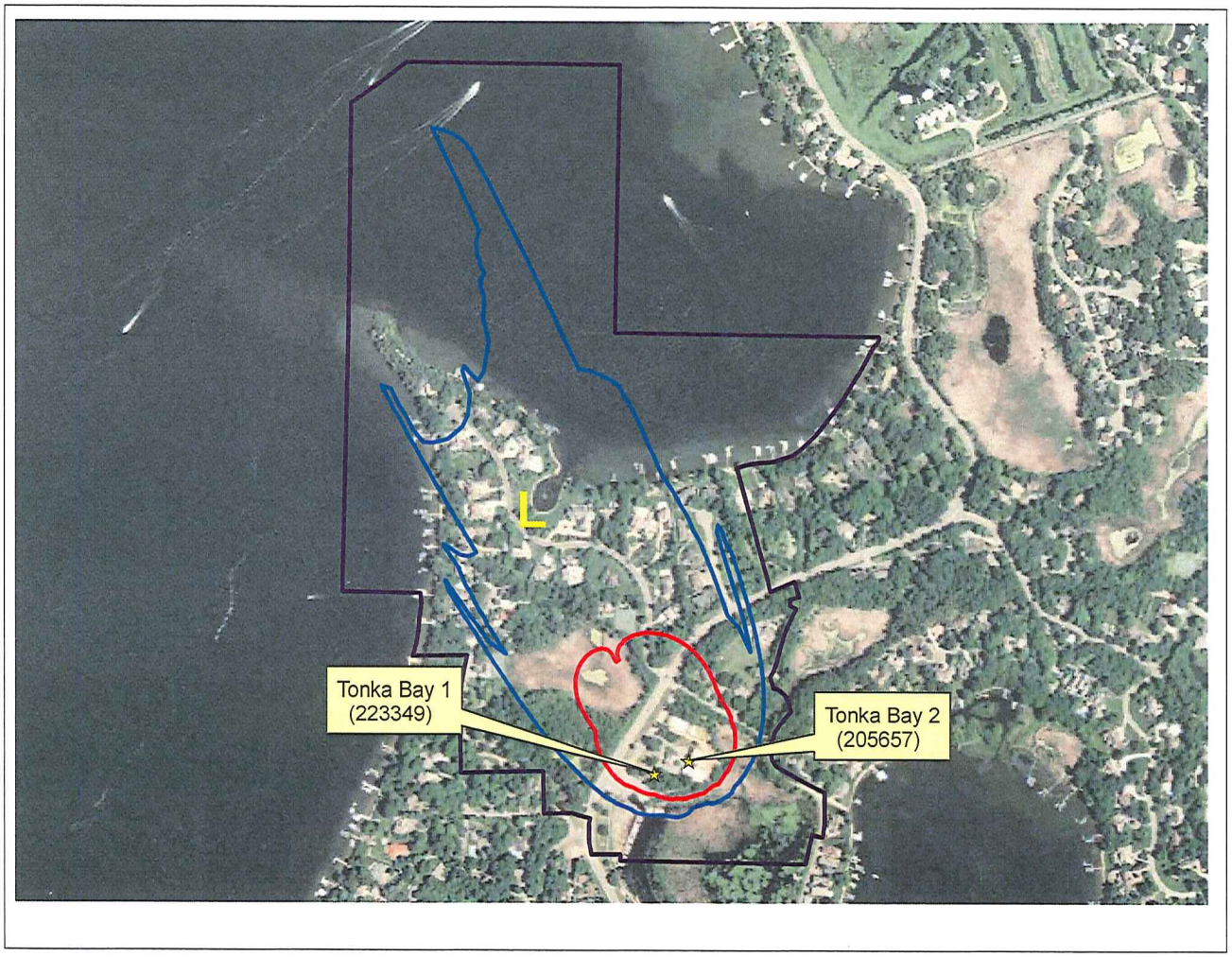
Figures



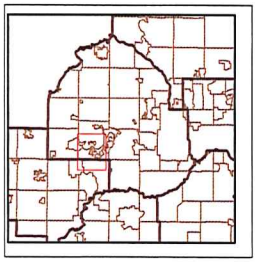
Drinking Water Supply Management Area
Emergency Response Area
Wellhead Protection Area

