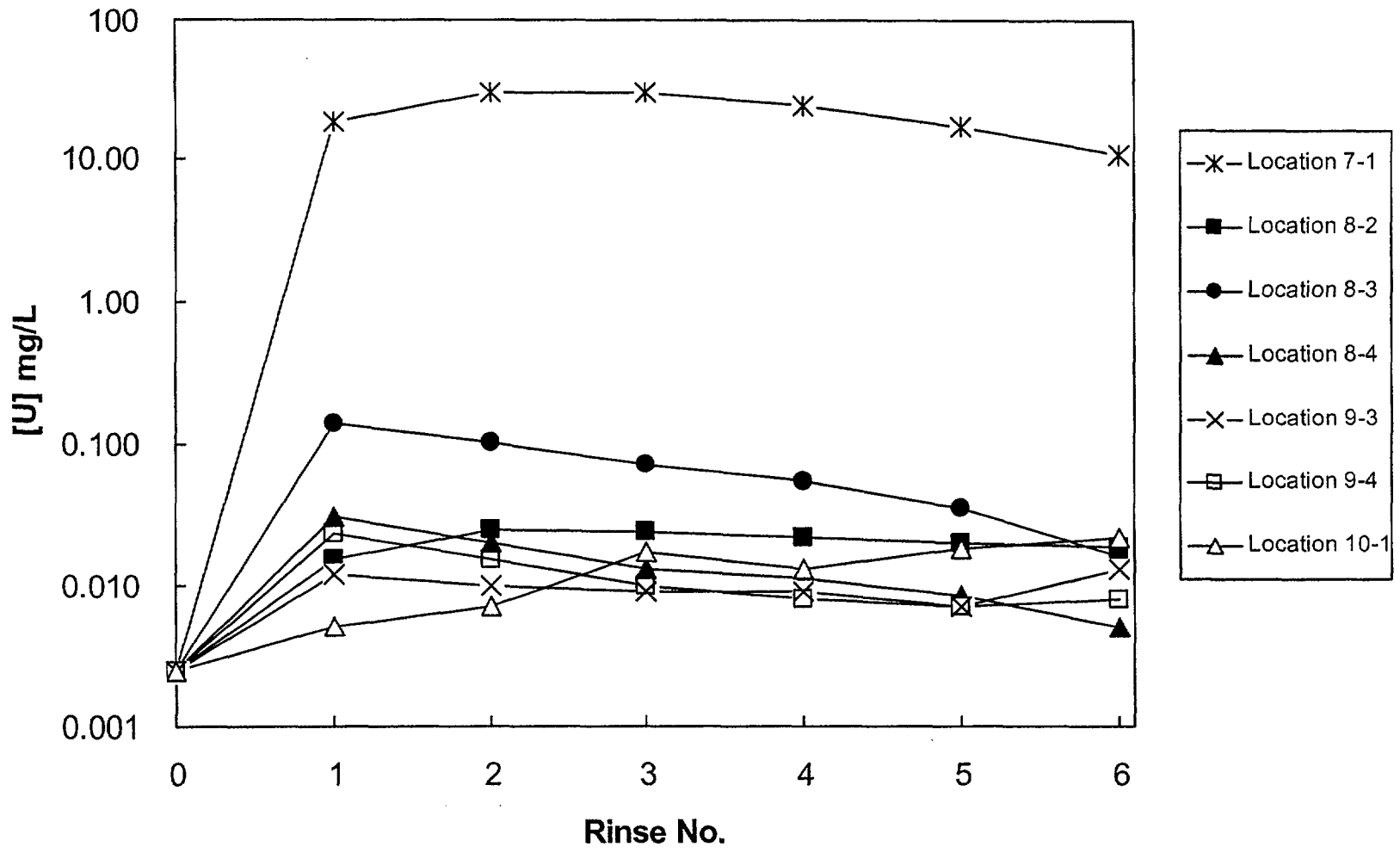

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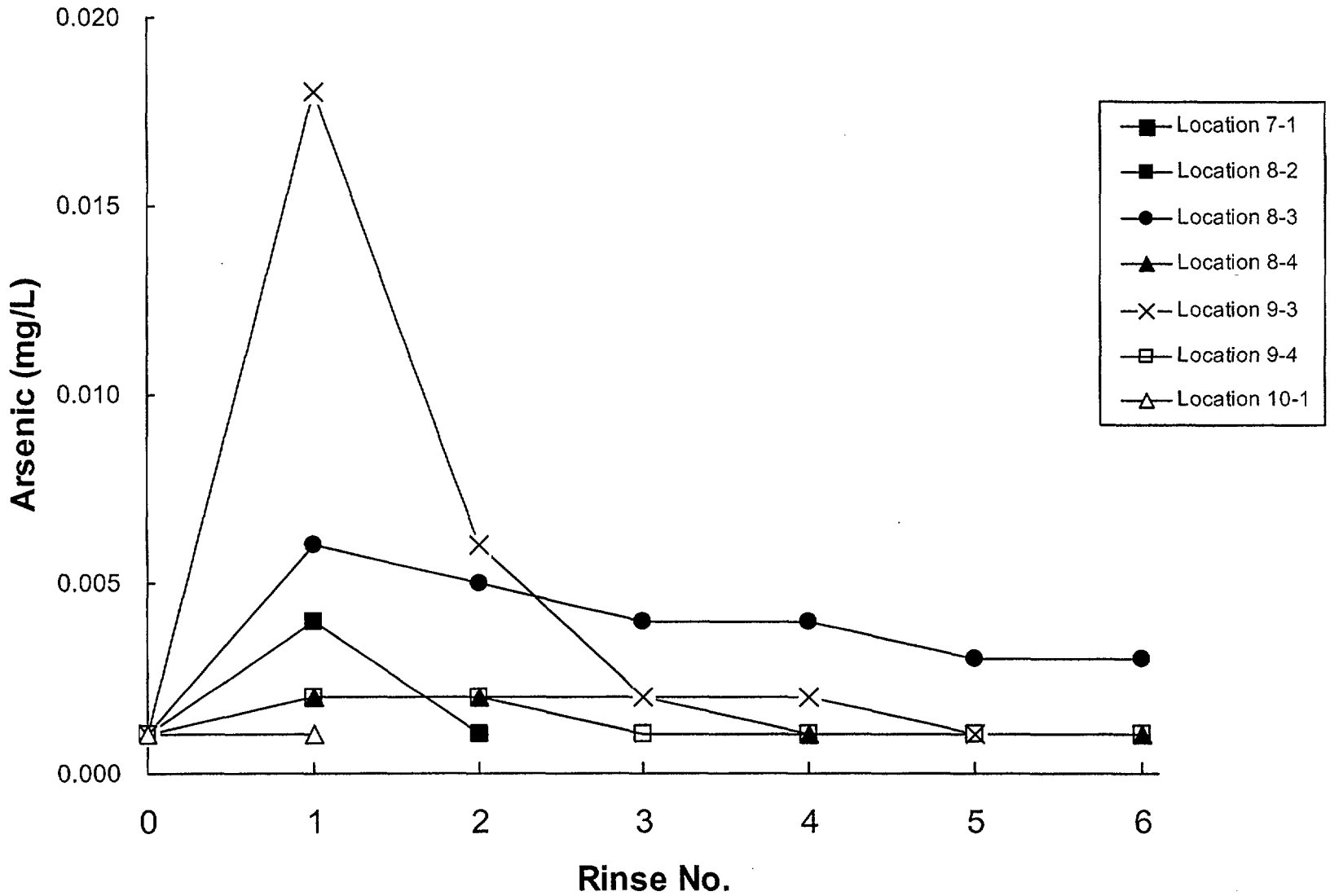
FIGURE 5-1
URANIUM CONCENTRATIONS IN THE K_d BATCH TEST SOLUTIONS

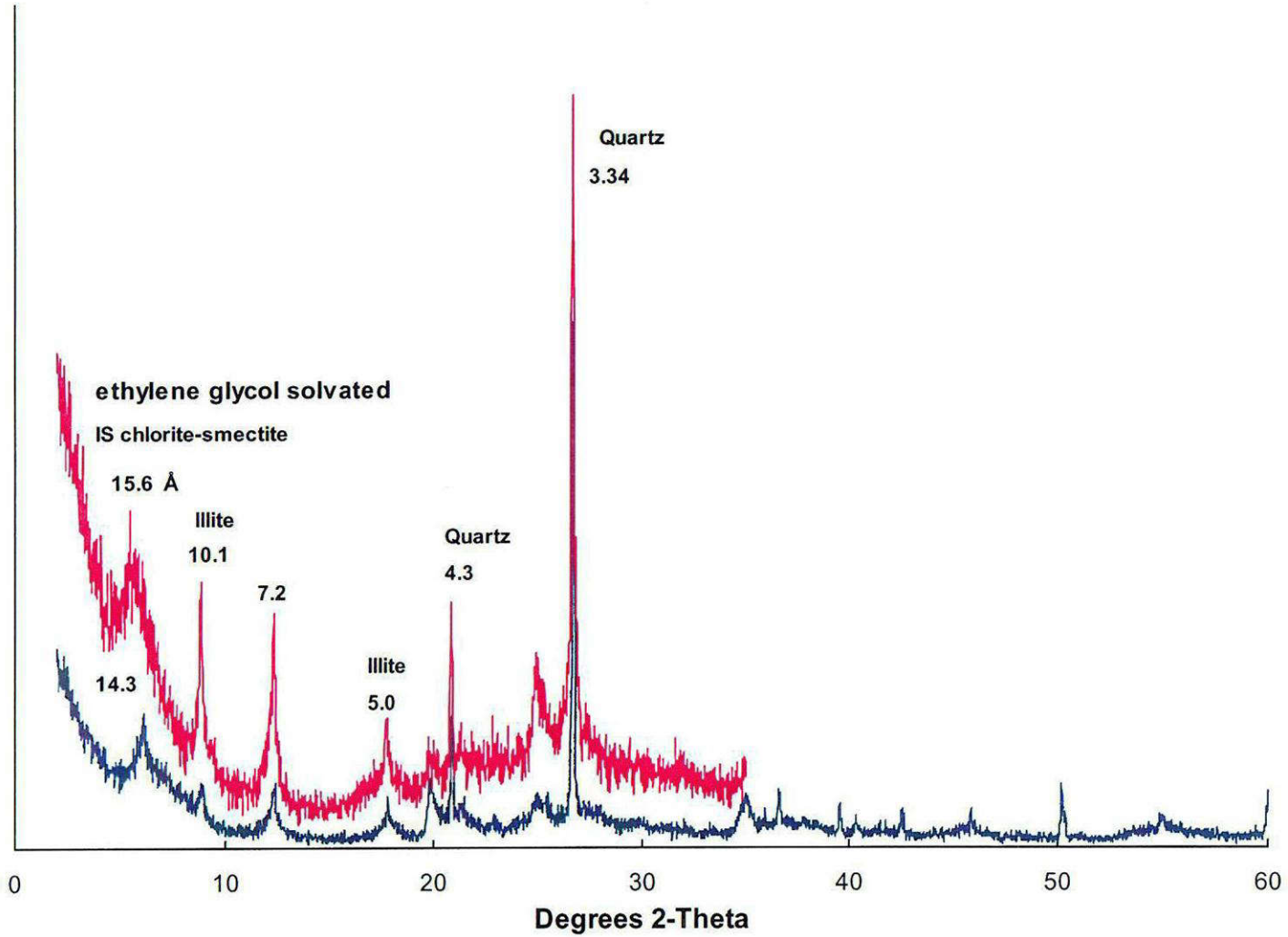
Date:	OCTOBER 2002
Project:	P:\100734-2\REV CHAR RPT
File:	GEOCHEM.ppt



consulting scientists and engineers

FIGURE 5-2
ARSENIC CONCENTRATIONS IN THE K_d BATCH TEST SOLUTIONS

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



C01

consulting scientists and engineers

FIGURE 5-3
X-RAY DIFFRACTION PATTERN FOR SHALE 1 (LOCATION 7) COMPARING THE d(001)-SPACING OF UNTREATED AND ETHYLENE GLYCOL SOLVATED SAMPLES

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

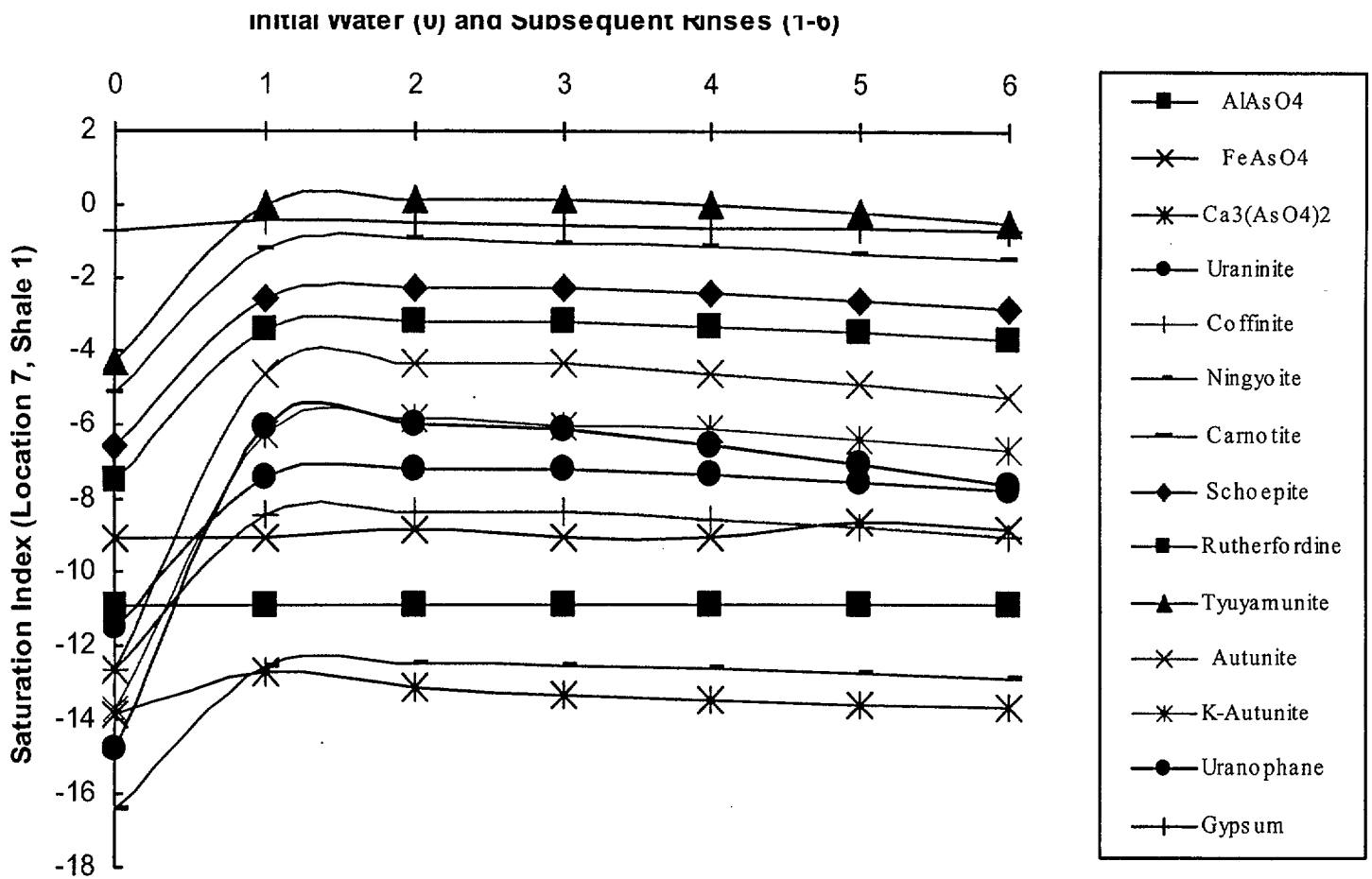


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FIGURE 5-4
MINERAL SATURATION INDICES FOR THE SHALE 1 (LOCATION 7)
BATCH TEST SOLUTIONS

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

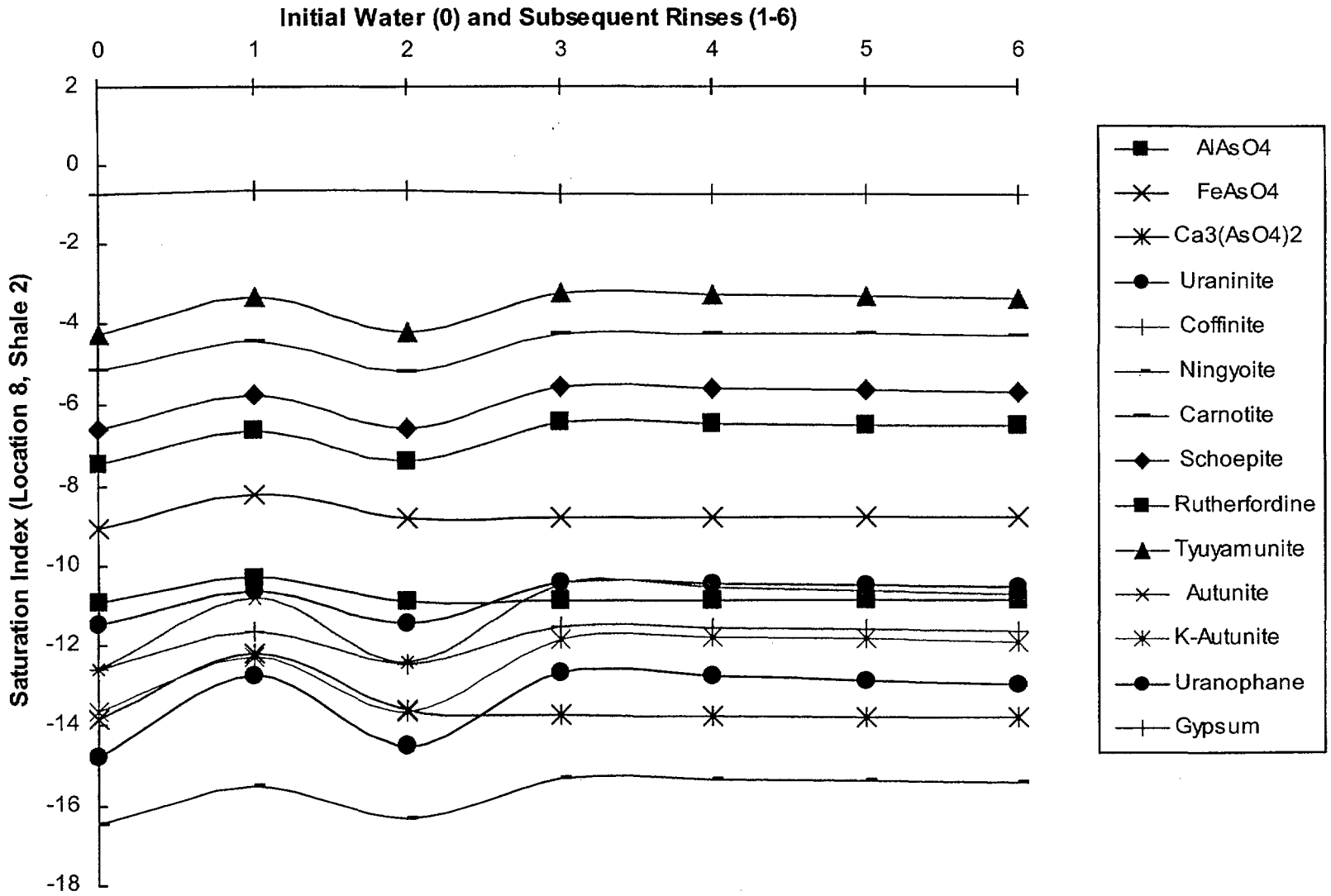

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FIGURE 5-5
MINERAL SATURATION INDICES FOR THE SHALE 2 (LOCATION 8)
BATCH TEST SOLUTIONS

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

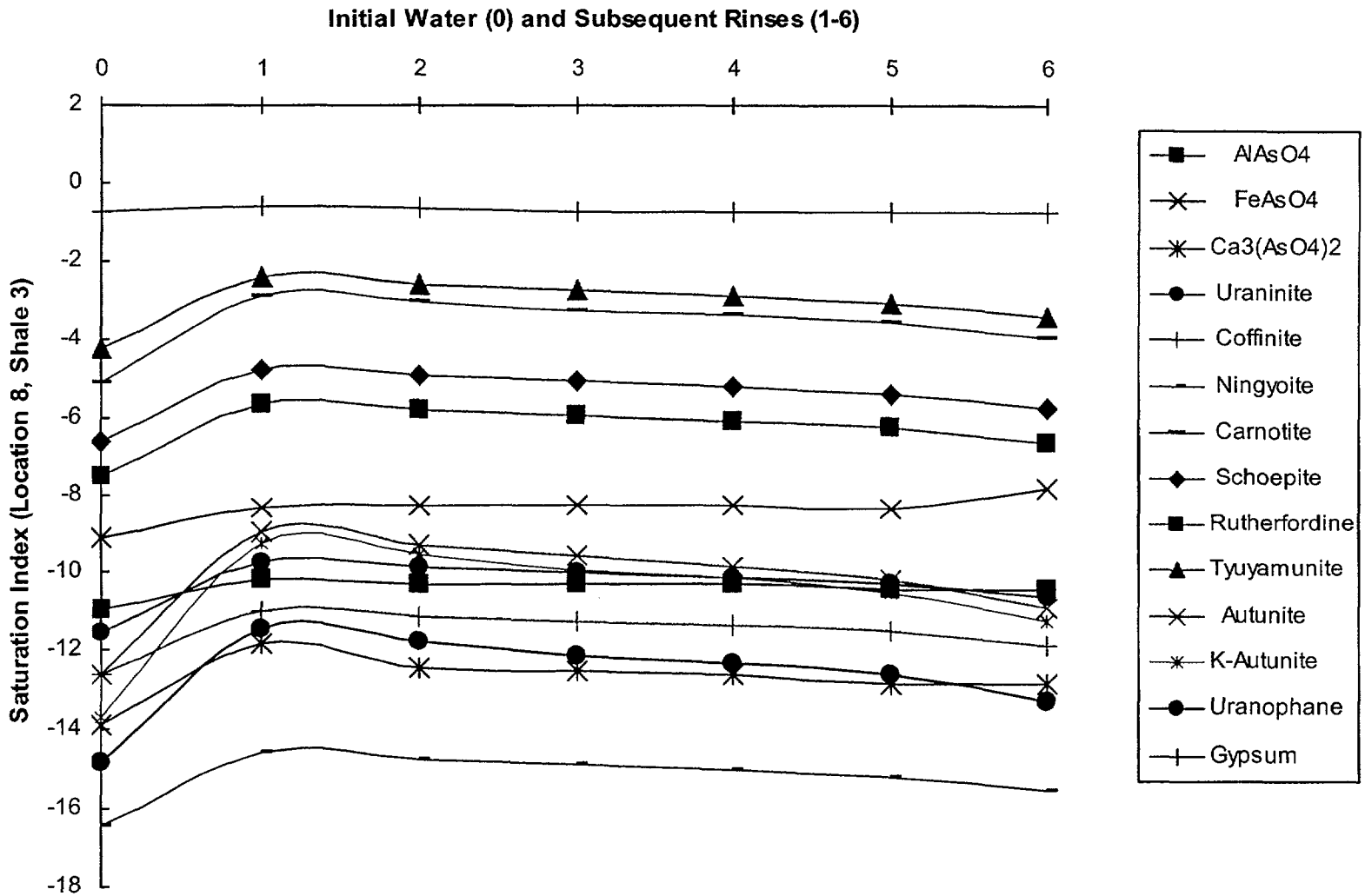

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FIGURE 5-6
MINERAL SATURATION INDICES FOR THE SHALE 3 (LOCATION 8)
BATCH TEST SOLUTIONS

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

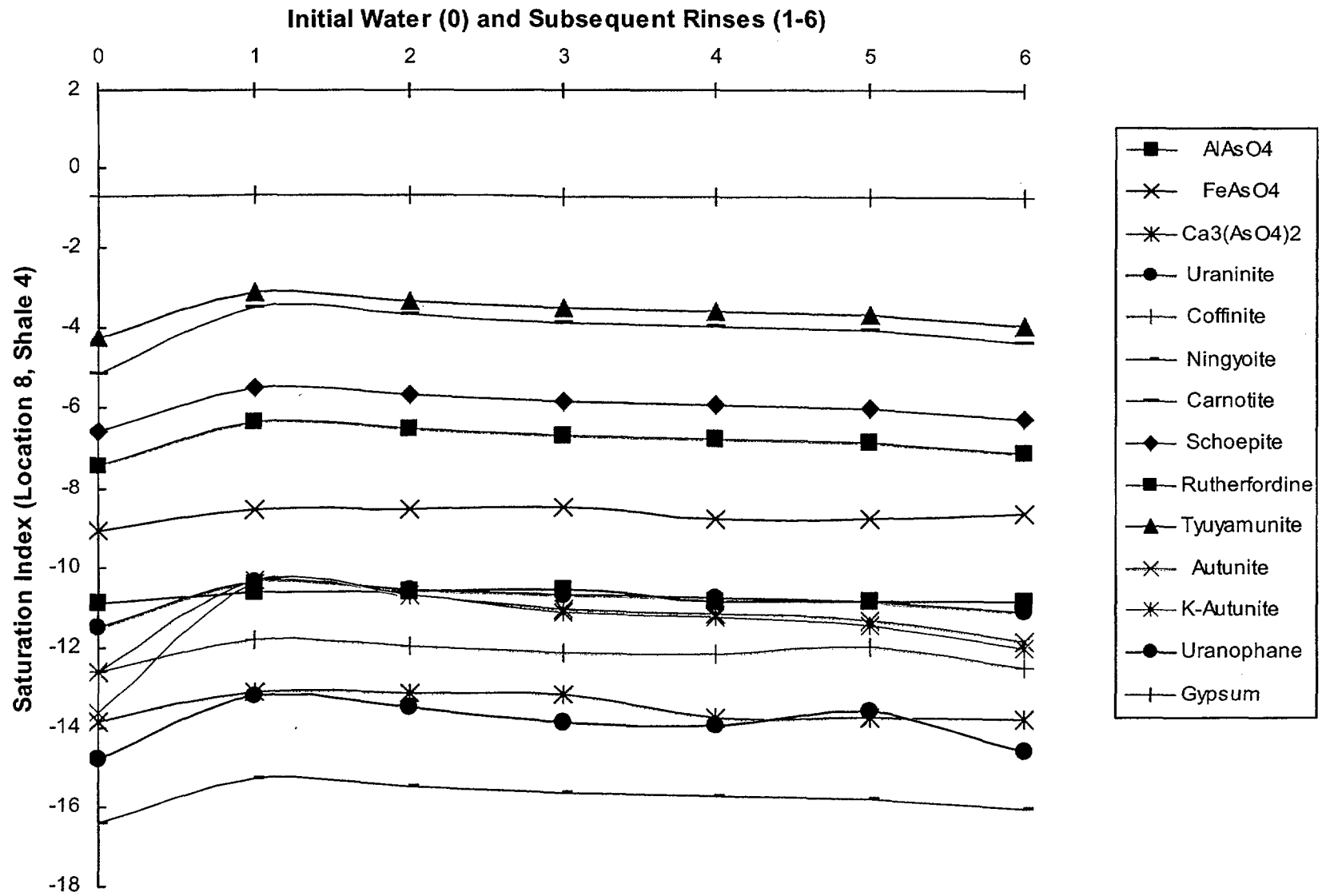

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FIGURE 5-7
MINERAL SATURATION INDICES FOR THE SHALE 4 (LOCATION 8)
BATCH TEST SOLUTIONS

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

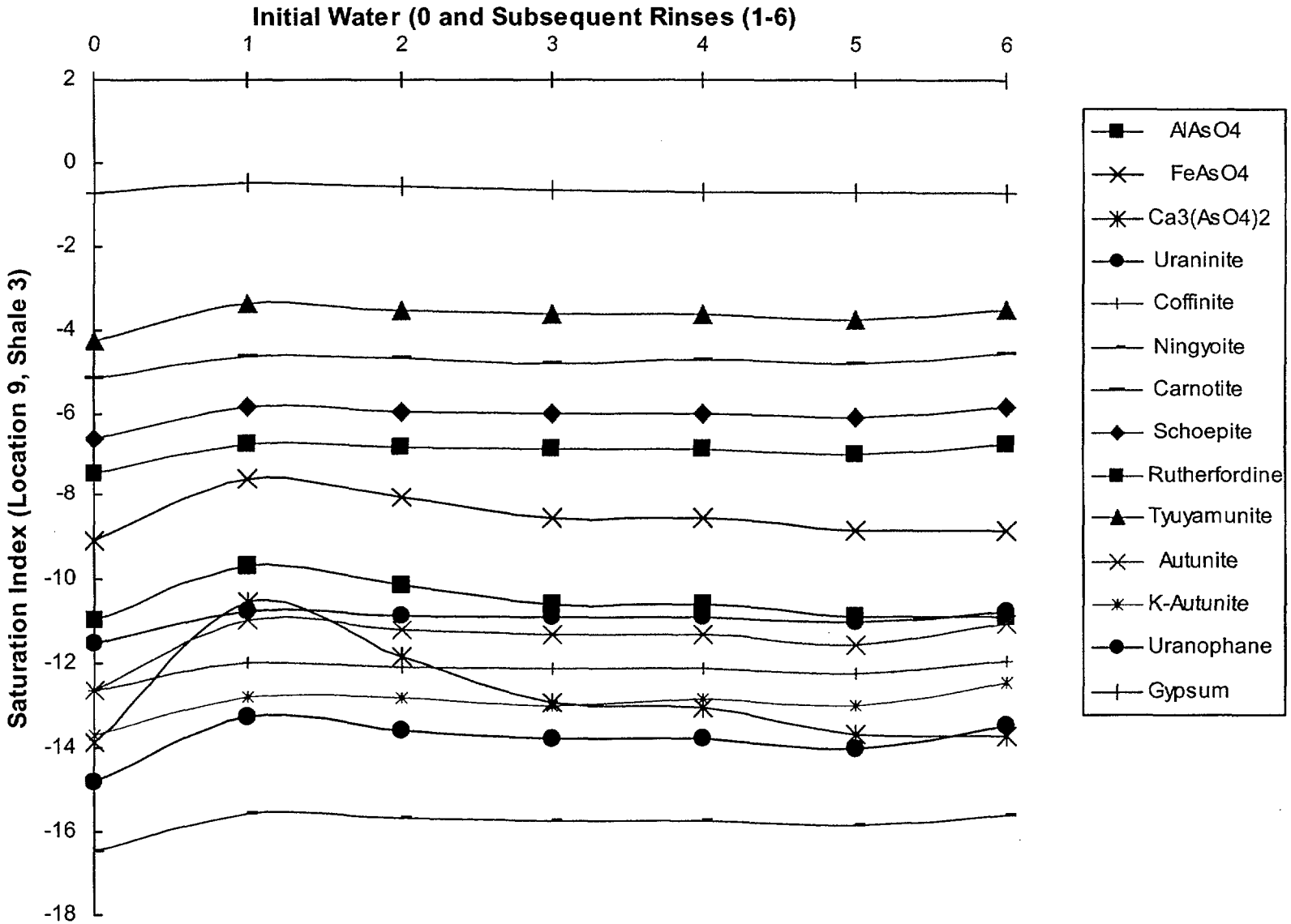

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FIGURE 5-8
MINERAL SATURATION INDICES FOR THE SHALE 3 (LOCATION 9)
BATCH TEST SOLUTIONS

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

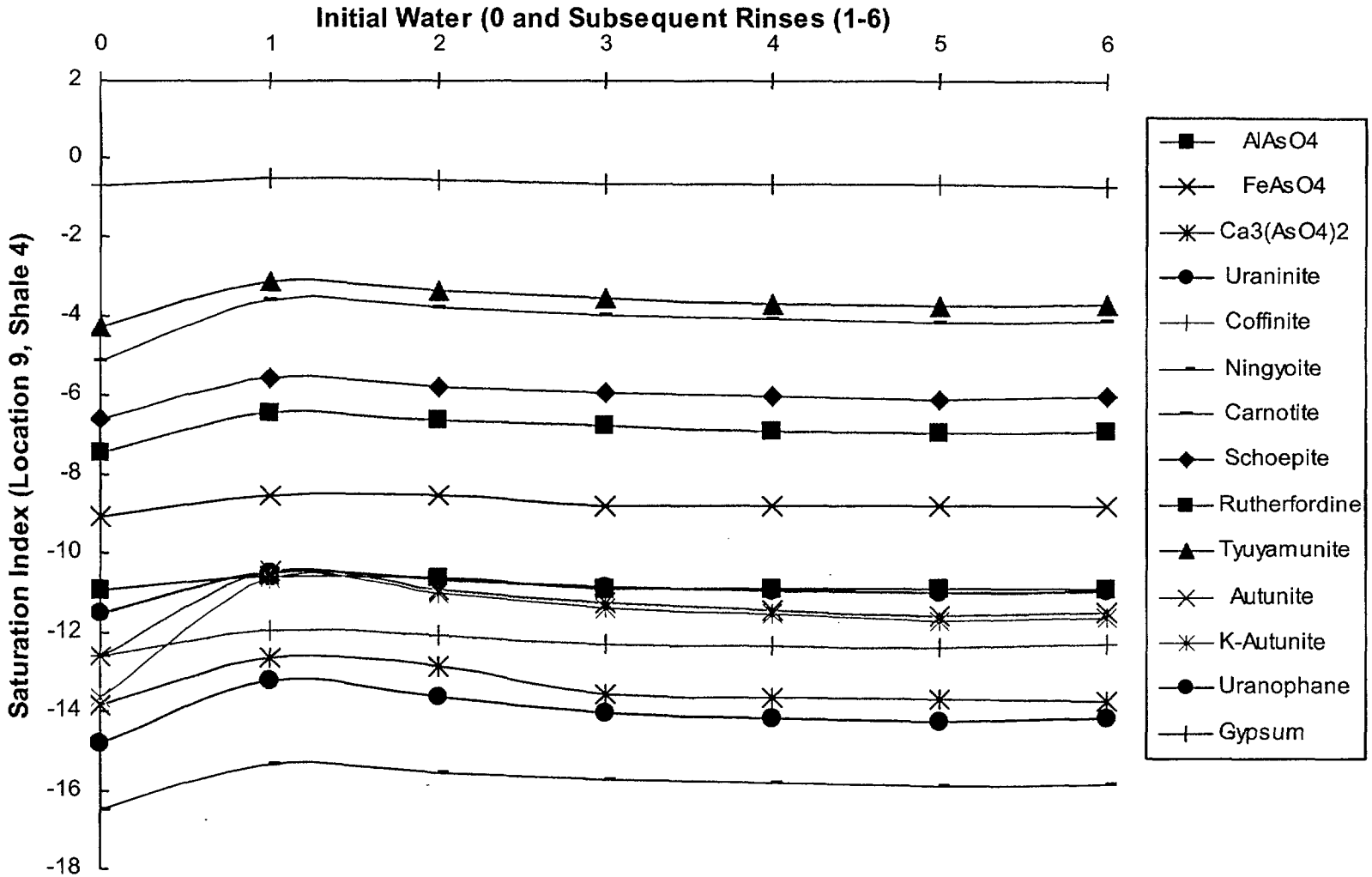

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FIGURE 5-9
MINERAL SATURATION INDICES FOR THE SHALE 4 (LOCATION 9)
BATCH TEST SOLUTIONS

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

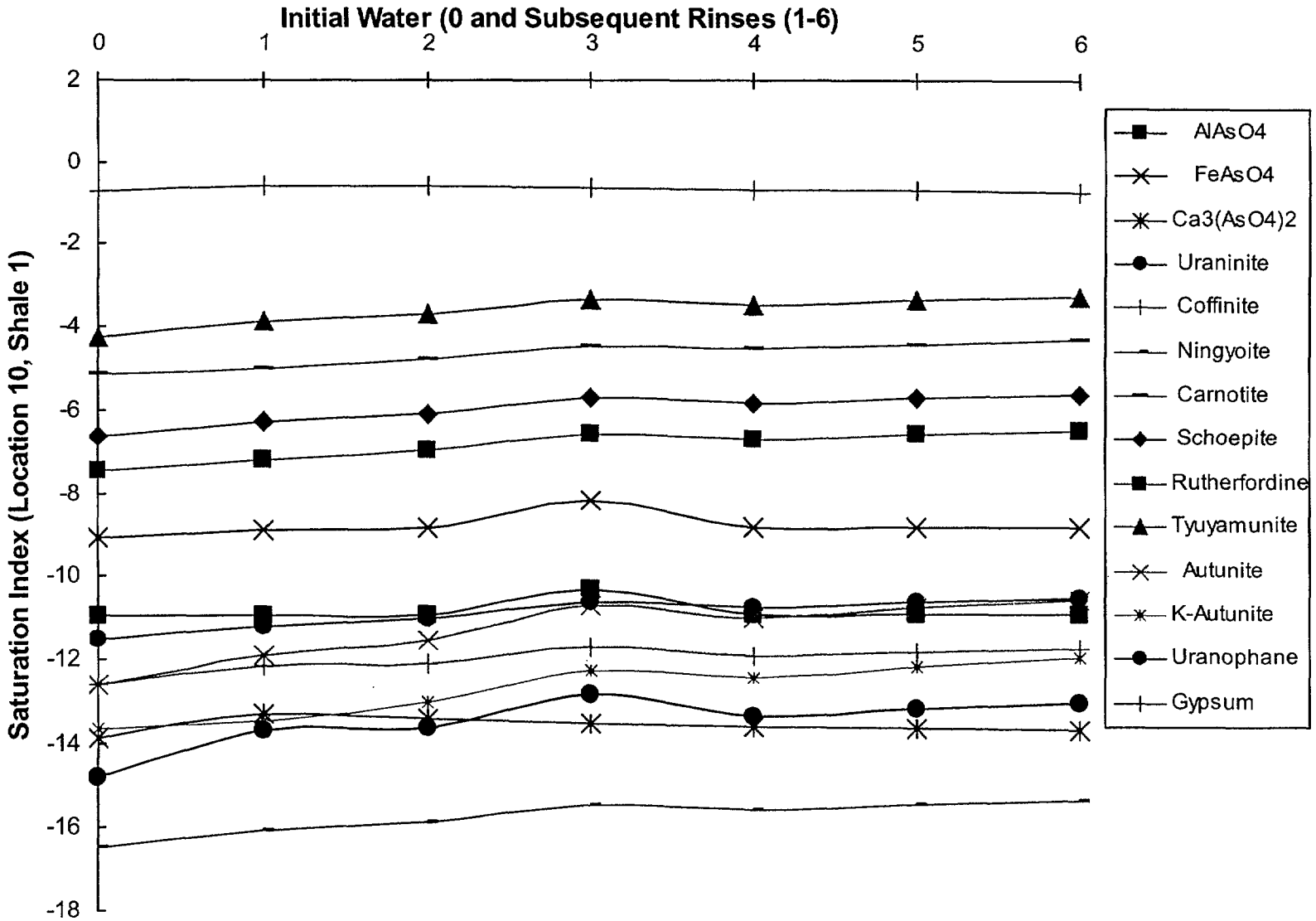

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FIGURE 5-10
MINERAL SATURATION INDICES FOR THE SHALE 1 (LOCATION 10)
BATCH TEST SOLUTIONS

