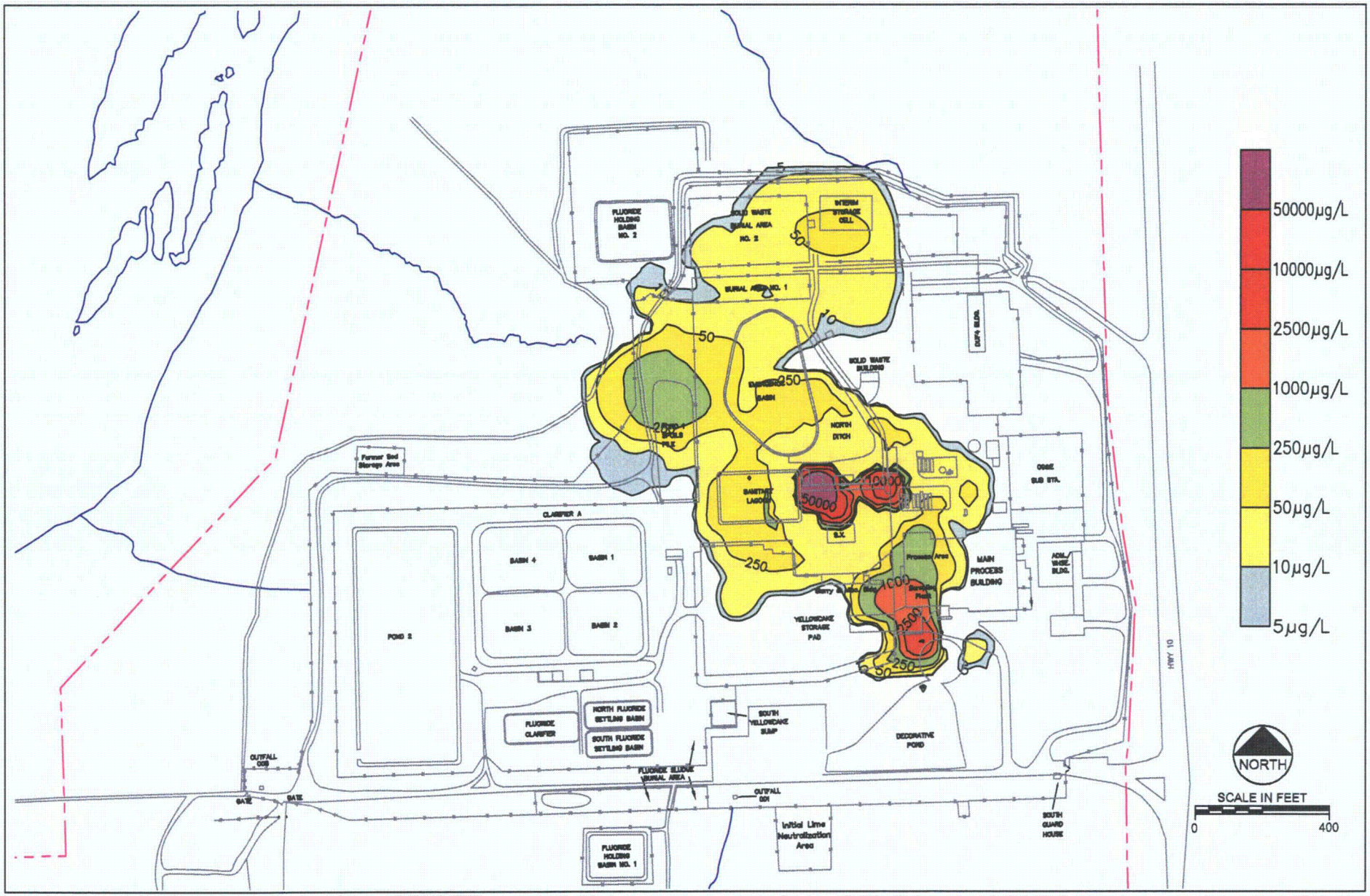

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FIGURE 9-37
URANIUM CALIBRATION
INITIAL CONCENTRATIONS LAYER 1

Date:	MAY 2009
Project:	SEQUOYAH
File:	Initial_U.dwg

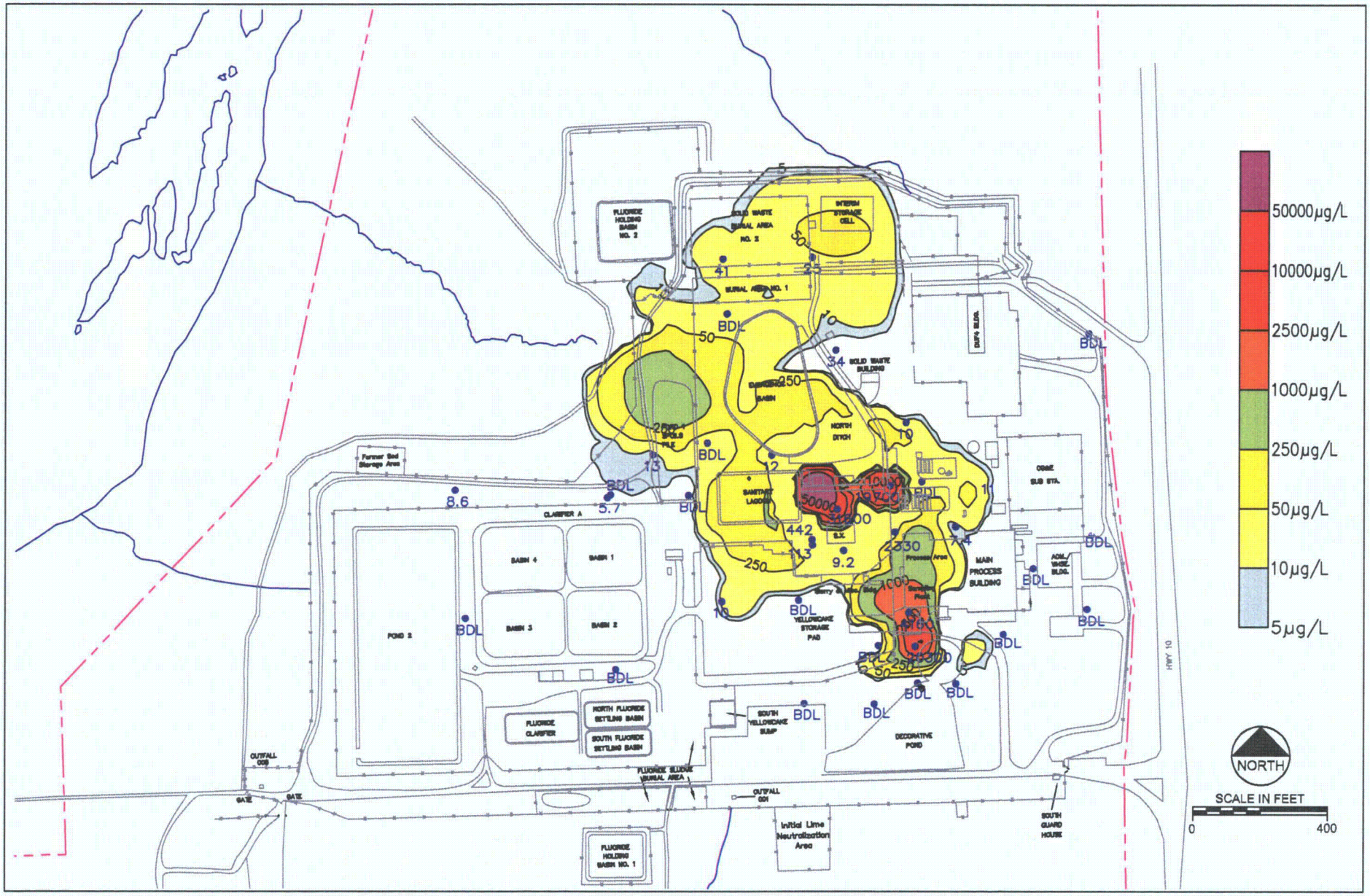

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FIGURE 9-38
URANIUM CALIBRATION
INITIAL CONCENTRATIONS LAYER 2

Date:	MAY 2009
Project:	SEQUOYAH
File:	Initial_U.dwg

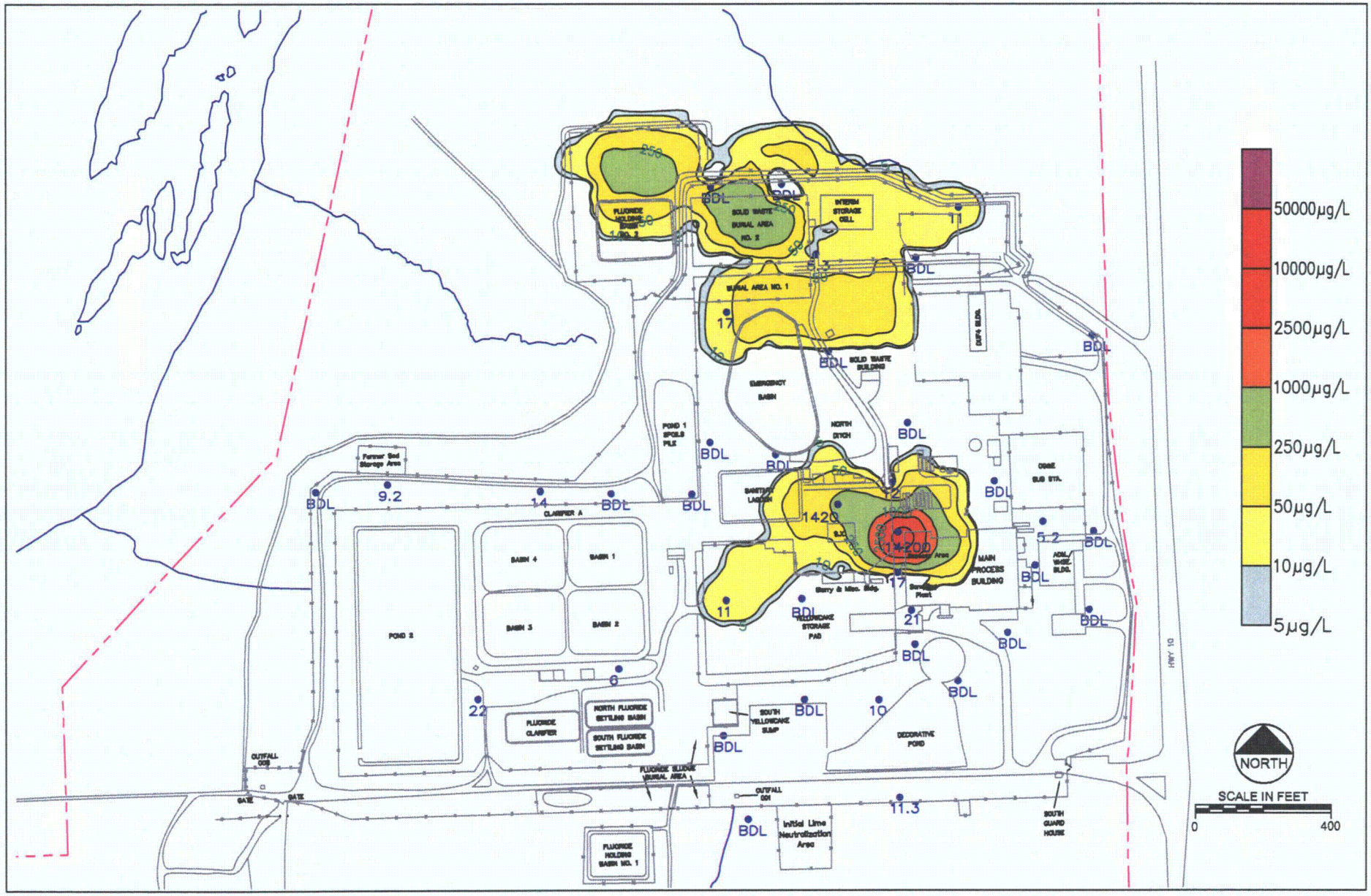

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FIGURE 9-39
URANIUM CALIBRATION
INITIAL CONCENTRATIONS LAYER 3

Date:	MAY 2009
Project:	SEQUOYAH
File:	Initial_U.dwg

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FIGURE 9-40
URANIUM CALIBRATION
INITIAL CONCENTRATIONS LAYER 4

Date:	MAY 2009
Project:	SEQUOYAH
File:	Initial_U.dwg

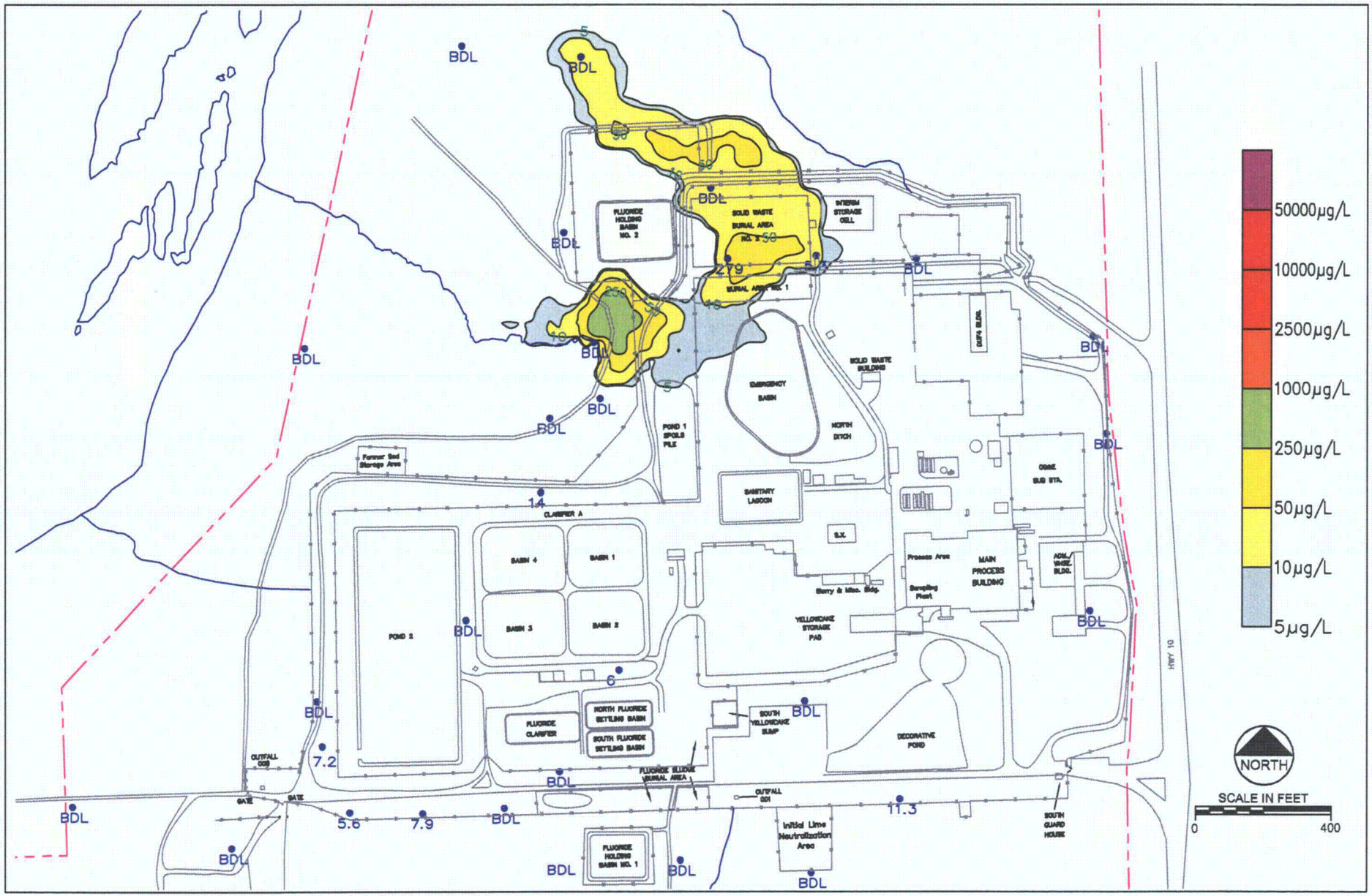

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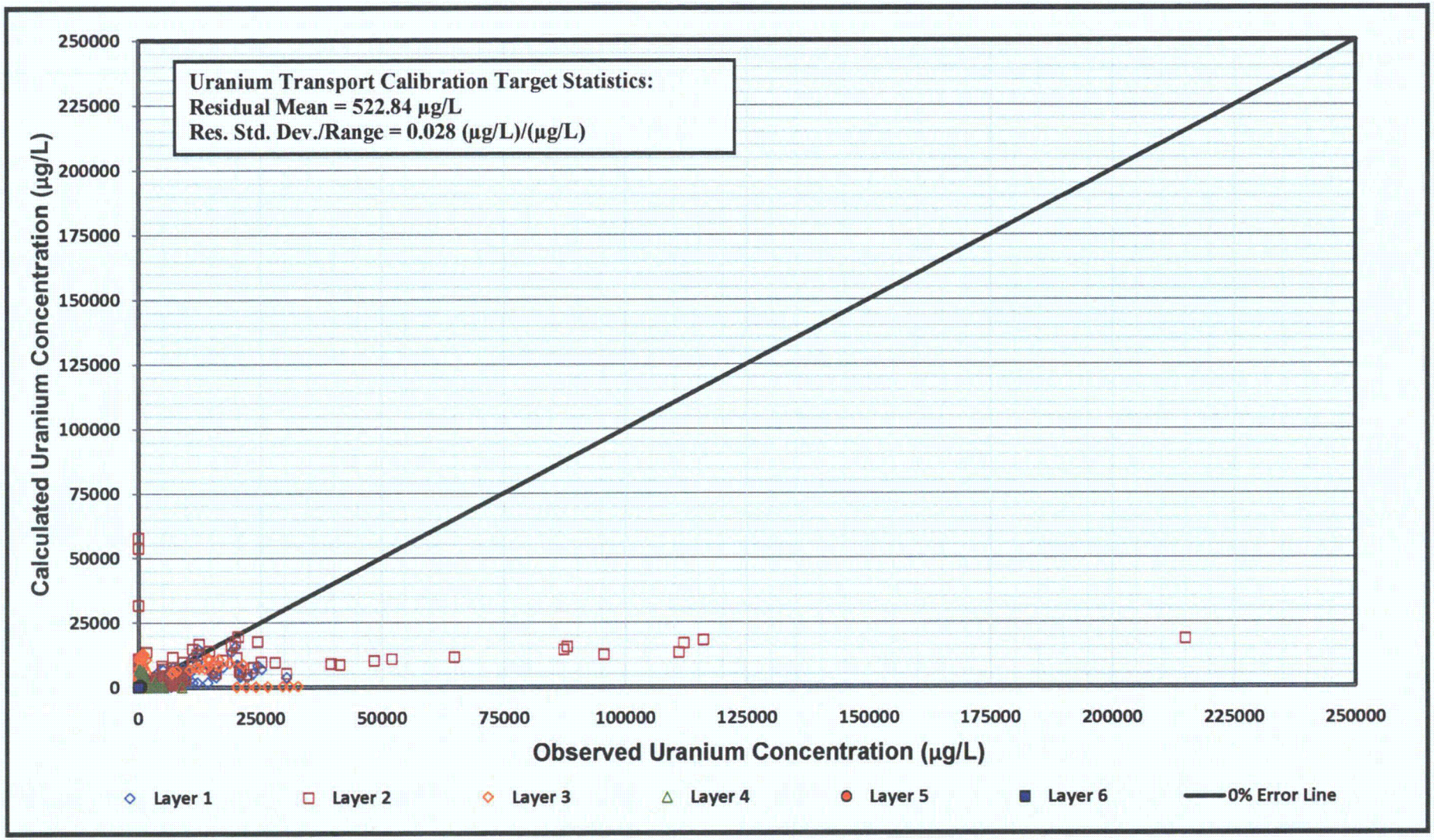
FIGURE 9-41
URANIUM CALIBRATION
INITIAL CONCENTRATIONS LAYER 5

Date:	MAY 2009
Project:	SEQUOYAH
File:	Initial_U.dwg



Gard water consultants, inc.

FIGURE 9-42

OBSERVED VS CALCULATED URANIUM CONCENTRATIONS

Date:	MAY 2009
Project:	SEQUOYAH
File:	U-Mod-vs-Meas.xls

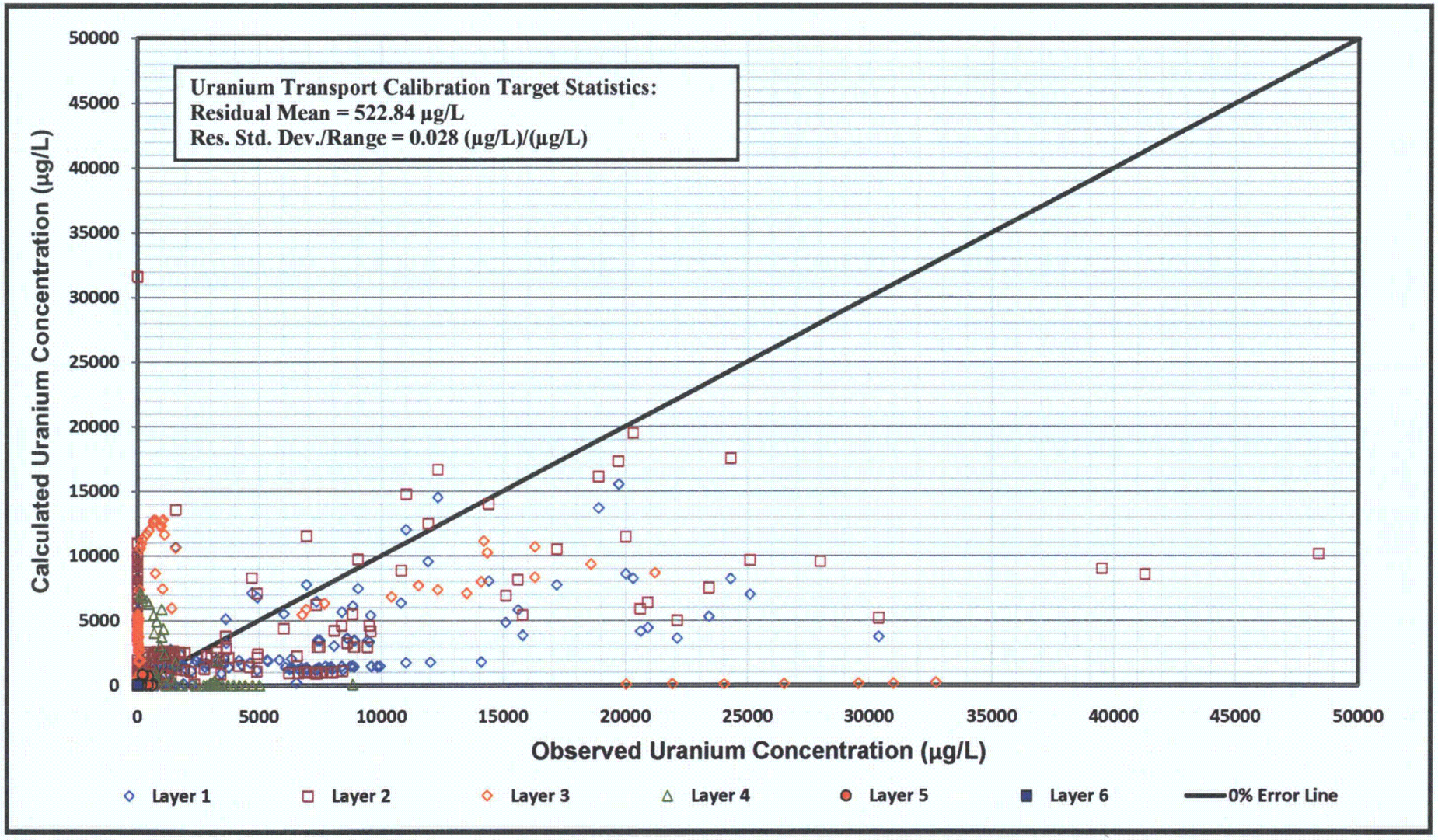


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FIGURE 9-43

OBSERVED VS CALCULATED URANIUM CONCENTRATIONS (MAXIMUM OF 50,000 µg/L)

