

# Figures



engineers  
 scientists  
 architects  
 constructors

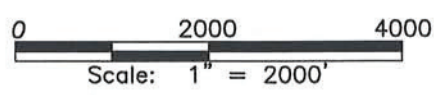
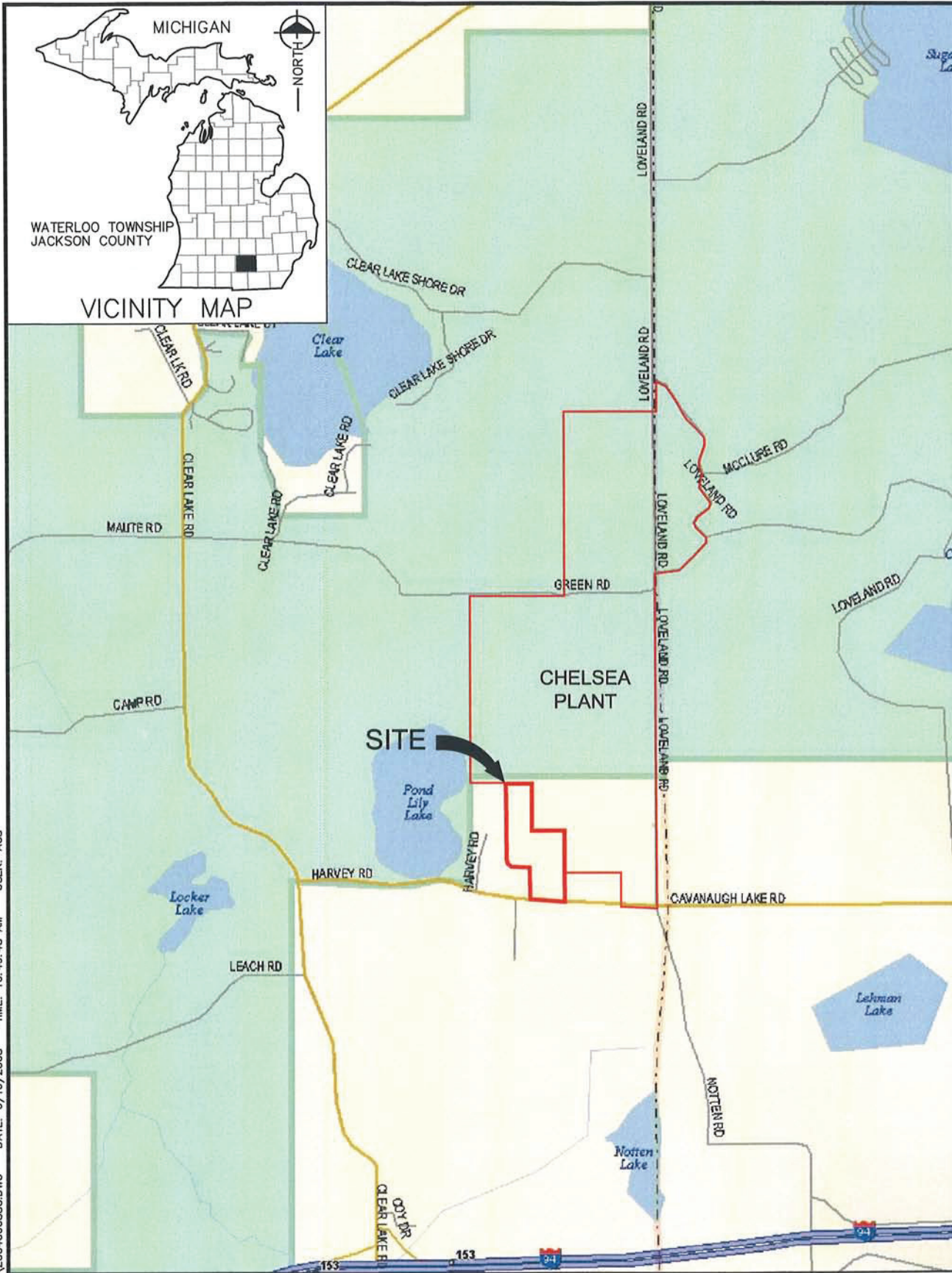
fishbeck, thompson,  
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 Waterloo Twp., Jackson County, Michigan  
**Hydrogeologic Review**  
 Waterloo Twp. Special Use Permit Application

PROJECT NO.  
 G06088C  
 FIGURE NO.