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

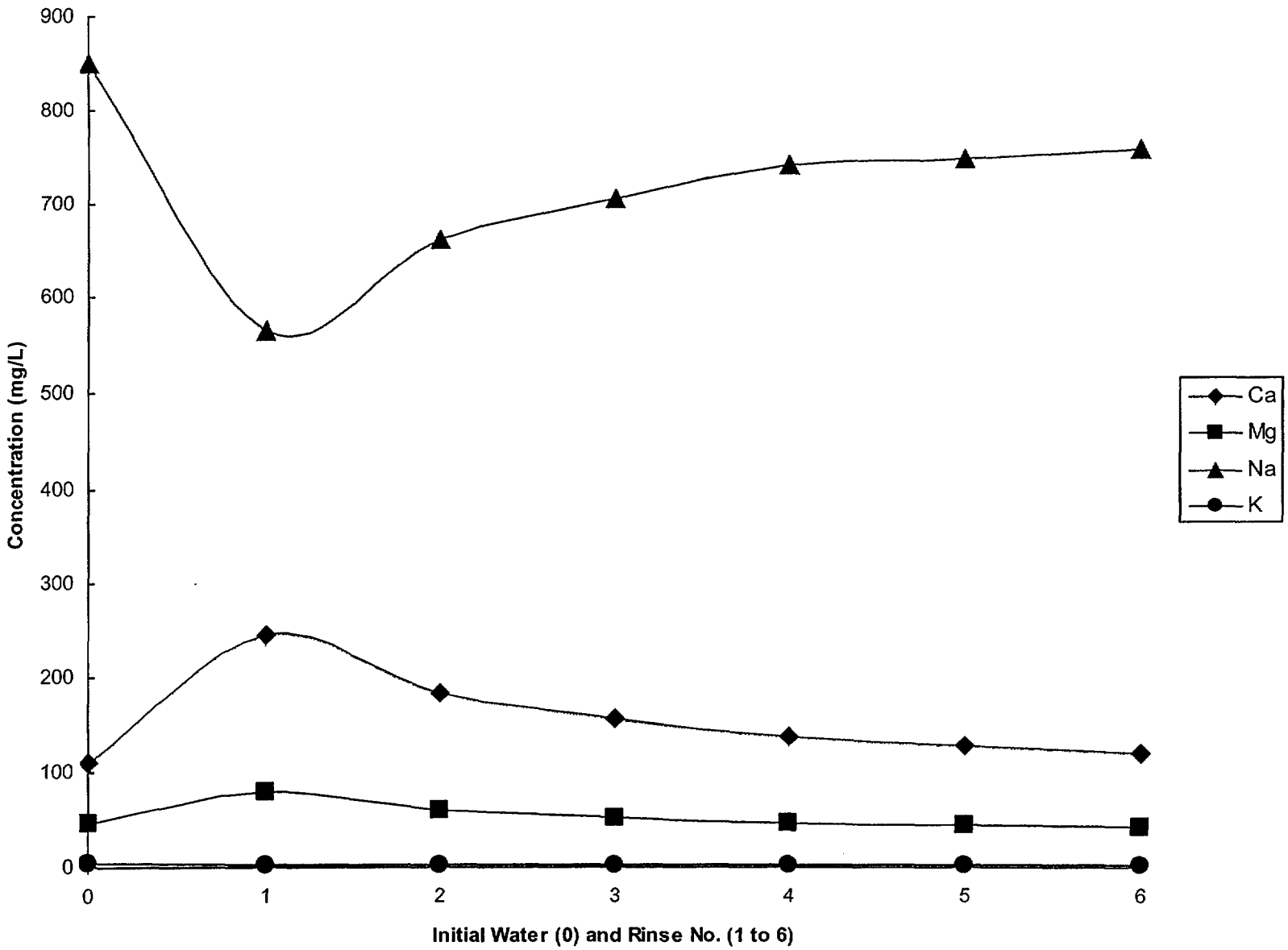

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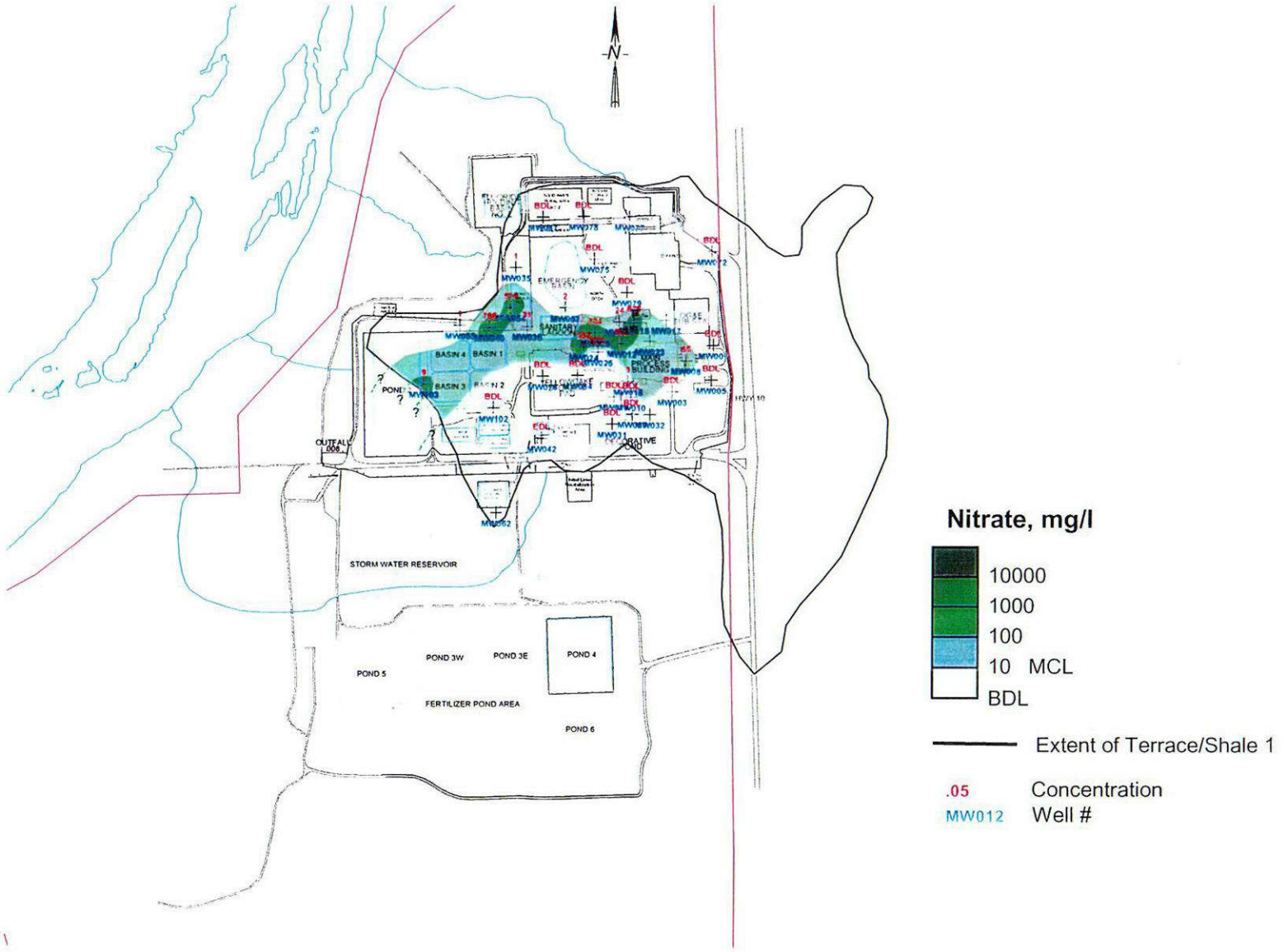
FIGURE 5-11
EXAMPLE OF MAJOR ION CHEMISTRY CHANGES DURING THE K_d BATCH TESTING

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



C02

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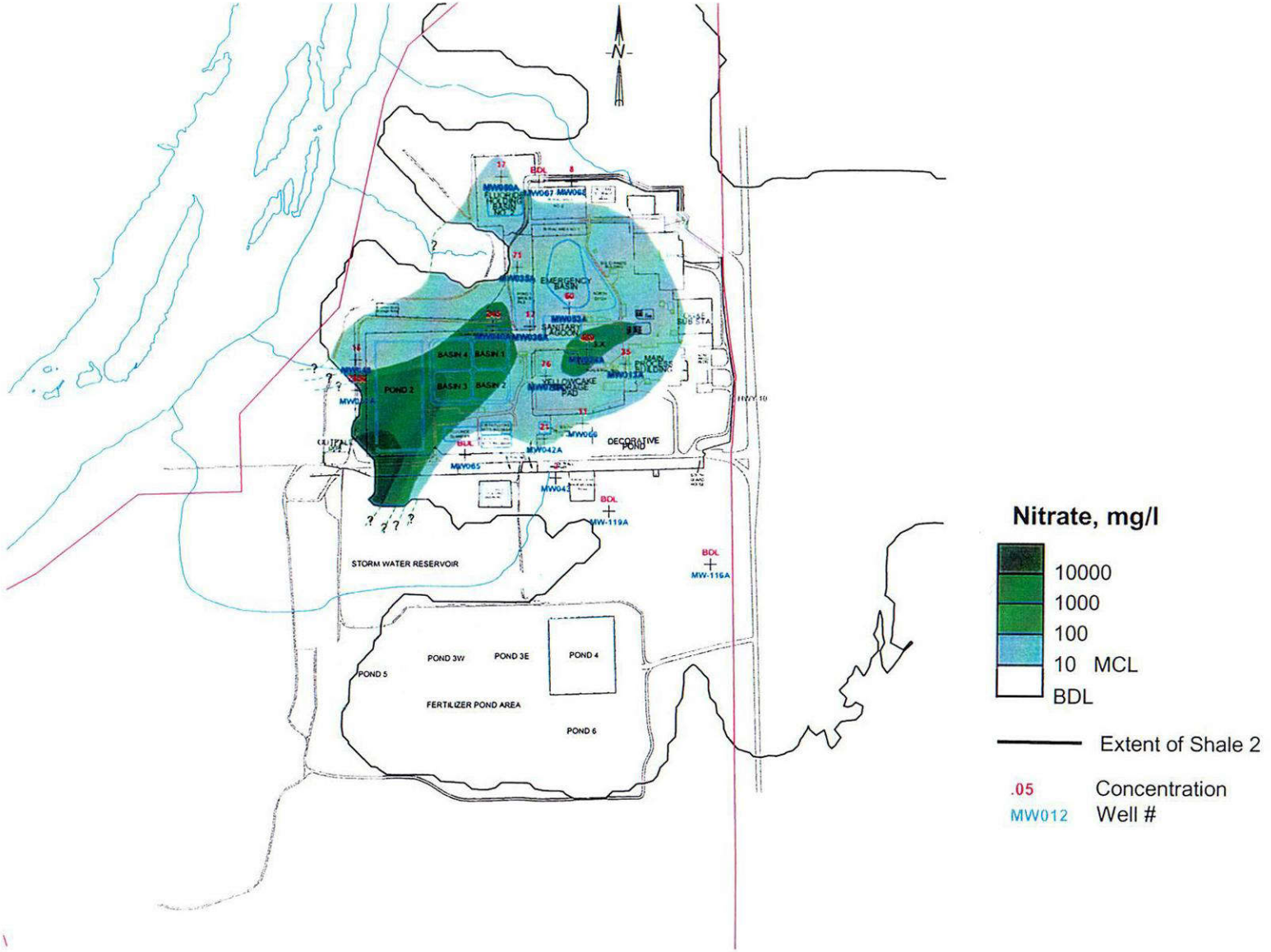
FIGURE 5-12
ISOPLETH OF NITRATE CONCENTRATIONS IN TERRACE/SHALE 1
2001 GROUNDWATER SAMPLING

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



C03

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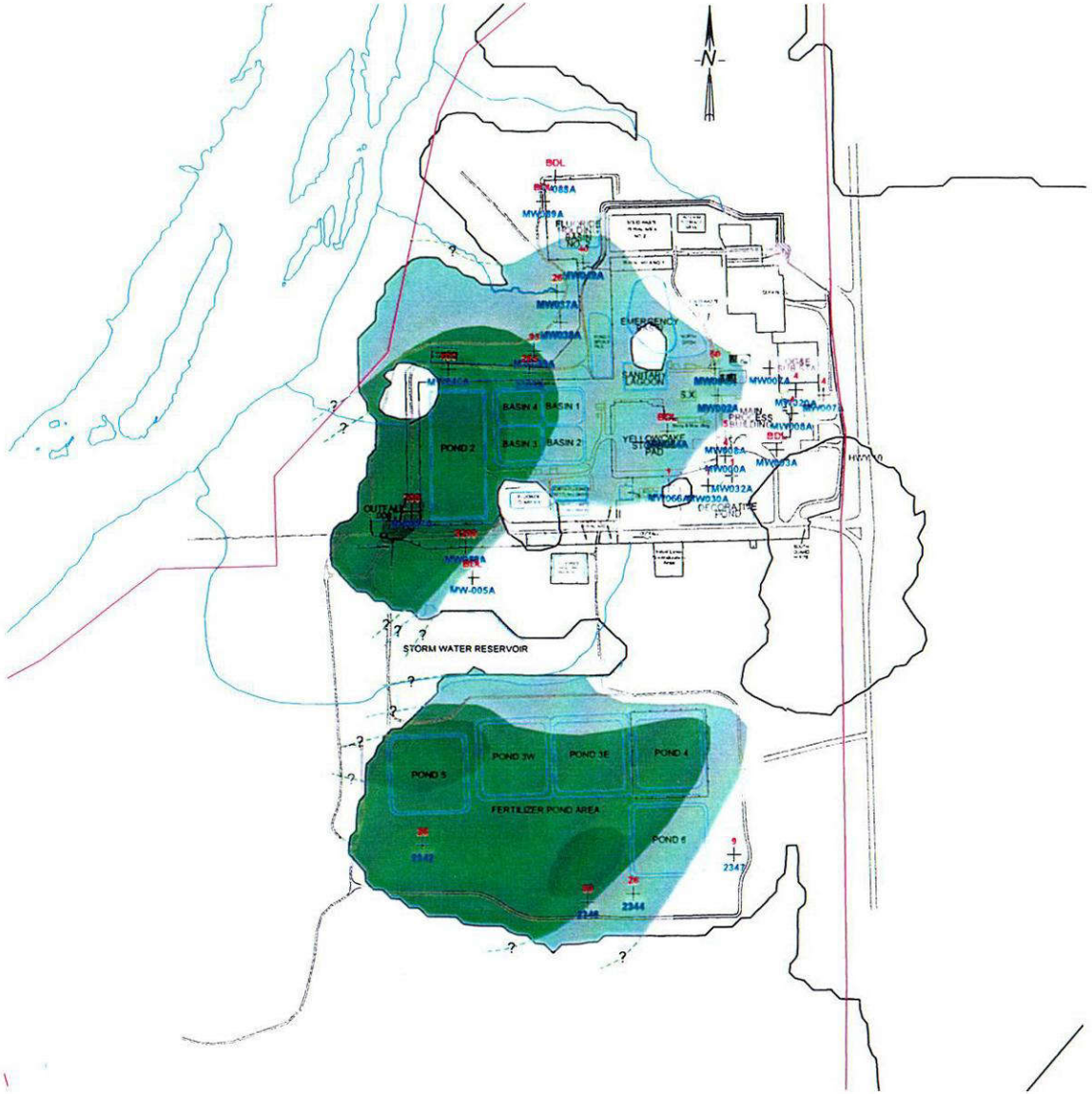
FIGURE 5-13
ISOPLETH OF NITRATE CONCENTRATIONS IN SHALE 2
2001 GROUNDWATER SAMPLING

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



C04

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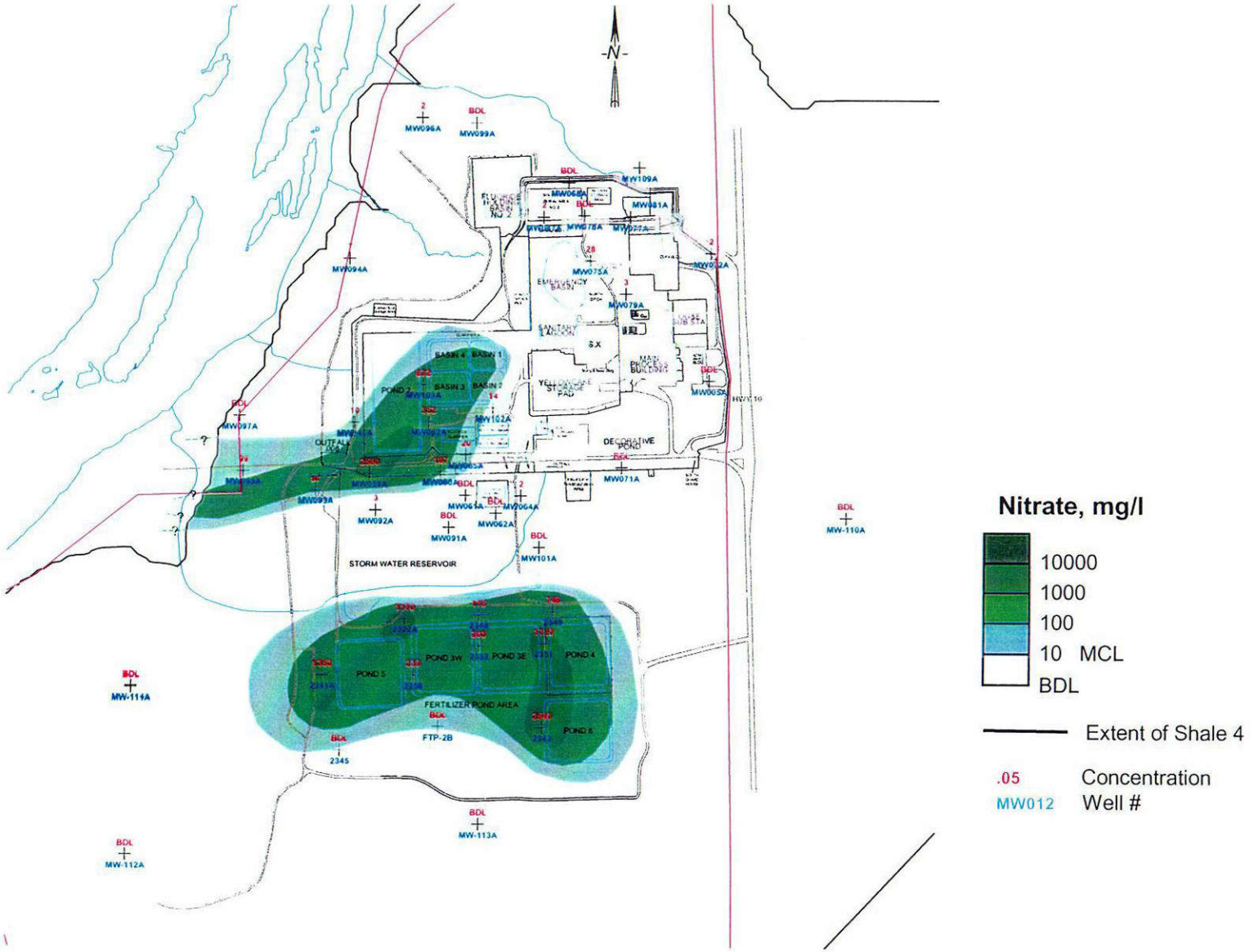
FIGURE 5-14
ISOPLETH OF NITRATE CONCENTRATIONS IN SHALE 3
2001 GROUNDWATER SAMPLING

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



C05

	FIGURE 5-15 ISOPLETH OF NITRATE CONCENTRATIONS IN SHALE 4 2001 GROUNDWATER SAMPLING

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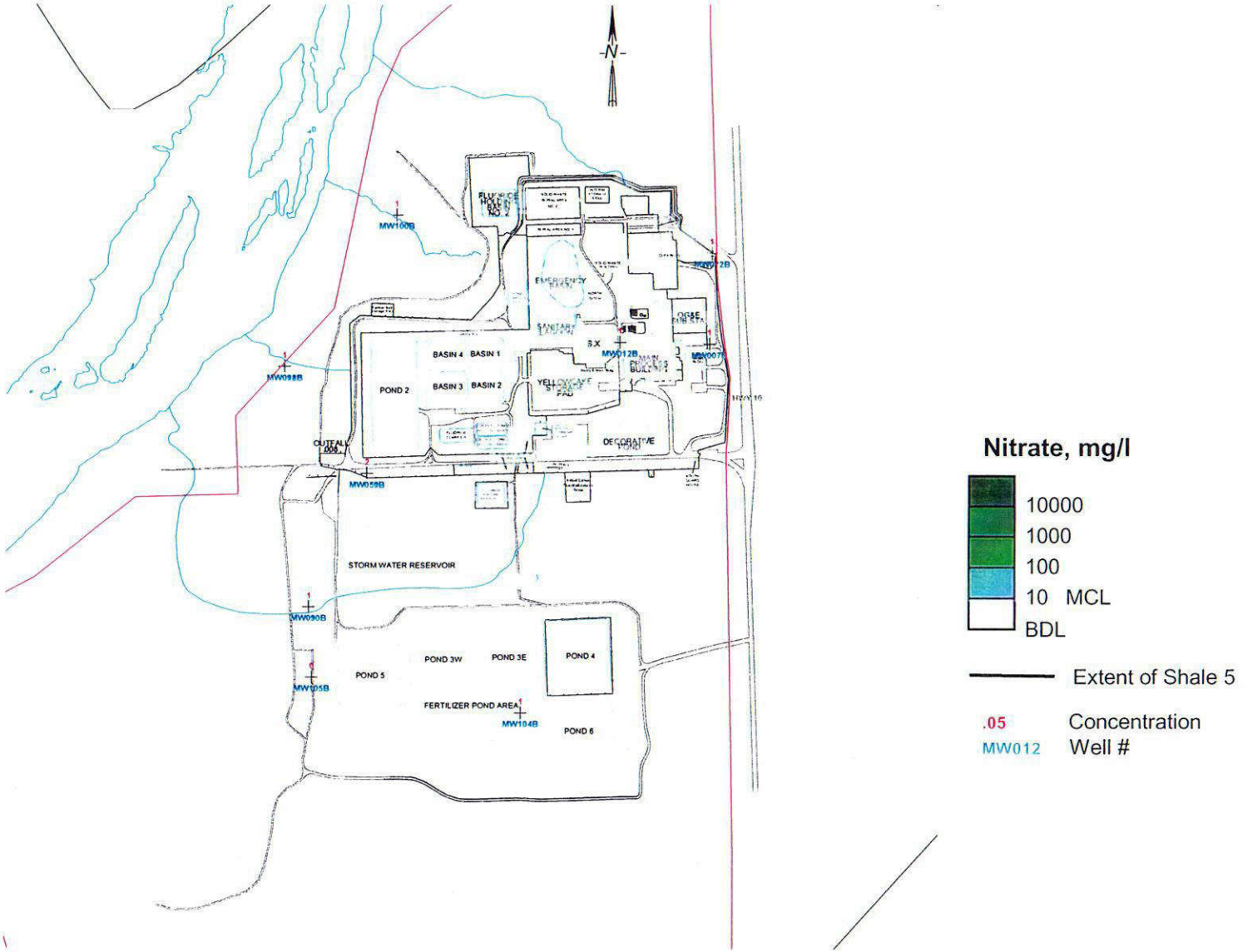
Date:	OCTOBER 2002
Project:	P:\100734-2\REV CHAR RPT
File:	ISOPLETH.ppt



C06

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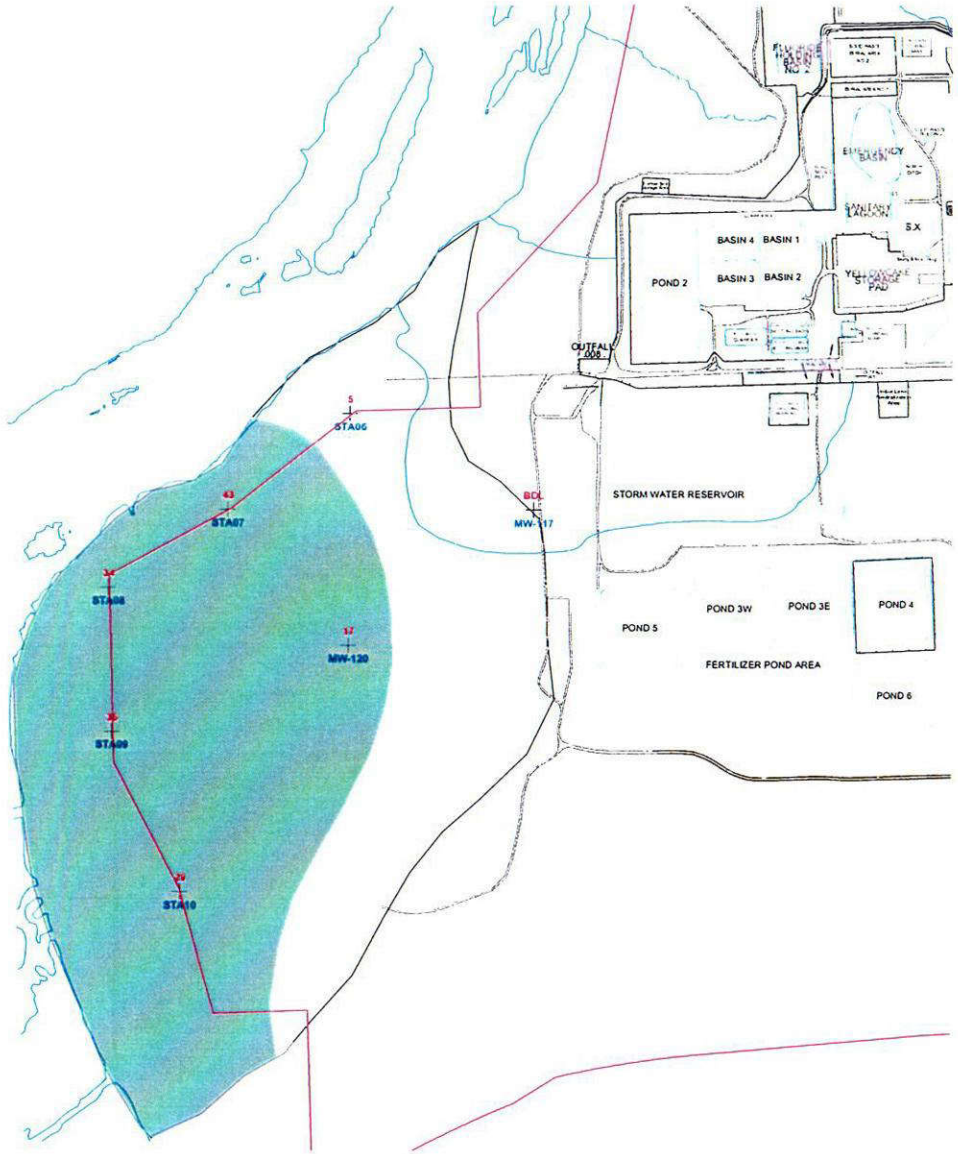
FIGURE 5-16
ISOPLETH OF NITRATE CONCENTRATIONS IN SHALE 5
2001 GROUNDWATER SAMPLING

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



Nitrate, mg/l

- 10000
- 1000
- 100
- 10 MCL
- BDL

Extent of Alluvium

.05 Concentration

MW012 Well #

C07

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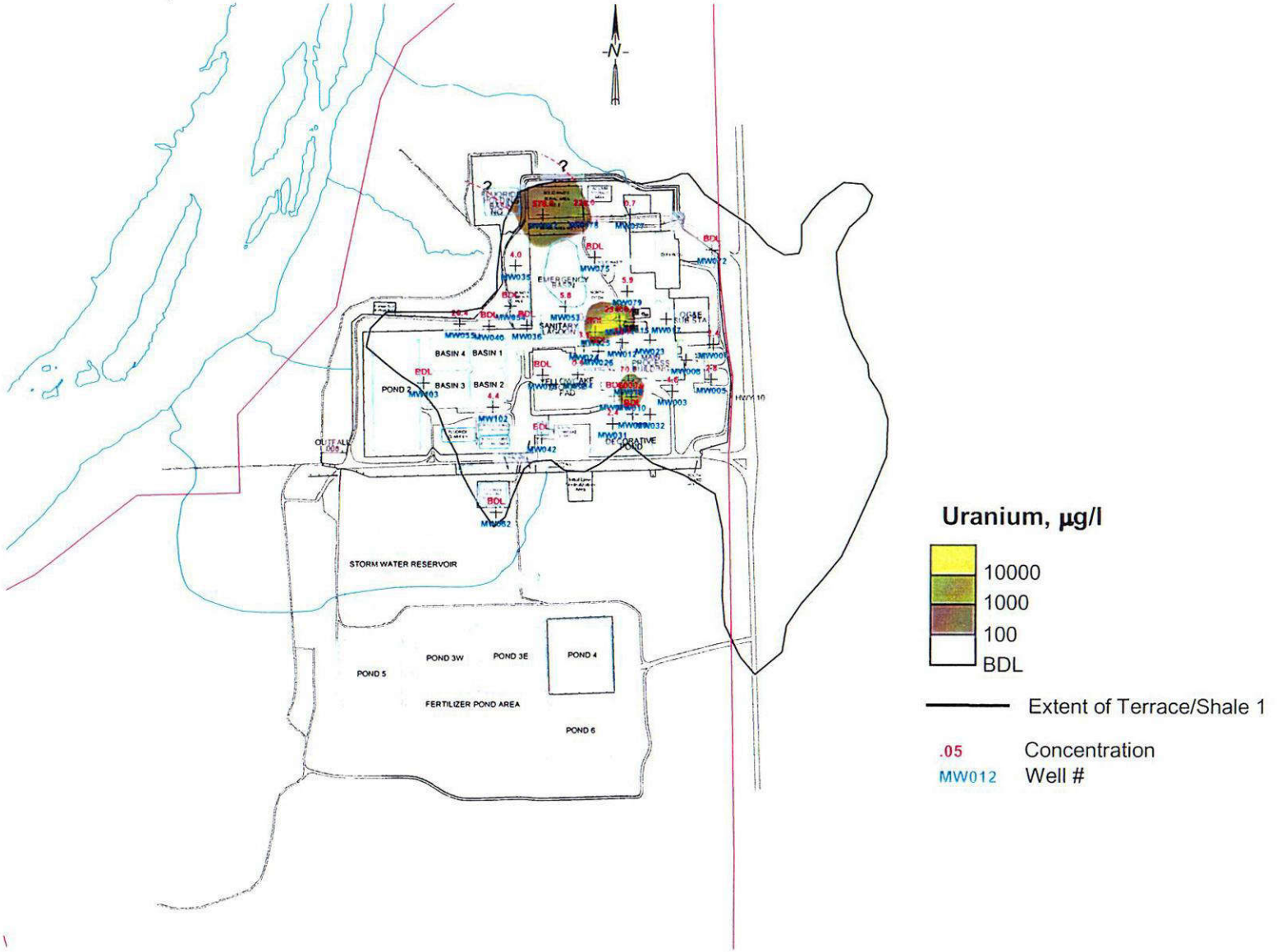
FIGURE 5-17
ISOPLETH OF NITRATE CONCENTRATIONS IN ALLUVIUM
2001 GROUNDWATER SAMPLING

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



C08

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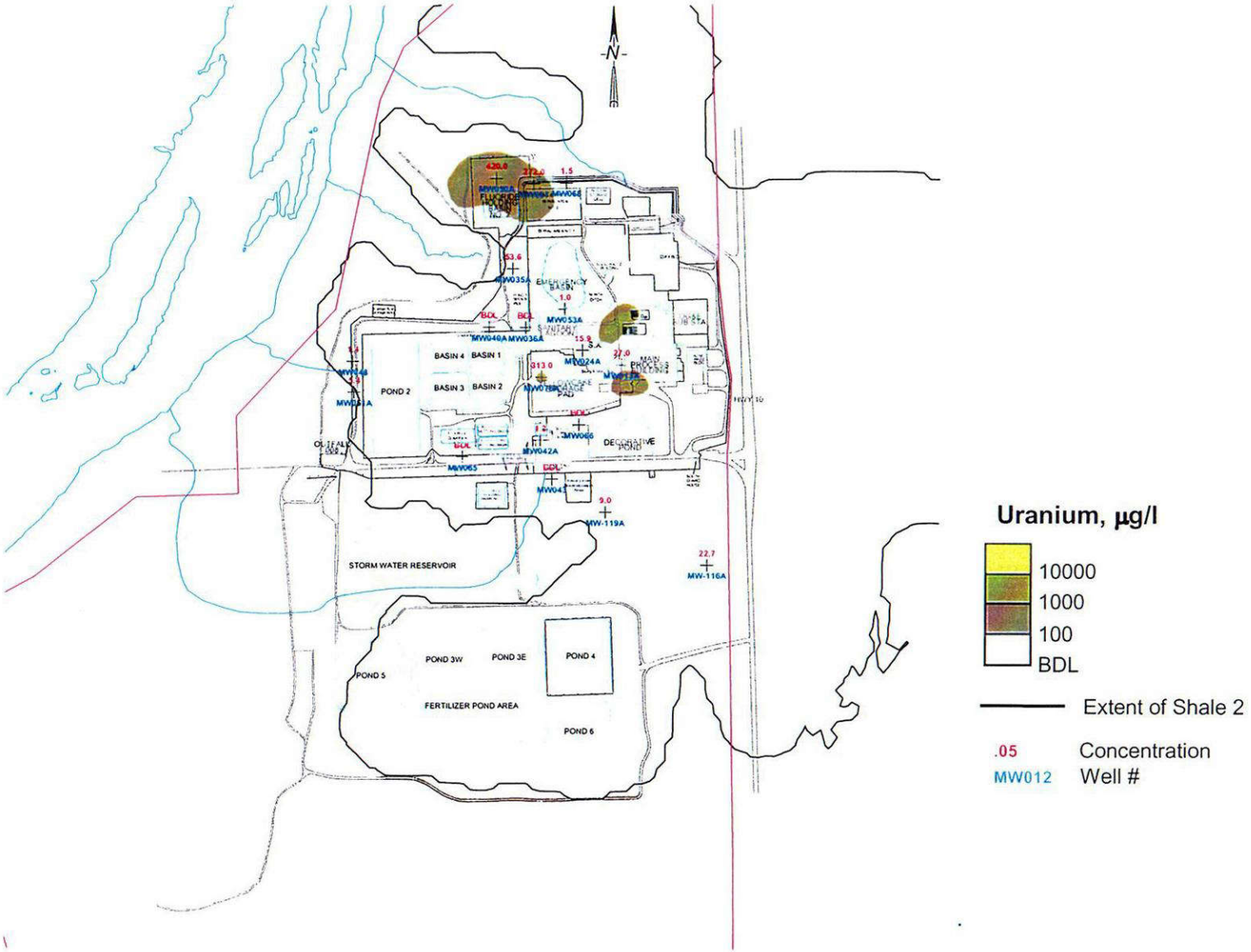
FIGURE 5-18
ISOPLETH OF URANIUM CONCENTRATIONS IN TERRACE/SHALE 1
2001 GROUNDWATER SAMPLING