Date:	MAY 2009
Project:	SEQUOYAH
File:	U-Mod-vs-Meas.xls

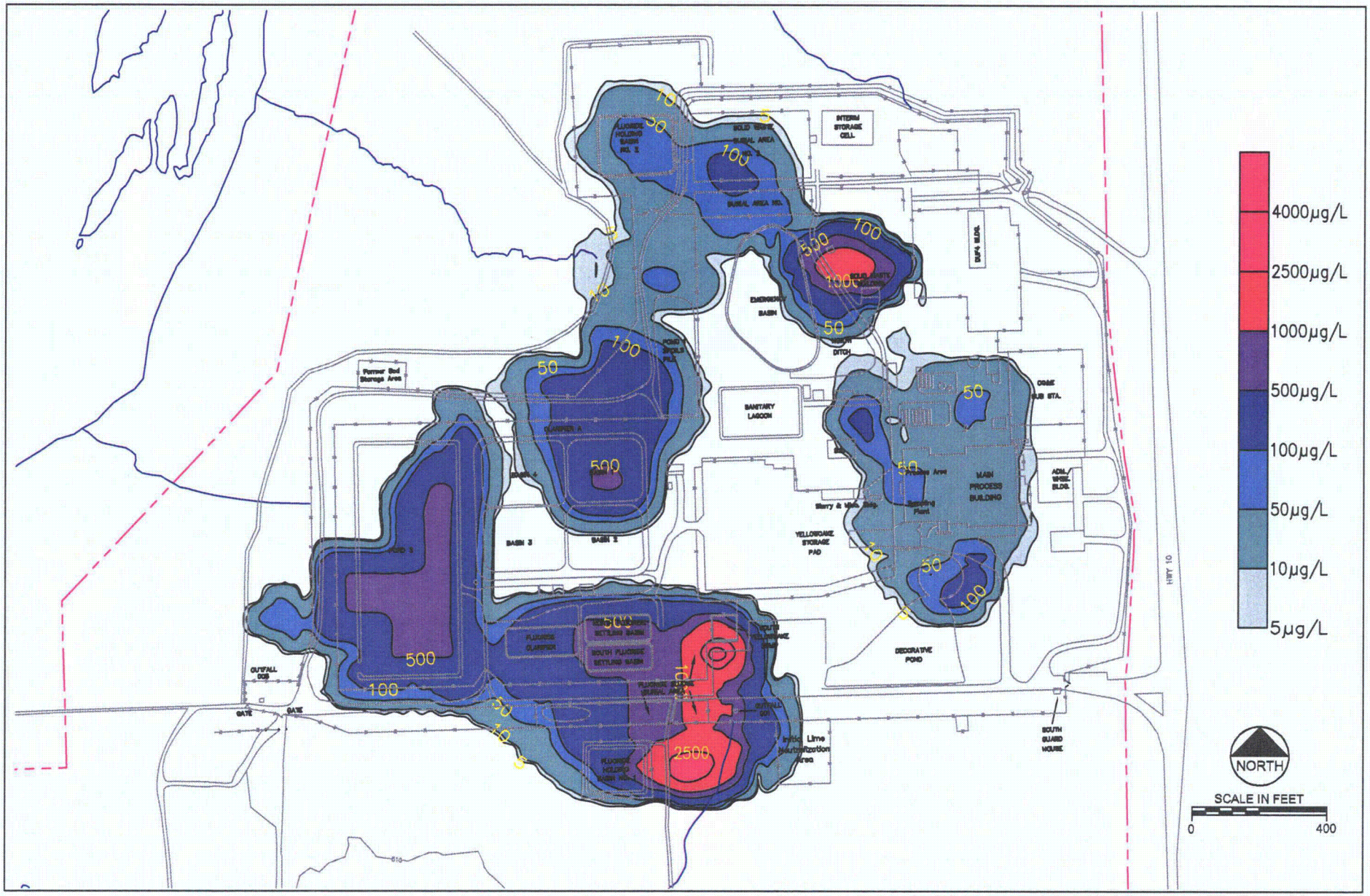

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FIGURE 9-44
ARSENIC CALIBRATION
INITIAL CONCENTRATIONS LAYER 1

Date:	MAY 2009
Project:	SEQUOYAH
File:	Initial_as.dwg

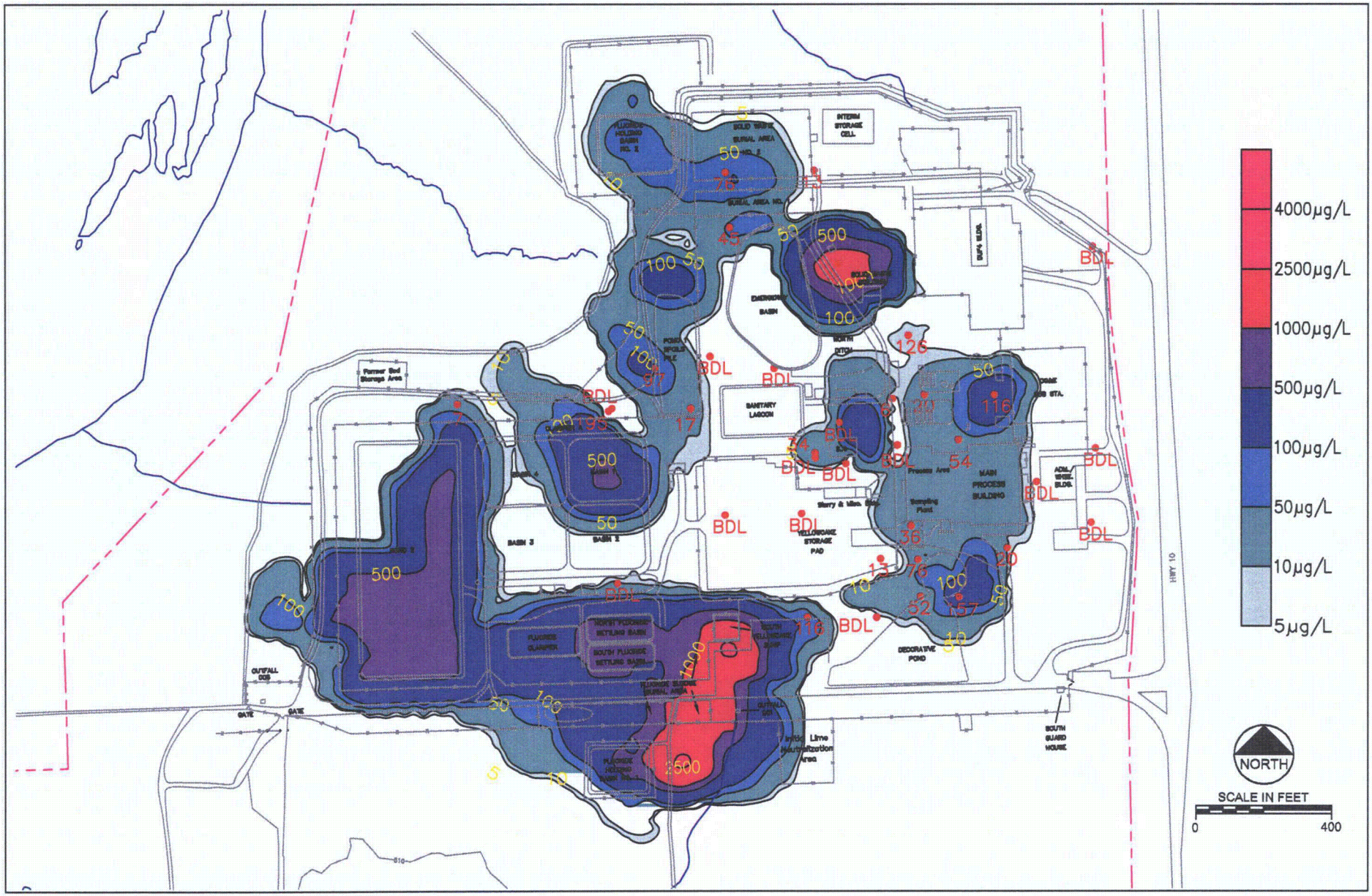

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FIGURE 9-45
ARSENIC CALIBRATION
INITIAL CONCENTRATIONS LAYER 2

Date:	MAY 2009
Project:	SEQUOYAH
File:	Initial_as.dwg

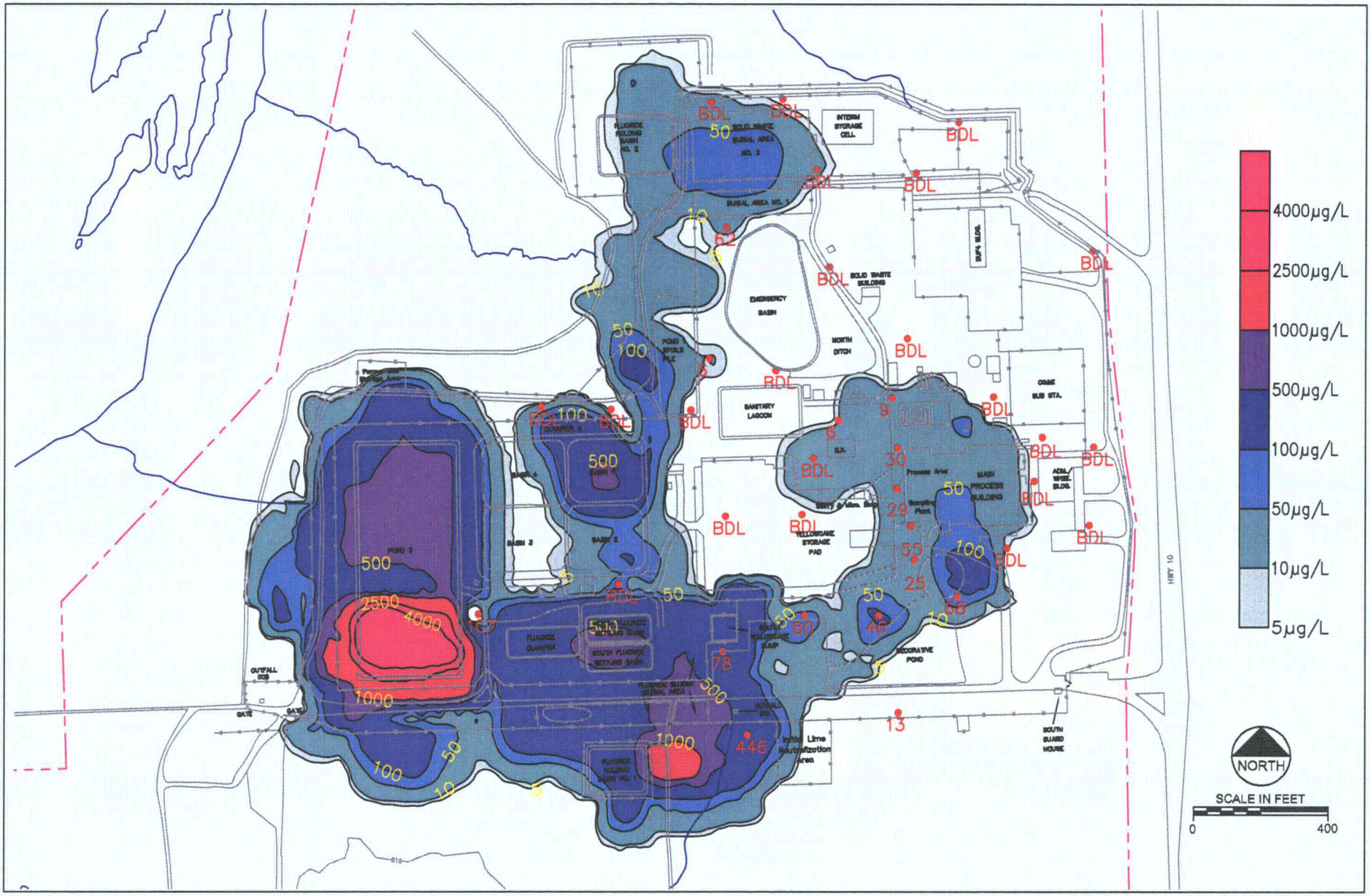

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FIGURE 9-46
ARSENIC CALIBRATION
INITIAL CONCENTRATIONS LAYER 3

Date:	MAY 2009
Project:	SEQUOYAH
File:	Initial_as.dwg

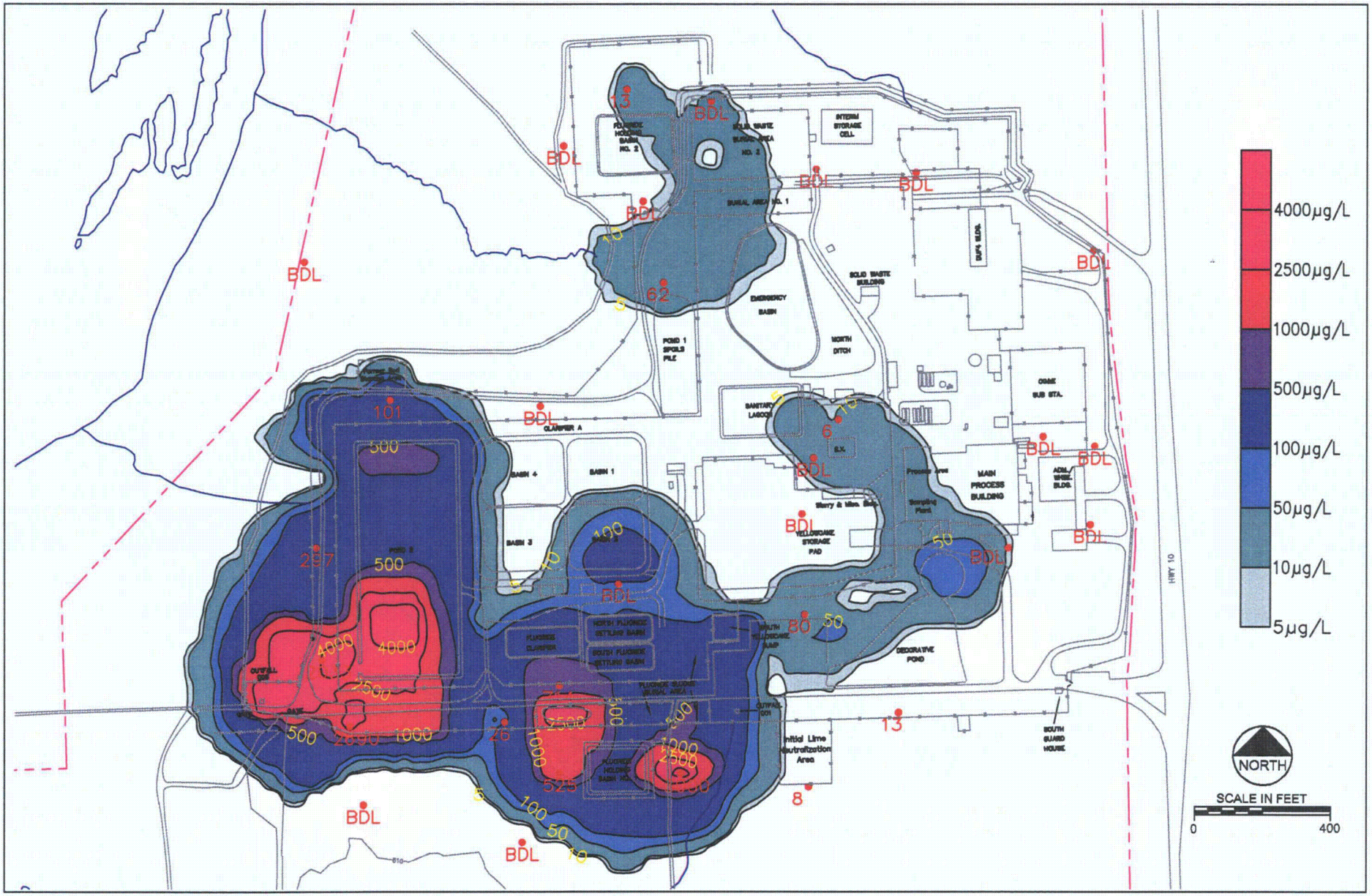

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FIGURE 9-47
ARSENIC CALIBRATION
INITIAL CONCENTRATIONS LAYER 4

Date:	MAY 2009
Project:	SEQUOYAH
File:	Initial_as.dwg

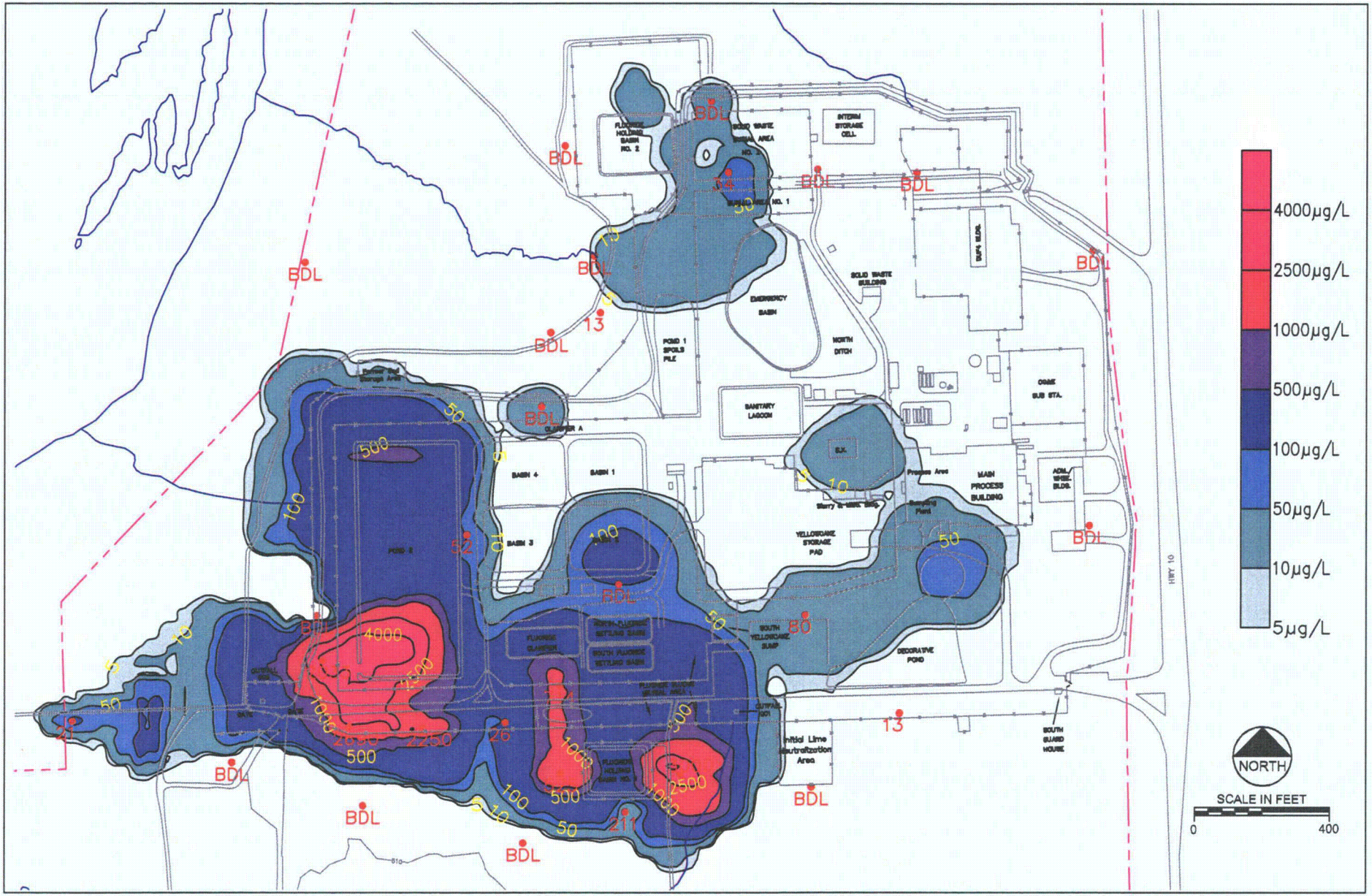