1



REFERENCE:  
 DeLORME STREET ATLAS  
 USA - 2006

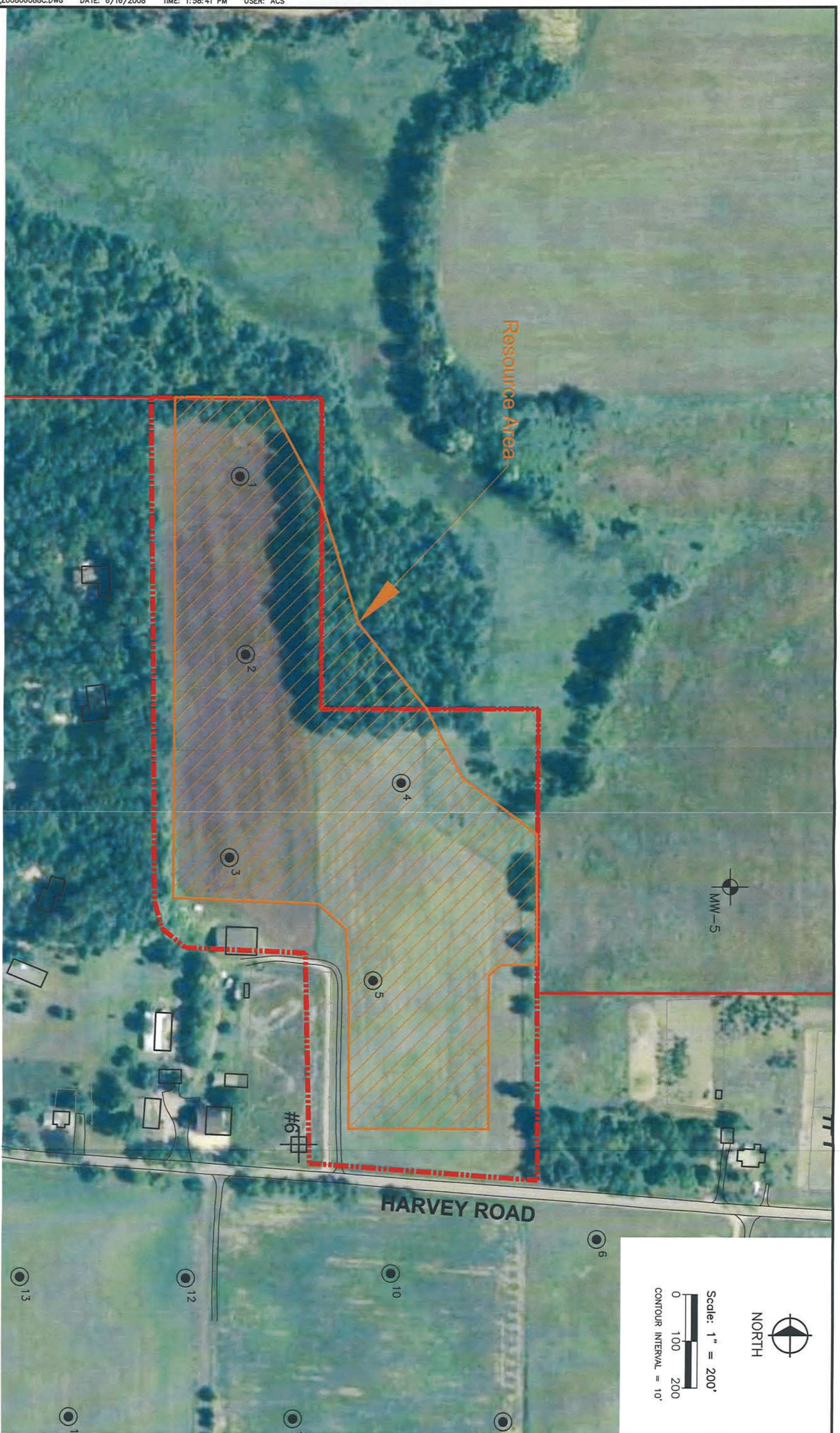
**SITE LOCATION MAP**

U:\CADD\06088\RASTER\LOCATION.JPG  
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2005 AERIAL PHOTOGRAPH OBTAINED FROM USDA  
 BASE MAP PROVIDED BY AGGREGATE INDUSTRIES



- LEGEND**
- MONITORING WELL
  - SOIL BORING