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



C09

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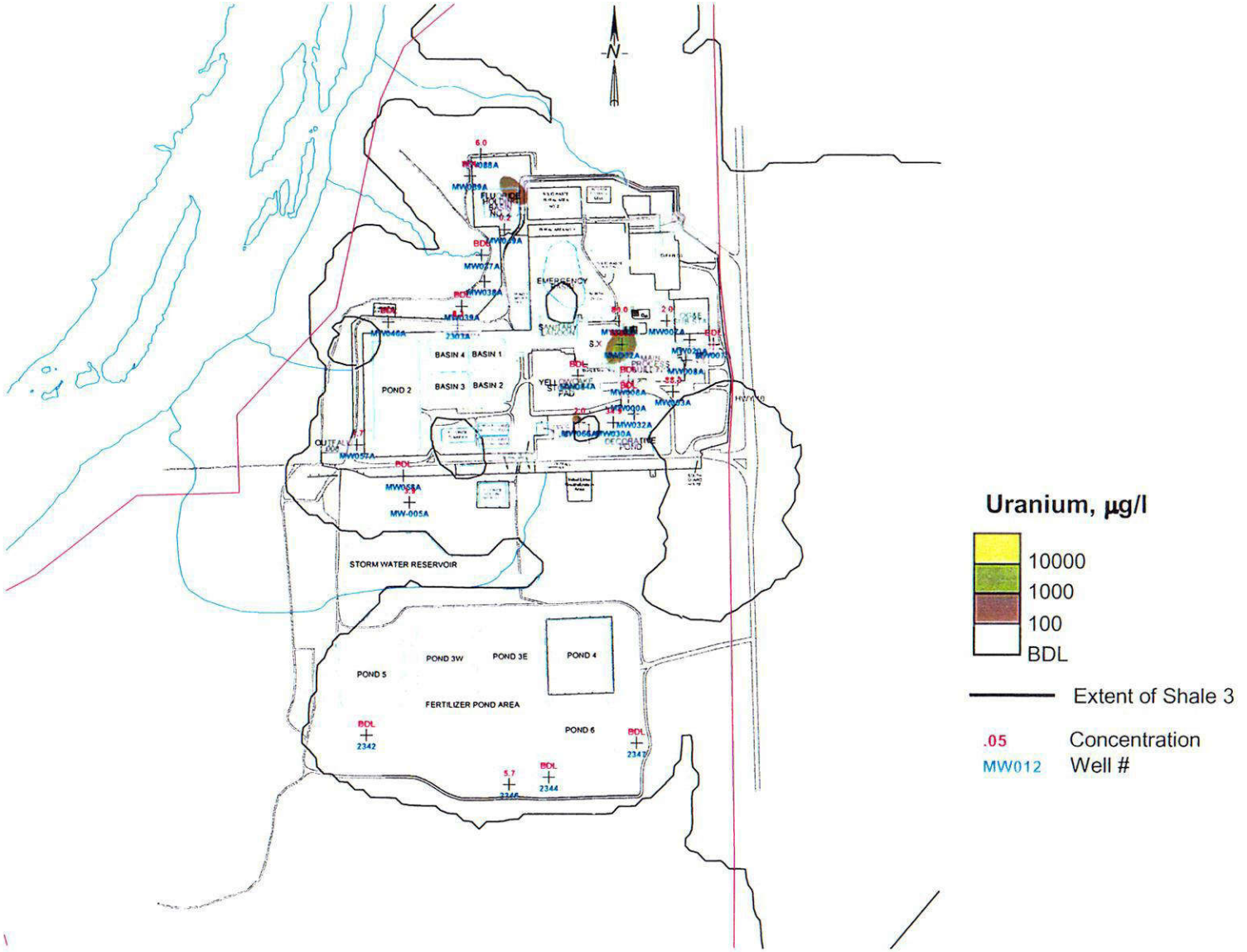
FIGURE 5-19
ISOPLETH OF URANIUM CONCENTRATIONS IN SHALE 2
2001 GROUNDWATER SAMPLING

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



C10

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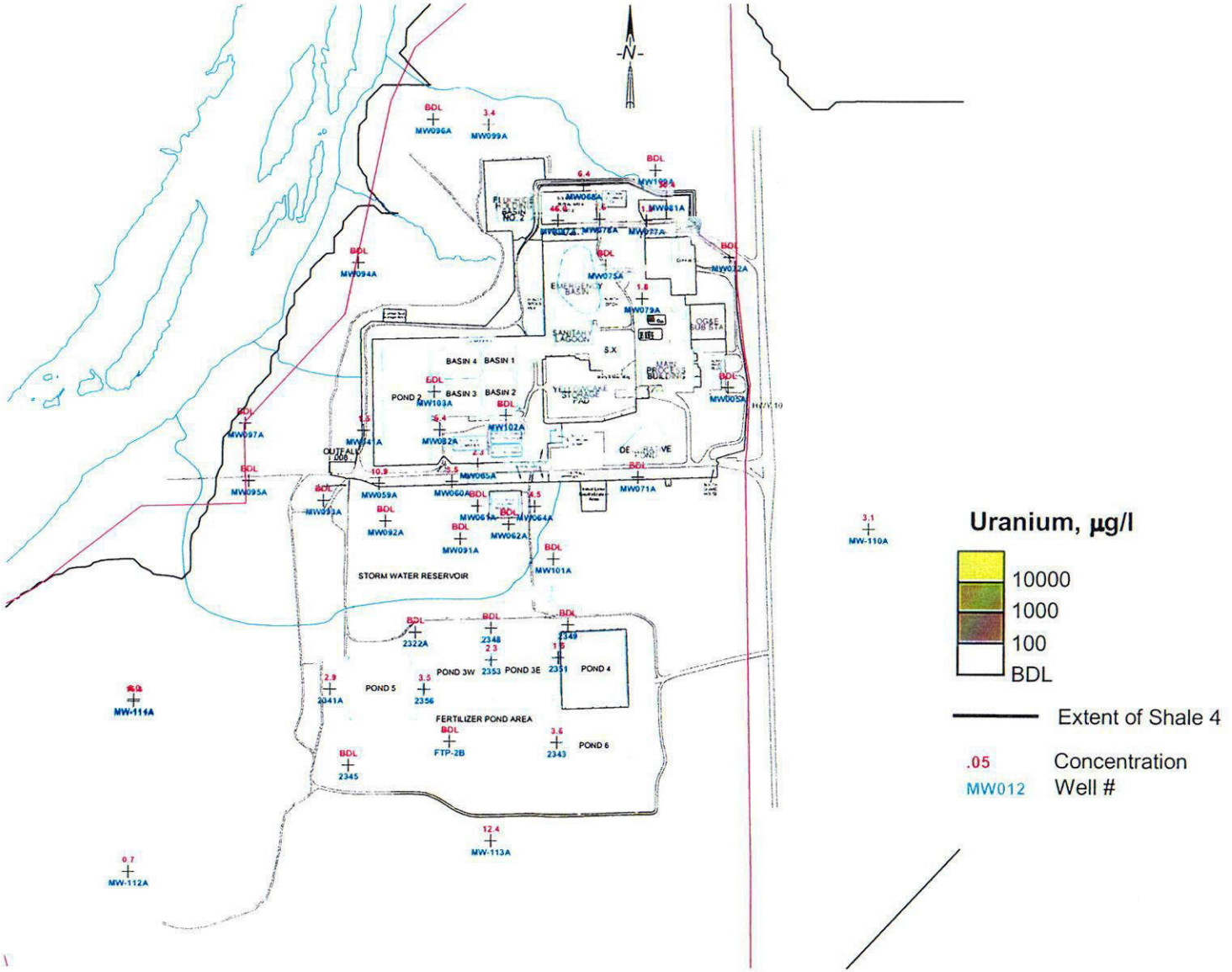
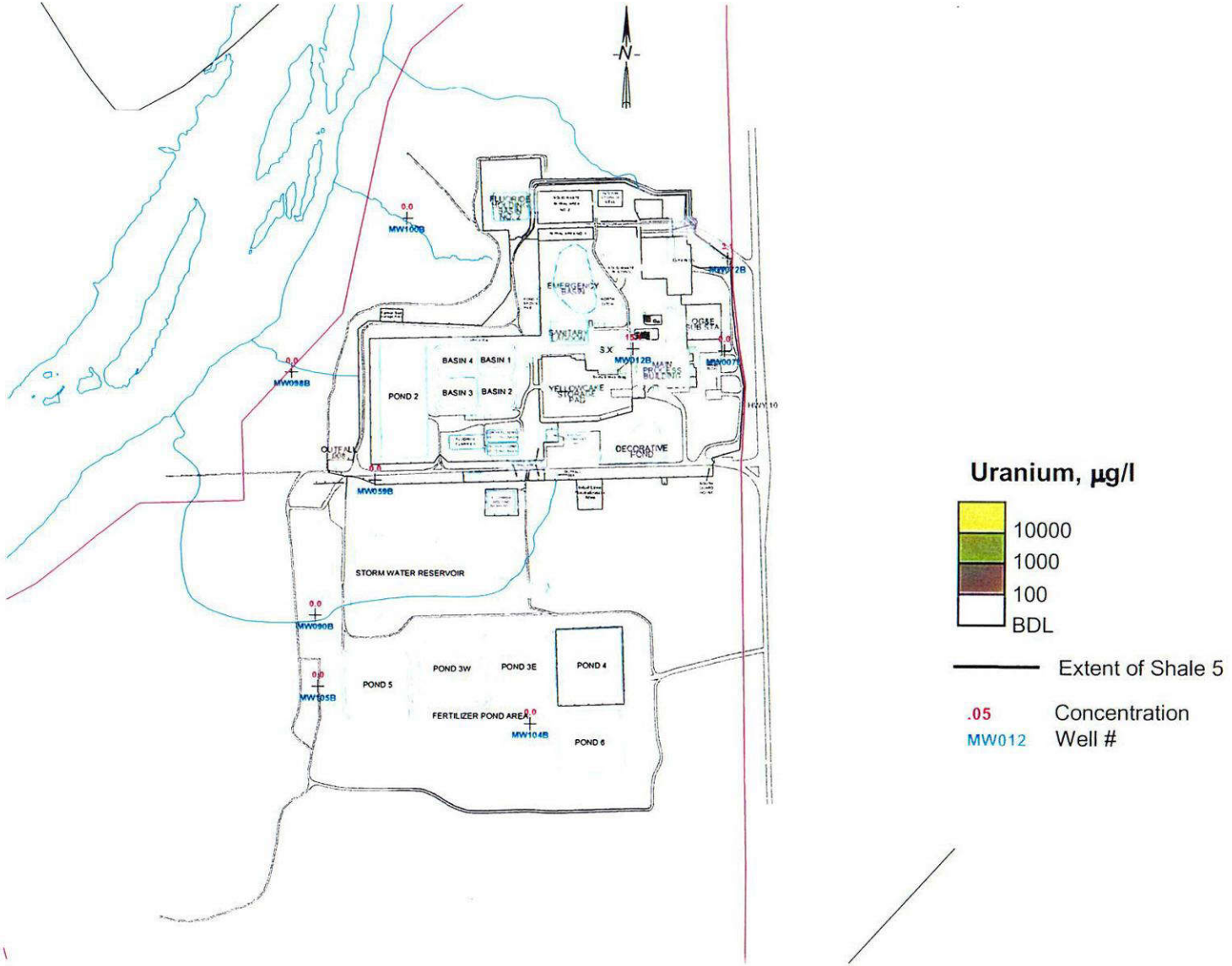
FIGURE 5-20
ISOPLETH OF URANIUM CONCENTRATIONS IN SHALE 3
2001 GROUNDWATER SAMPLING

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



C11

consulting scientists and engineers	FIGURE 5-21 ISOPLETH OF URANIUM CONCENTRATIONS IN SHALE 4 2001 GROUNDWATER SAMPLING	Date: OCTOBER 2002 Project: P:\100734-2\REV CHAR RPT File: ISOPLETH.ppt



C12

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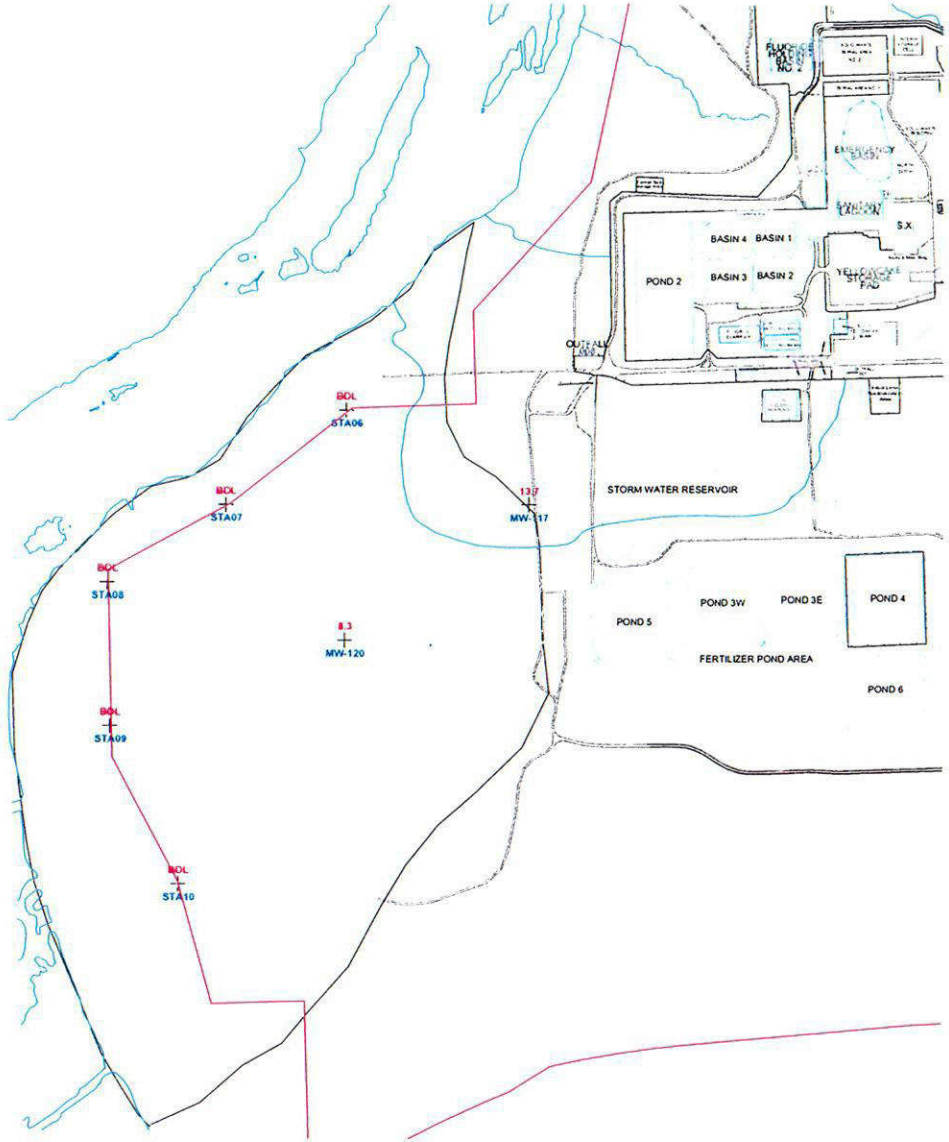
FIGURE 5-22
ISOPLETH OF URANIUM CONCENTRATIONS IN SHALE 5
2001 GROUNDWATER SAMPLING

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



Uranium, µg/l

- 10000
- 1000
- 100
- BDL

Extent of Alluvium

.05 Concentration

MW012 Well #

C13

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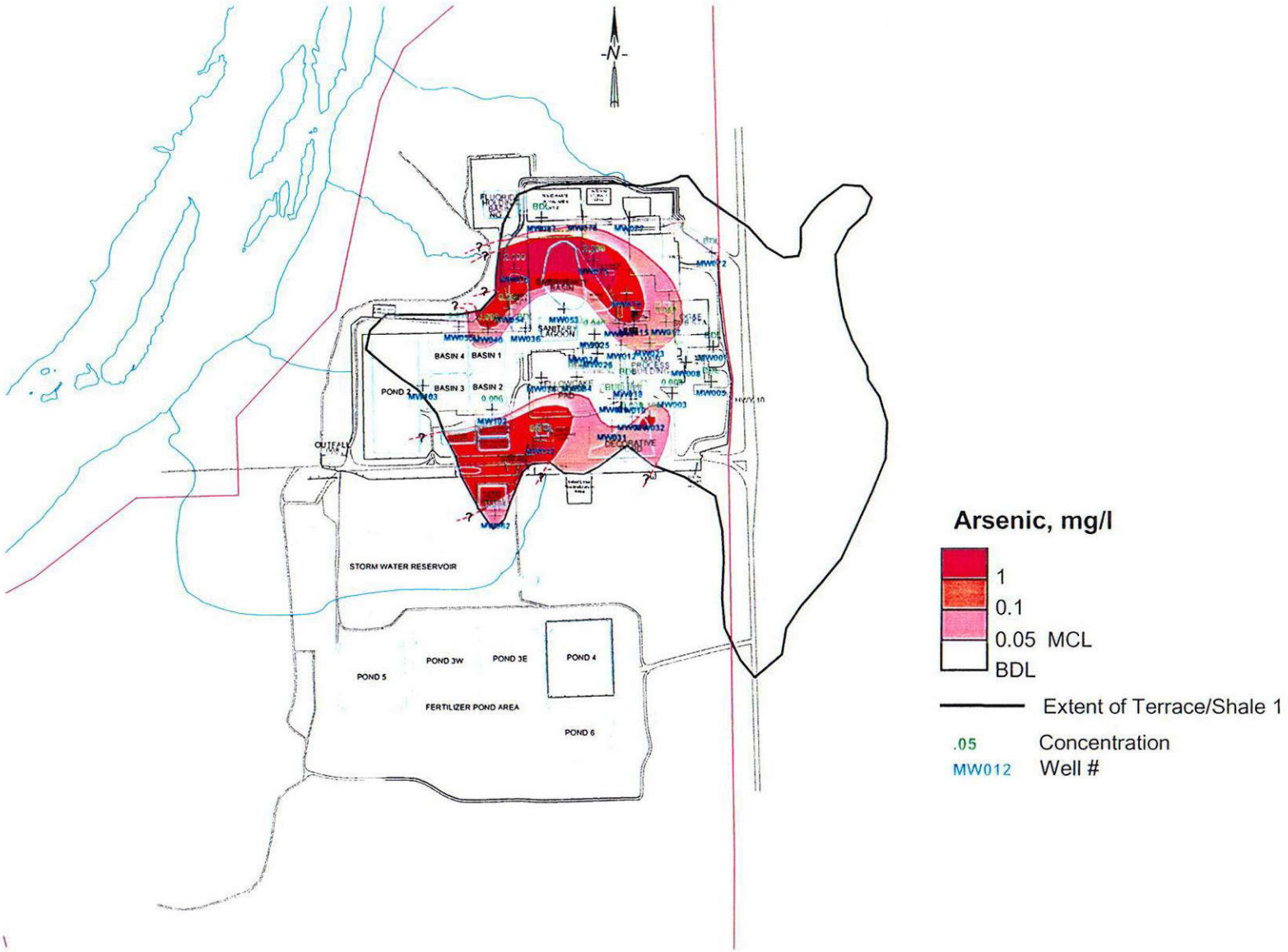
FIGURE 5-23
ISOPLETH OF URANIUM CONCENTRATIONS IN ALLUVIUM
2001 GROUNDWATER SAMPLING

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



C14

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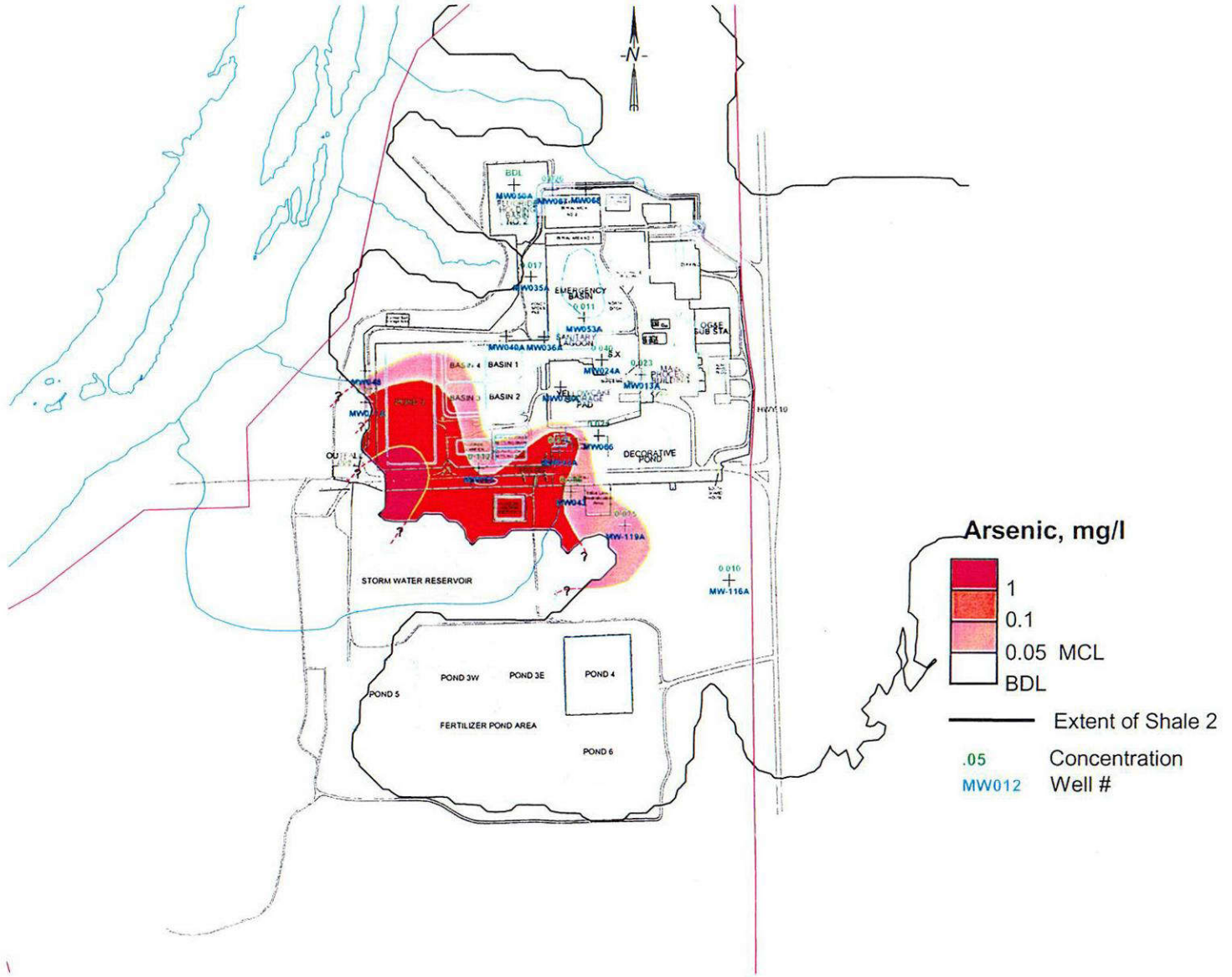
FIGURE 5-24
ISOPLETH OF ARSENIC CONCENTRATIONS IN TERRACE/SHALE 1
2001 GROUNDWATER SAMPLING

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



C15

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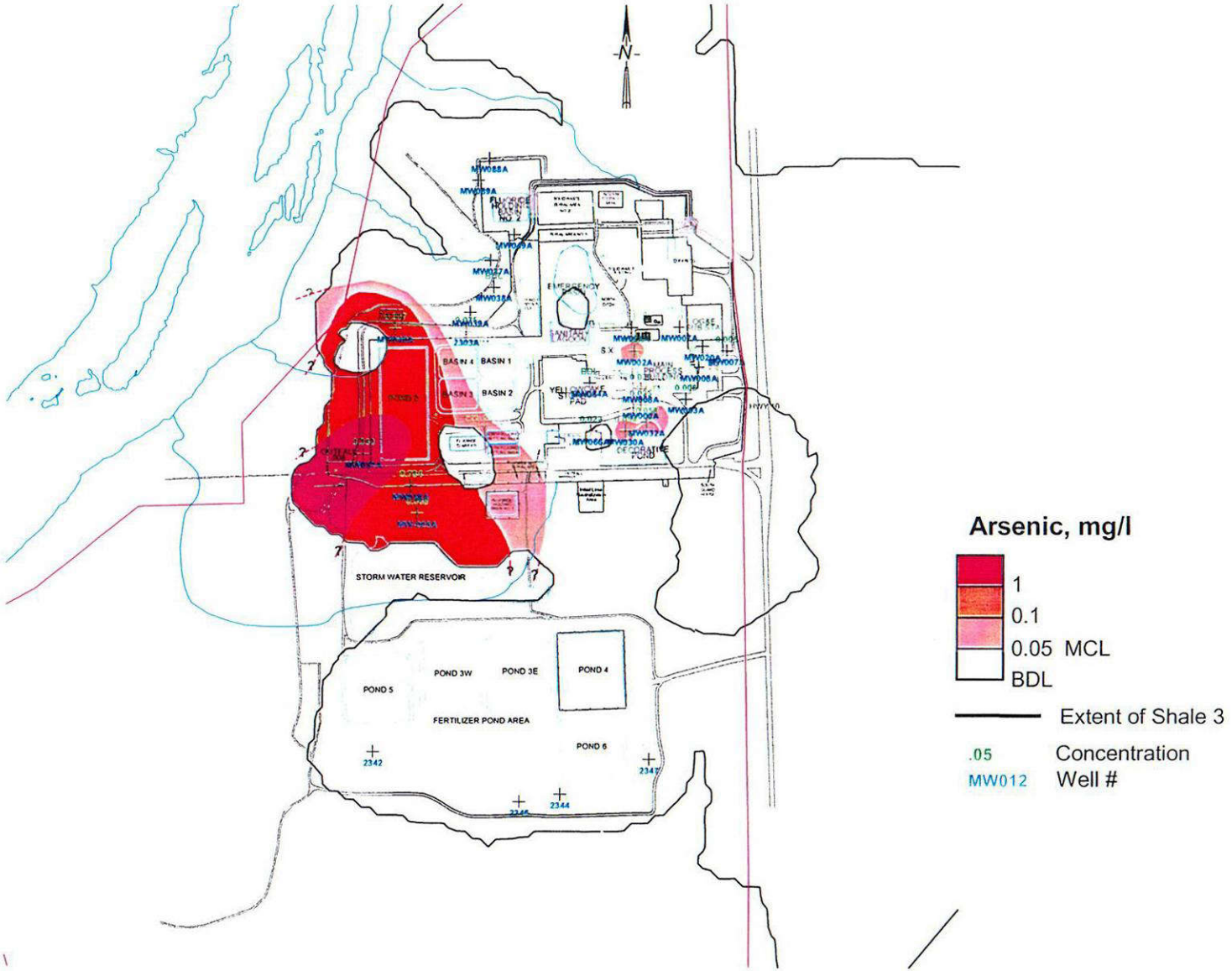
FIGURE 5-25
ISOPLETH OF ARSENIC CONCENTRATIONS IN SHALE 2
2001 GROUNDWATER SAMPLING

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



C16

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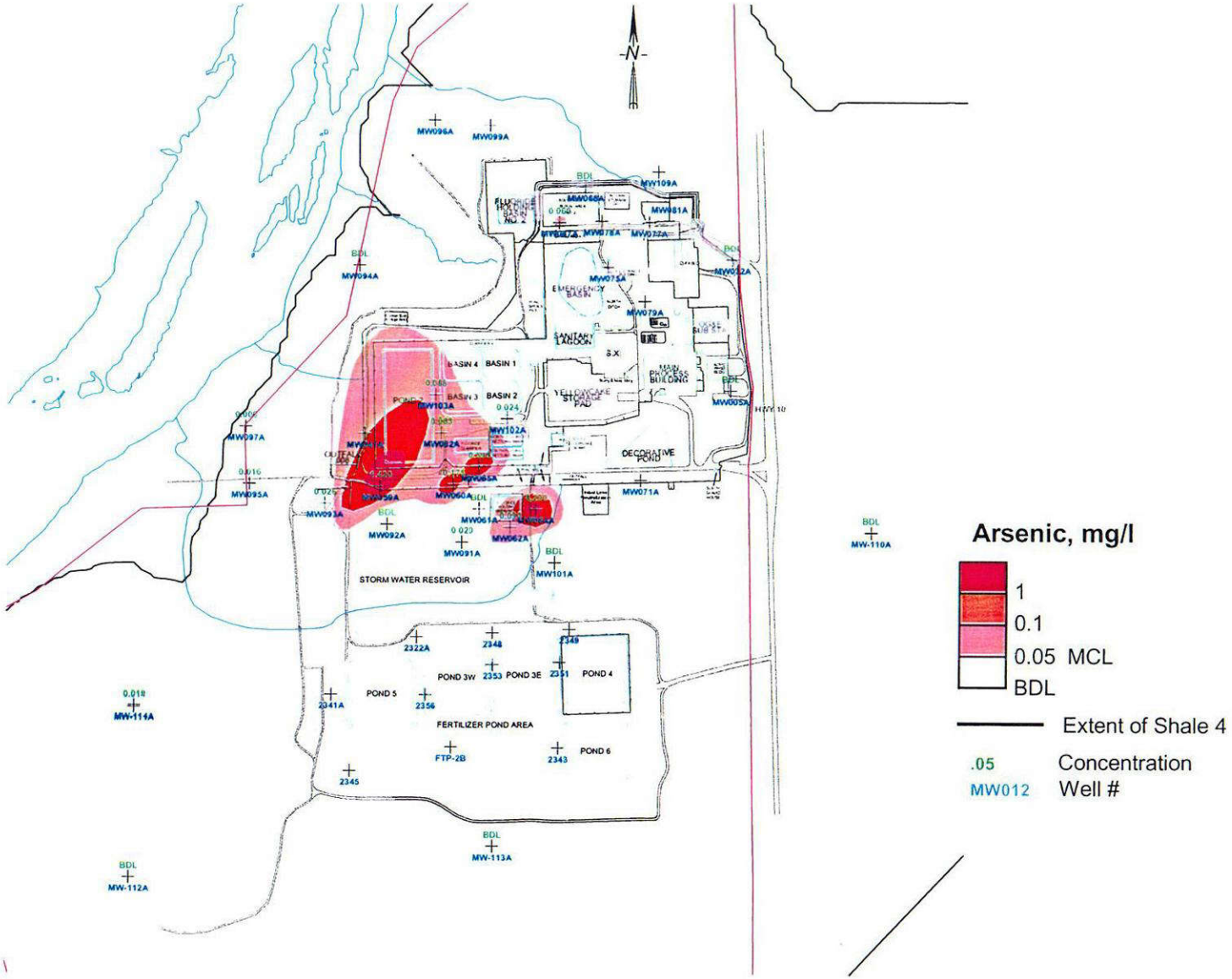
FIGURE 5-26
ISOPLETH OF ARSENIC CONCENTRATIONS IN SHALE 3
2001 GROUNDWATER SAMPLING

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



C17

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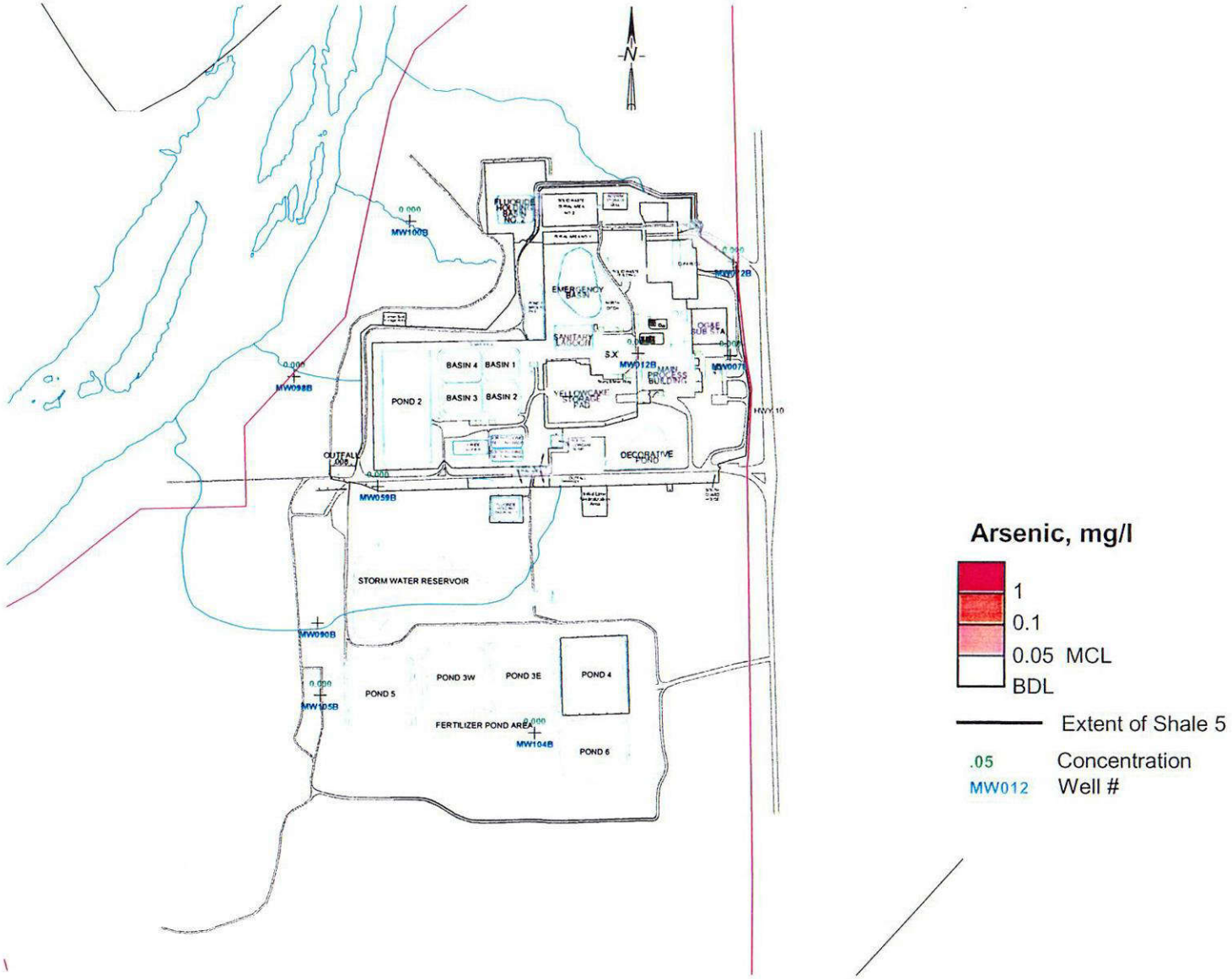
FIGURE 5-27
ISOPLETH OF ARSENIC CONCENTRATIONS IN SHALE 4
2001 GROUNDWATER SAMPLING

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



C18

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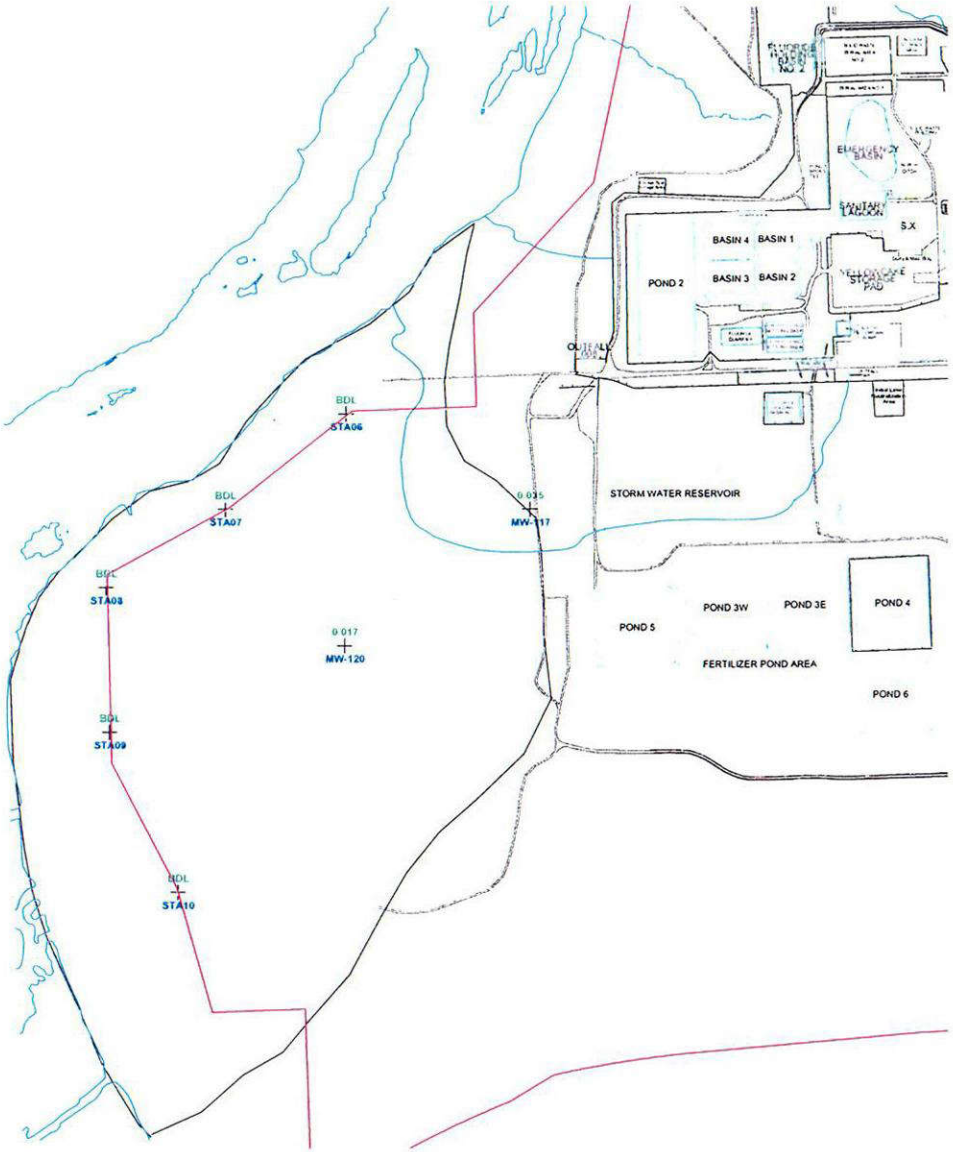
FIGURE 5-28
ISOPLETH OF ARSENIC CONCENTRATIONS IN SHALE 5
2001 GROUNDWATER SAMPLING