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FIGURE 9-48
ARSENIC CALIBRATION
INITIAL CONCENTRATIONS LAYER 5

Date:	MAY 2009
Project:	SEQUOYAH
File:	Initial_as.dwg

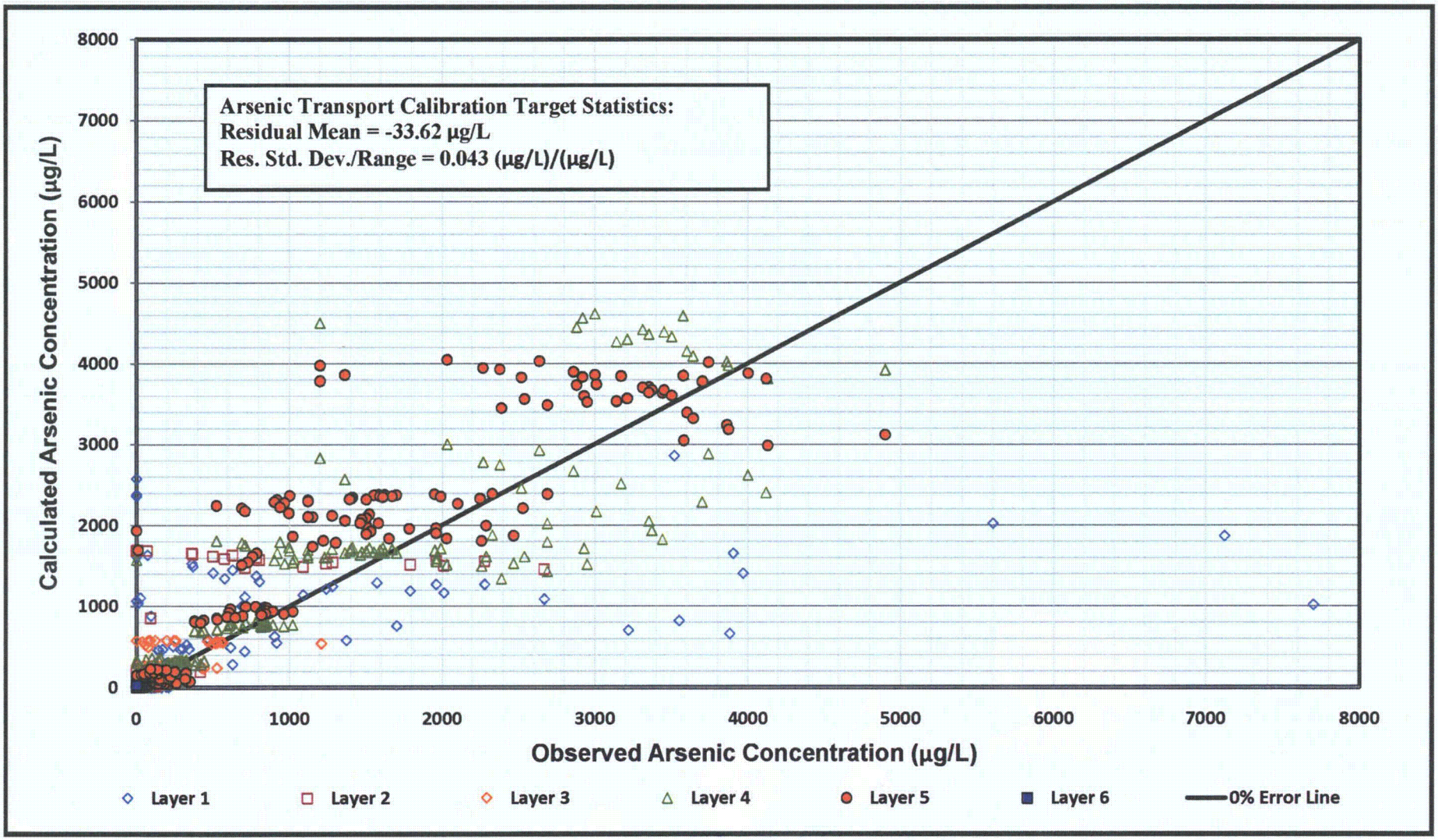

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FIGURE 9-49

OBSERVED VS CALCULATED ARSENIC CONCENTRATIONS

Date:	MAY 2009
Project:	SEQUOYAH
File:	As-Mod-vs-Meas.xls

THIS PAGE IS AN OVERSIZED DRAWING OR FIGURE,

THAT CAN BE VIEWED AT THE RECORD TITLED:

"FIGURE 9-50 DISPOSAL CELL LAYOUT AND CURRENT FACILITIES"

WITHIN THIS PACKAGE... OR BY SEARCHING USING THE DOCUMENT/REPORT NO.

D-02

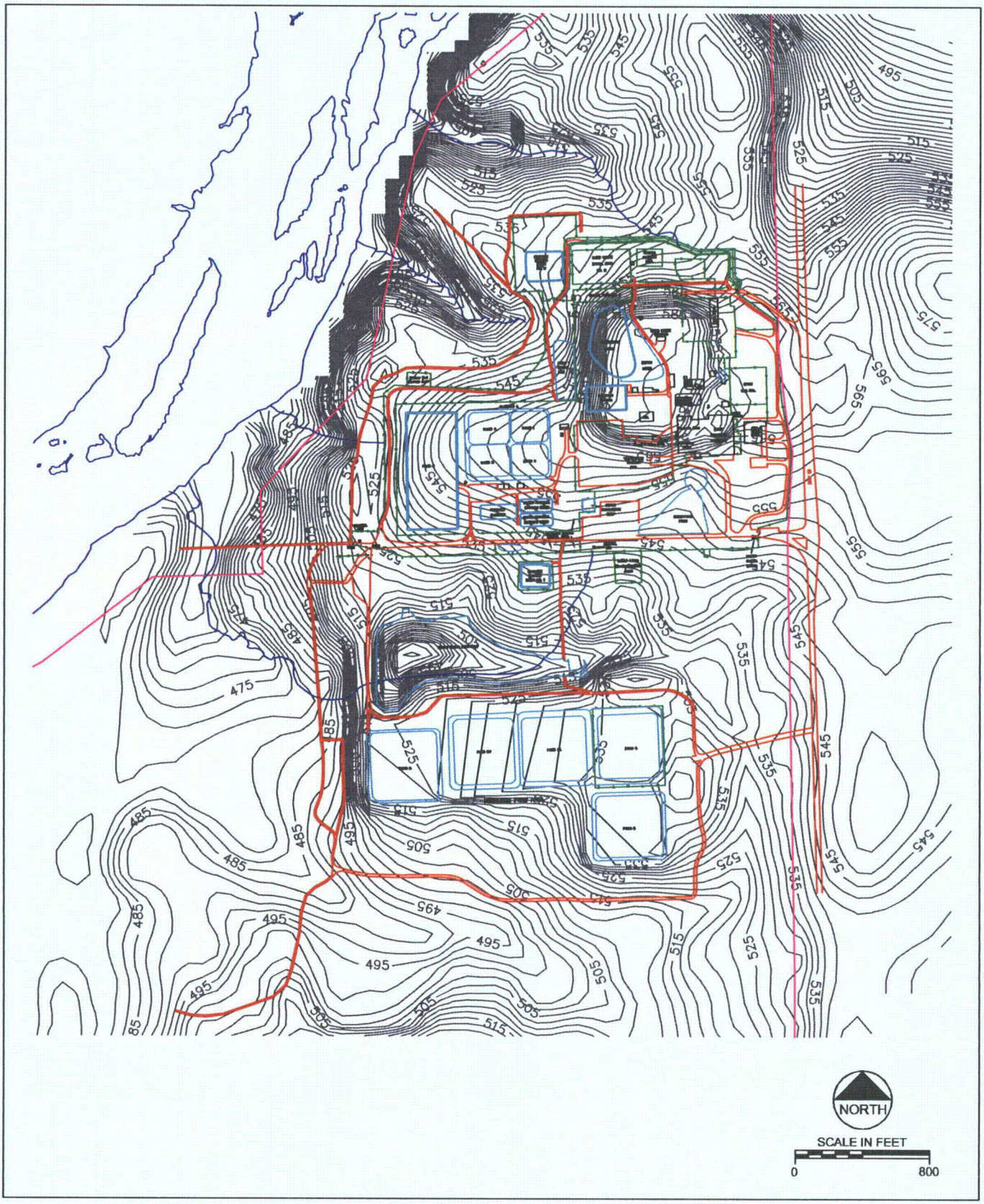

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FIGURE 9-51
POST DECOMMISSIONING
TOPOGRAPHY

Date:	MAY 2009
Project:	SEQUOYAH
File:	Topo.dwg

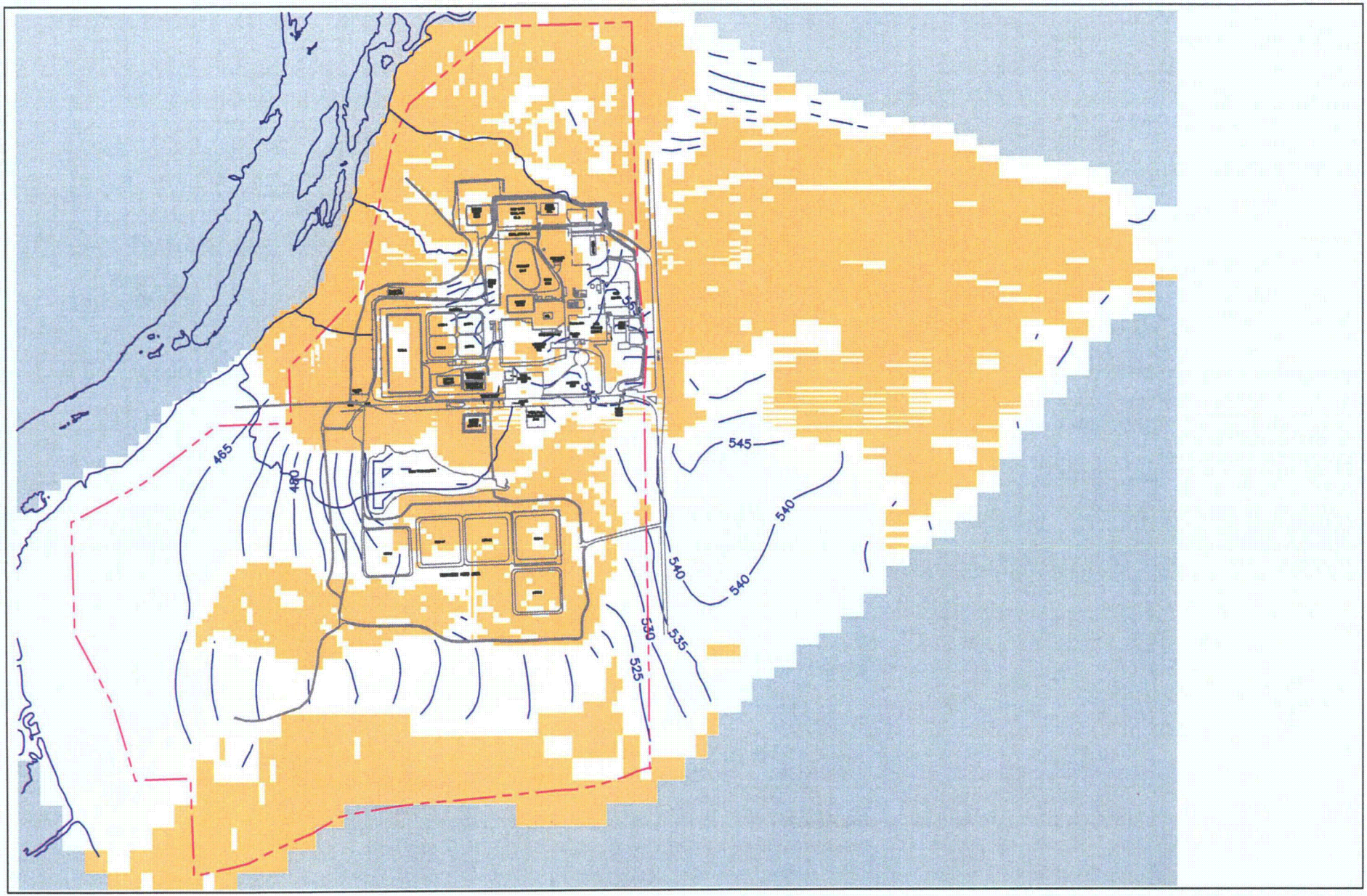

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FIGURE 9-52
LAYER 1
LONG-TERM HEADS