  - RESIDENTIAL WATER WELL

NORTH  
 MW-5

NORTH  
 Scale: 1" = 200'  
 0 100 200  
 CONTOUR INTERVAL = 10'

**AERIAL PHOTOGRAPH WITH  
 PLANNED MINE EXPANSION AREA**

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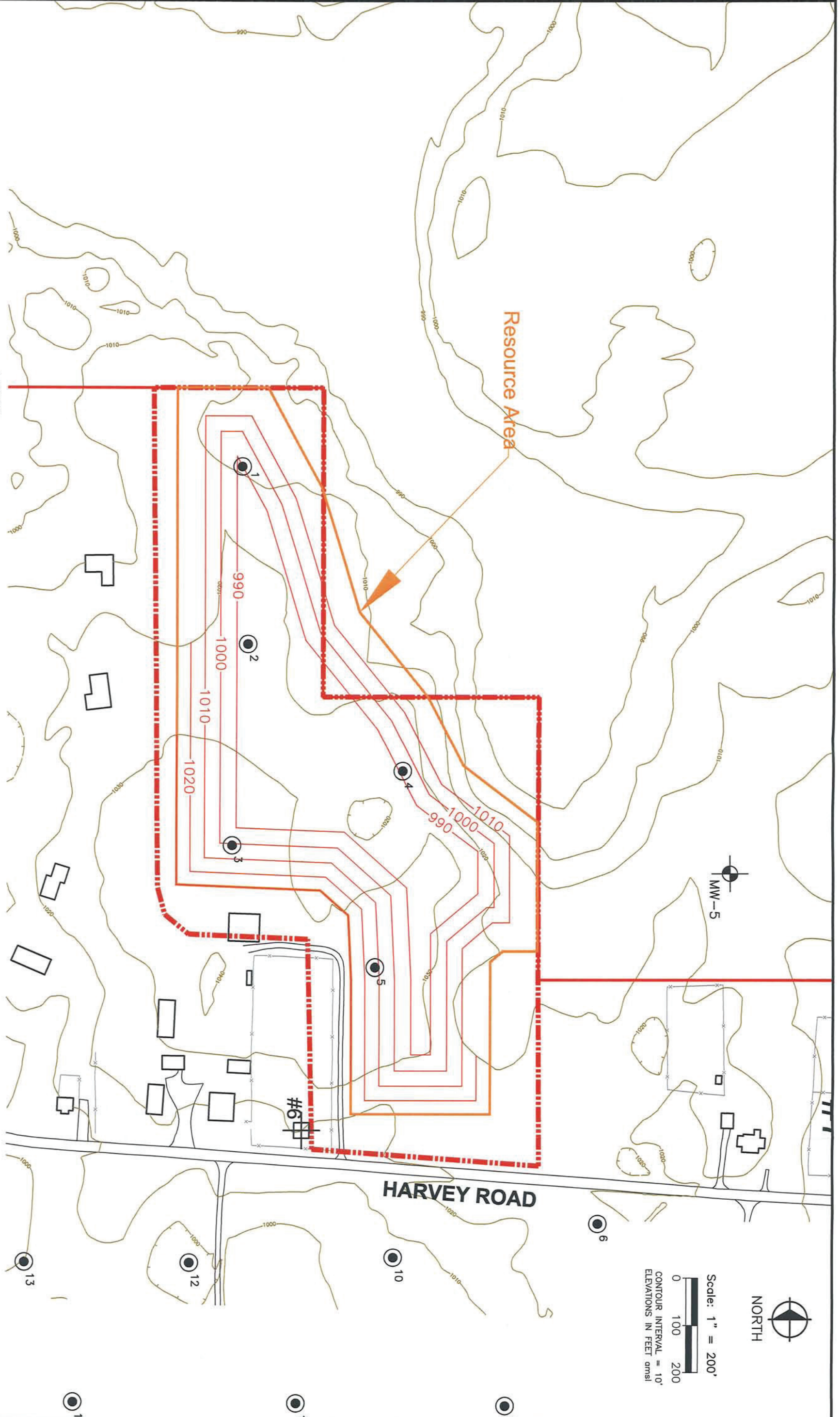
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PROJECT NO.	G06088C
FIGURE NO.	2