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



Arsenic, mg/l

- 1
- 0.1
- 0.05 MCL
- BDL

Extent of Alluvium

.05 Concentration

MW012 Well #

C19

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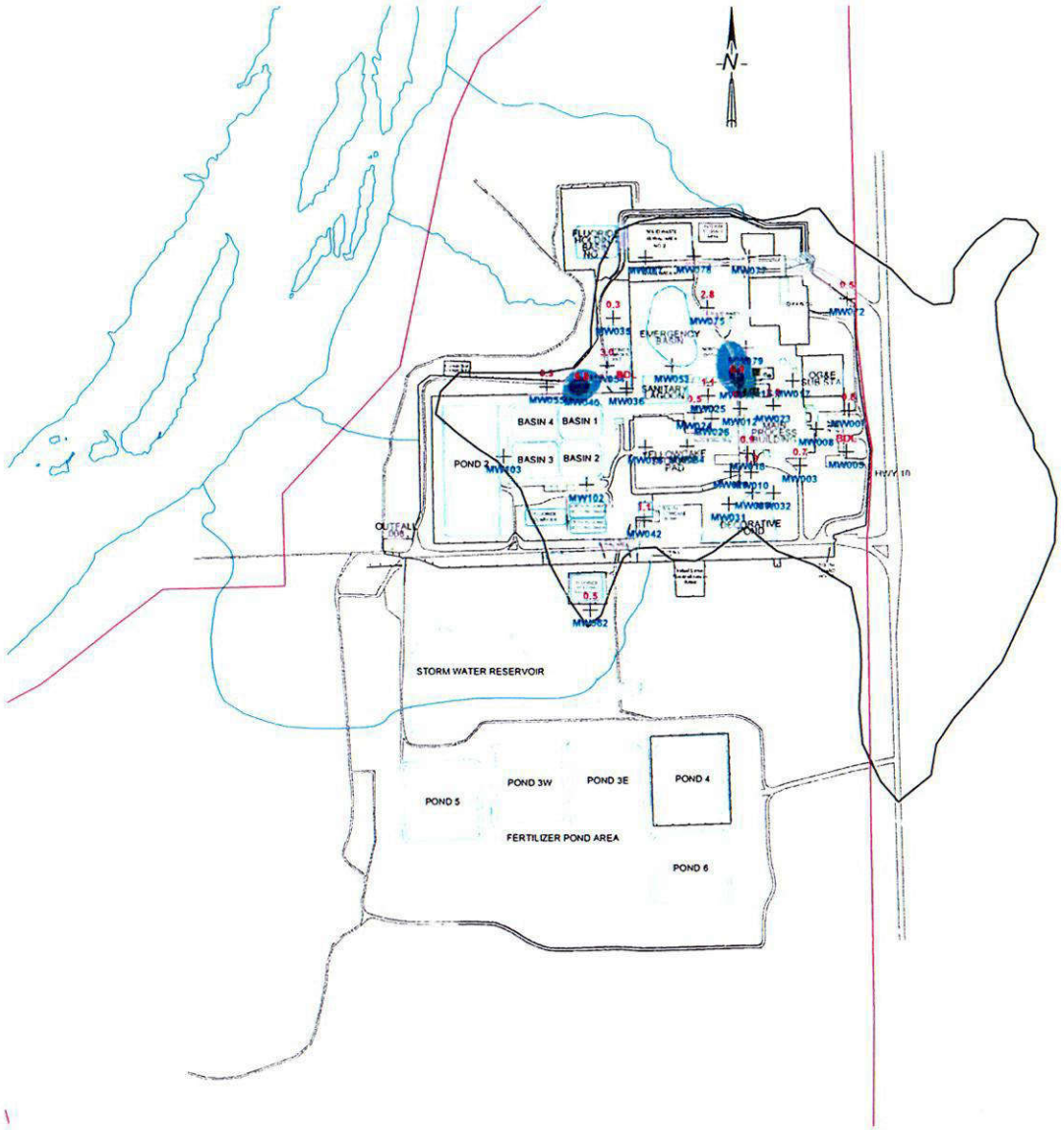
FIGURE 5-29
ISOPLETH OF ARSENIC CONCENTRATIONS IN ALLUVIUM
2001 GROUNDWATER SAMPLING

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



C20

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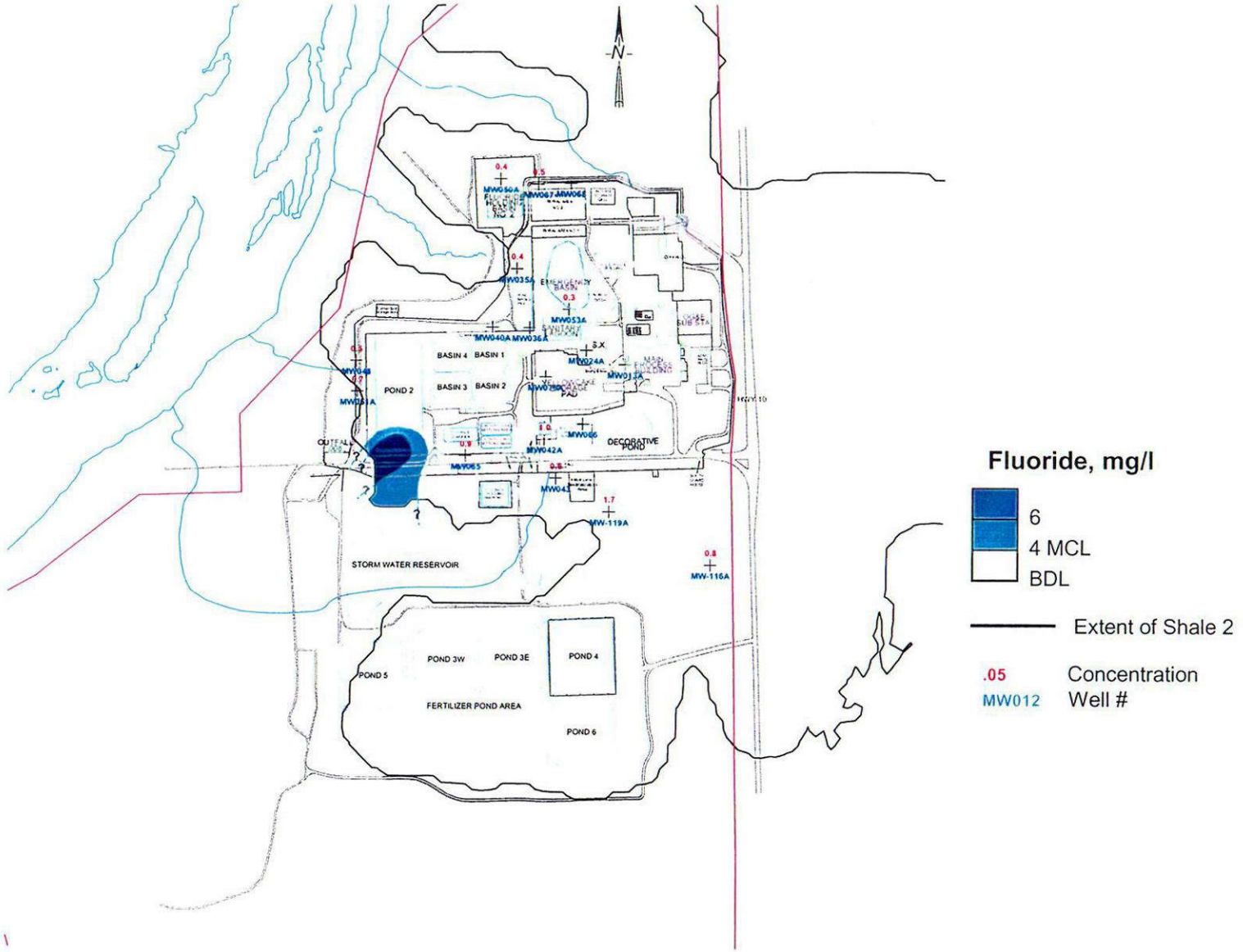
FIGURE 5-30
ISOPLETH OF FLUORIDE CONCENTRATIONS IN TERRACE/SHALE 1
2001 GROUNDWATER SAMPLING

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



C21

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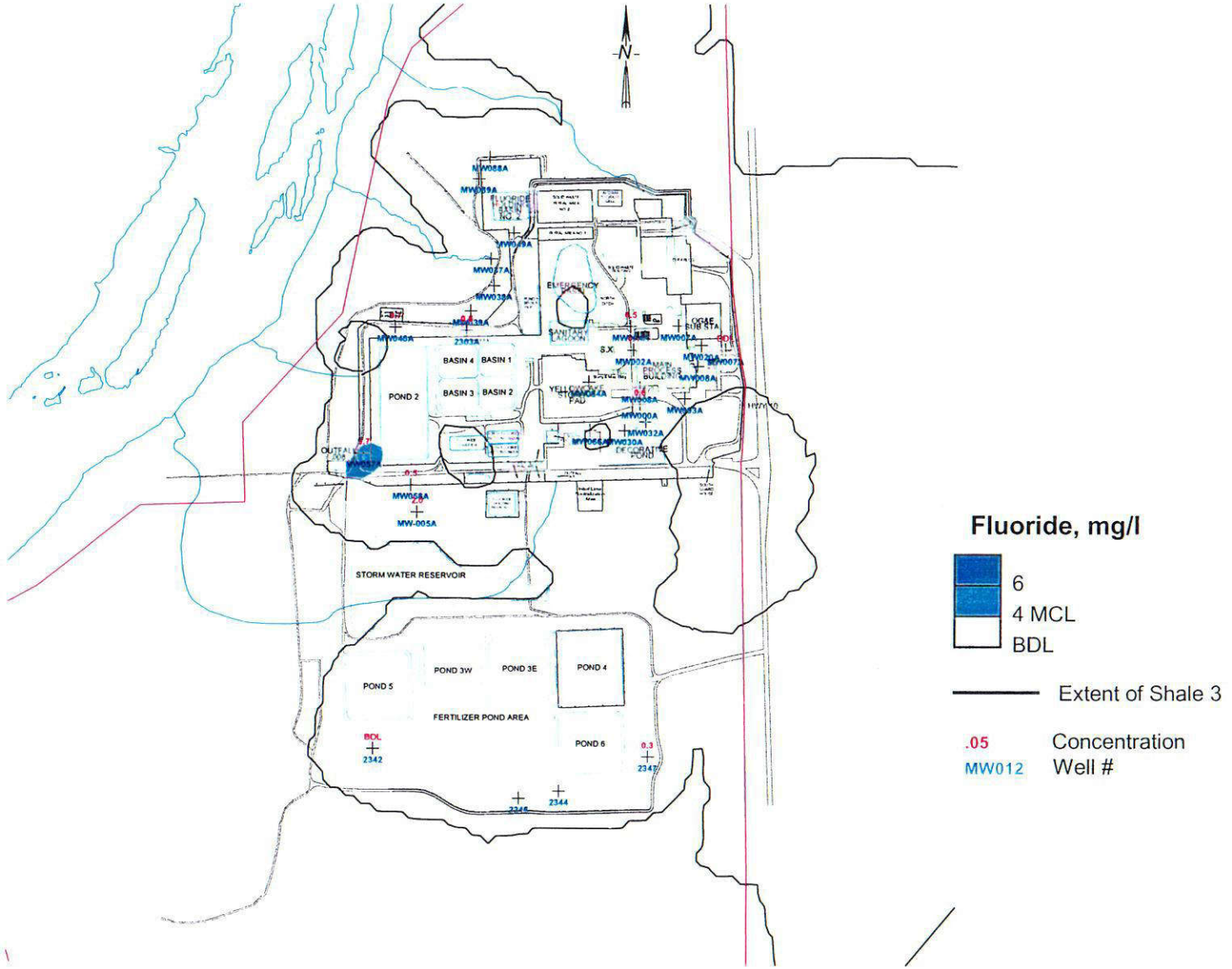
FIGURE 5-31
ISOPLETH OF FLUORIDE CONCENTRATIONS IN SHALE 2
2001 GROUNDWATER SAMPLING

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



C22

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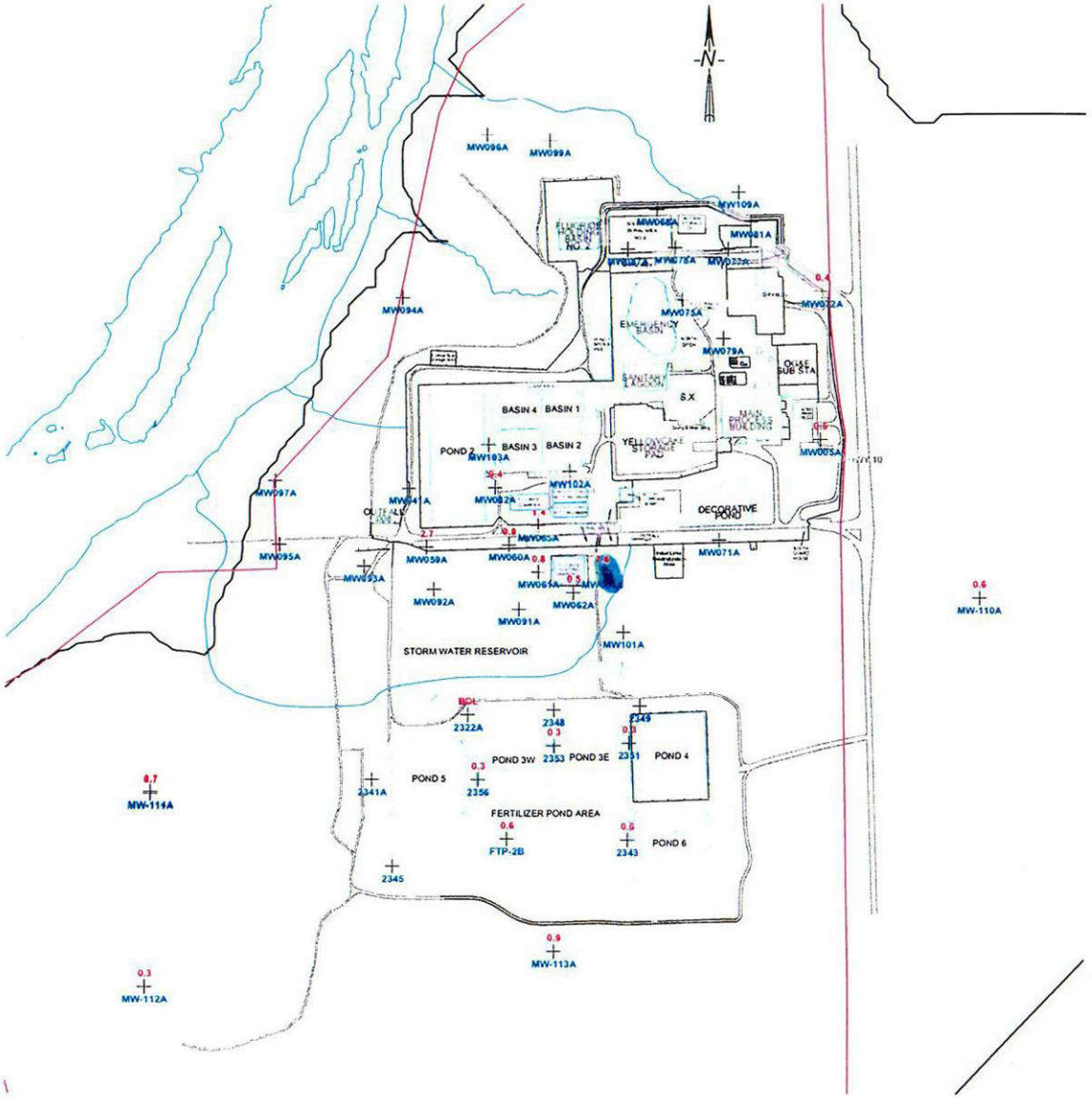
FIGURE 5-32
ISOPLETH OF FLUORIDE CONCENTRATIONS IN SHALE 3
2001 GROUNDWATER SAMPLING

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



C23

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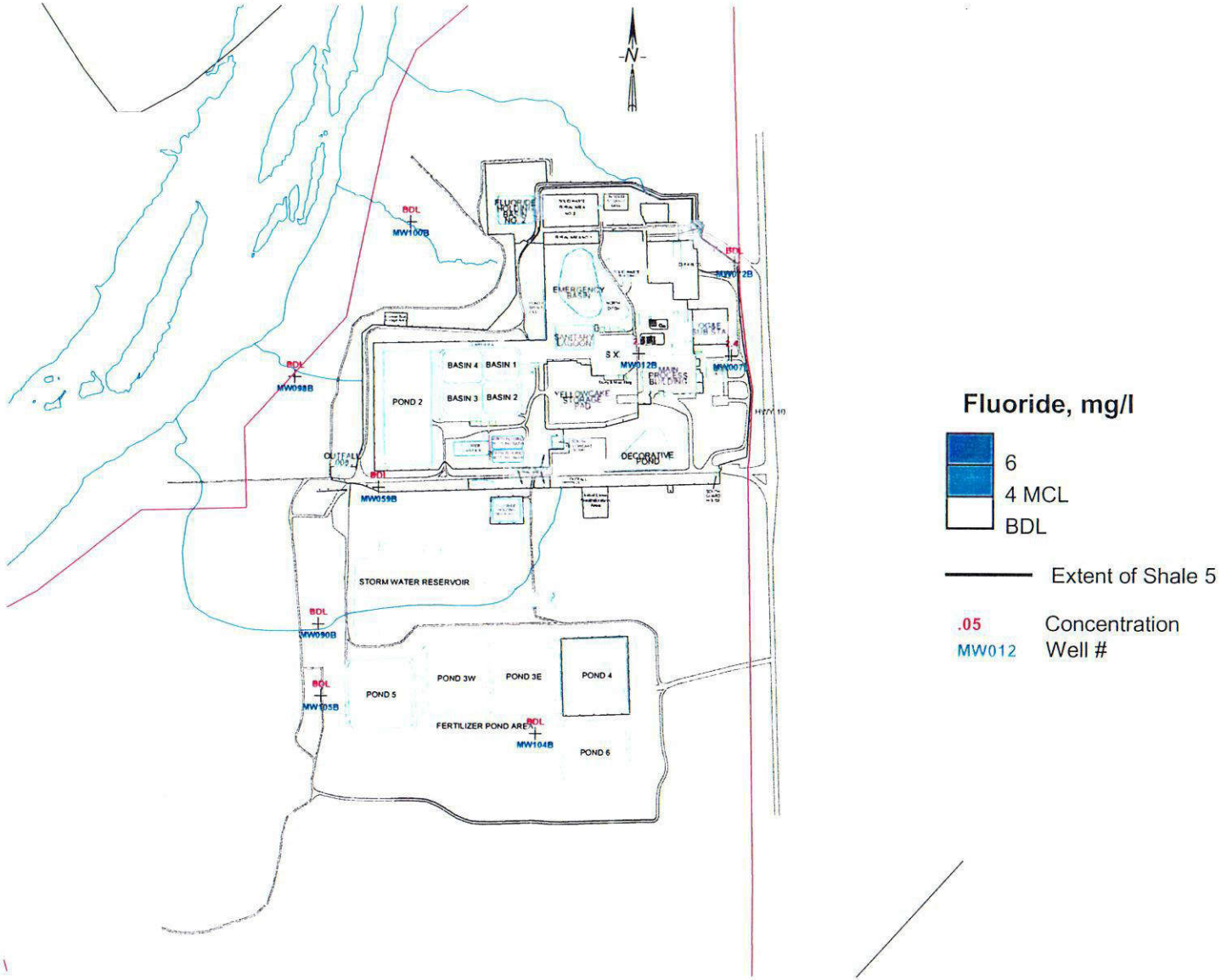
FIGURE 5-33
ISOPLETH OF FLUORIDE CONCENTRATIONS IN SHALE 4
2001 GROUNDWATER SAMPLING

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



C24

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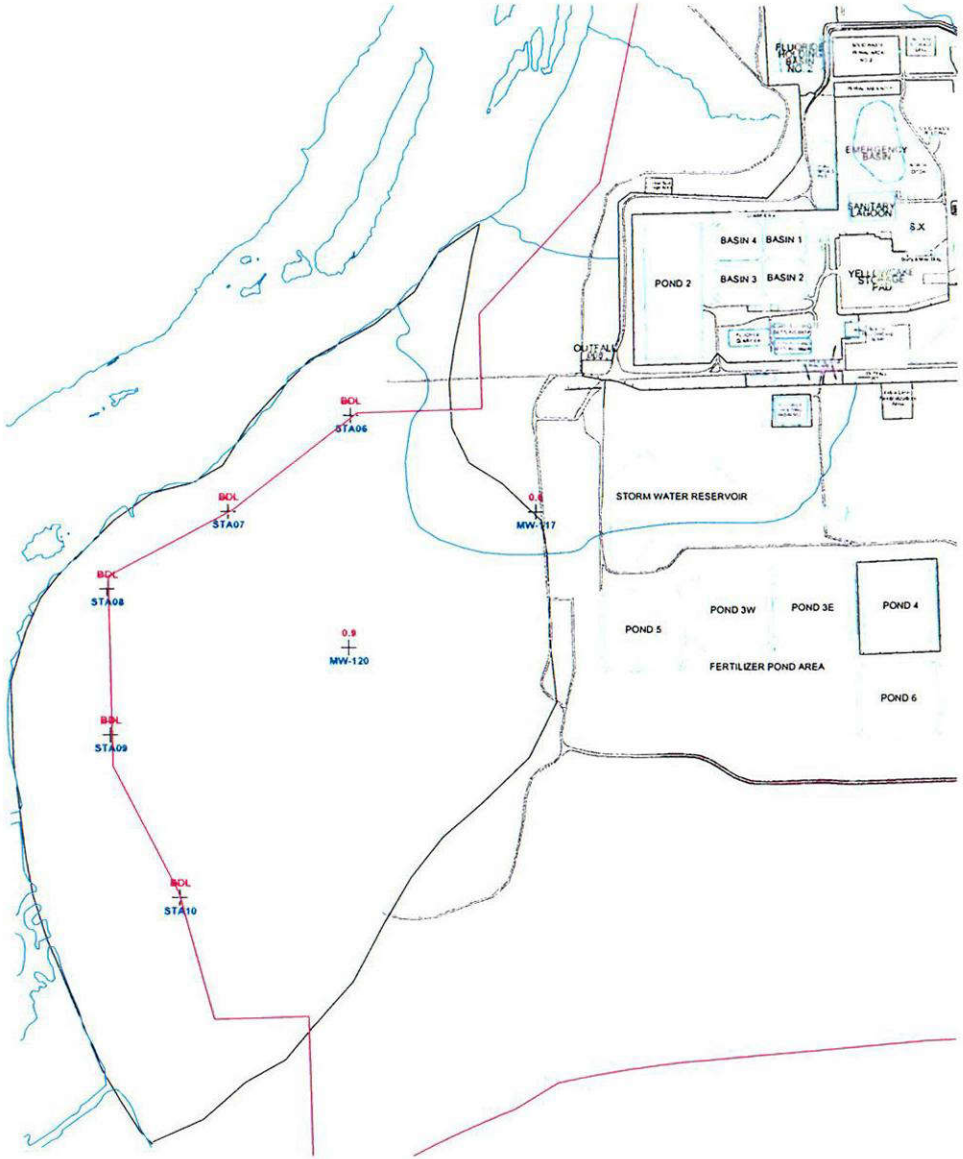
FIGURE 5-34
ISOPLETH OF FLUORIDE CONCENTRATIONS IN SHALE 5
2001 GROUNDWATER SAMPLING

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



Fluoride, mg/l

- 6
- 4 MCL
- BDL

Extent of Alluvium

.05 Concentration

MW012 Well #

C25

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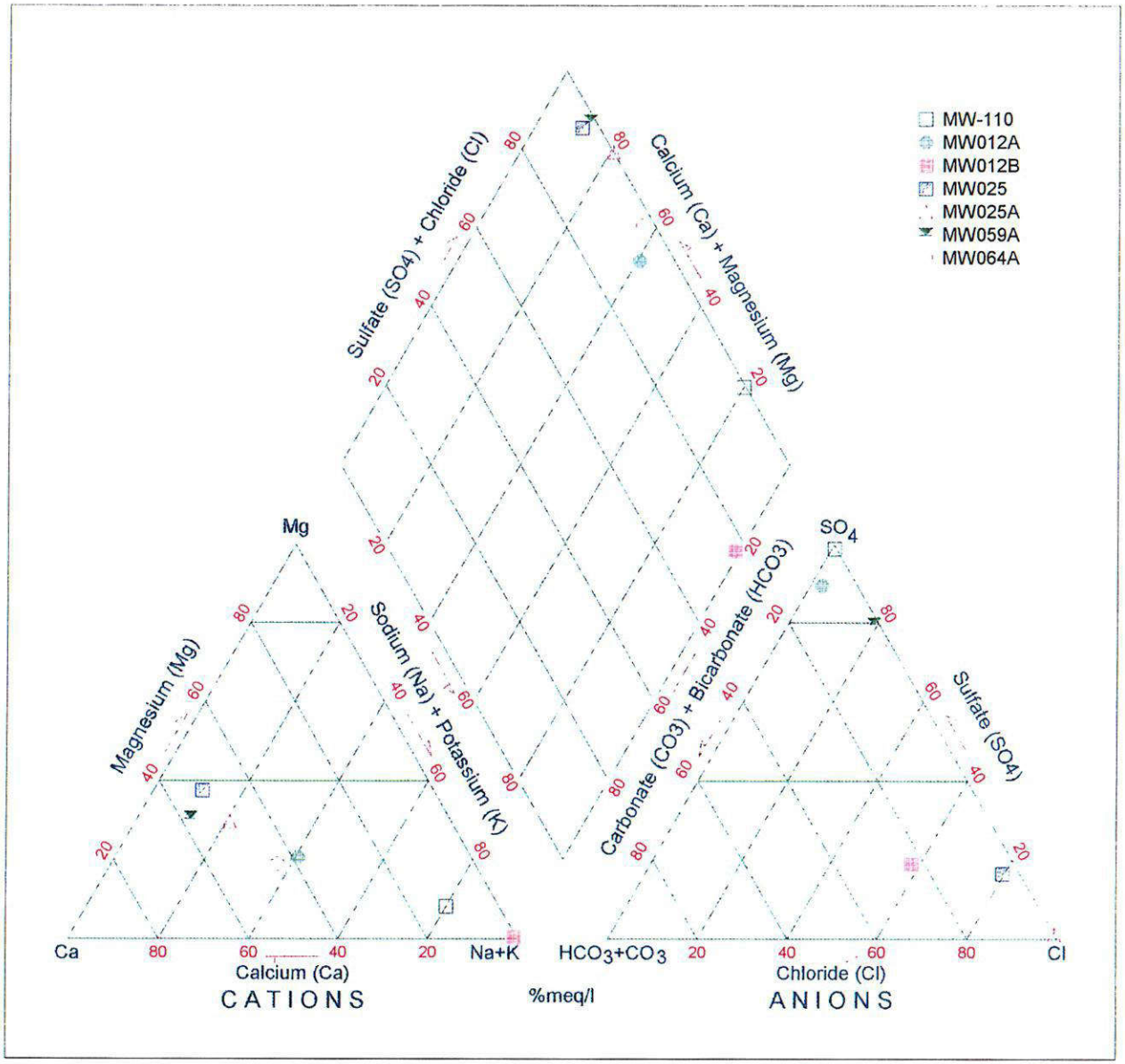
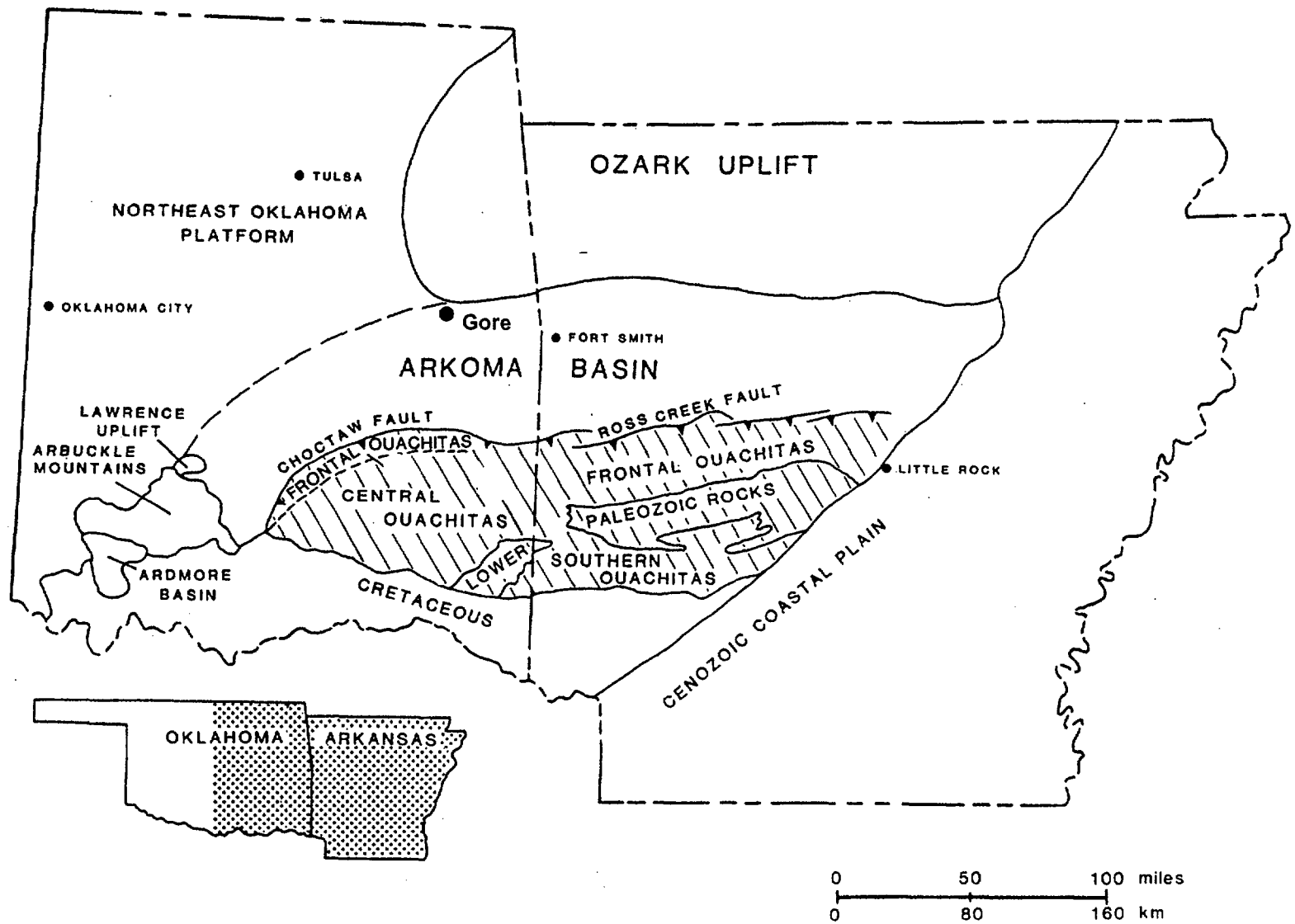
FIGURE 5-35
ISOPLETH OF FLUORIDE CONCENTRATIONS IN ALLUVIUM
2001 GROUNDWATER SAMPLING

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



C26

consulting scientists and engineers	FIGURE 5-36 TRILINEAR DIAGRAM FOR SELECTED WELL WATERS	Date: OCTOBER 2002 Project: P:\100734-2\REV CHAR RPT File: GEOCHEM.ppt



After Sutherland, 1988

Date:	OCTOBER 2002
Project:	P:\100734-2\REV RPT
File:	SECT 6.ppt

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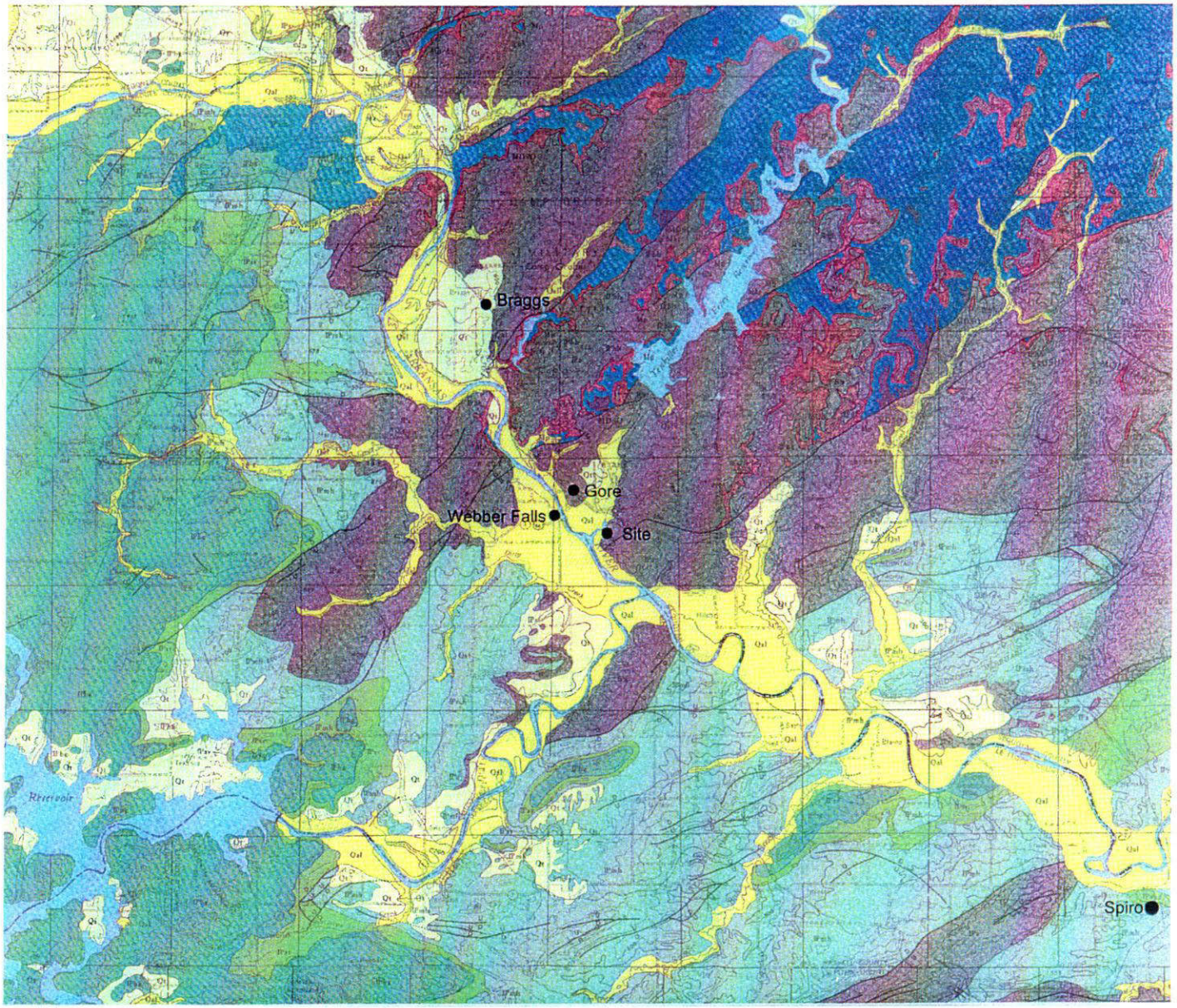
FIGURE 6-1
REGIONAL GEOLOGIC PROVINCES



After Munchin, 1965

C27

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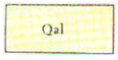
FIGURE 6-2
REGIONAL GEOLOGIC MAP

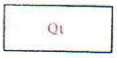
Date:	OCTOBER 2002
Project:	P:\100734-2\REV RPT
File:	SECT 6.ppt

Explanation



ALLUVIUM

Gravel, sand, silt, and clay. Yields large amounts of water of good quality along the Arkansas River and probably will yield moderate to large amounts along the Canadian River.



TERRACE DEPOSITS

Gravel, sand, silt, and clay. Yield moderate to large amounts of water of good quality locally along the Arkansas River; smaller amounts elsewhere.

BOGGY FORMATION

Shale, sandstone, and coal; includes Bluejacket Sandstone Member at base. Yields limited amounts of water of poor quality.

SAVANNA, McALESTER, AND HARTSHORNE FORMATIONS

IPsv *Savanna Formation,* shale, sandstone, and coal. Yields limited amounts of water of poor quality.

IPmh *McAlester* and *Hartshorne Formations* (undifferentiated), shale, sandstone, and coal. Yield limited amounts of water of poor quality.

IPsm *Savanna* and *McAlester Formations* (undifferentiated; T. 15 N., Rs. 18, 19 E.), shale and minor sandstones. Yield limited amounts of water of poor quality.

ATOKA, BLOYD, AND HALE FORMATIONS

IPu Undifferentiated.

IPa *Atoka Formation,* shale and sandstone. Yields limited amounts of water of poor quality.