Date:	MAY 2009
Project:	SEQUOYAH
File:	LONG-TERM.dwg

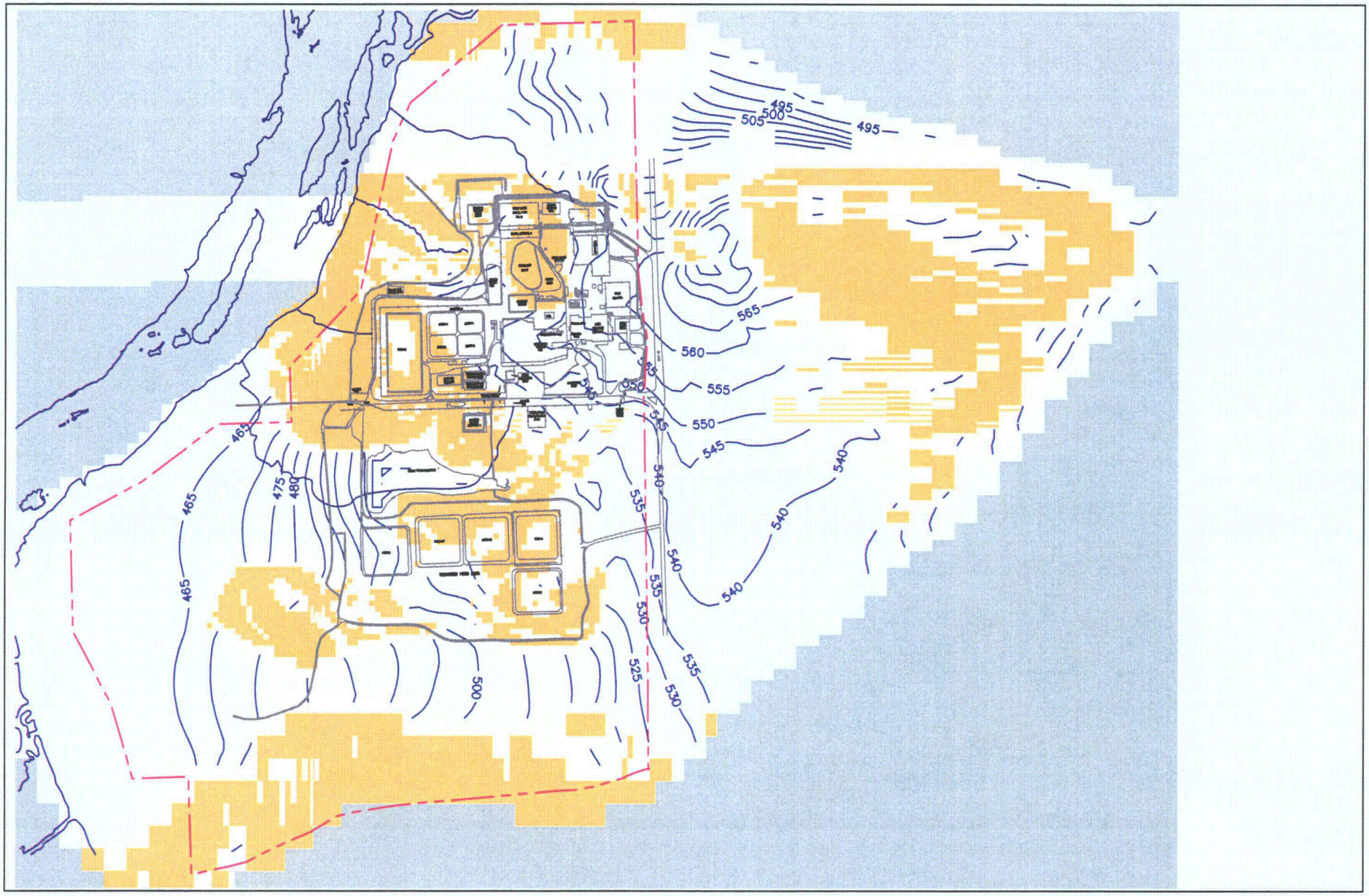

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FIGURE 9-53
LAYER 2
LONG-TERM HEADS

Date:	MAY 2009
Project:	SEQUOYAH
File:	LONG-TERM.dwg

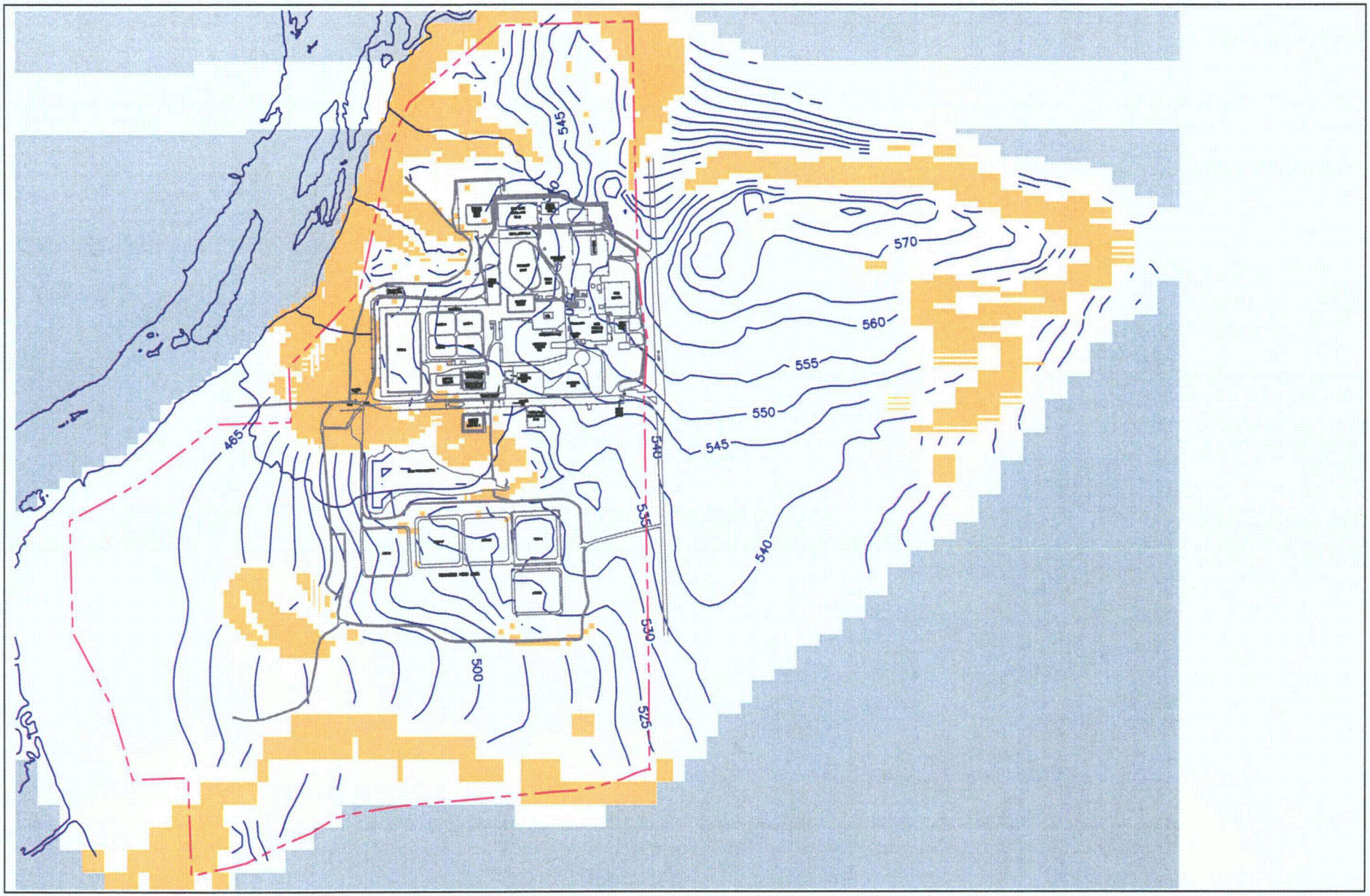

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FIGURE 9-54
LAYER 3
LONG-TERM HEADS

Date:	MAY 2009
Project:	SEQUOYAH
File:	LONG-TERM.dwg

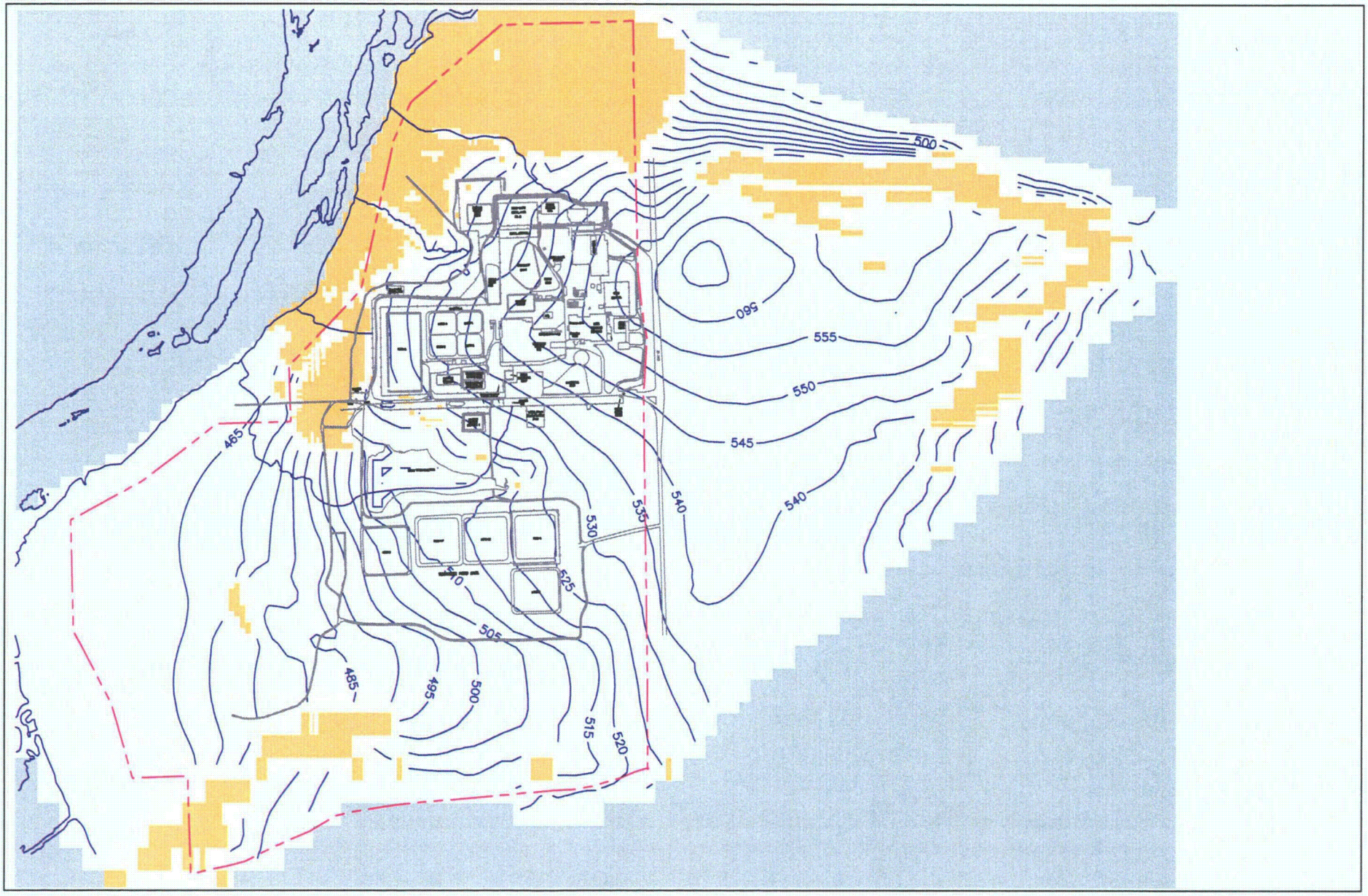

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FIGURE 9-55
LAYER 4
LONG-TERM HEADS

Date:	MAY 2009
Project:	SEQUOYAH
File:	LONG-TERM.dwg

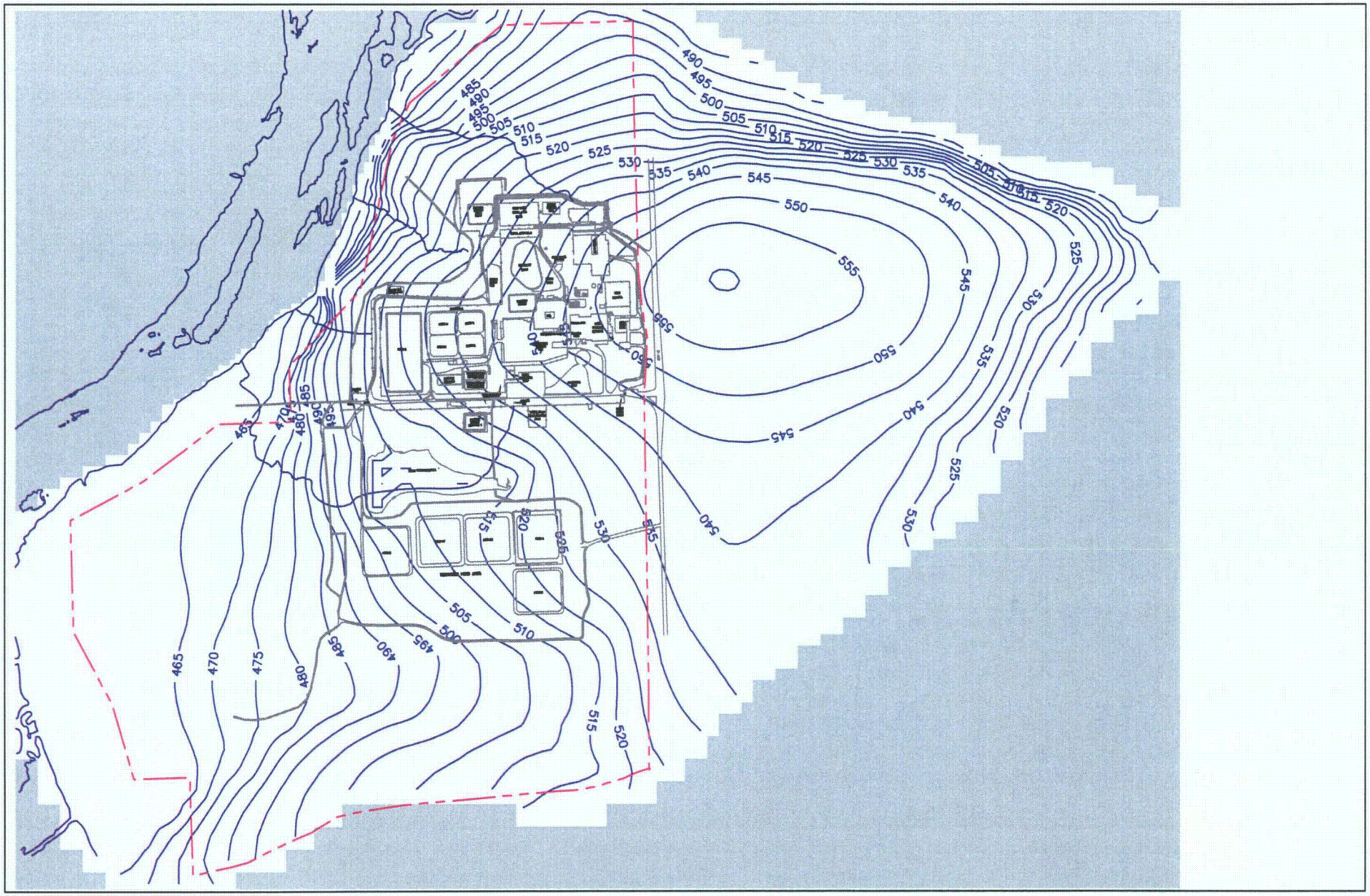

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FIGURE 9-56
LAYER 5
LONG-TERM HEADS