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- LEGEND**
- MONITORING WELL
  - SOIL BORING
  - RESIDENTIAL WATER WELL



**SITE PLAN MAP**  
 SHOWING EXISTING CONDITIONS AND  
 CONCEPTUAL EXCAVATION PLAN



Scale: 1" = 200'  
 0 100 200  
 CONTOUR INTERVAL = 10'  
 ELEVATIONS IN FEET amsl

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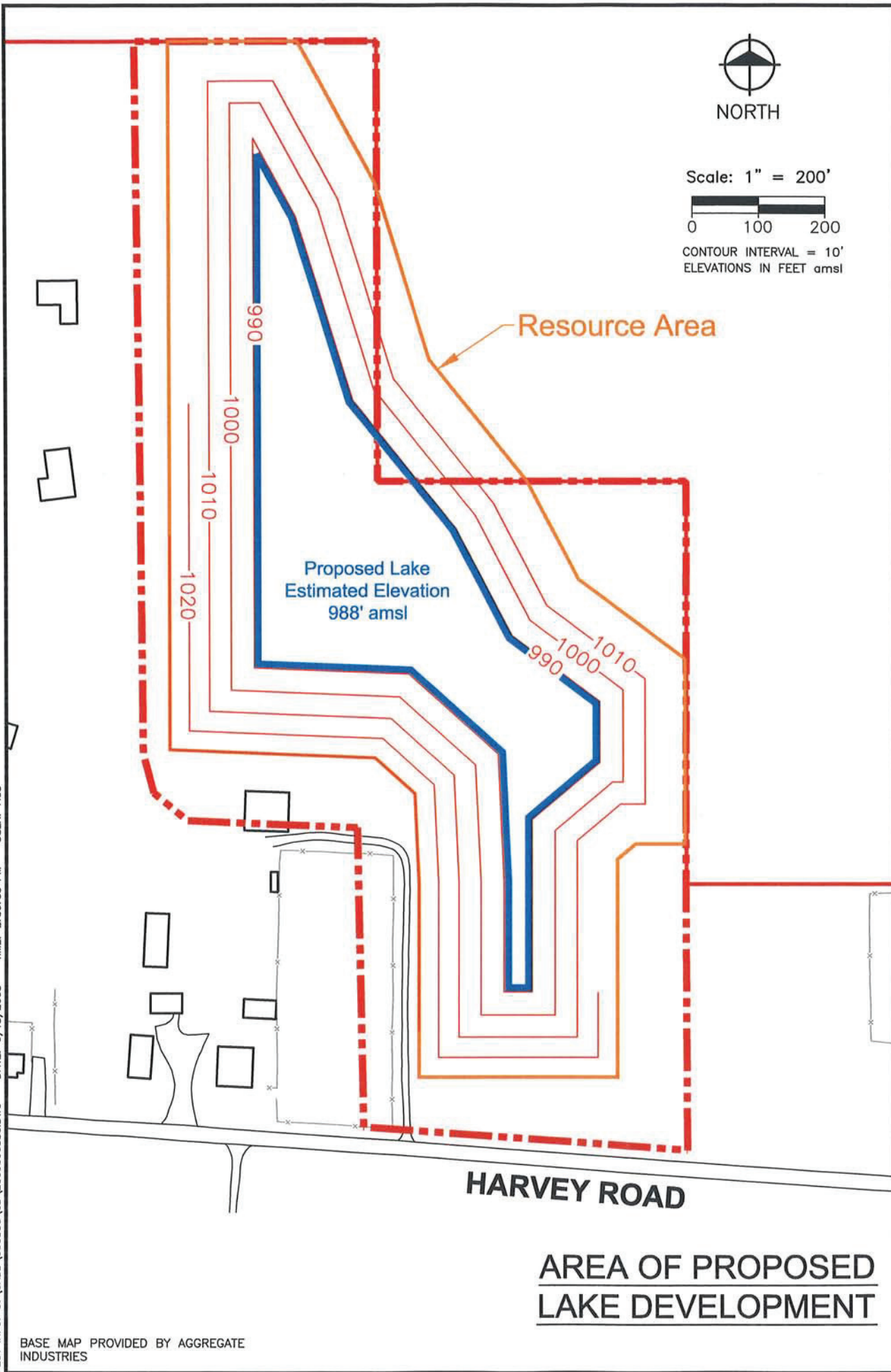
PROJECT NO.  
 G06088C  
 FIGURE NO.  
**3**