IPbh *Bloyd Formation,* shale and limestone; and *Hale Formation,* limestone and sandstone. Probably will yield only small amounts of water of fair to poor quality.

MISSISSIPPIAN ROCKS ABOVE CHATTANOOGA SHALE

Mu Undifferentiated.

Mp *Pitkin Formation,* limestone; *Fayetteville Formation,* shale and limestone; *Hindsville Formation,* limestone and shale; and *Moorefield Formation,* limestone.

Mkr *Keokuk Formation,* chert; *Reeds Spring Formation,* chert and limestone; and *St. Joe "Group,"* limestone and marlstone.

Yield small to moderate amounts of water of fair to good quality.

MISSISSIPPIAN, DEVONIAN, SILURIAN, AND ORDOVICIAN ROCKS, UNDIFFERENTIATED

Mississippian and Devonian. *Chattanooga Shale,* shale.

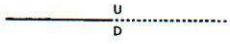
Devonian. *Sallisaw Formation,* limestone, sandstone, and chert; and *Frisco Formation,* limestone.

Silurian. *Quarry Mountain Formation,* limestone; *Tenkiller Formation,* limestone; and *Blackgum Formation,* limestone and dolomite.

Ordovician. *Sylvan Shale,* shale; *Fernvale Limestone,* limestone; *Fite Limestone,* limestone; *Tyner Formation,* shale, sandstone, dolomite, and limestone; *Burgen Sandstone,* sandstone and minor shales and limestones; and *Cotter Dolomite,* dolomite.

Limestone, dolomite, and sandstone units may yield small to moderate amounts of water of fair to good quality; shale units probably will yield only limited amounts of water of poor to fair quality.

The stratigraphic nomenclature and age determinations used herein are those accepted by the Oklahoma Geological Survey and do not necessarily agree with those of the U. S. Geological Survey.



Fault

Dotted where concealed; U, upthrown side; D, downthrown side

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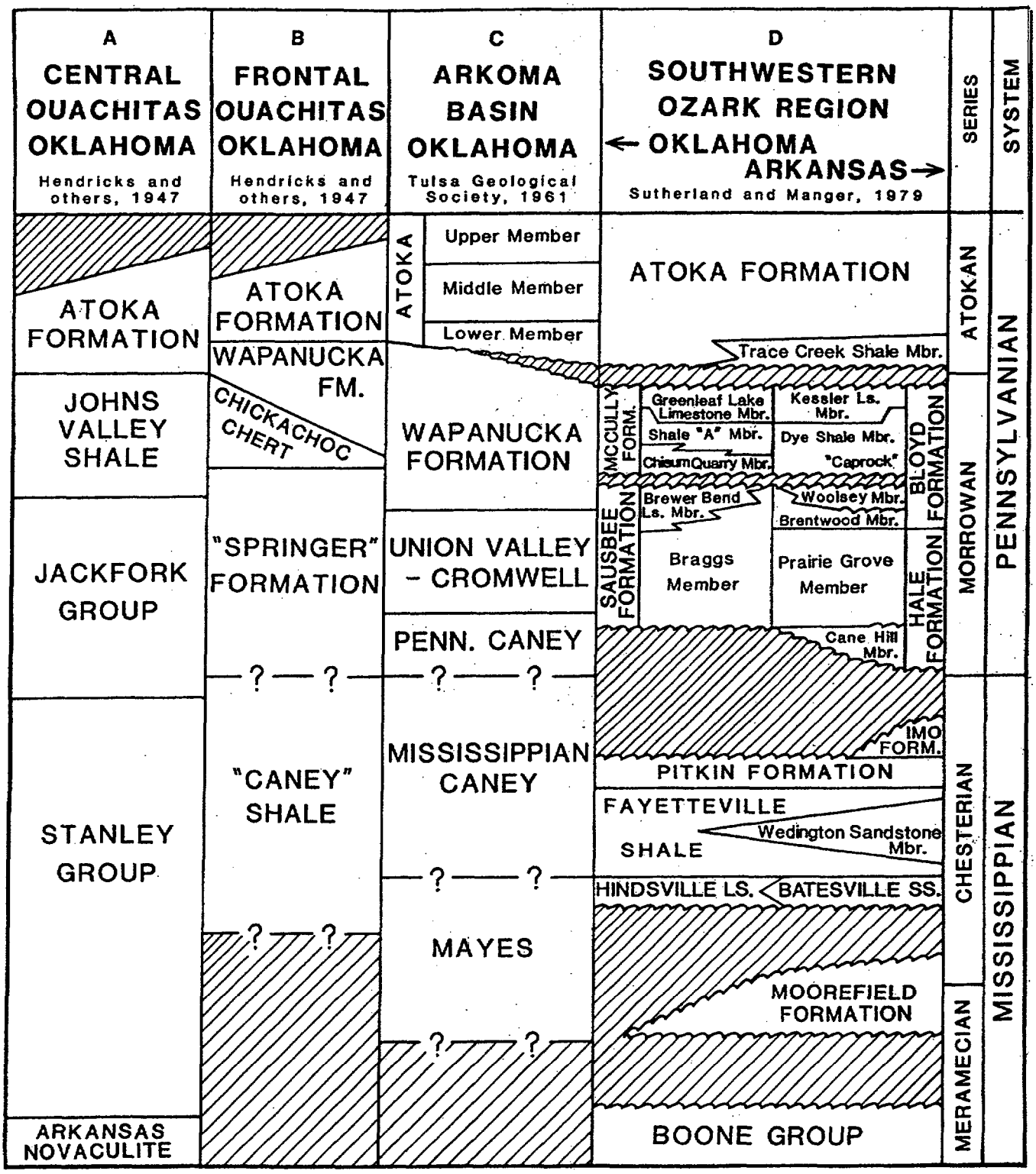

consulting scientists and engineers	FIGURE 6-3 CORRELATION OF UPPER MISSISSIPPIAN AND LOWER PENNSYLVANIAN FORMATIONS	Date: OCTOBER 2002 Project: P:\100734-2\REV CHAR RPT File: SECT6PORTRAIT.ppt

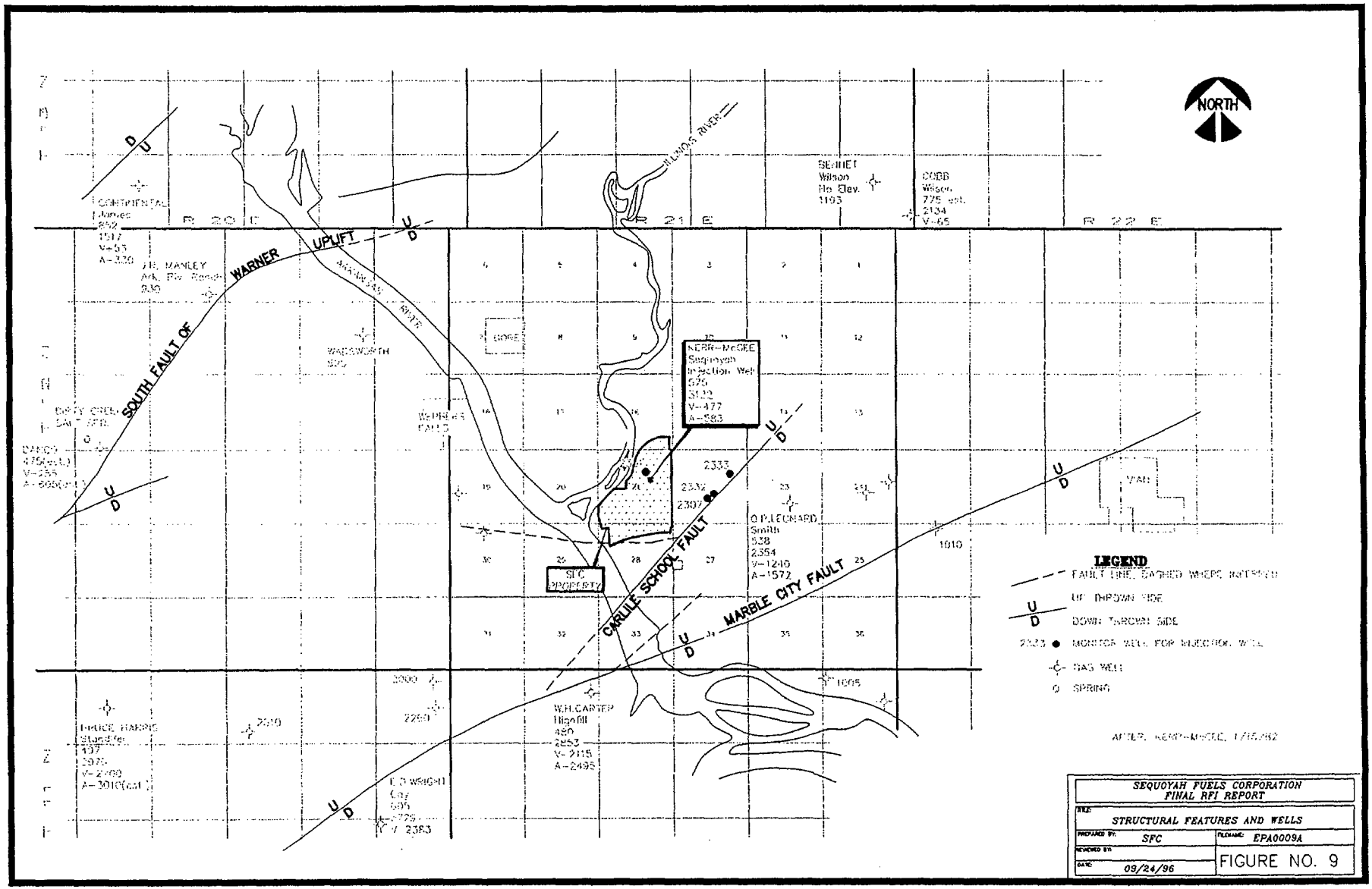

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FIGURE 6-4
LOCATIONS OF LOCAL FAULTS

Date:	OCTOBER 2002
Project:	P:\100734-2\REV RPT
File:	SECT 6.ppt

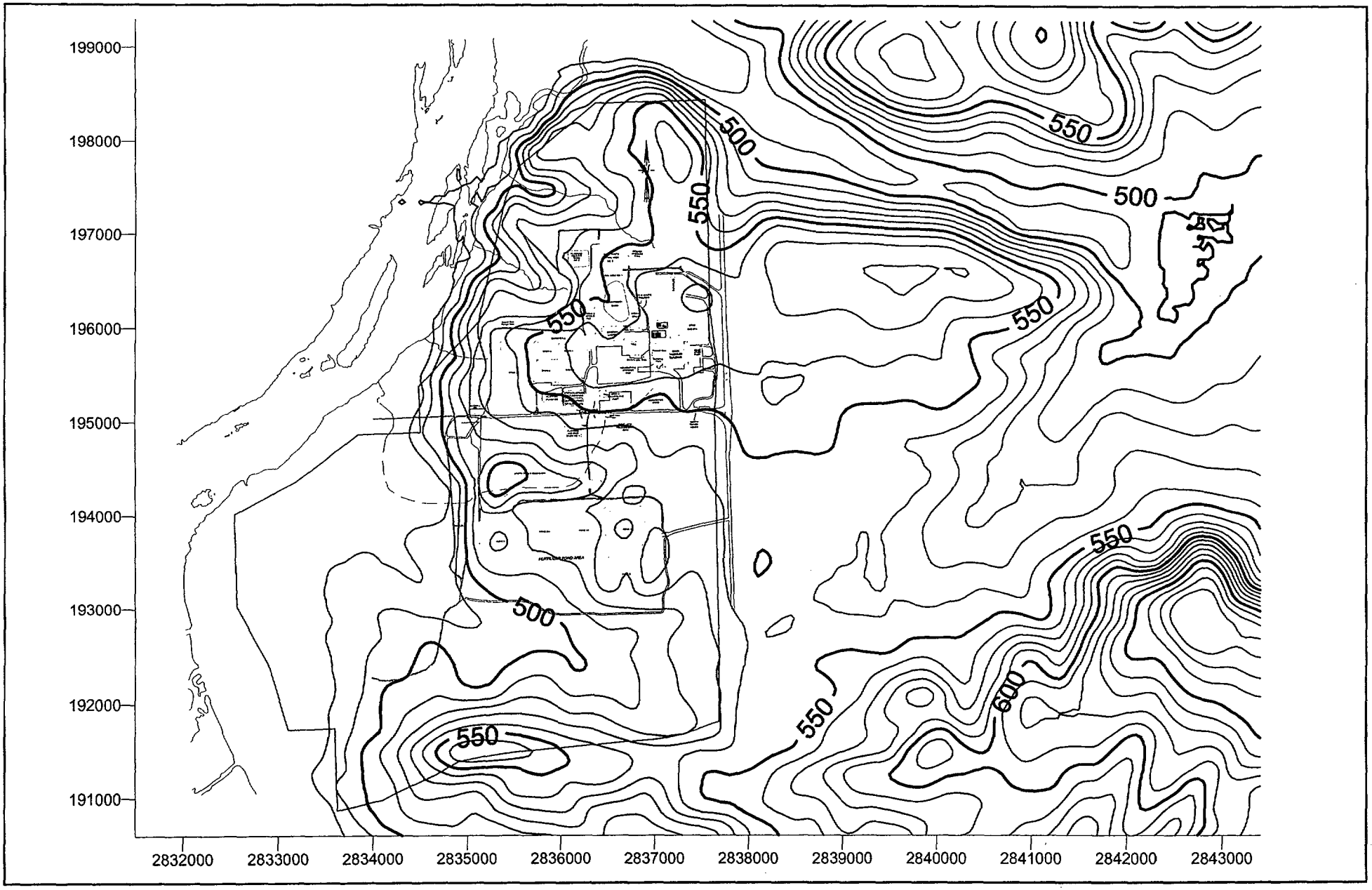

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FIGURE 6-5
SITE TOPOGRAPHICAL SURFACE

Date:	OCTOBER 2002
Project:	P:\100734-2\REV RPT
File:	SECT 6.ppt

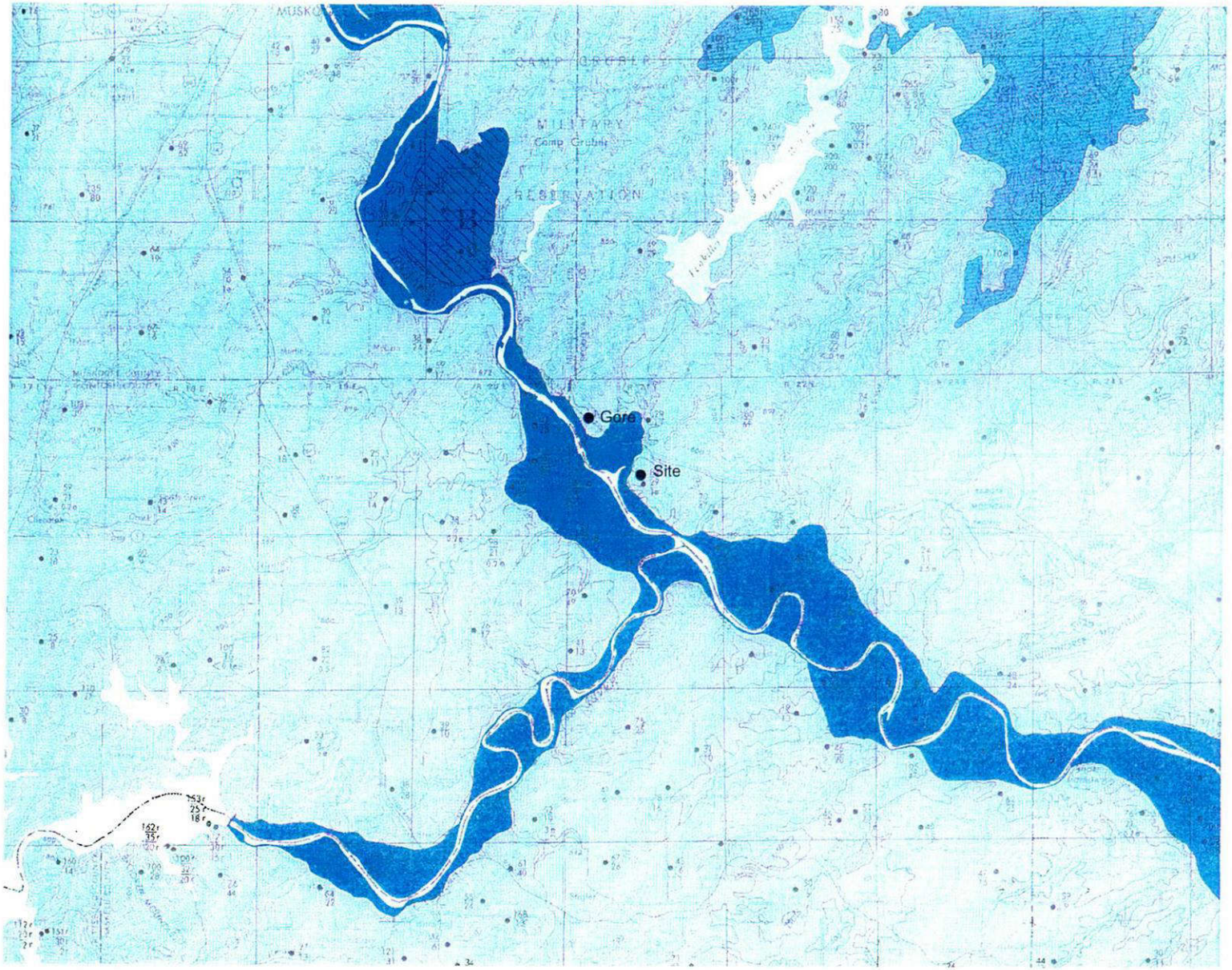

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FIGURE 6-6
REGIONAL HYDROLOGICAL UNITS

Date:	OCTOBER 2002
Project:	P:\100734-2\REV RPT
File:	SECT 6.ppt

Explanation

Most favorable for ground-water supplies

This area includes alluvium along the Arkansas and Canadian Rivers and some terrace deposits along the Arkansas River. Wells in alluvium along the Arkansas River are reported to yield up to 900 gpm (gallons per minute); larger yields might be obtained locally. Alluvium along the Canadian River is untested, but yields comparable to those from alluvium of the Arkansas River probably could be obtained. Area A, shown by diagonal lines in Tulsa and Wagoner Counties, is underlain by terrace deposits, up to 60 feet thick, that are reported to yield as much as 125 gpm locally. Area B, shown by diagonal lines near Braggs, is also underlain by terrace deposits, up to 90 feet thick, that may yield up to 100 gpm.

Moderately favorable for ground-water supplies

This area is underlain by the Keokuk and Reeds Spring Formations and, in T. 13 N., R. 23 E., by rocks of pre-Mississippian age. Wells in the Keokuk and Reeds Spring Formations are reported to yield as much as 20 gpm and, locally, more. A few springs yield several hundred gallons per minute. Some of the limestones and sandstones, particularly the Burgen Sandstone in T. 13 N., R. 23 E., and in the vicinity of Qualls, are reported to yield up to 20 gpm.

Least favorable for ground-water supplies

The area is underlain by shale, siltstone, and sandstone of Pennsylvanian age and by terrace deposits mainly along the shores of Eufaula Reservoir. Most wells in the shale, siltstone, and sandstone yield only a fraction of a gallon per minute to a few gallons per minute. A few wells are reported to yield as much as 20 gpm. In local areas, terrace deposits along Eufaula Reservoir may yield 10 gpm or possibly more.

Well

Upper number is depth of the well in feet; middle number is depth to water in feet below land surface in 1966 and 1967; lower number is yield of the well in gallons per minute. e = estimated value, r = reported value, f = flowing well, + = height of water level above ground level, u = unknown.

Spring

Number beside spring symbol is yield in gallons per minute. e = estimated yield. Yield data obtained in 1966.

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consulting scientists and engineers	FIGURE 6-6a EXPLANATION OF REGIONAL HYDROLOGICAL UNITS	Date: OCTOBER 2002 Project: P:\100734-2\REV CHAR RPT File: SECT6PORTRAIT.ppt

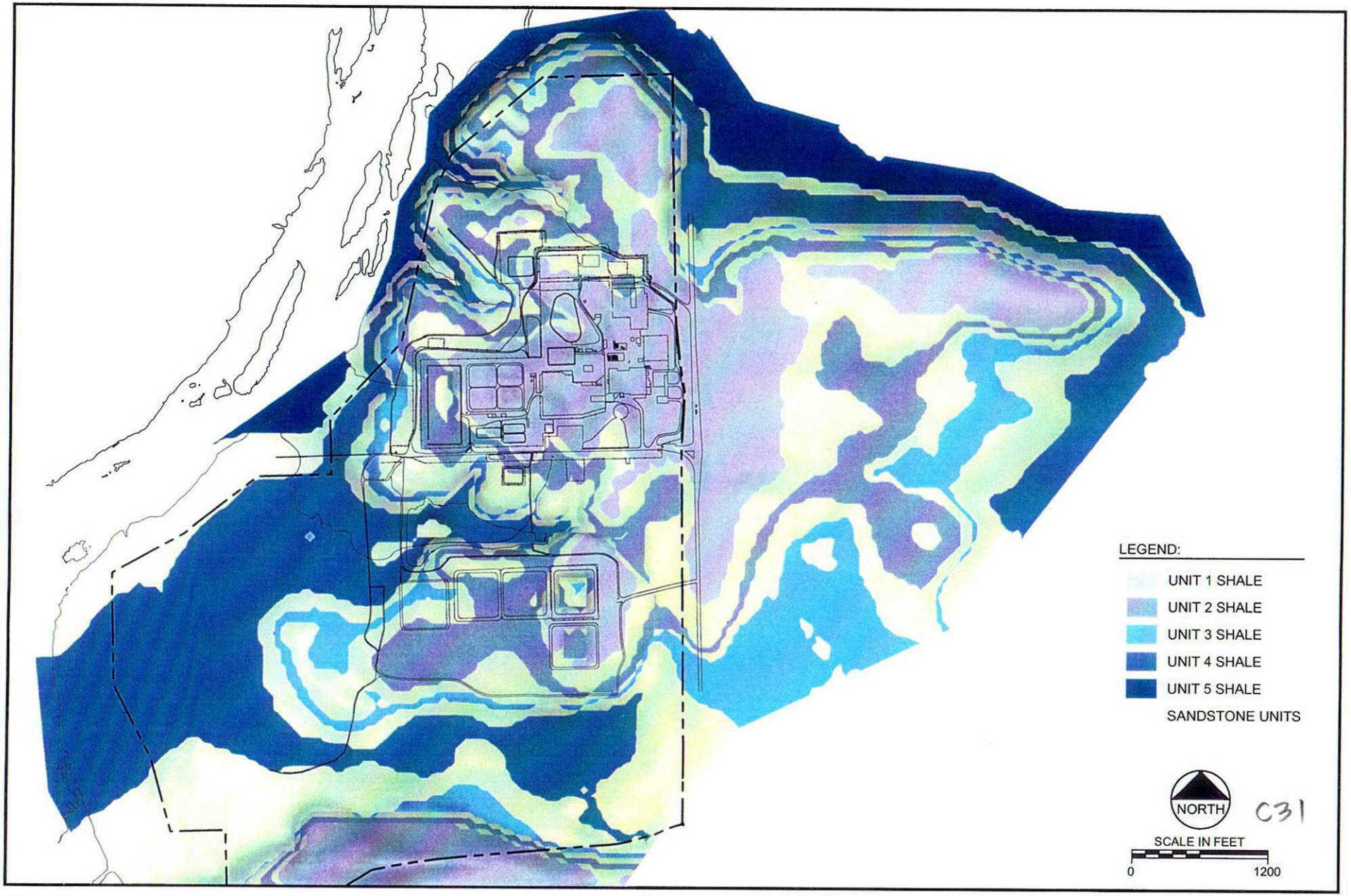

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FIGURE 7-1
HYDROSTRATIGRAPHIC MODEL
BEDROCK GEOLOGY MAP

Date:	OCTOBER 2002
Project:	100734\REVISED-20*\
File:	GEO-MAP.dwg

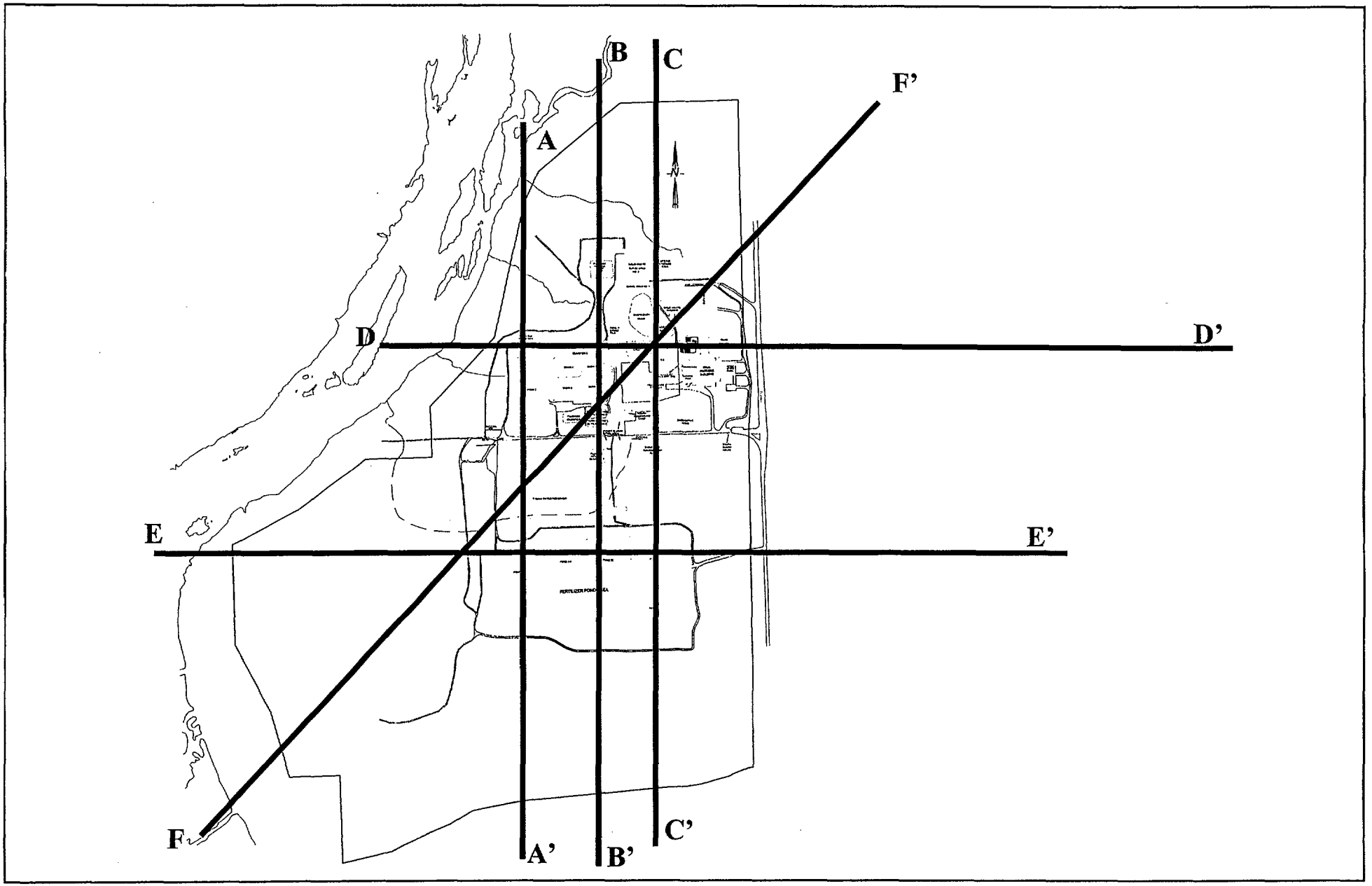

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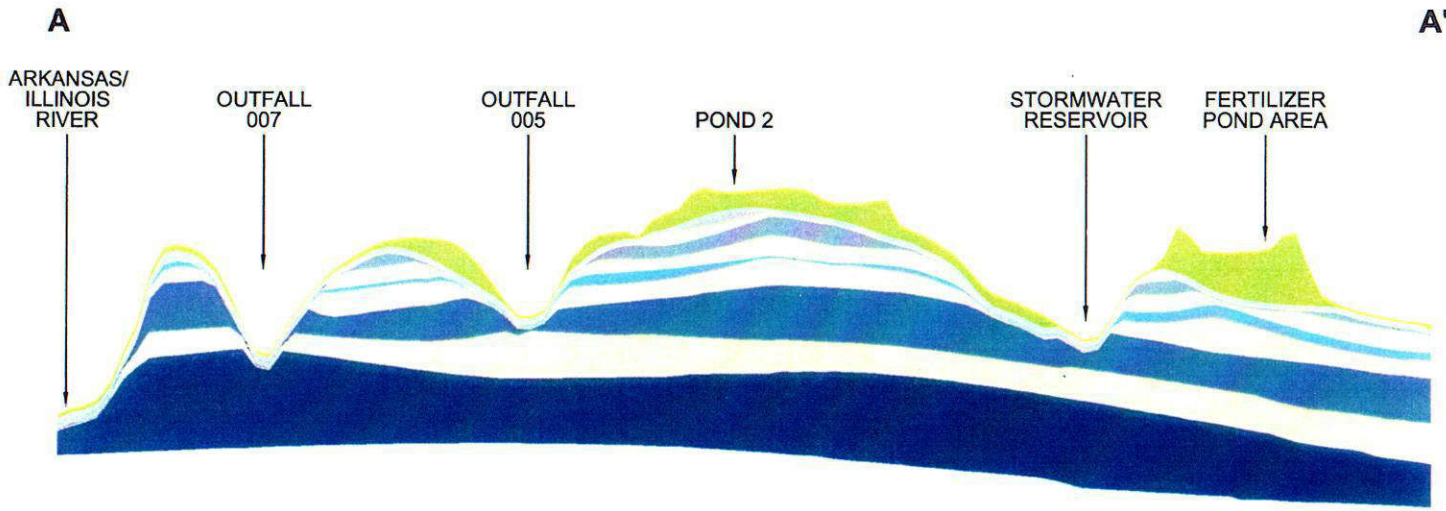
FIGURE 7-2
GEOLOGIC CROSS-SECTION LOCATIONS

Date:	OCTOBER 2002
Project:	P:\100734-2\REV RPT
File:	SECT7.ppt



LEGEND:

- ALLUVIUM AND COLLUVIUM TERRACE DEPOSIT
- UNIT 1 SHALE
- UNIT 2 SHALE
- UNIT 3 SHALE
- UNIT 4 SHALE
- UNIT 5 SHALE
- SANDSTONE UNITS

VERTICAL EXAGERATION = 10x

NORTH

SCALE IN FEET

0 1000

C32

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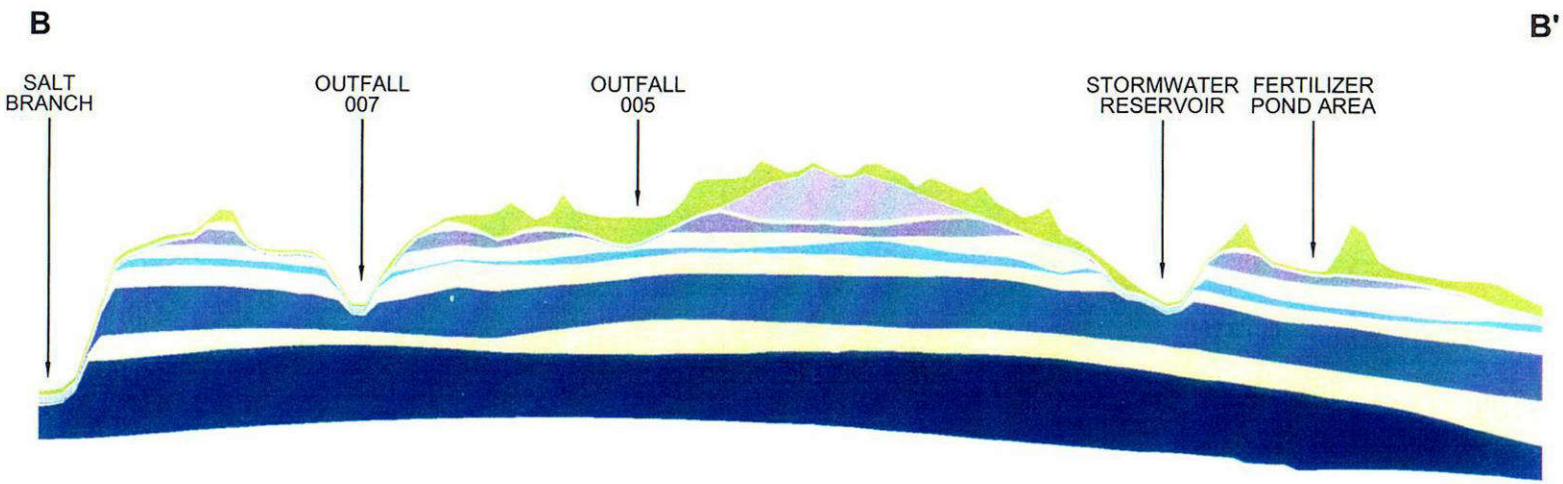
FIGURE 7-3
LAYER 1
HYDROSTRATIGRAPHIC MODEL CROSS SECTION A-A'

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



LEGEND:

- ALLUVIUM AND COLLUVIUM TERRACE DEPOSIT
- UNIT 1 SHALE
- UNIT 2 SHALE
- UNIT 3 SHALE
- UNIT 4 SHALE
- UNIT 5 SHALE
- SANDSTONE UNITS

VERTICAL EXAGERATION = 10x

NORTH

SCALE IN FEET

0 1000

C33

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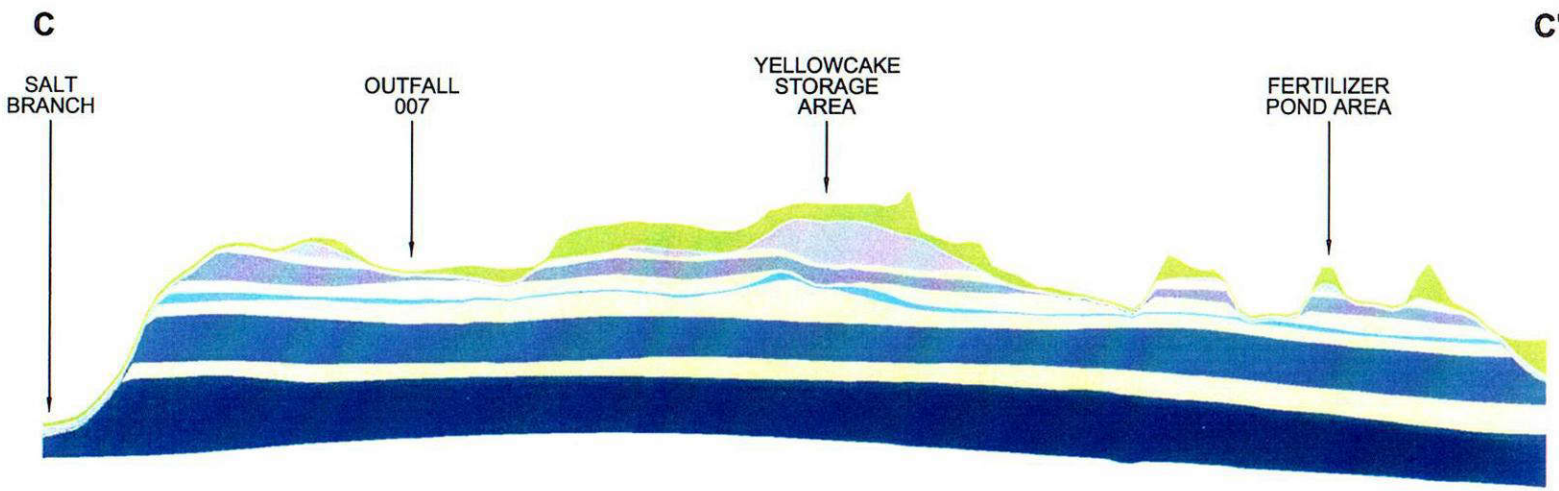
FIGURE 7-4
LAYER 2
HYDROSTRATIGRAPHIC MODEL CROSS SECTION B-B'

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



LEGEND:

- ALLUVIUM AND COLLUVIUM TERRACE DEPOSIT
- UNIT 1 SHALE
- UNIT 2 SHALE
- UNIT 3 SHALE
- UNIT 4 SHALE
- UNIT 5 SHALE
- SANDSTONE UNITS