Date:	MAY 2009
Project:	SEQUOYAH
File:	LONG-TERM.dwg

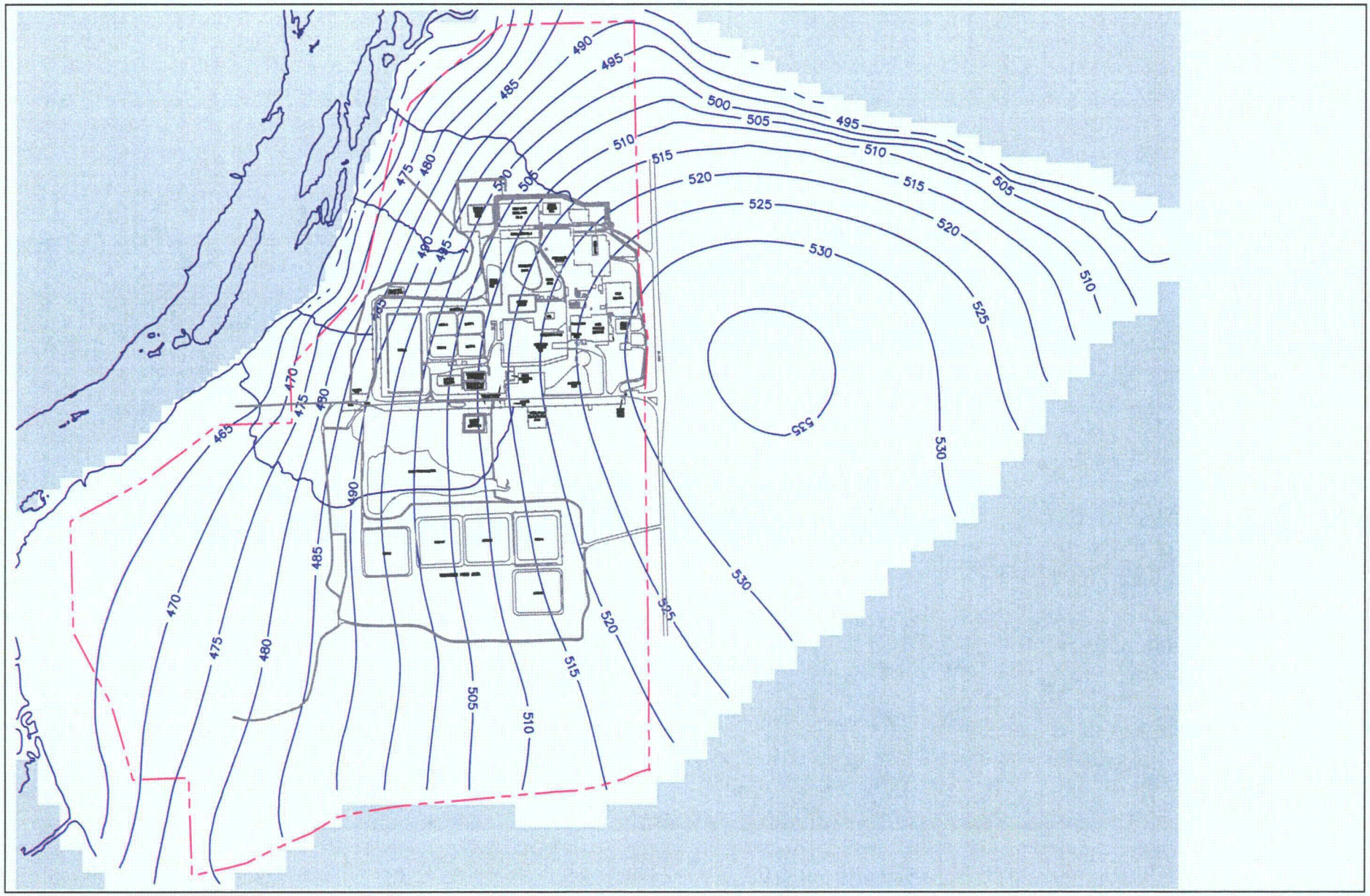

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FIGURE 9-57
LAYER 6
LONG-TERM HEADS