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M: \CUSTUM\ACAU2005\SYMBOLS\B-11X1\DWG R: \06088\CHELSEA1.JPG  
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Scale: 1" = 200'  
0 100 200  
CONTOUR INTERVAL = 10'  
ELEVATIONS IN FEET amsl

Resource Area

Proposed Lake  
Estimated Elevation  
988' amsl

HARVEY ROAD

# AREA OF PROPOSED LAKE DEVELOPMENT

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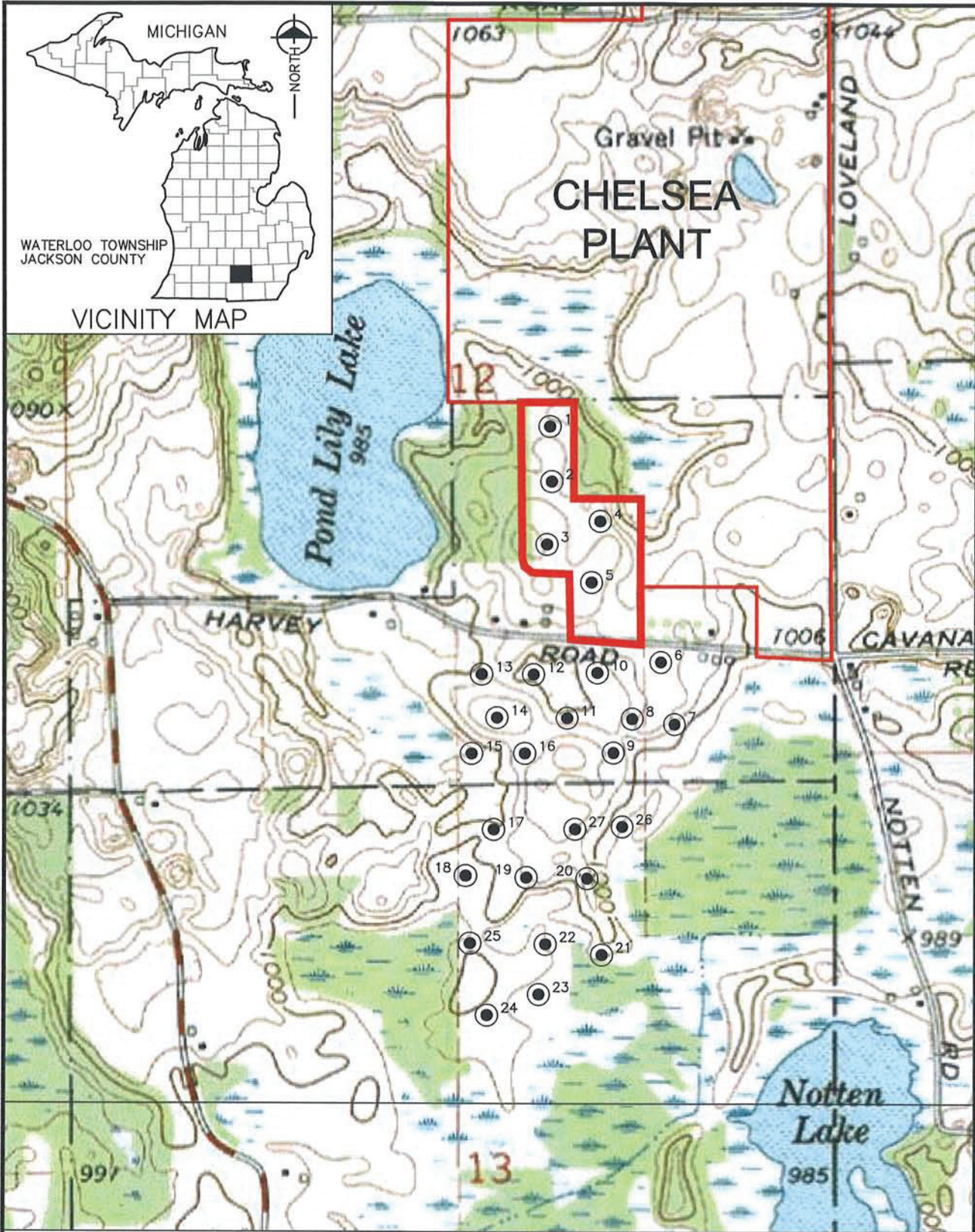
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PROJECT NO.  
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FIGURE NO.  
**4**





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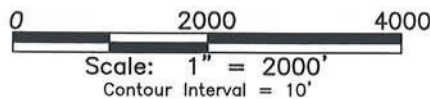
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**LEGEND**