VERTICAL EXAGERATION = 10x

NORTH

SCALE IN FEET

0 1000

C34

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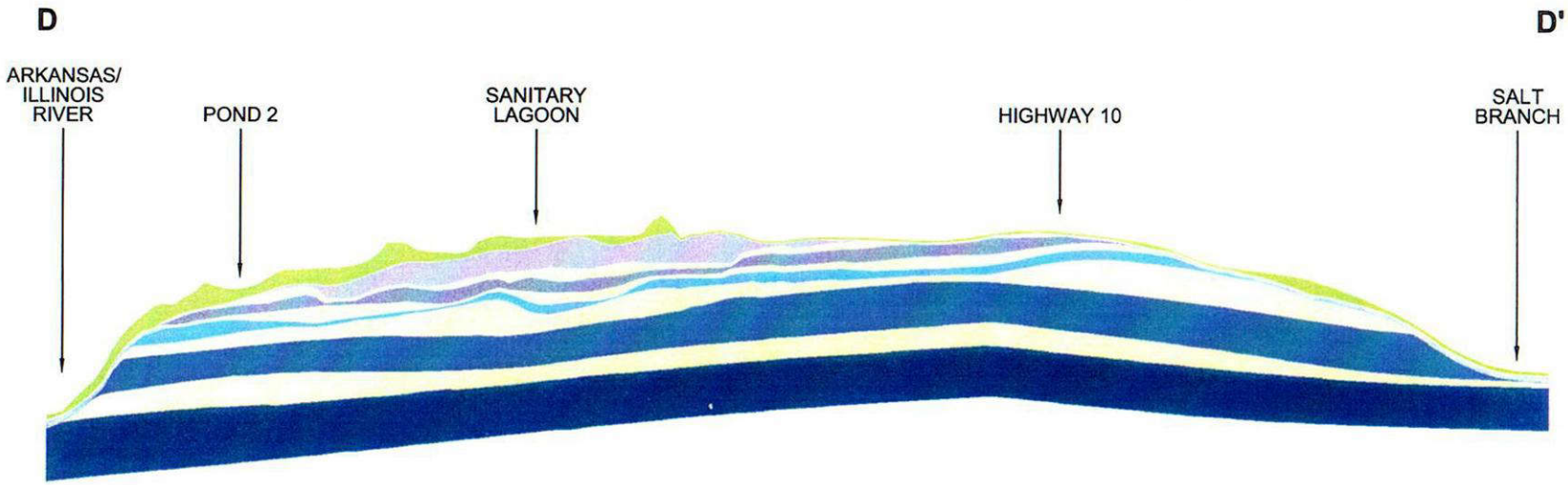
FIGURE 7-5
LAYER 3
HYDROSTRATIGRAPHIC MODEL CROSS SECTION C-C'

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



LEGEND:

- ALLUVIUM AND COLLUVIUM TERRACE DEPOSIT
- UNIT 1 SHALE
- UNIT 2 SHALE
- UNIT 3 SHALE
- UNIT 4 SHALE
- UNIT 5 SHALE
- SANDSTONE UNITS

VERTICAL EXAGERATION = 10x

NORTH

SCALE IN FEET

0 1000

C35

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FIGURE 7-6
LAYER 4
HYDROSTRATIGRAPHIC MODEL CROSS SECTION D-D'

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

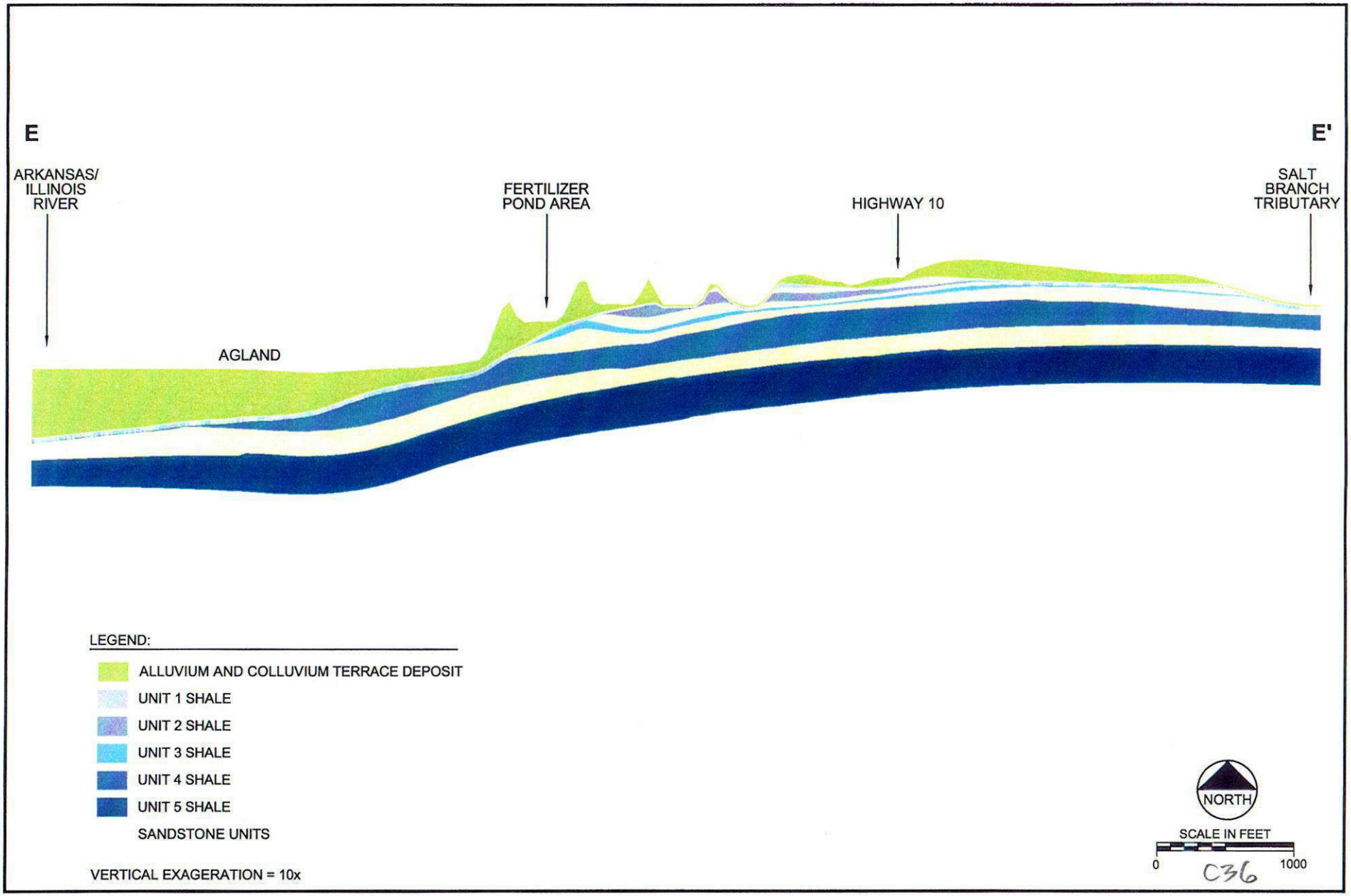

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FIGURE 7-7
LAYER 5
HYDROSTRATIGRAPHIC MODEL CROSS SECTION E-E'

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Project:	100734\REVISED-20*\
File:	SECTIONS.dwg

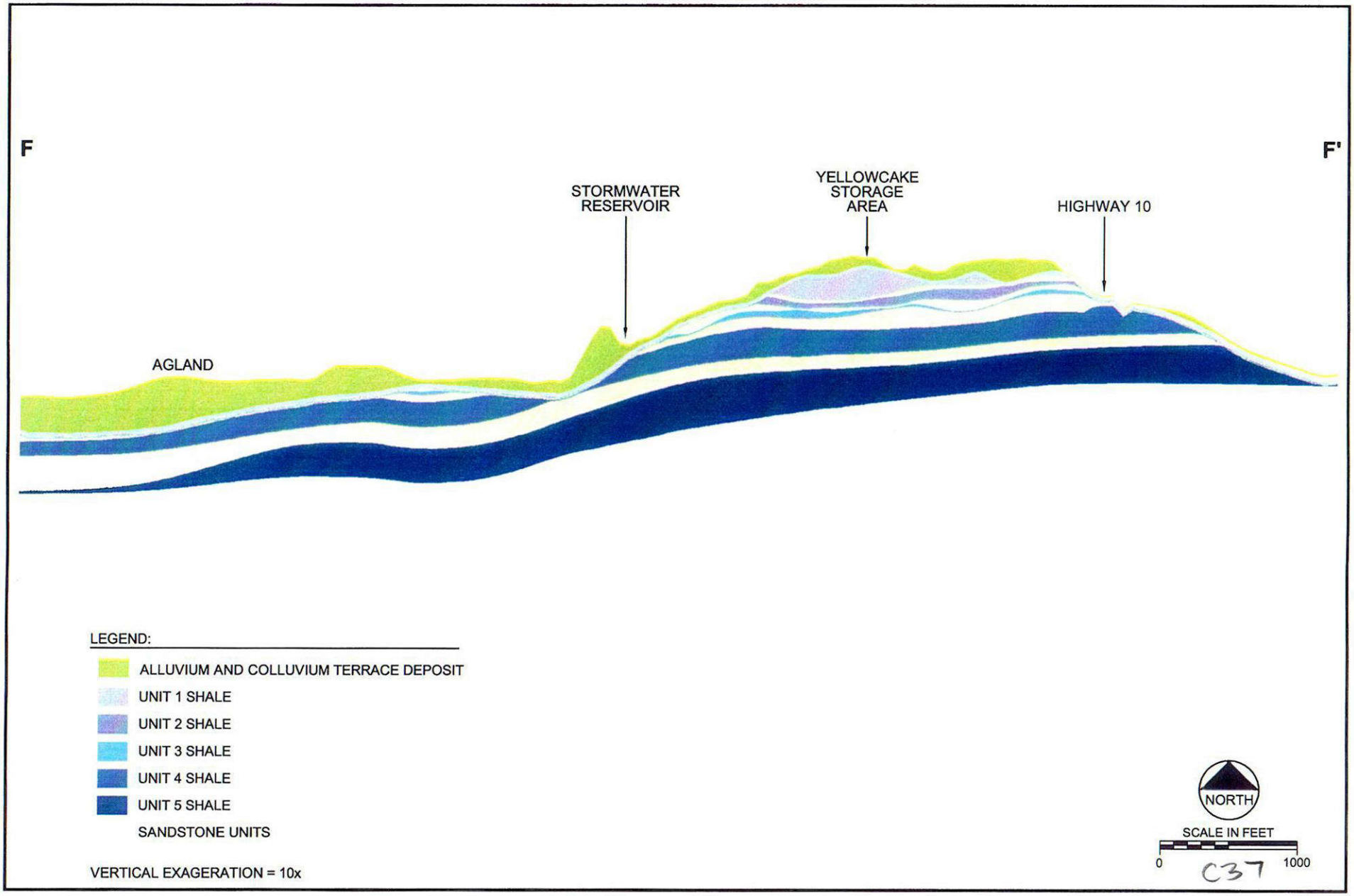

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FIGURE 7-8
LAYER 6
HYDROSTRATIGRAPHIC MODEL CROSS SECTION F-F'

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

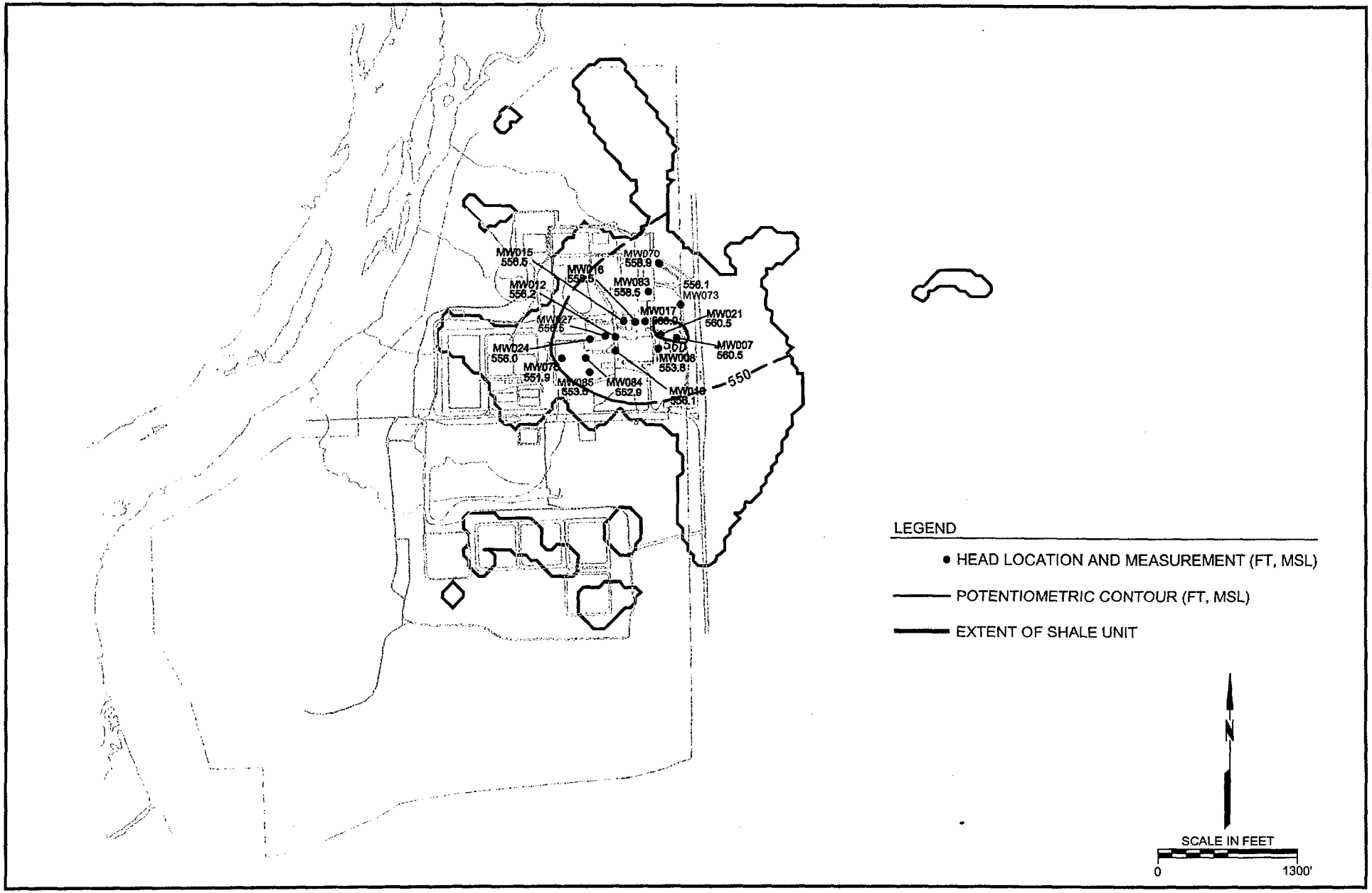

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FIGURE 7-9
POTENTIOMETRIC SURFACE SHALE 1
JUNE 2001

Date:	OCTOBER 2002
Project:	100734
File:	SHALE.dwg

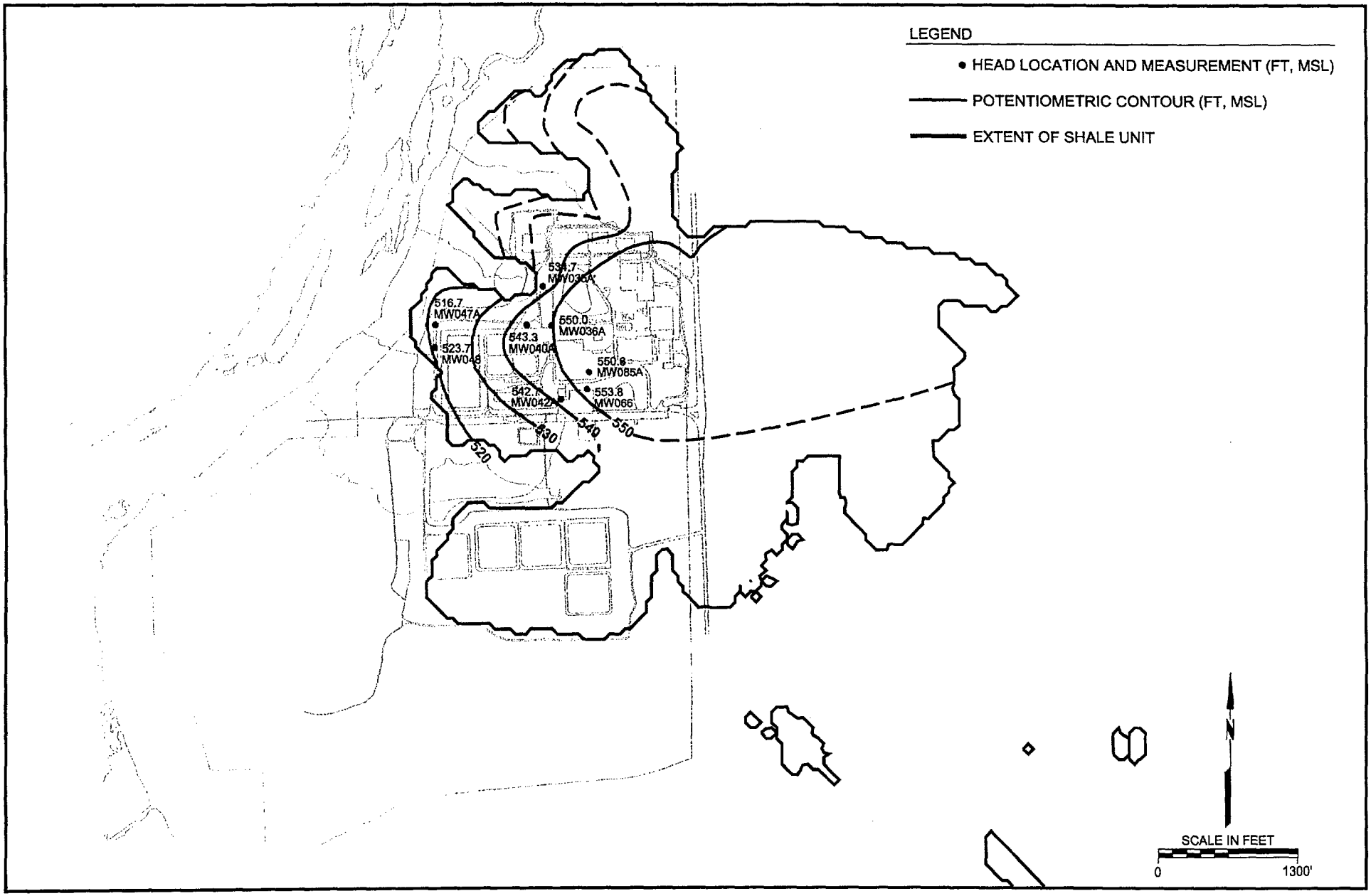

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FIGURE 7-10
POTENTIOMETRIC SURFACE SHALE 2
JUNE 2001

Date:	OCTOBER 2002
Project:	100734
File:	SHALE.dwg

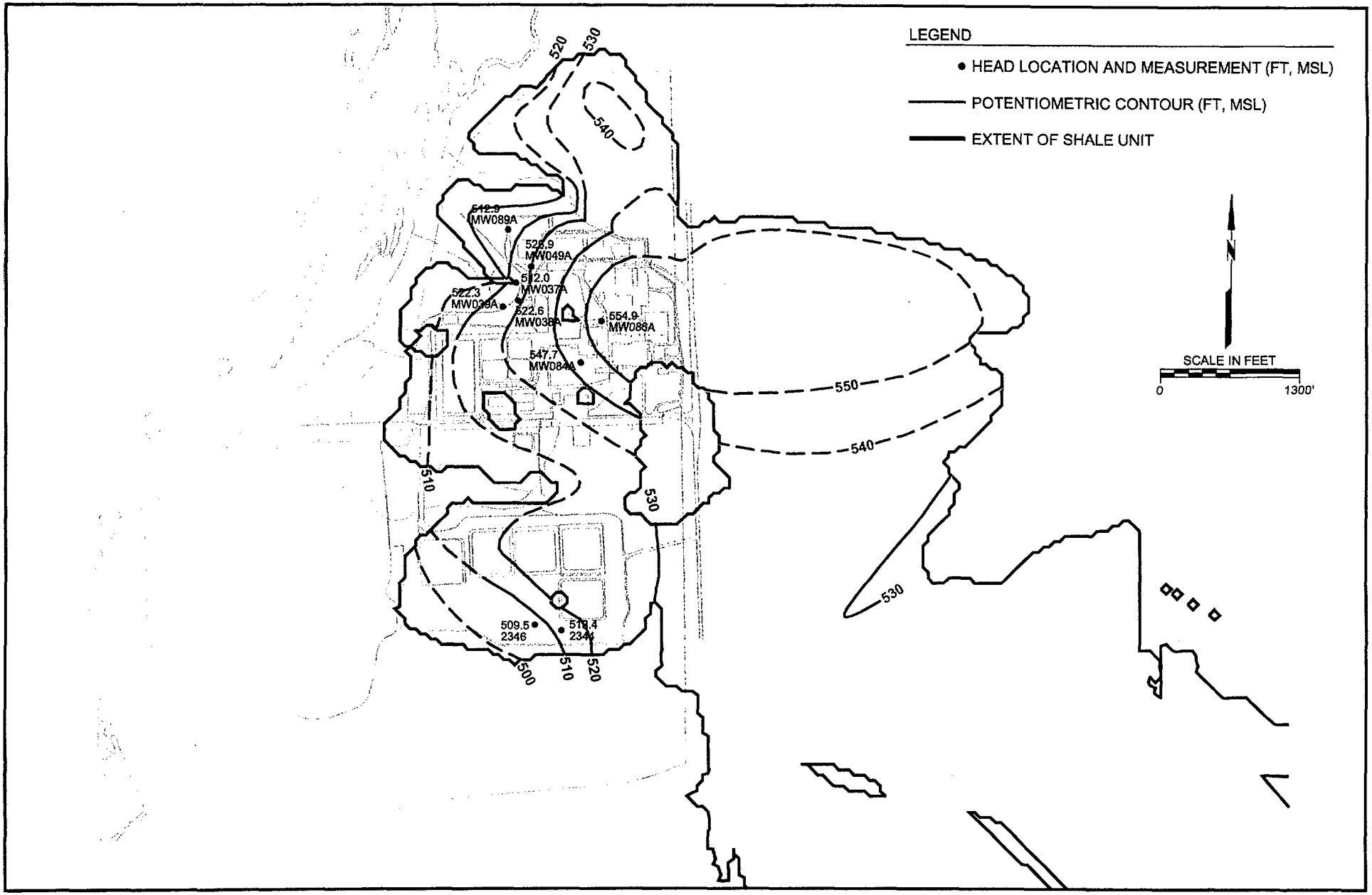

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FIGURE 7-11
POTENTIOMETRIC SURFACE SHALE 3
JUNE 2001

Date:	OCTOBER 2002
Project:	100734
File:	SHALE.dwg

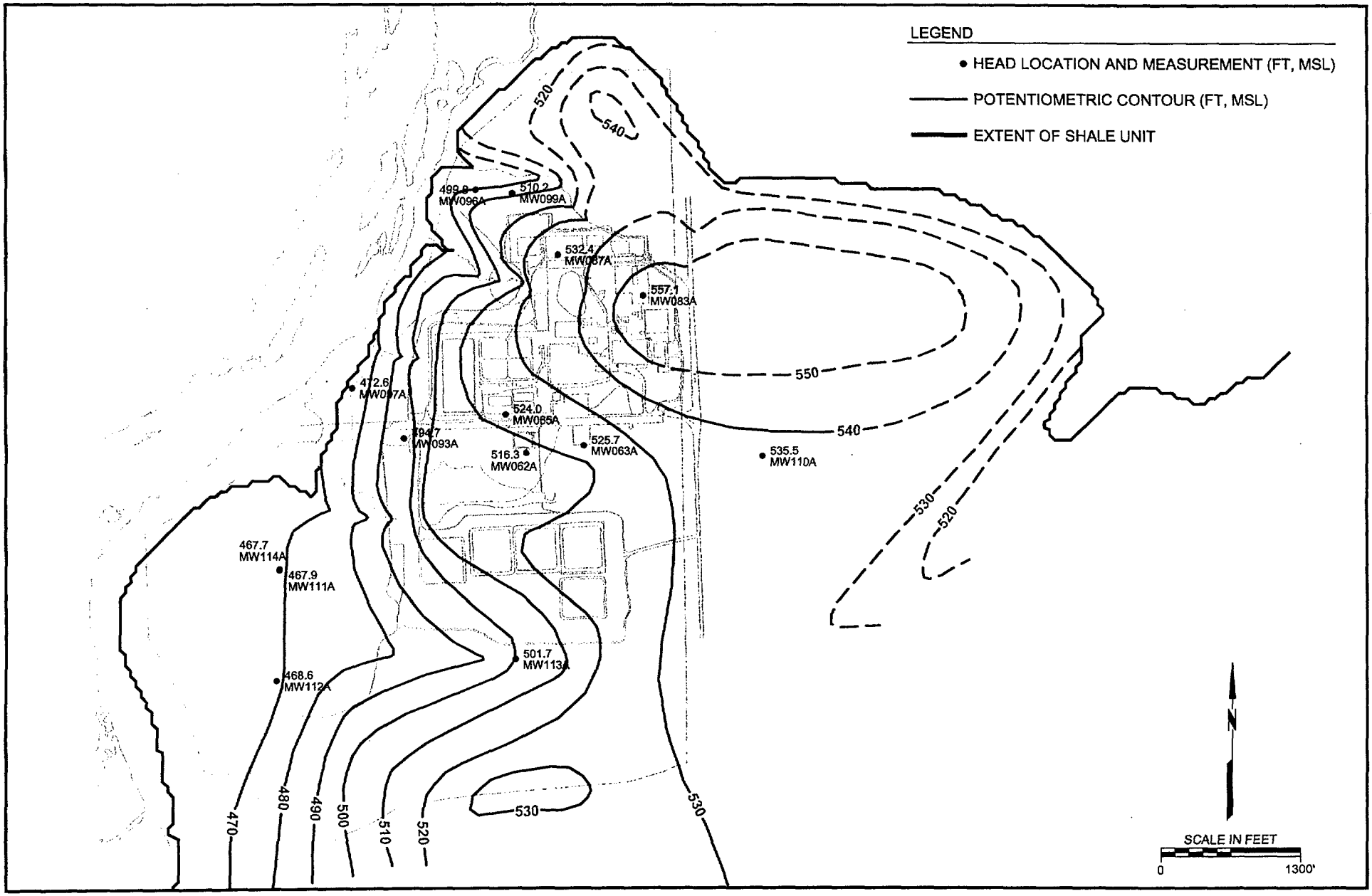

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FIGURE 7-12
POTENTIOMETRIC SURFACE SHALE 4
JUNE 2001

Date:	OCTOBER 2002
Project:	100734
File:	SHALE.dwg

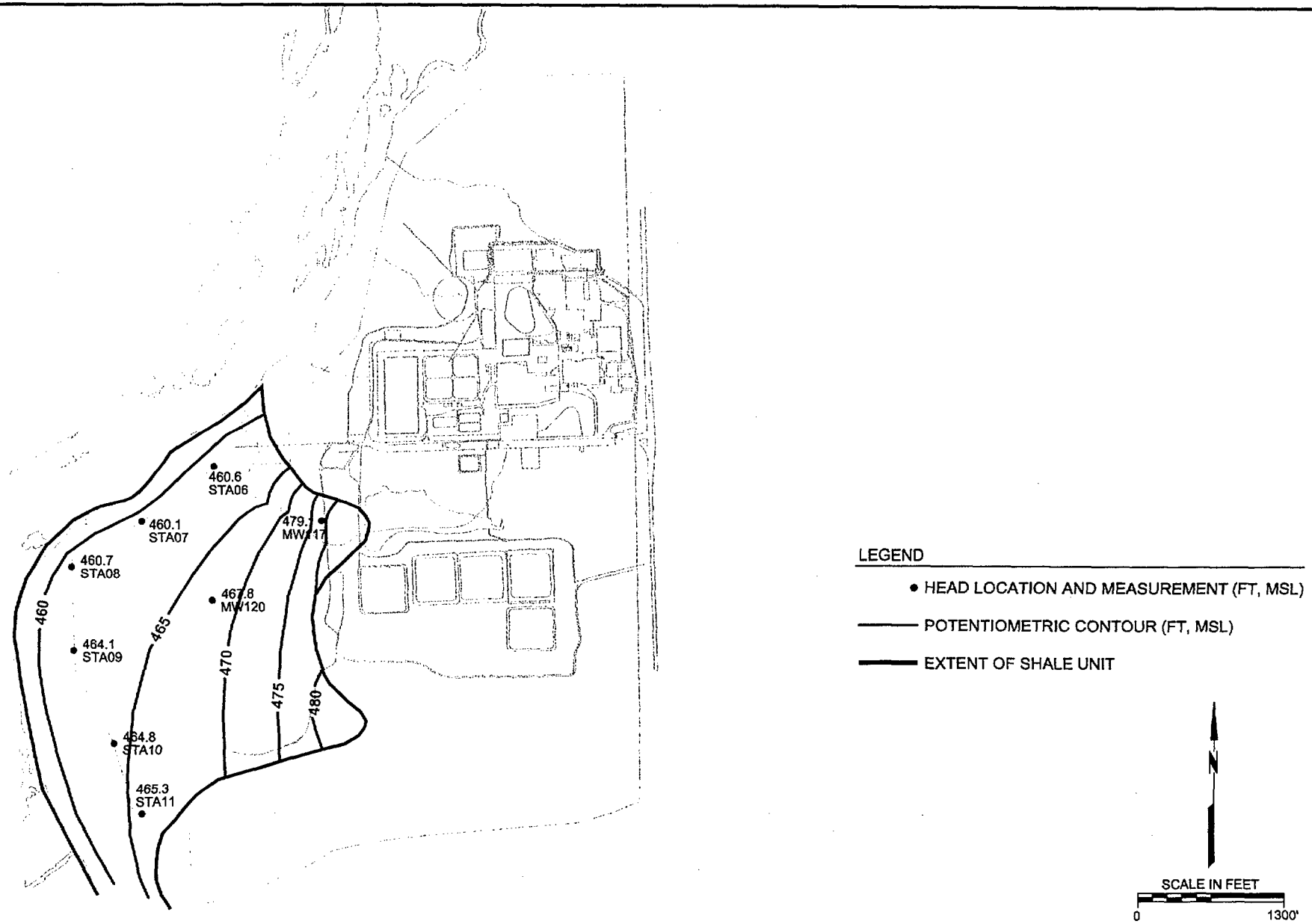

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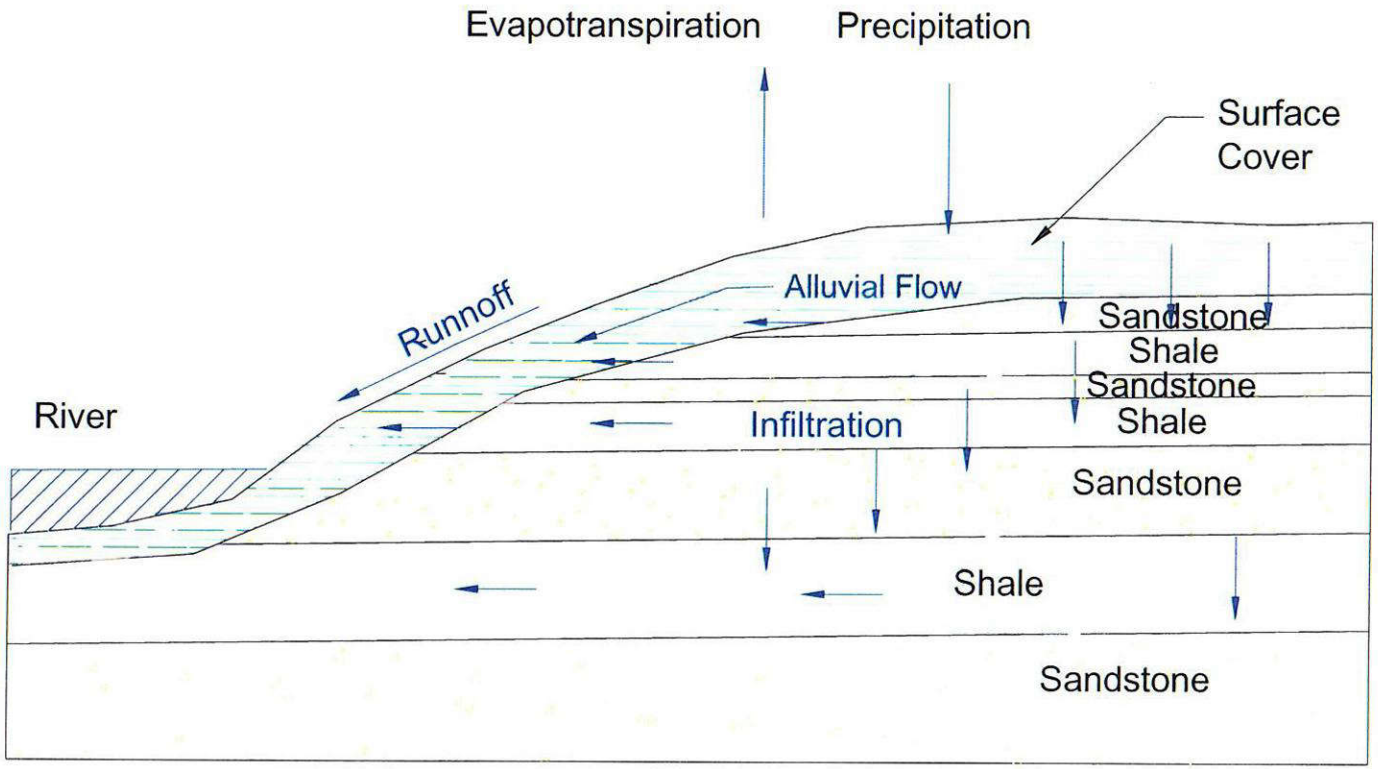
FIGURE 7-13
POTENTIOMETRIC SURFACE ALLUVIUM
5 JUNE 2001

Date:	OCTOBER 2002
Project:	100734
File:	SHALE.dwg



C38

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FIGURE 7-14
CONCEPTUALIZED HYDROGEOLOGY

Date:	OCTOBER 2002
Project:	P:\100734-2\REV RPT
File:	SECT7.ppt

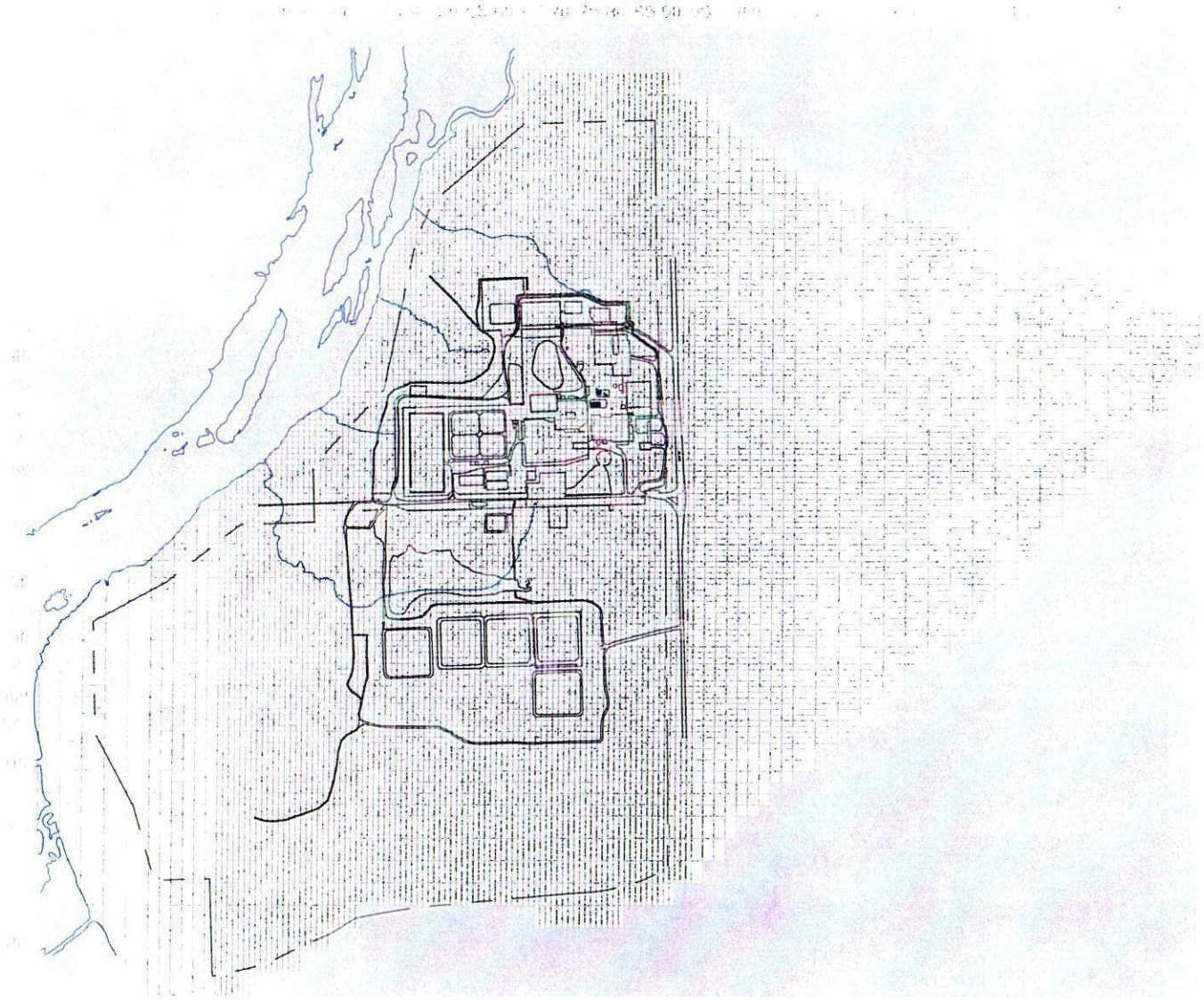

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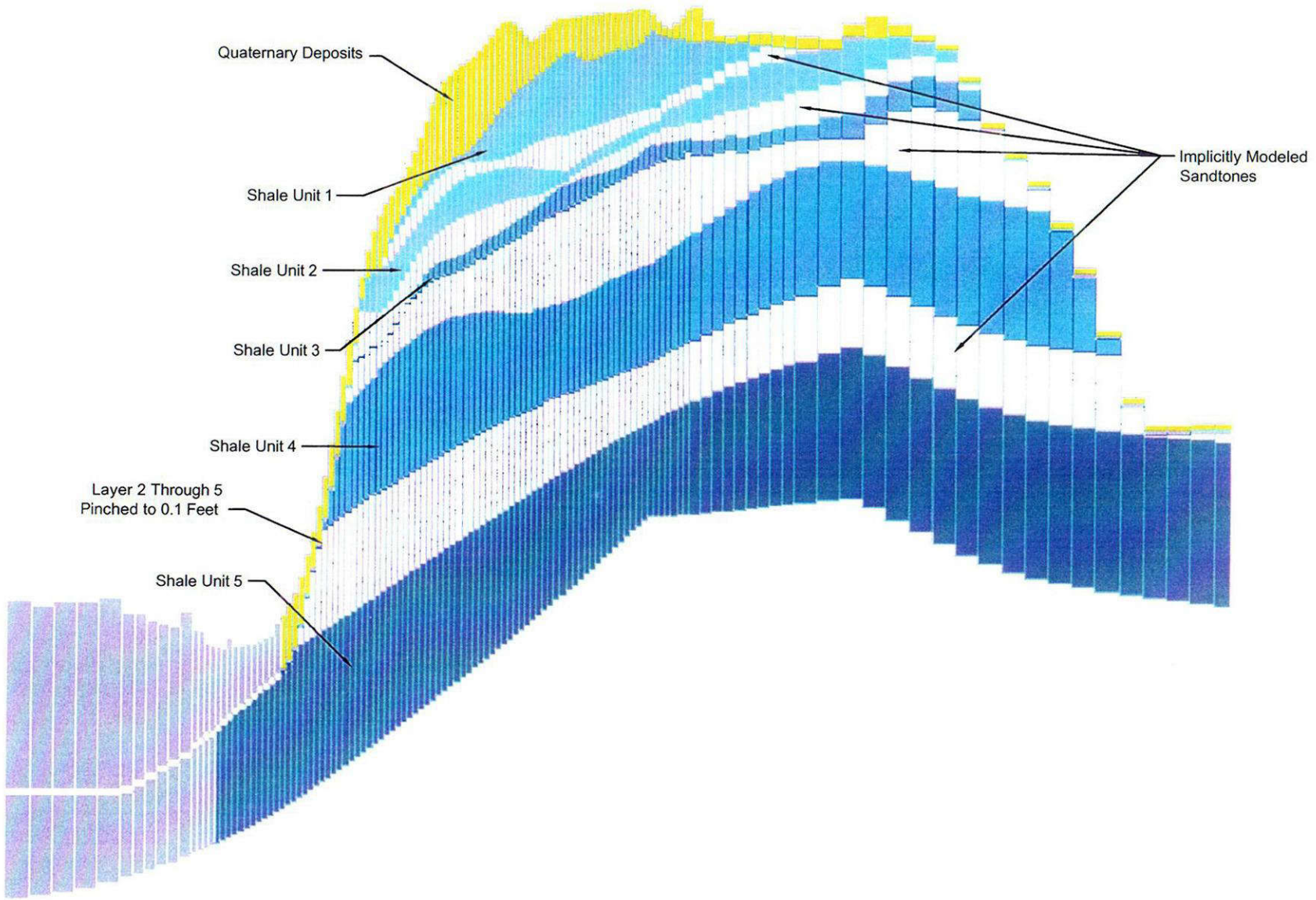
FIGURE 8-1
MODEL DOMAIN