Date:	MAY 2009
Project:	SEQUOYAH
File:	LONG-TERM.dwg

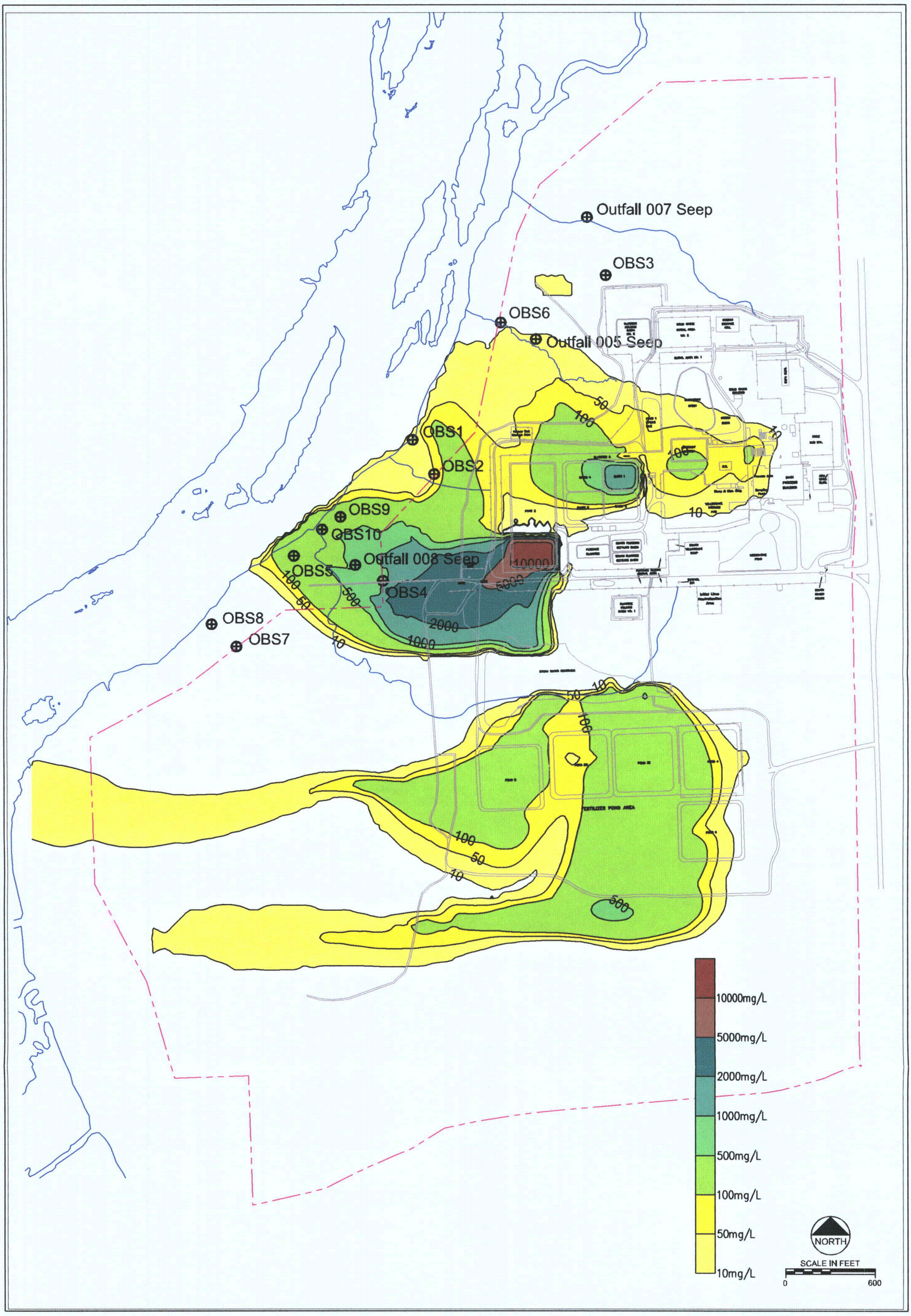

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FIGURE 9-58
MODELED NITRATE MAXIMUM INITIAL CONCENTRATIONS

Date:	MAY 2009
Project:	SEQUOYAH
File:	years_N.dwg

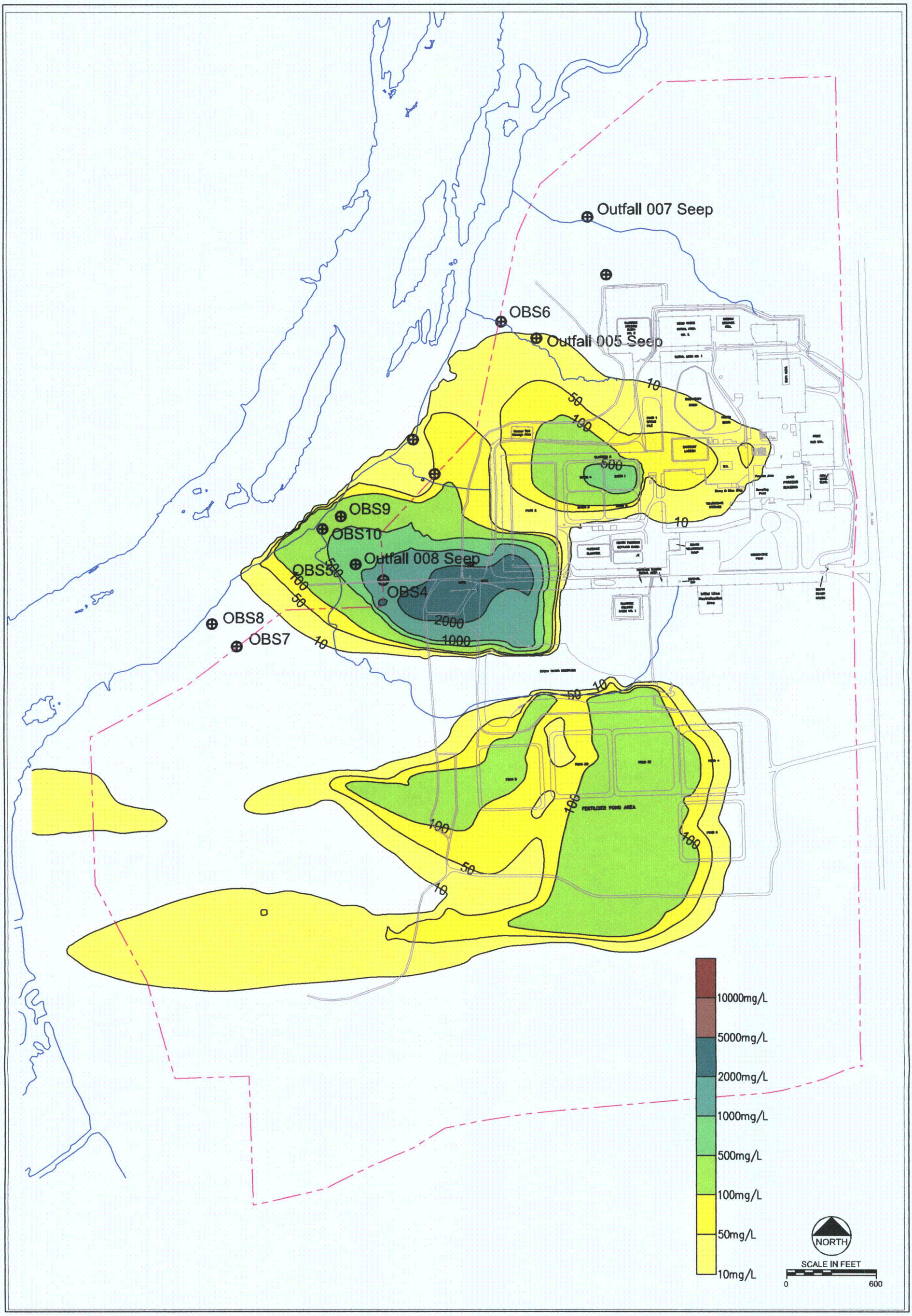

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FIGURE 9-59
MODELED NITRATE MAXIMUM CONCENTRATIONS 5 YEARS

Date:	MAY 2009
Project:	SEQUOYAH
File:	years_N.dwg

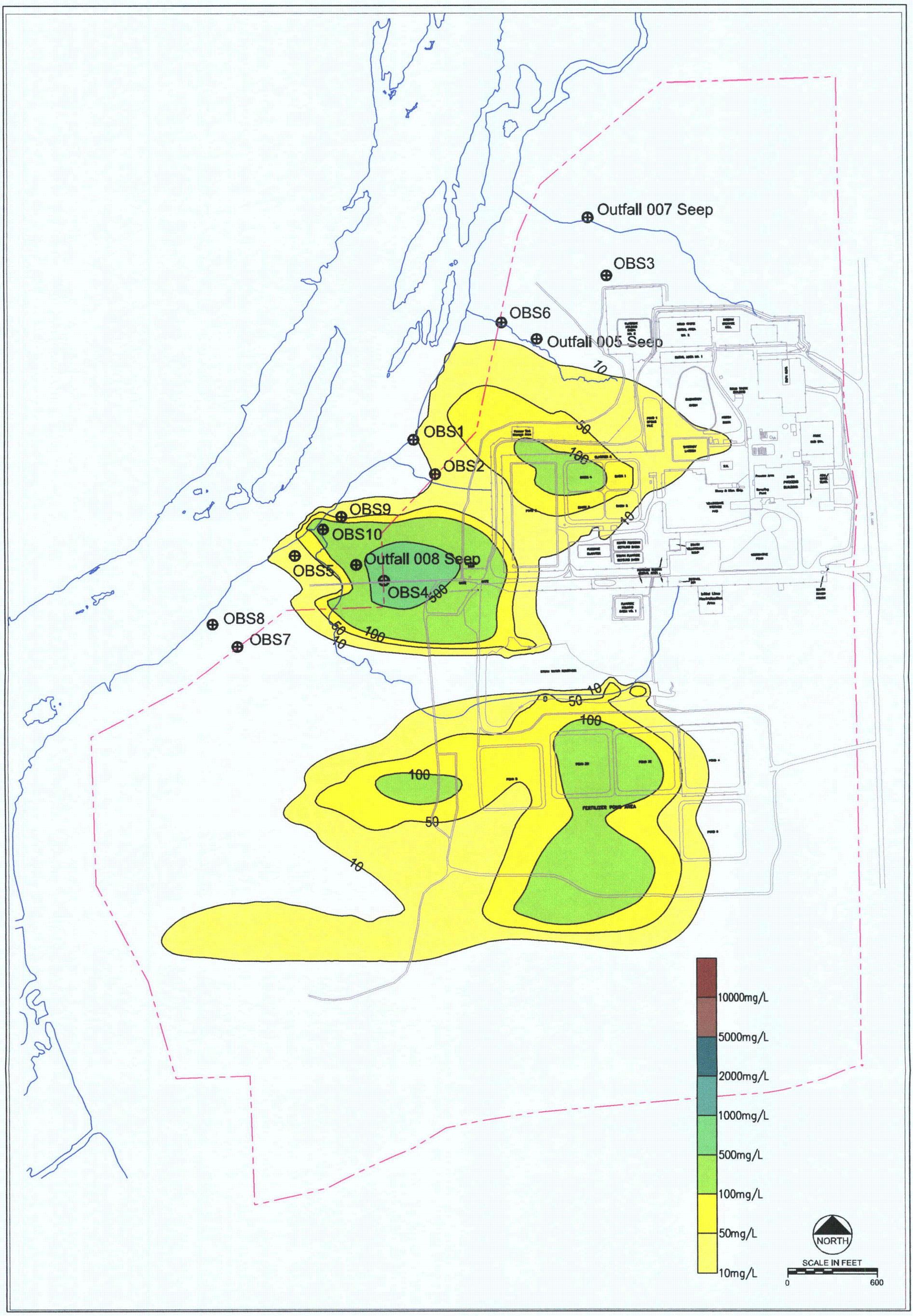

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FIGURE 9-60
MODELED NITRATE MAXIMUM CONCENTRATIONS 25 YEARS

Date:	MAY 2009
Project:	SEQUOYAH
File:	years_N.dwg

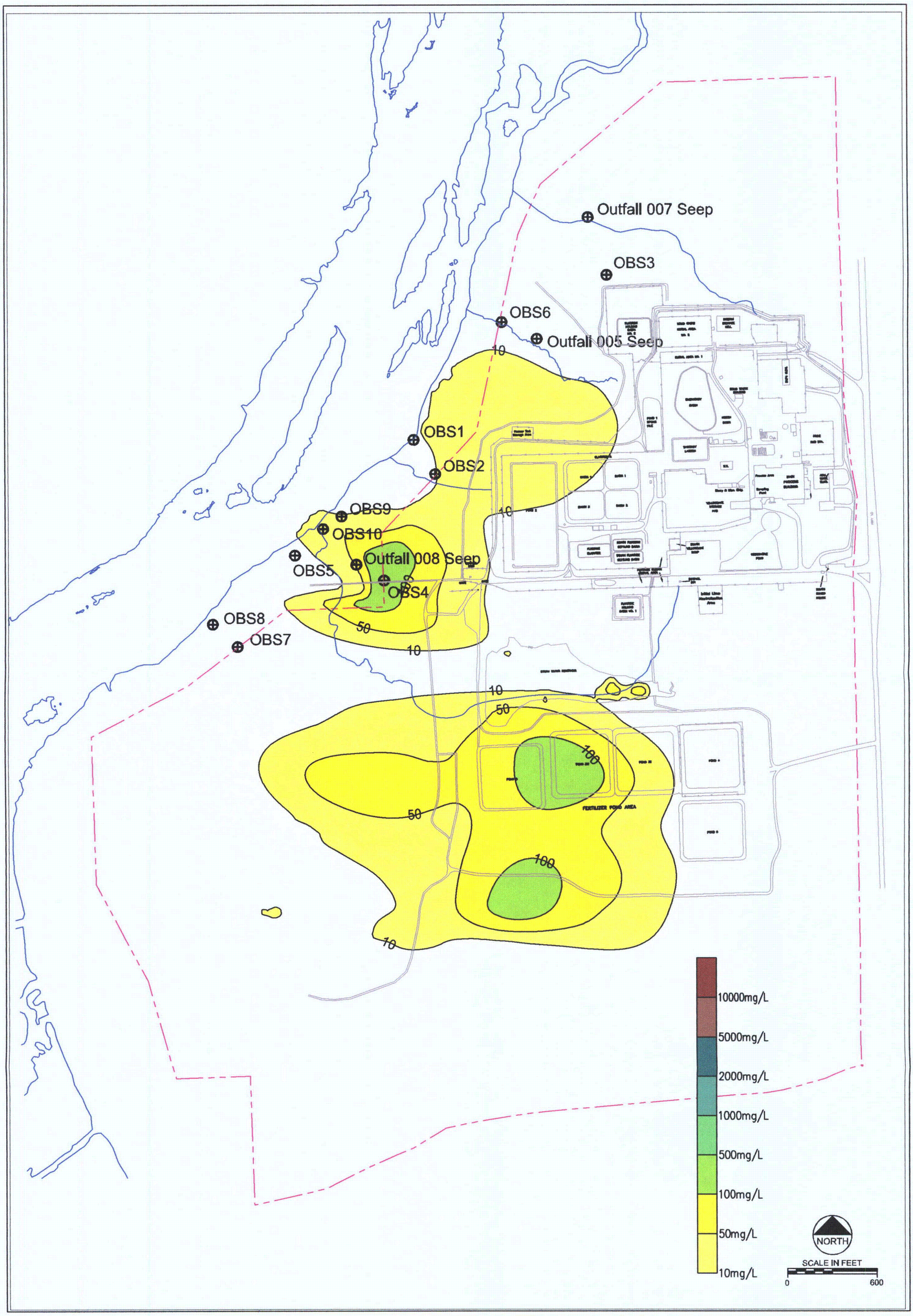