● BORING LOCATION

REFERENCE:  
GRASS LAKE, MI  
QUADRANGLE 7.5 MINUTE  
SERIES DATED: 1973

CHELSEA, MI  
QUADRANGLE 7.5 MINUTE  
SERIES DATED: 1973



**AGGREGATE INDUSTRIES**  
**BORING LOCATION MAP**

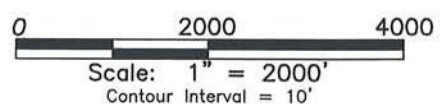
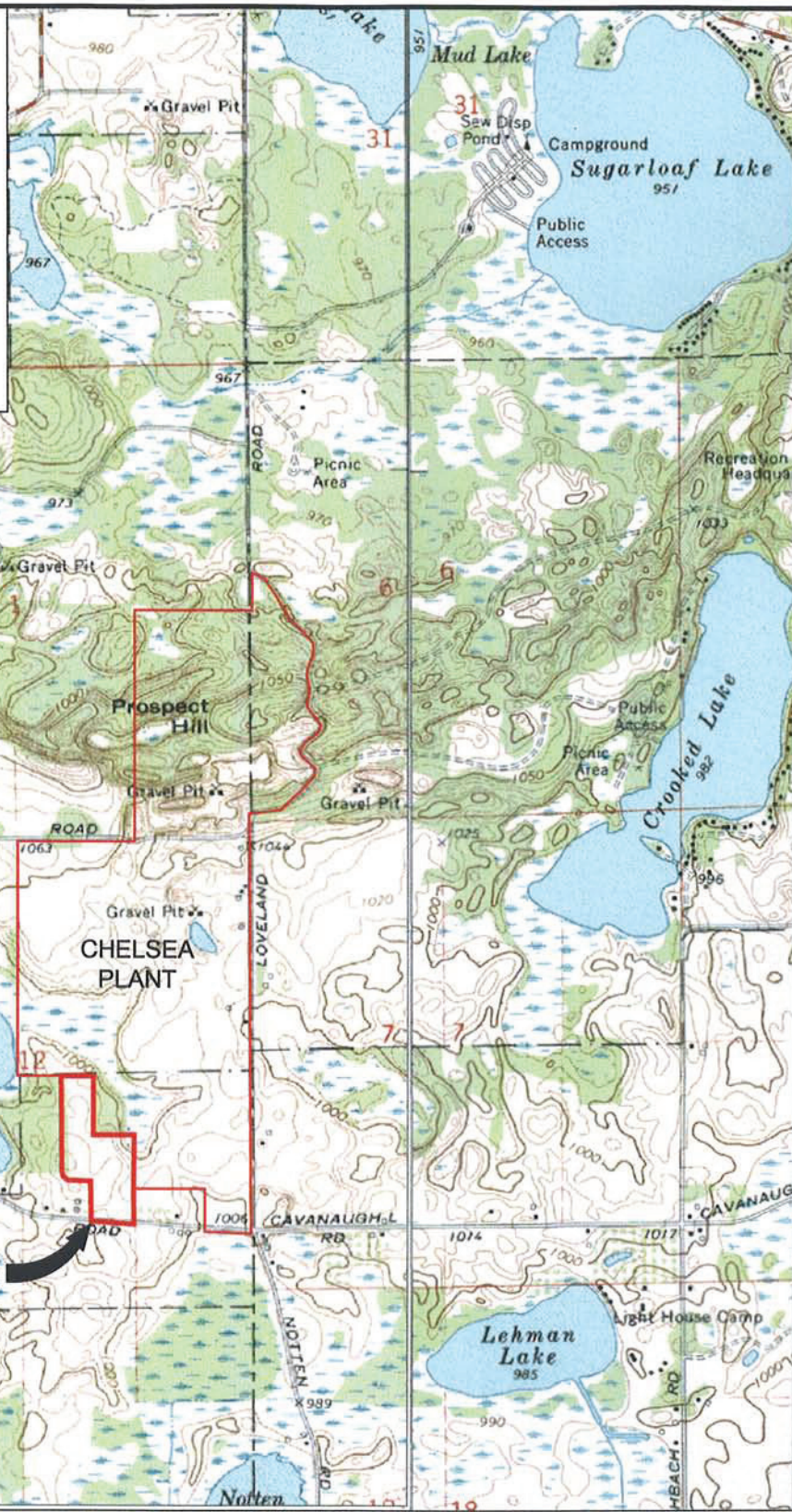
PROJECT NO.

G06088C

FIGURE NO.

**5**





REFERENCE:  
GRASS LAKE, MI  
QUADRANGLE 7.5 MINUTE  
SERIES DATED: 1973

CHELSEA, MI  
QUADRANGLE 7.5 MINUTE  
SERIES DATED: 1973

# USGS TOPOGRAPHIC MAP

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PROJECT NO.  
G06088C  
FIGURE NO.