Date:	OCTOBER 2002
Project:	100734
File:	FIG 8-1.DWG



C40

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FIGURE 8-2
MODEL GRID CROSS-SECTION

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Project:	100734
File:	XSEC.DWG

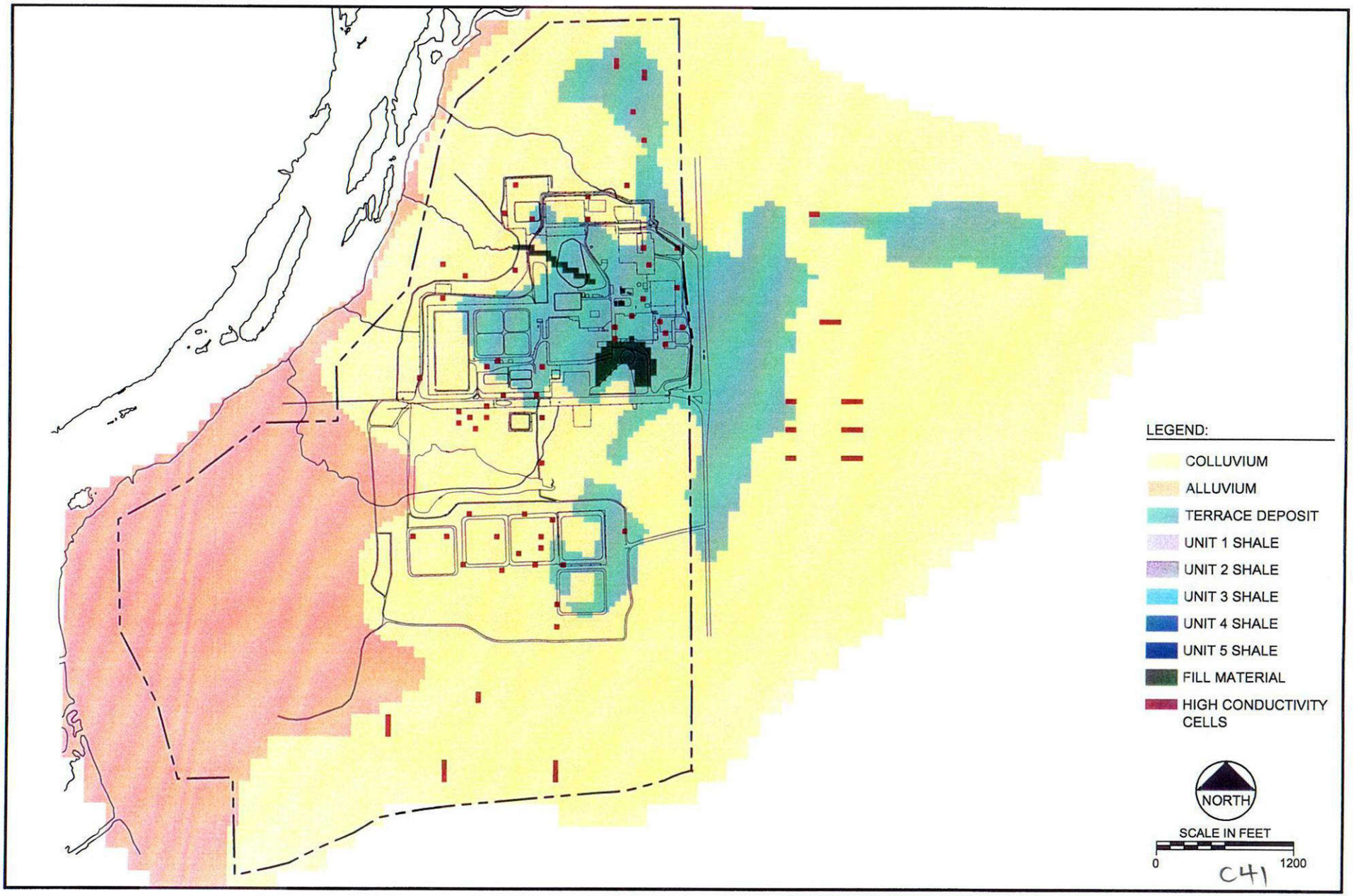

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FIGURE 8-3
LAYER 1
HYDROLOGIC UNITS

Date:	OCTOBER 2002
Project:	100734\REVISED-20*\
File:	HYDRO-UNITS.dwg

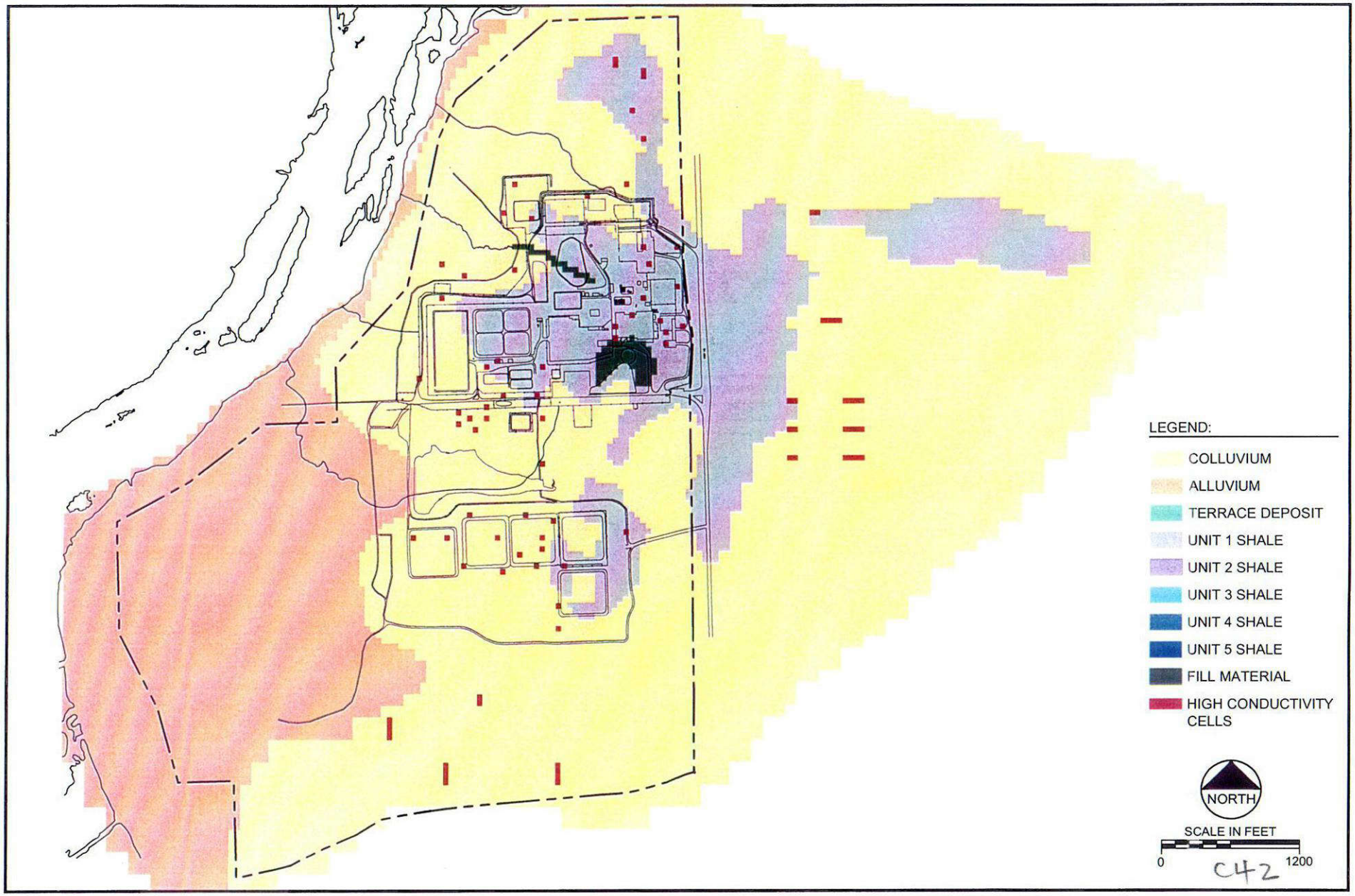

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FIGURE 8-4
LAYER 2
HYDROLOGIC UNITS

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Project:	100734\REVISED-20*\
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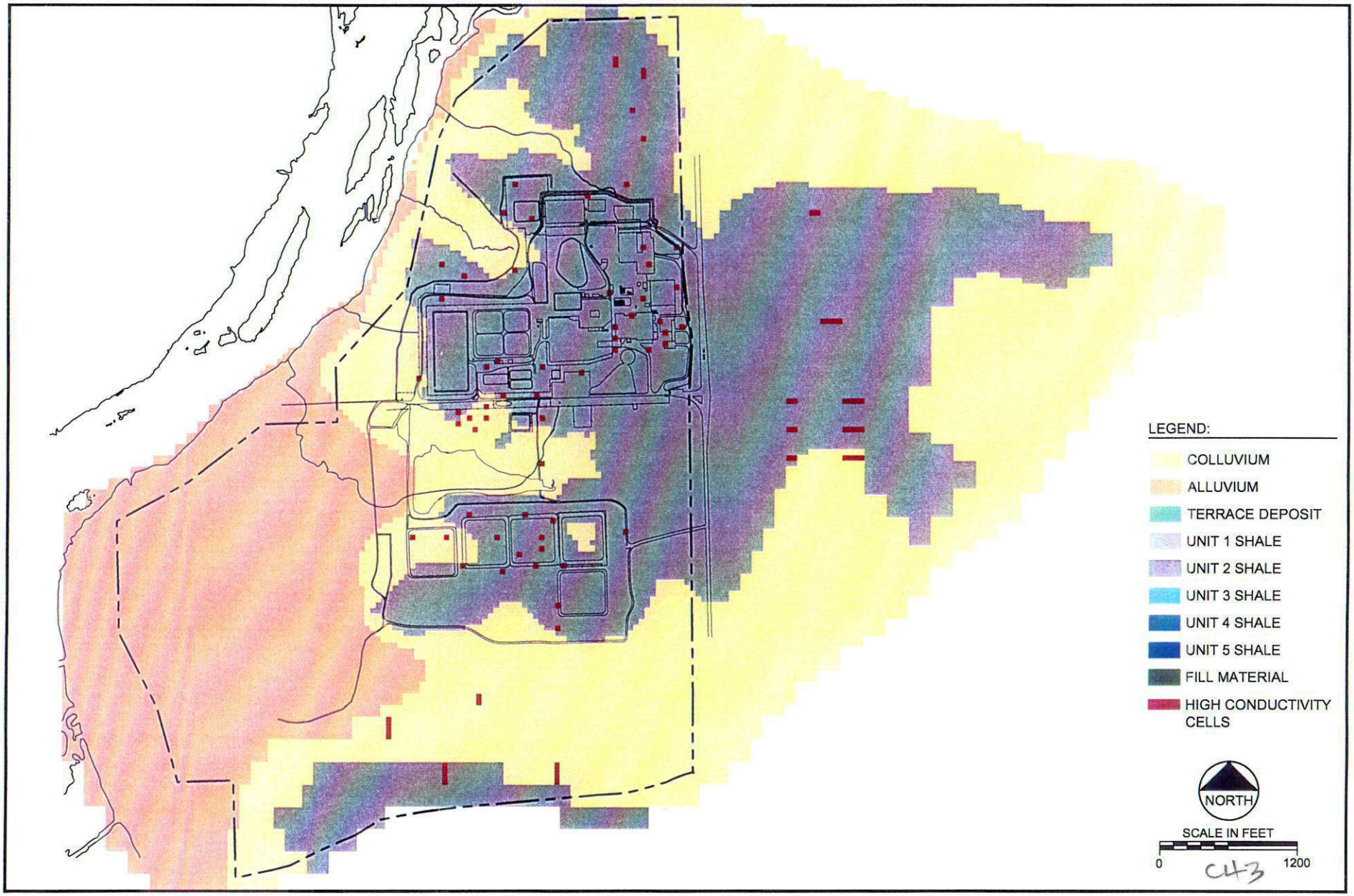

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FIGURE 8-5
LAYER 3
HYDROLOGIC UNITS

Date:	OCTOBER 2002
Project:	100734\REVISED-20*\
File:	HYDRO-UNITS.dwg

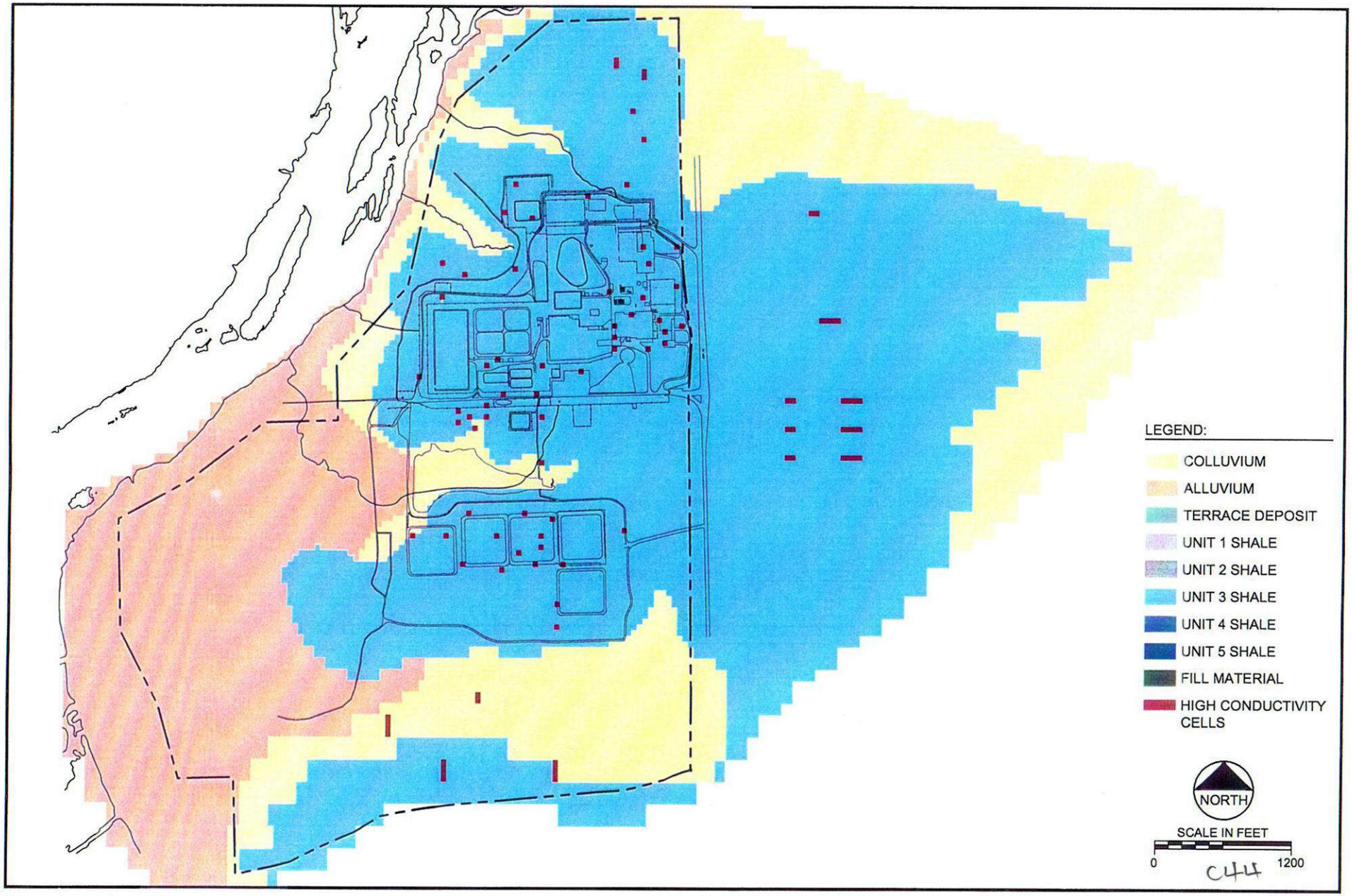

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FIGURE 8-6
LAYER 4
HYDROLOGIC UNITS

Date:	OCTOBER 2002
Project:	100734\REVISED-20*\
File:	HYDRO-UNITS.dwg

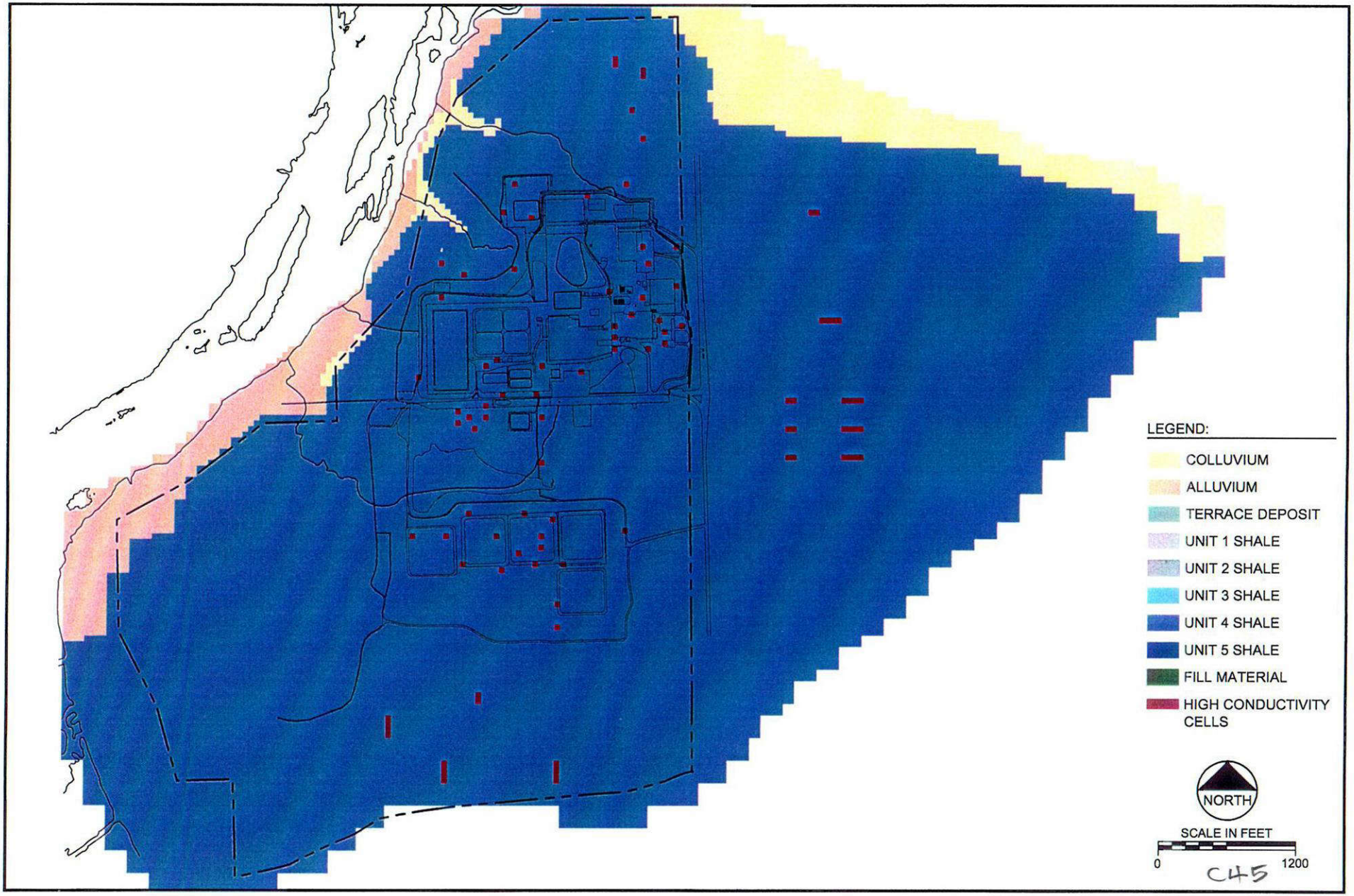

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FIGURE 8-7
LAYER 5
HYDROLOGIC UNITS

Date:	OCTOBER 2002
Project:	100734\REVISED-20*\
File:	HYDRO-UNITS.dwg

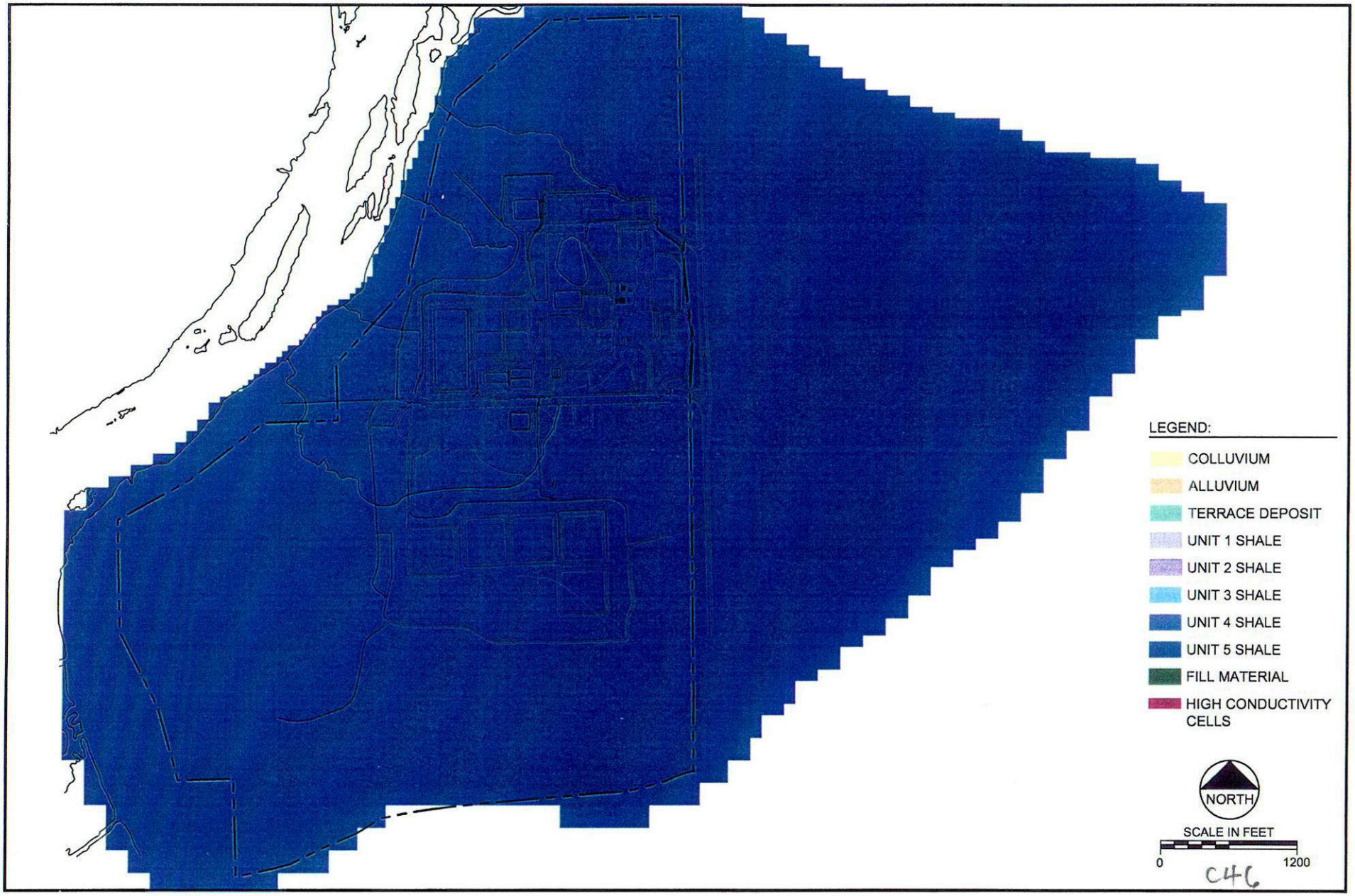

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FIGURE 8-8
LAYER 6
HYDROLOGIC UNITS

Date:	OCTOBER 2002
Project:	100734\REVISED-20*\
File:	HYDRO-UNITS.dwg

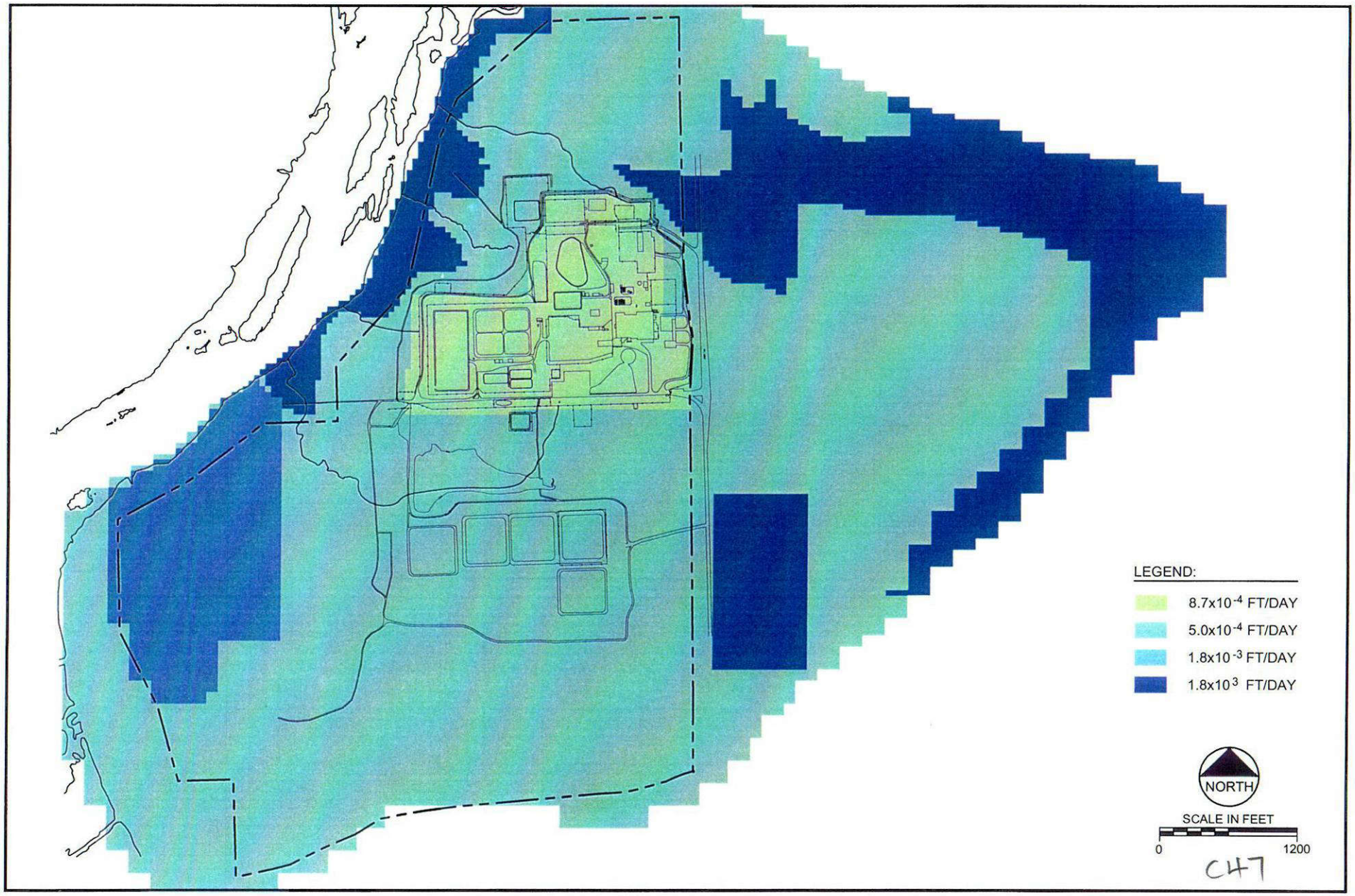

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FIGURE 8-9
LAYER 1
RECHARGE RATES

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

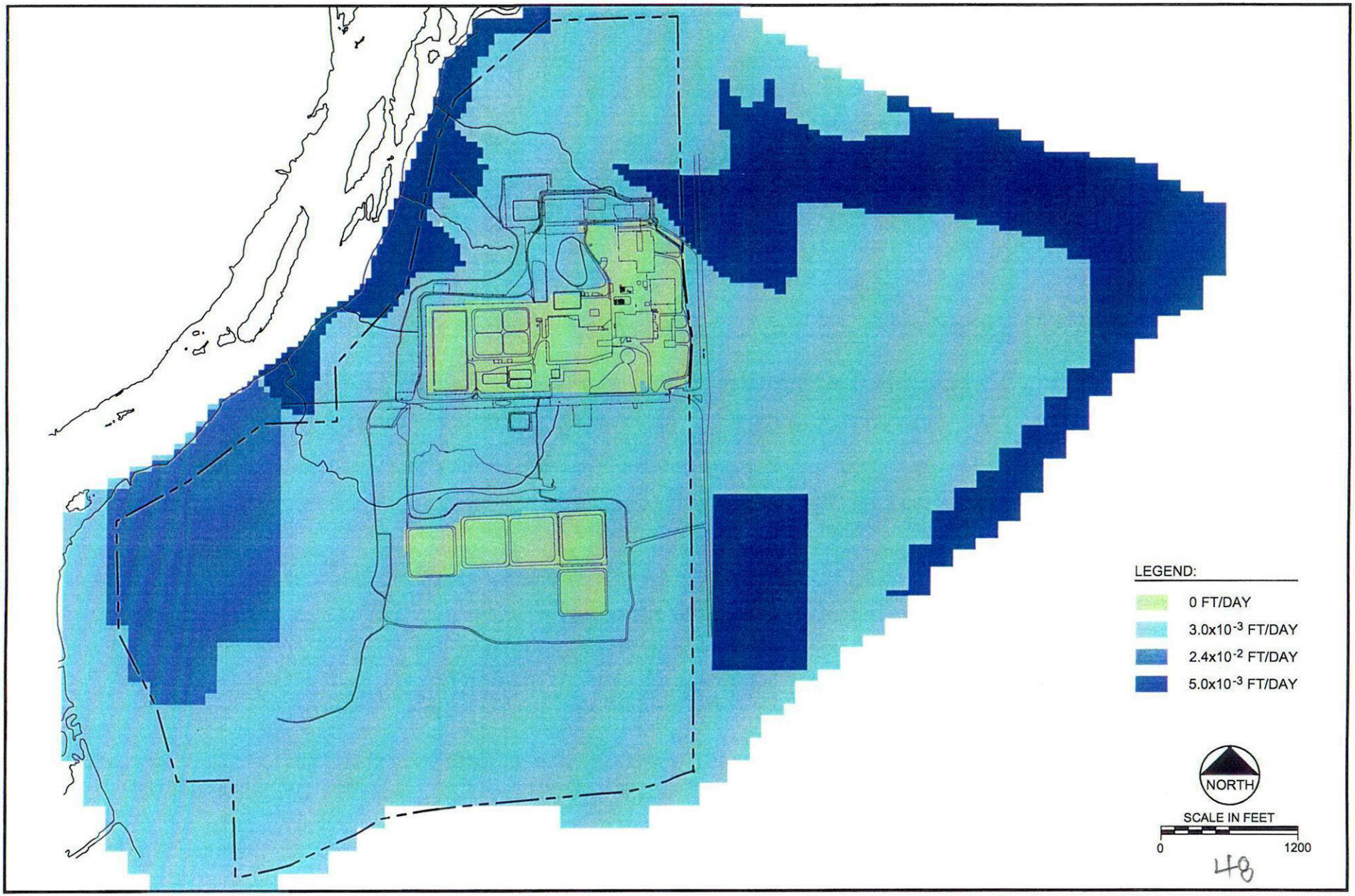

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FIGURE 8-10
LAYER 1
EVAPOTRANSPIRATION RATES

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

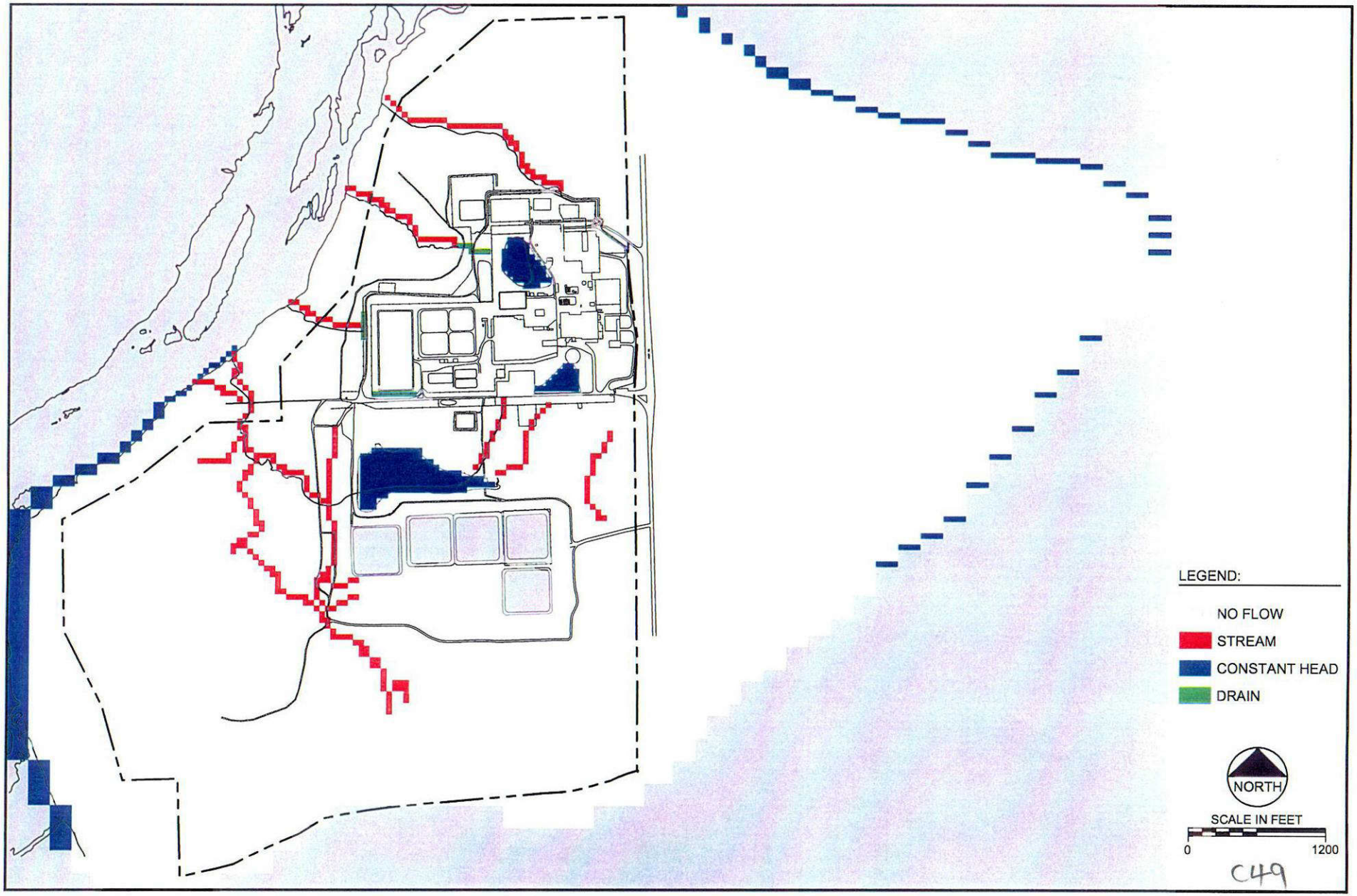

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FIGURE 8-11
LAYER 1
BOUNDARY CONDITIONS