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FIGURE 9-61
MODELED NITRATE MAXIMUM CONCENTRATIONS 50 YEARS

Date:	MAY 2009
Project:	SEQUOYAH
File:	years_N.dwg

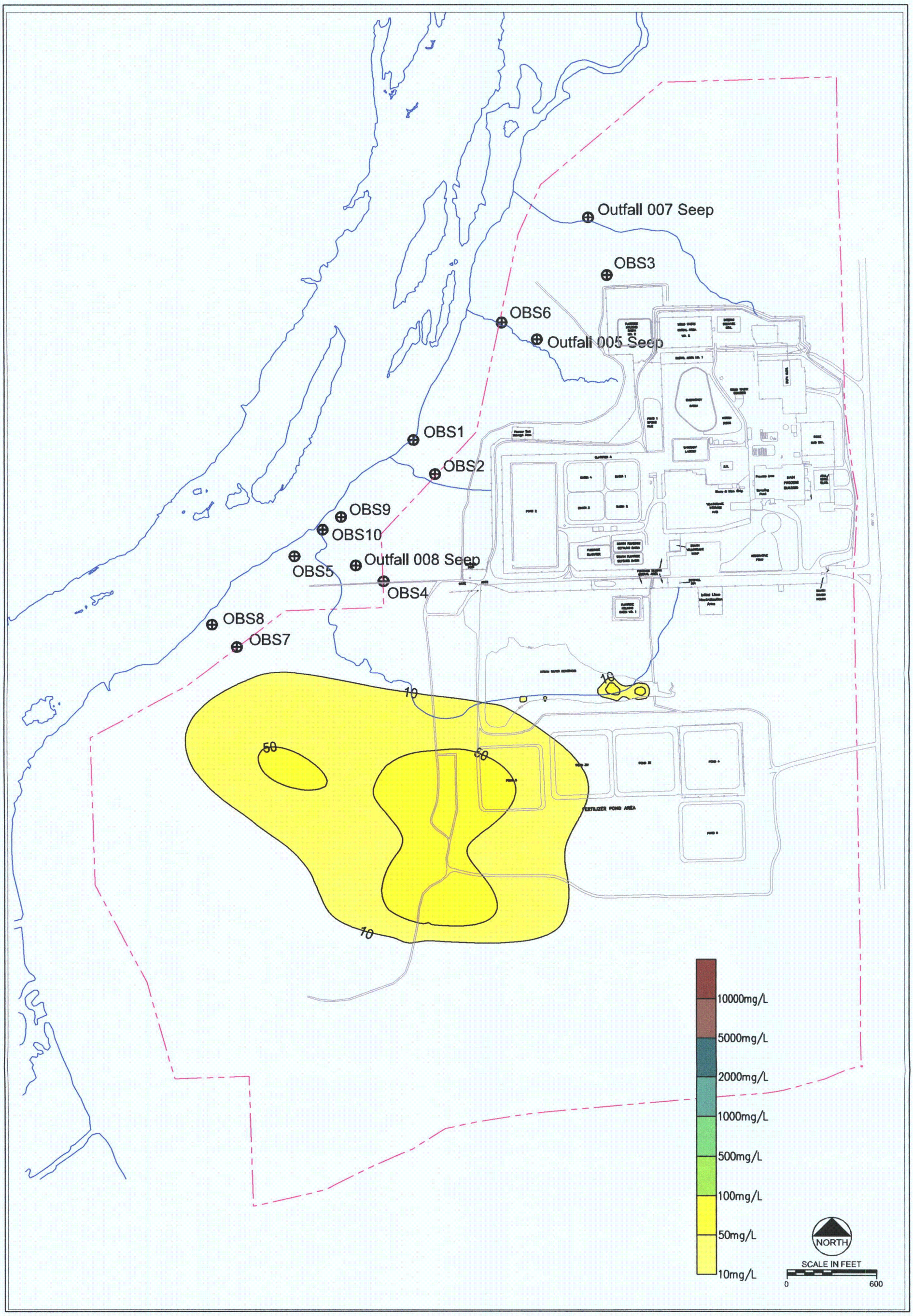

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FIGURE 9-62
MODELED NITRATE MAXIMUM CONCENTRATIONS 100 YEARS

Date:	MAY 2009
Project:	SEQUOYAH
File:	years_N.dwg

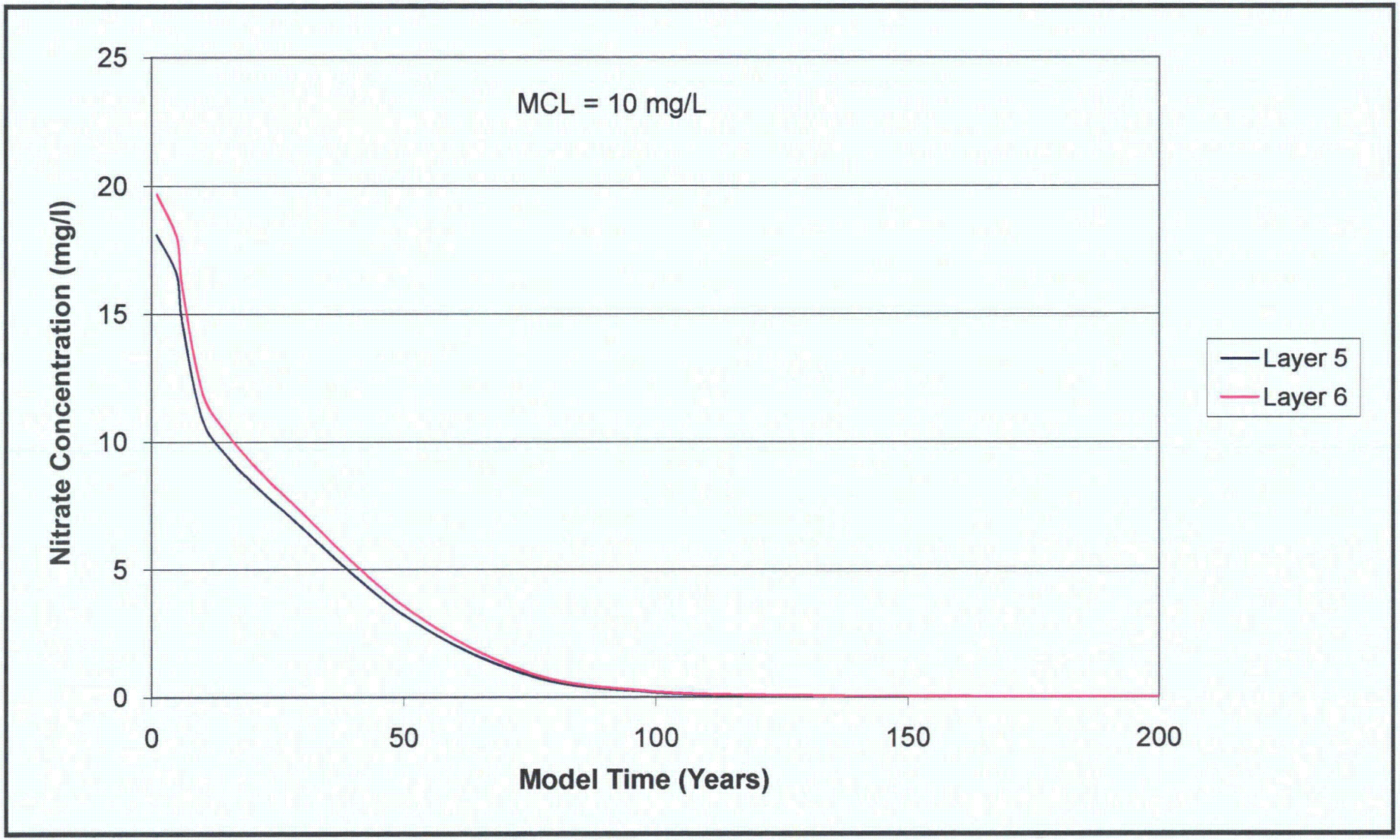

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FIGURE 9-63

NITRATE CONCENTRATIONS

AT OBSERVATION POINT 1

Date:	May 2009
Project:	Sequoyah
File:	Nit Con.xls

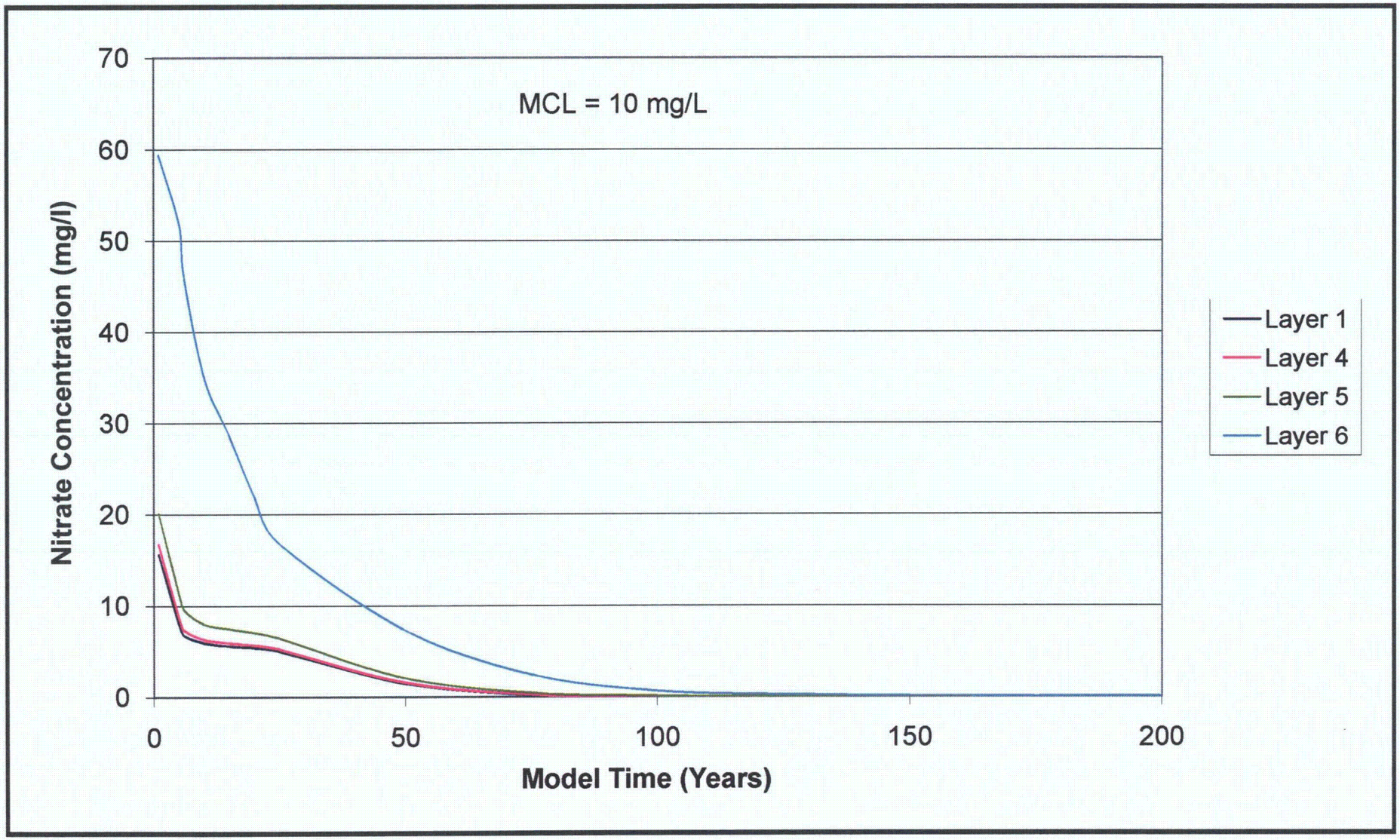

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FIGURE 9-64