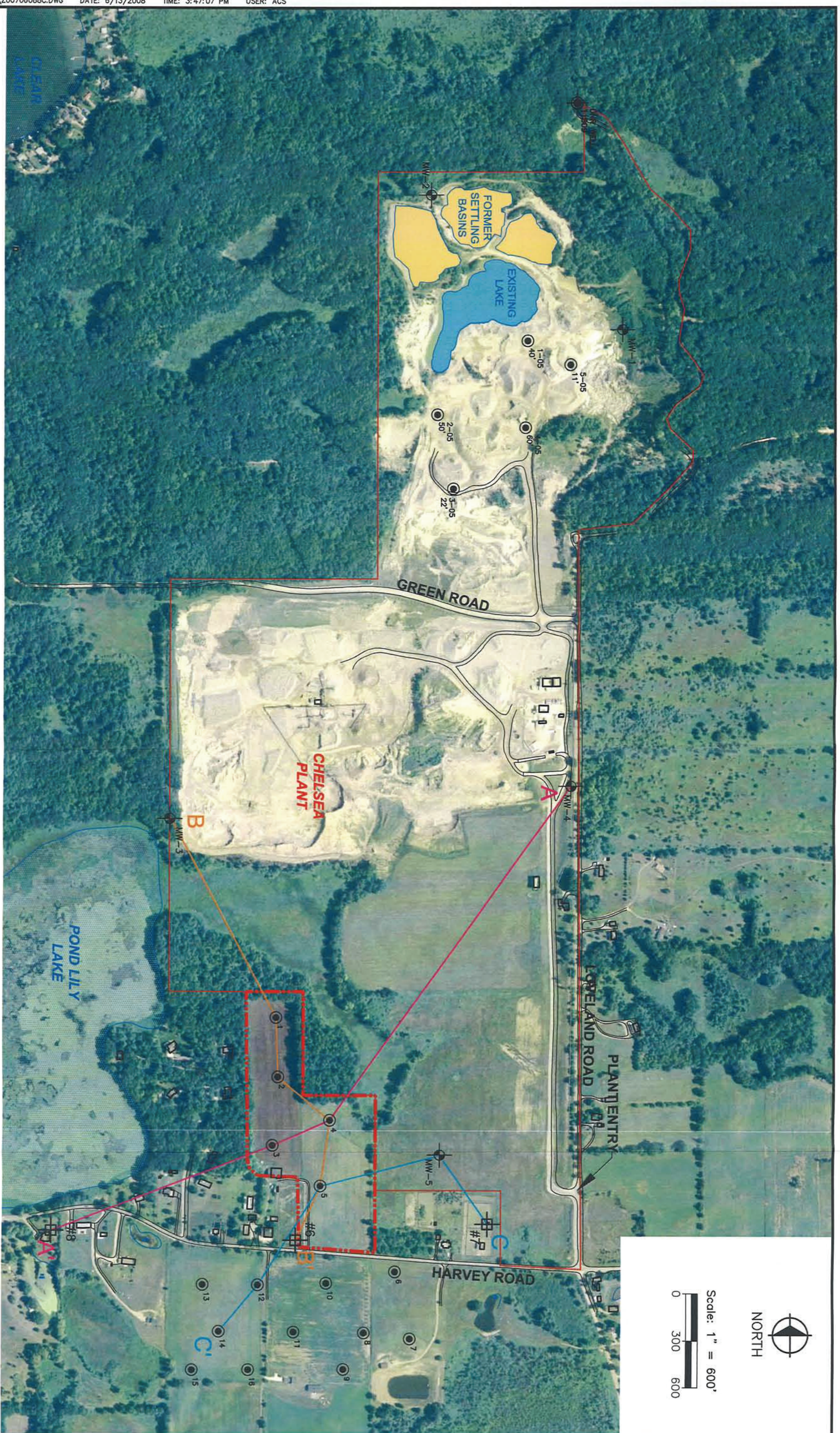
**6**

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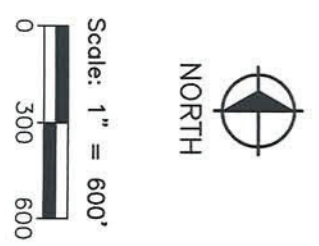


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**LEGEND**

- MONITORING WELL
- SOIL BORING
- RESIDENTIAL WATER WELL
- PROPERTY LINES



**MONITORING WELL, BORING AND  
 CROSS SECTION LOCATIONS**

PROJECT NO.	G06088C
FIGURE NO.	7

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