Date:	OCTOBER 2002
Project:	100734\REVISED-20*\
File:	BND-COND.dwg

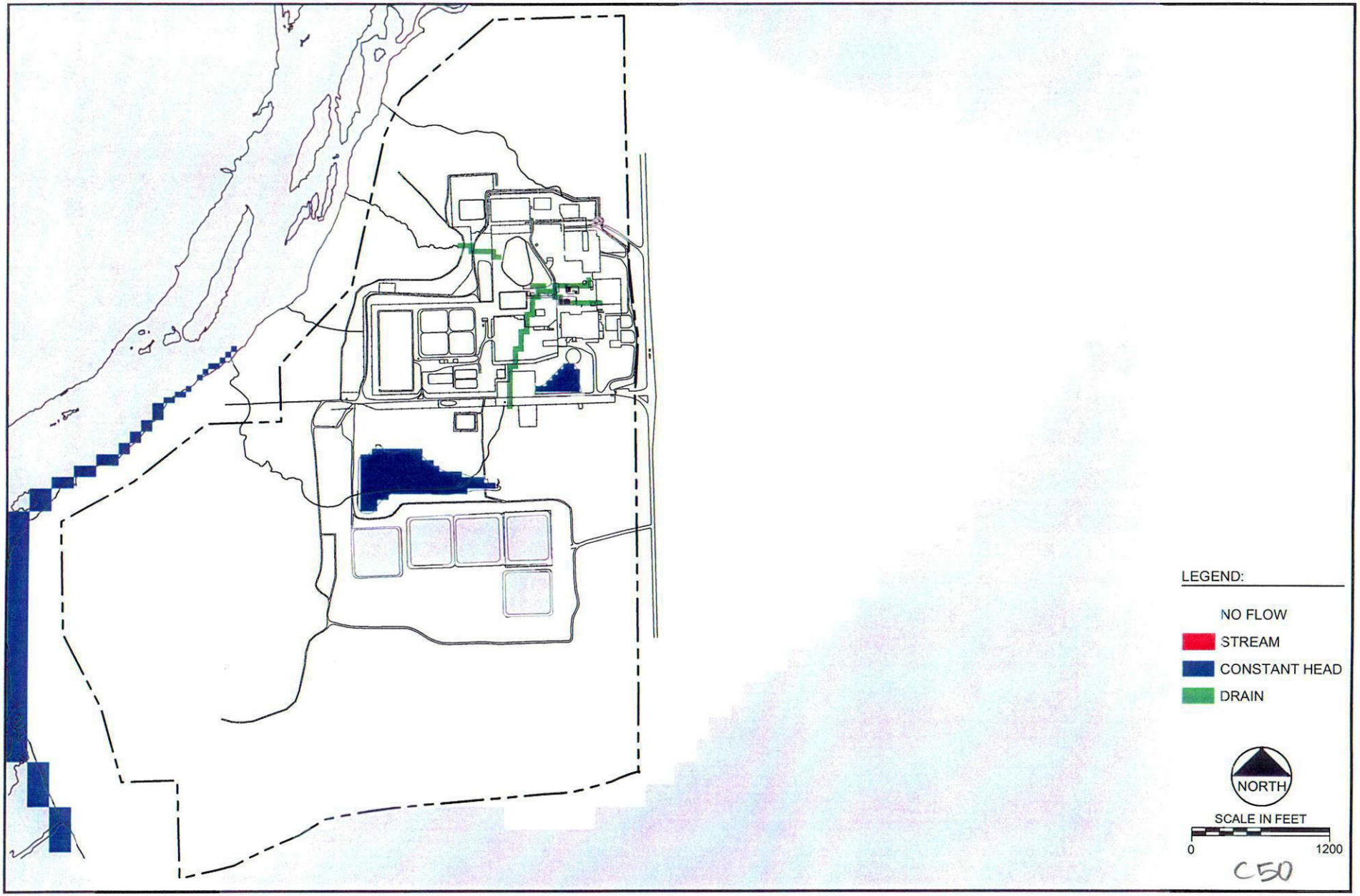

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FIGURE 8-12
LAYER 2
BOUNDARY CONDITIONS

Date:	OCTOBER 2002
Project:	100734\REVISED-20*\
File:	BND-COND.dwg

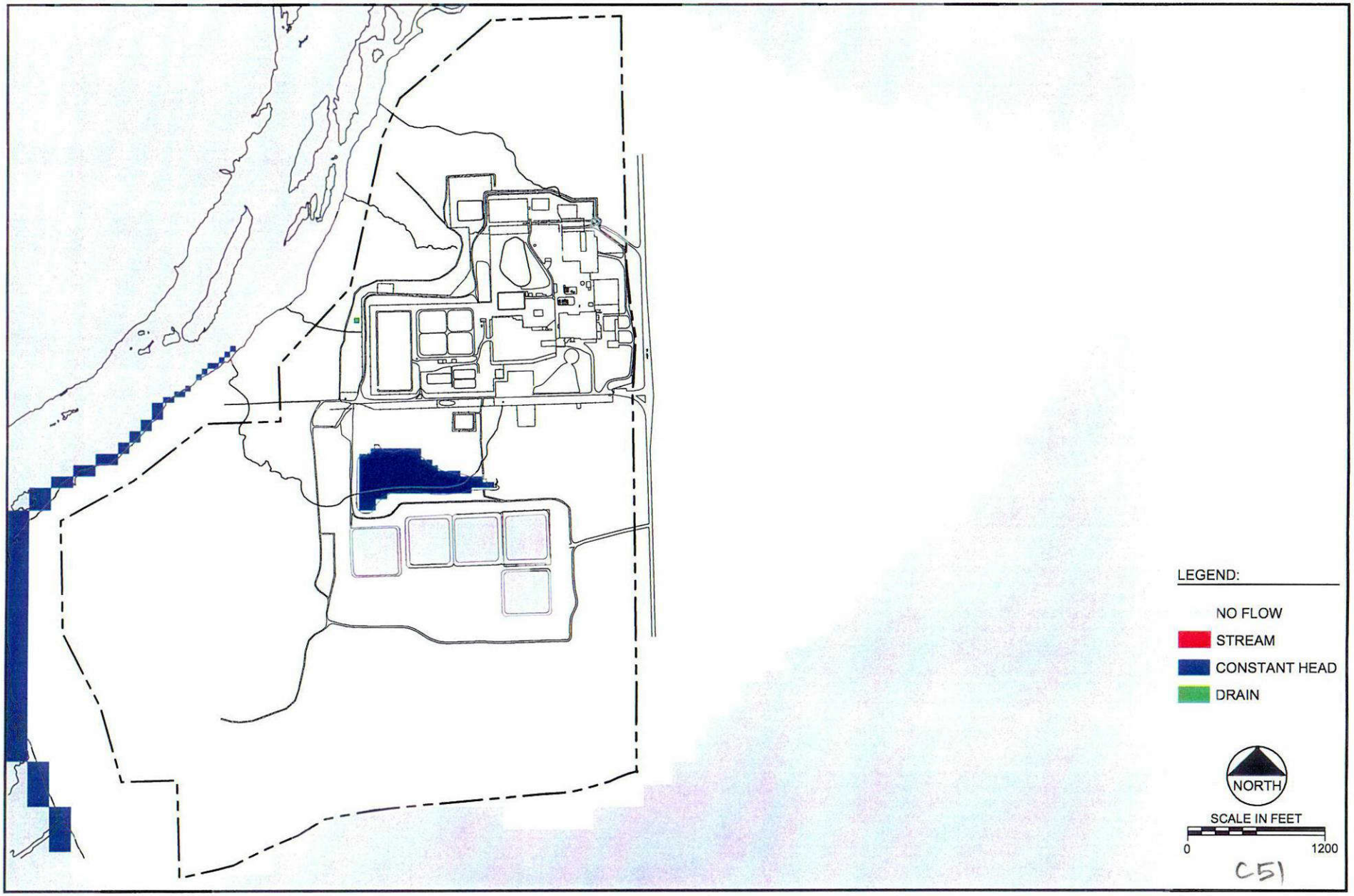

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FIGURE 8-13
LAYER 3
BOUNDARY CONDITIONS

Date:	OCTOBER 2002
Project:	100734\REVISED-20*\
File:	BND-COND.dwg

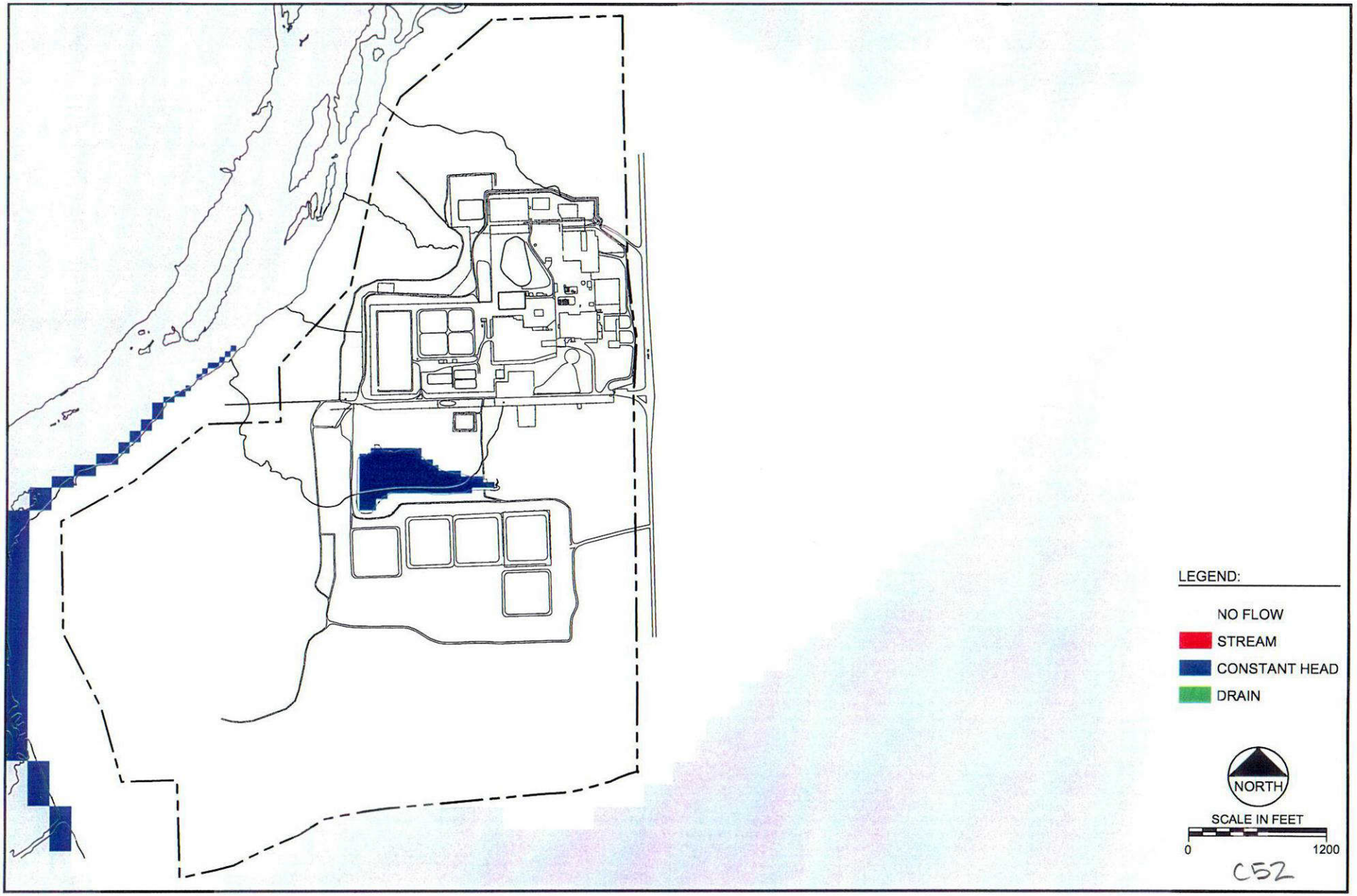

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FIGURE 8-14
LAYER 4
BOUNDARY CONDITIONS

Date:	OCTOBER 2002
Project:	100734\REVISED-20*\
File:	BND-COND.dwg

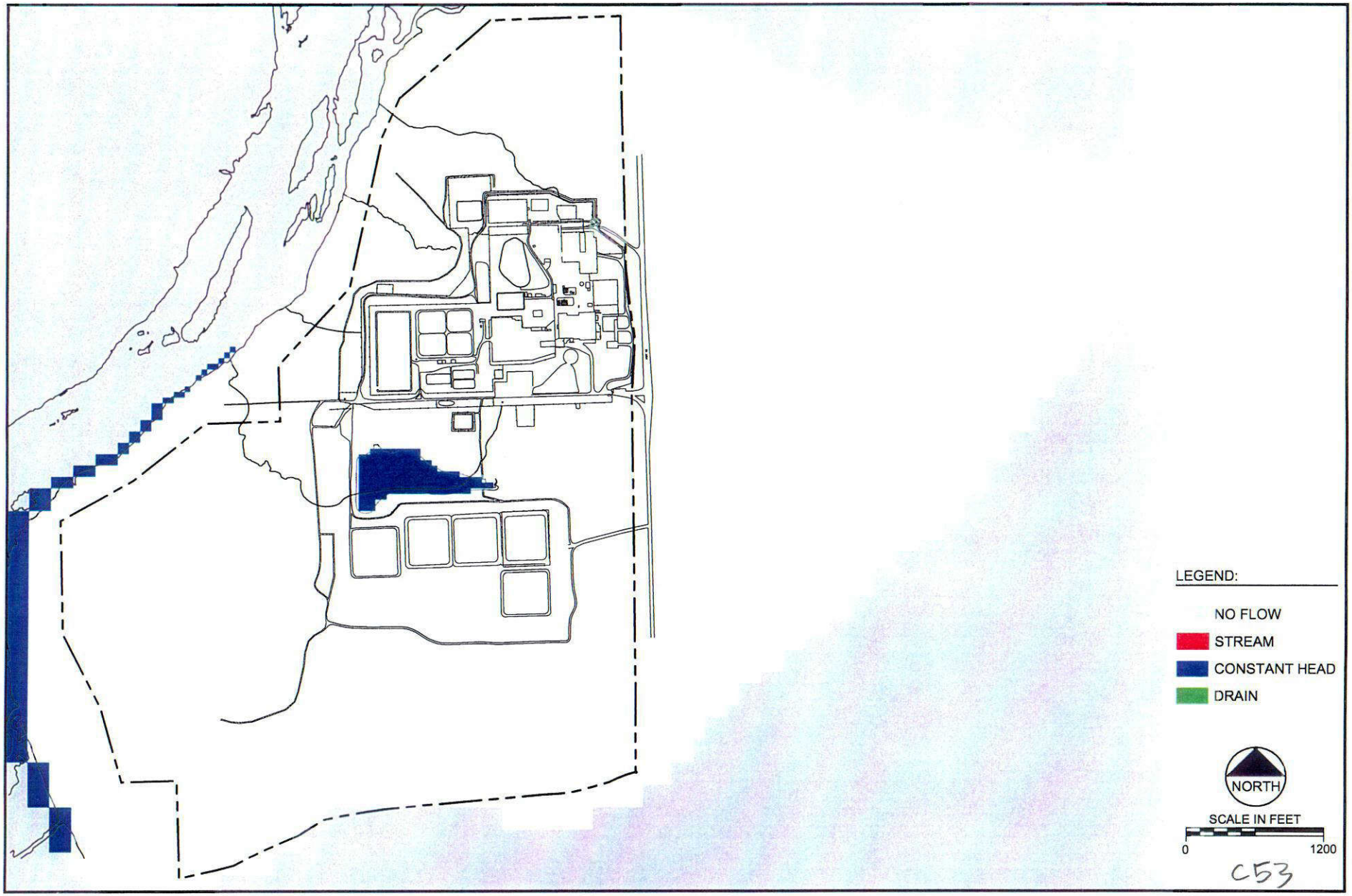

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FIGURE 8-15
LAYER 5
BOUNDARY CONDITIONS

Date:	OCTOBER 2002
Project:	100734\REVISED-20*\
File:	BND-COND.dwg

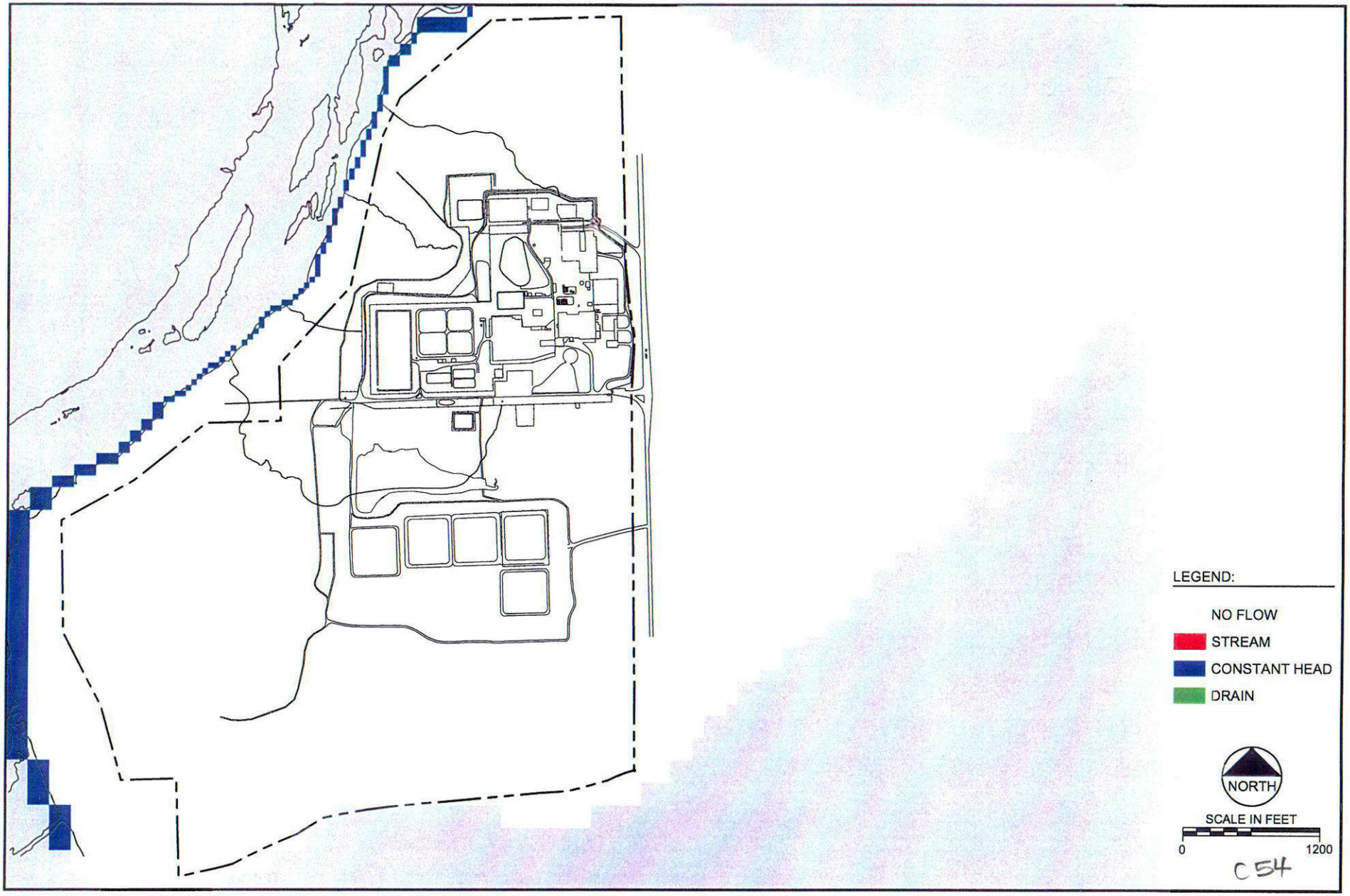

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FIGURE 8-16
LAYER 6
BOUNDARY CONDITIONS

Date:	OCTOBER 2002
Project:	100734\REVISED-20*\
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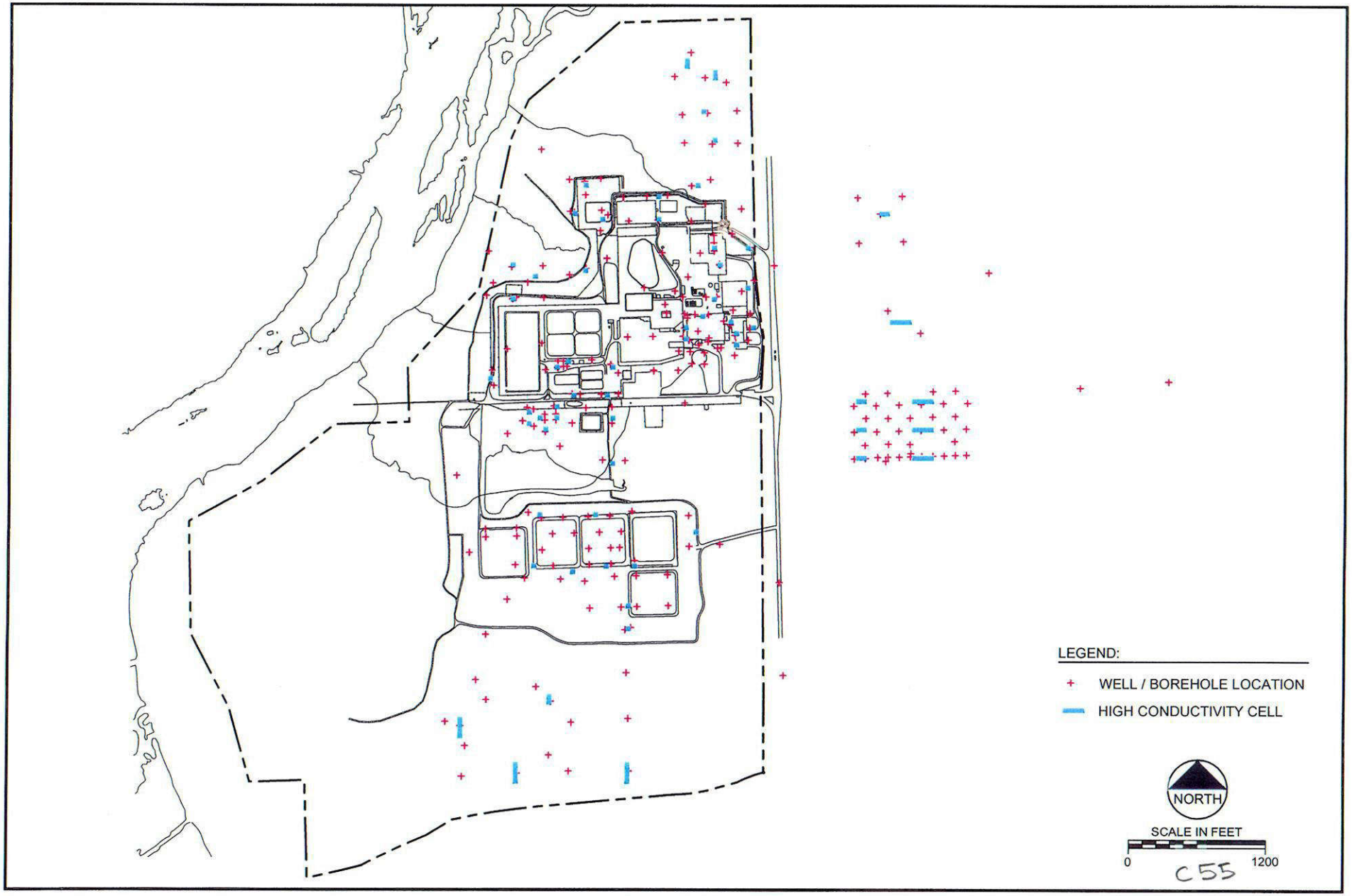

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FIGURE 8-17
LOCATION OF
HIGH CONDUCTIVITY CELLS

Date:	OCTOBER 2002
Project:	100734\REVISED-20*\
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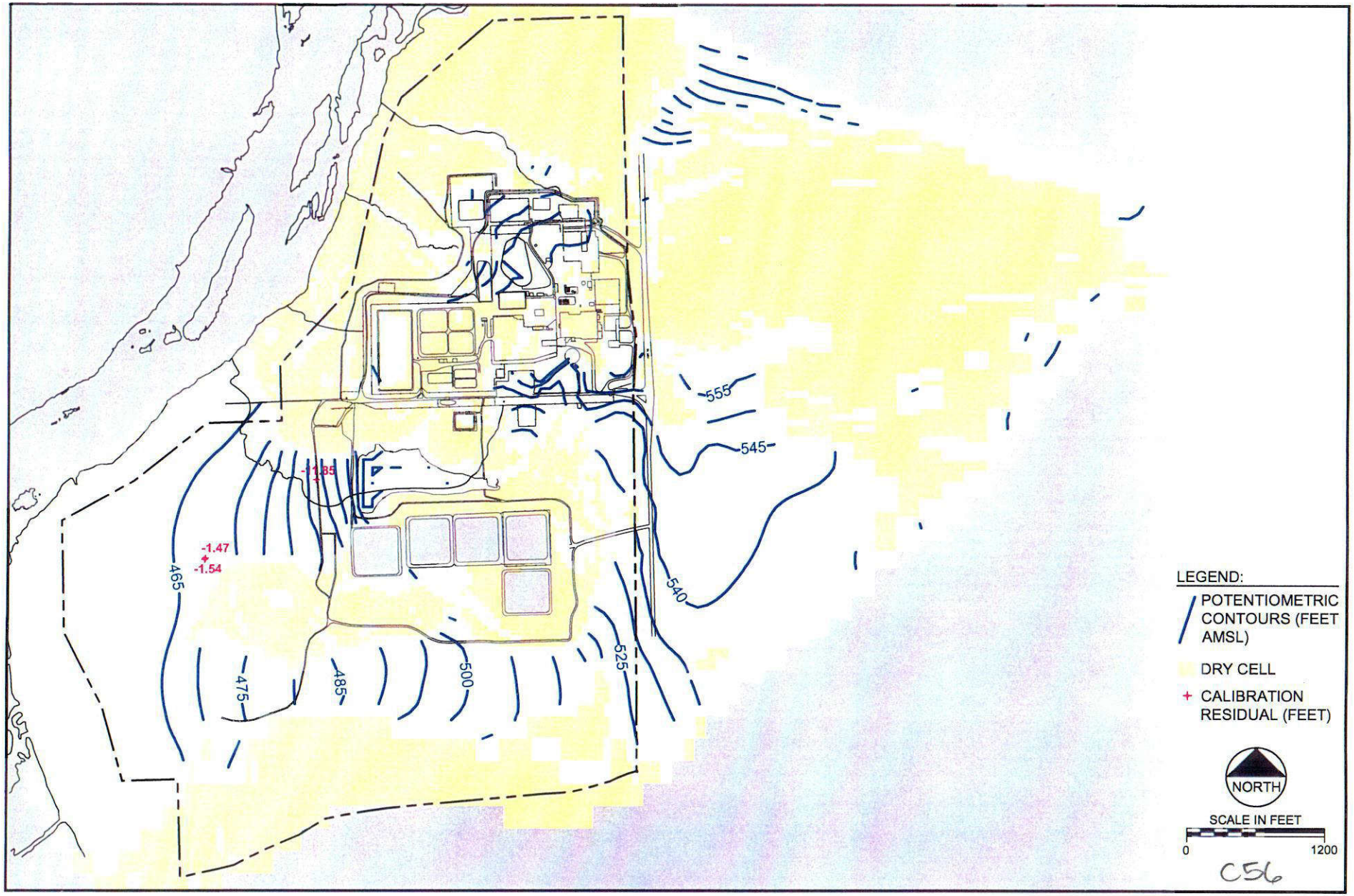

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FIGURE 8-18
LAYER 1
CALIBRATED HEADS

Date:	OCTOBER 2002
Project:	100734\REVISED-20*\
File:	CAL-HEADS.dwg

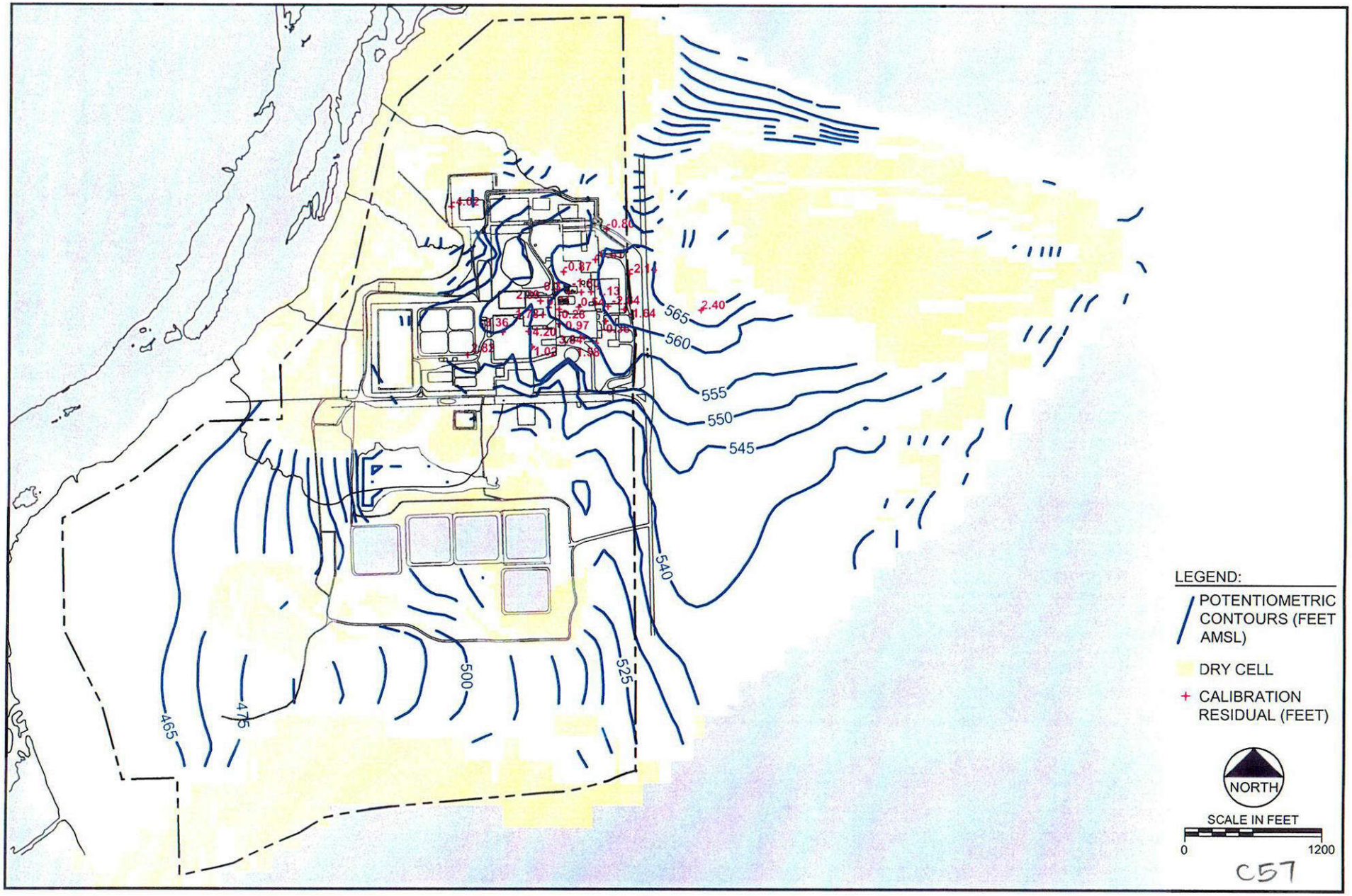

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FIGURE 8-19
LAYER 2
CALIBRATED HEADS

Date:	OCTOBER 2002
Project:	100734\REVISED-20*\
File:	CAL-HEADS.dwg

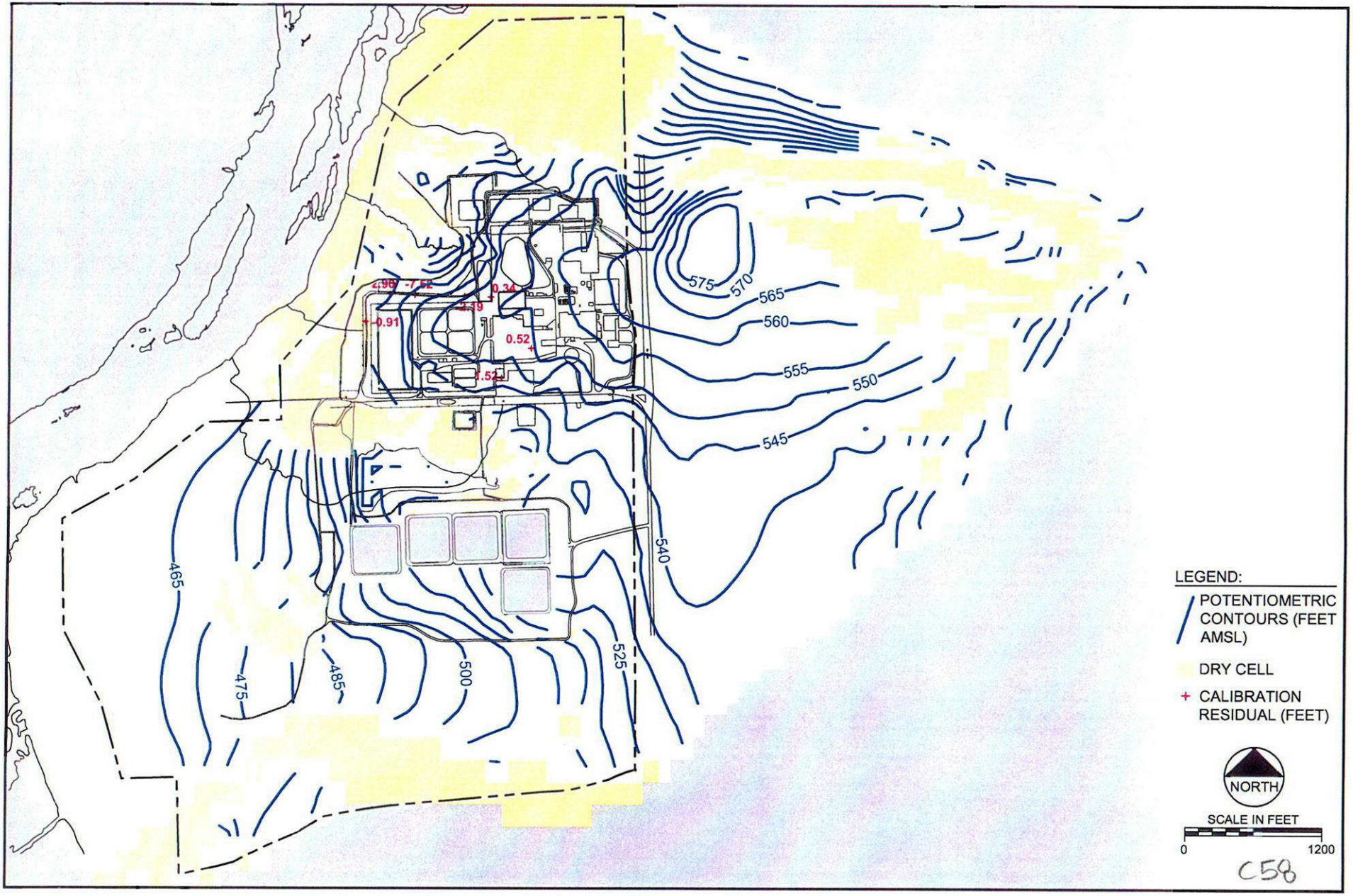

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FIGURE 8-20
LAYER 3
CALIBRATED HEADS

Date:	OCTOBER 2002
Project:	100734\REVISED-20*\
File:	CAL-HEADS.dwg