NITRATE CONCENTRATIONS

AT OBSERVATION POINT 2

Date:	May 2009
Project:	Sequoyah
File:	Nit Con.xls

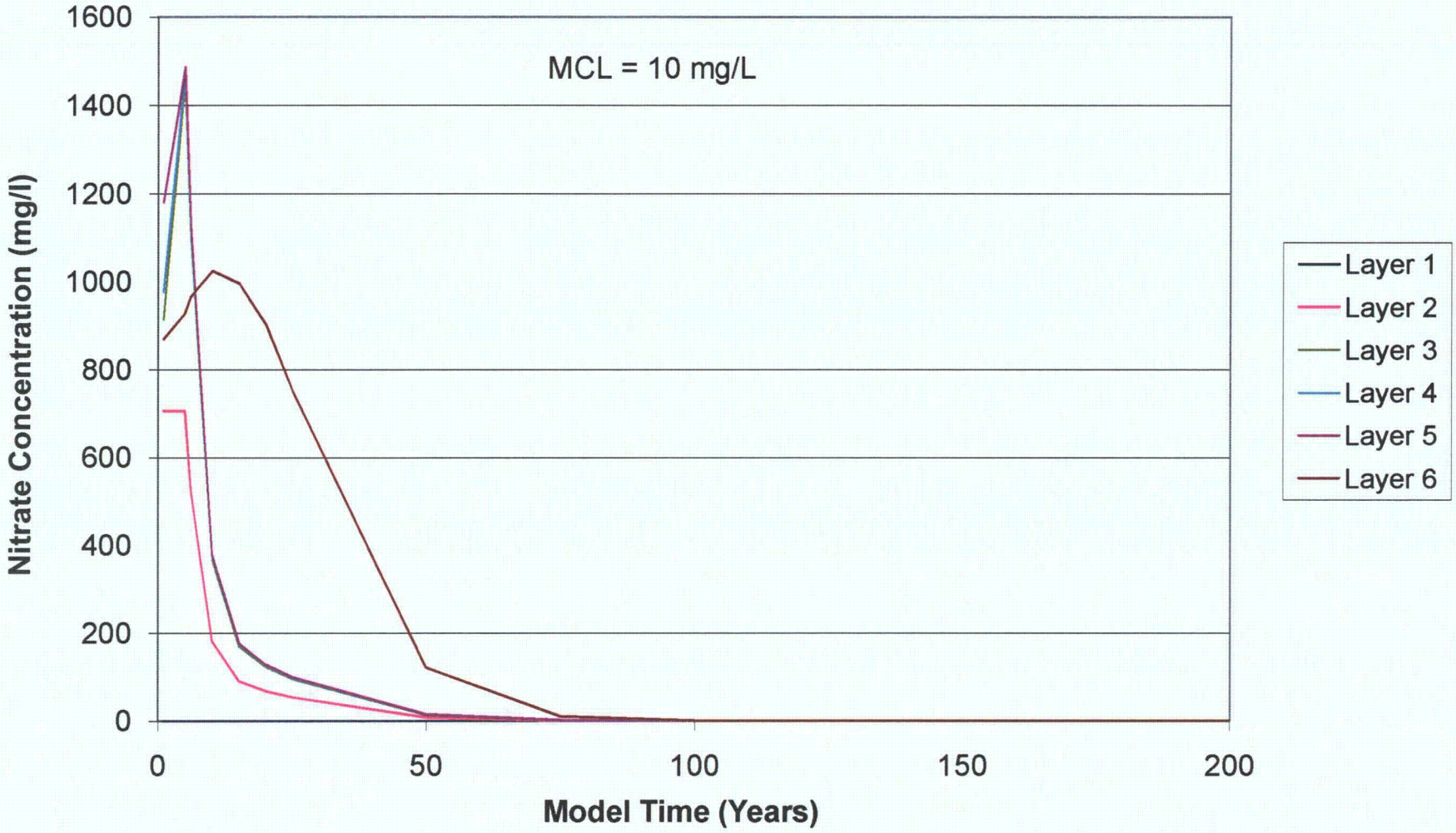

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FIGURE 9-65

NITRATE CONCENTRATIONS

AT OBSERVATION POINT 4

Date:	May 2009
Project:	Sequoyah
File:	Nit Con.xls

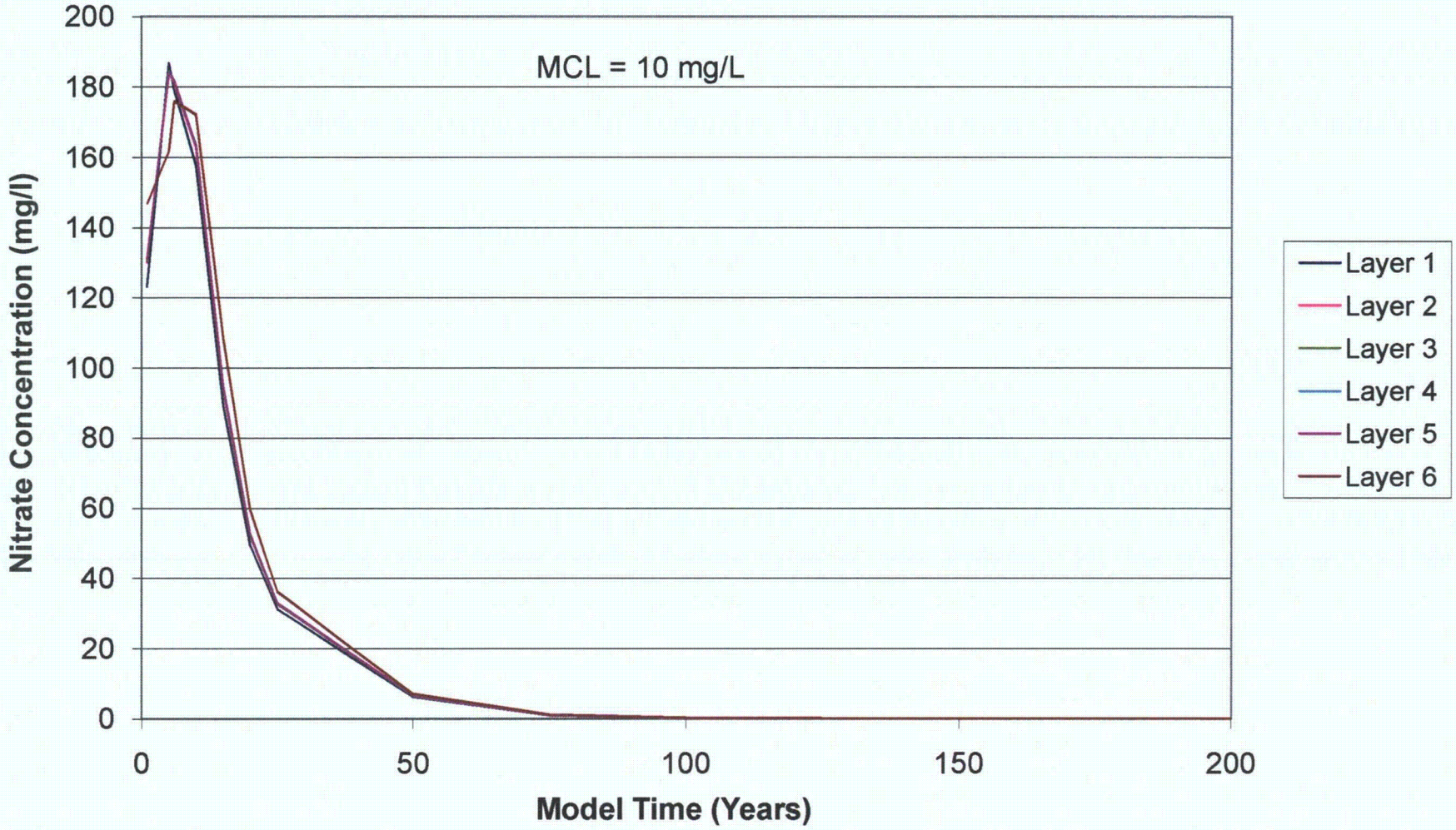

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FIGURE 9-66

NITRATE CONCENTRATIONS

AT OBSERVATION POINT 5

Date:	May 2009
Project:	Sequoyah
File:	Nit Con.xls

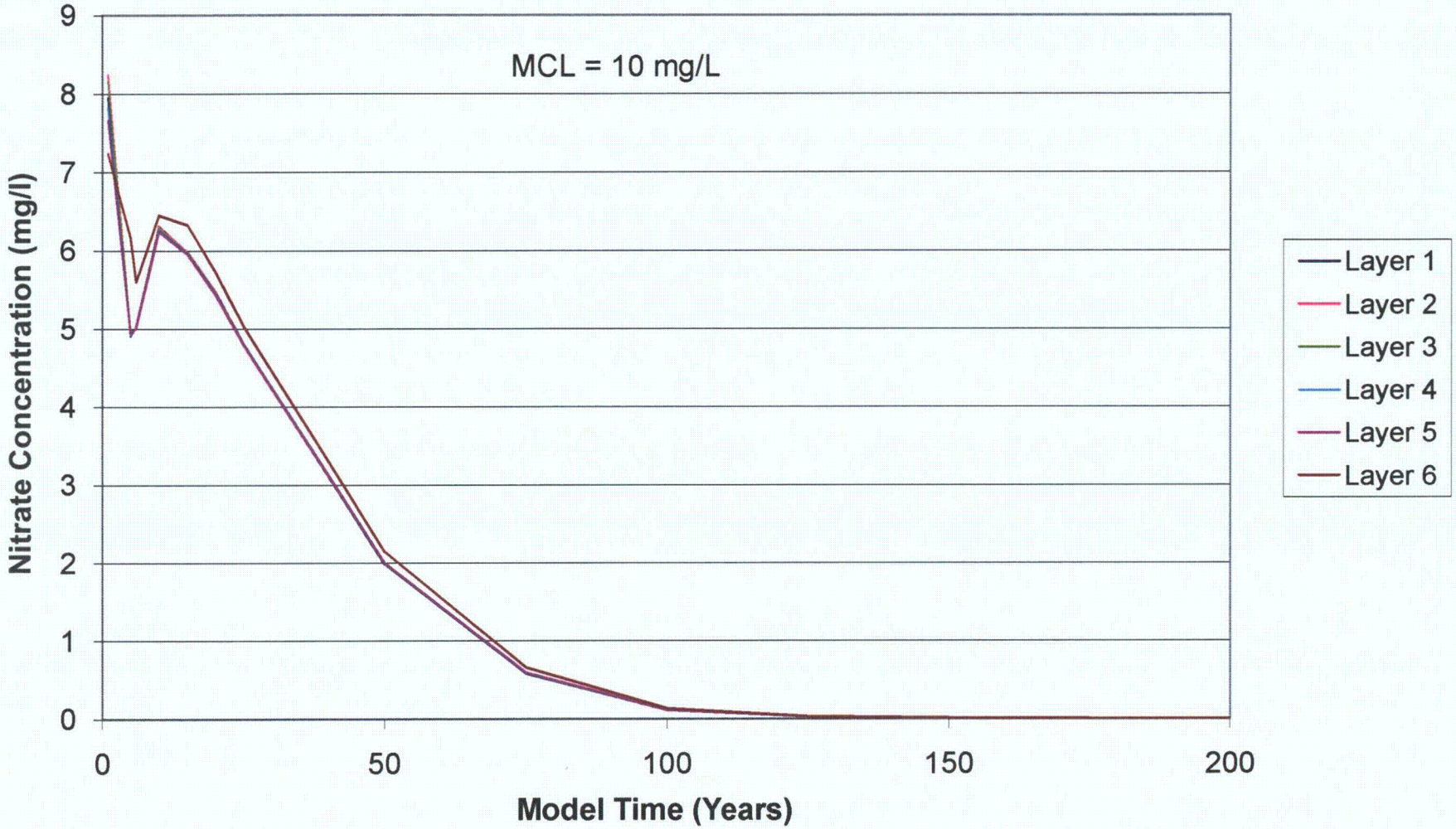

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FIGURE 9-67

NITRATE CONCENTRATIONS

AT OBSERVATION POINT 6

Date:	May 2009
Project:	Sequoyah
File:	Nit Con.xls