L: Low Vulnerability

N
W E
S

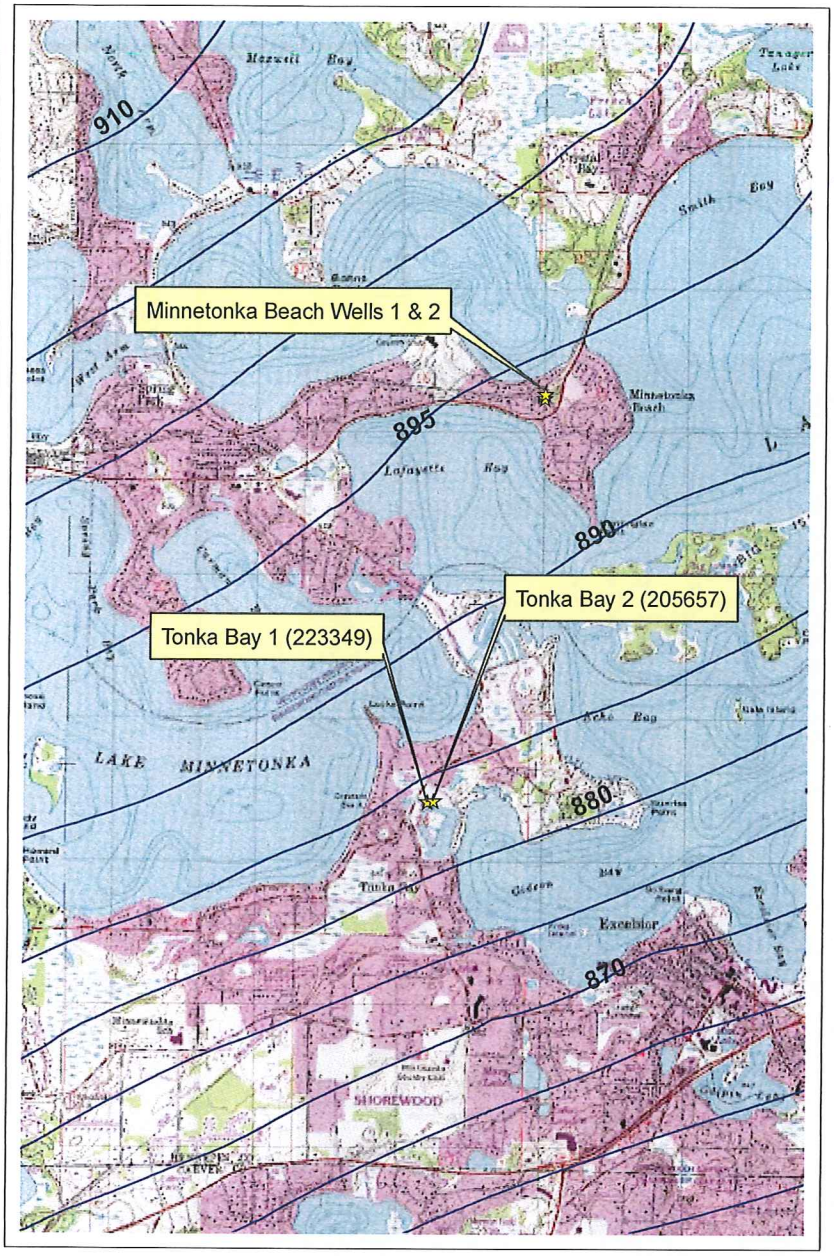
500 250 0 500 Feet

Enlarged Area



MINNESOTA MDH DEPARTMENT OF HEALTH

Figure 1
Drinking Water Supply Management Area
Wells 1 (223349) and 2 (205657)
(Tonka Bay, MN)



900 Hydraulic Head Contours (in feet above MSL)

2,400 1,200 0 2,400 Feet

Enlarged Area

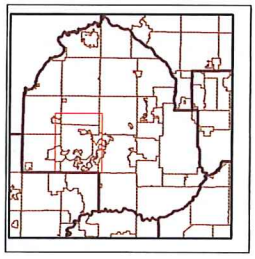


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Figure 2
Modeled Groundwater Flow Field
Jordan Sandstone Aquifer
(Tonka Bay, MN)

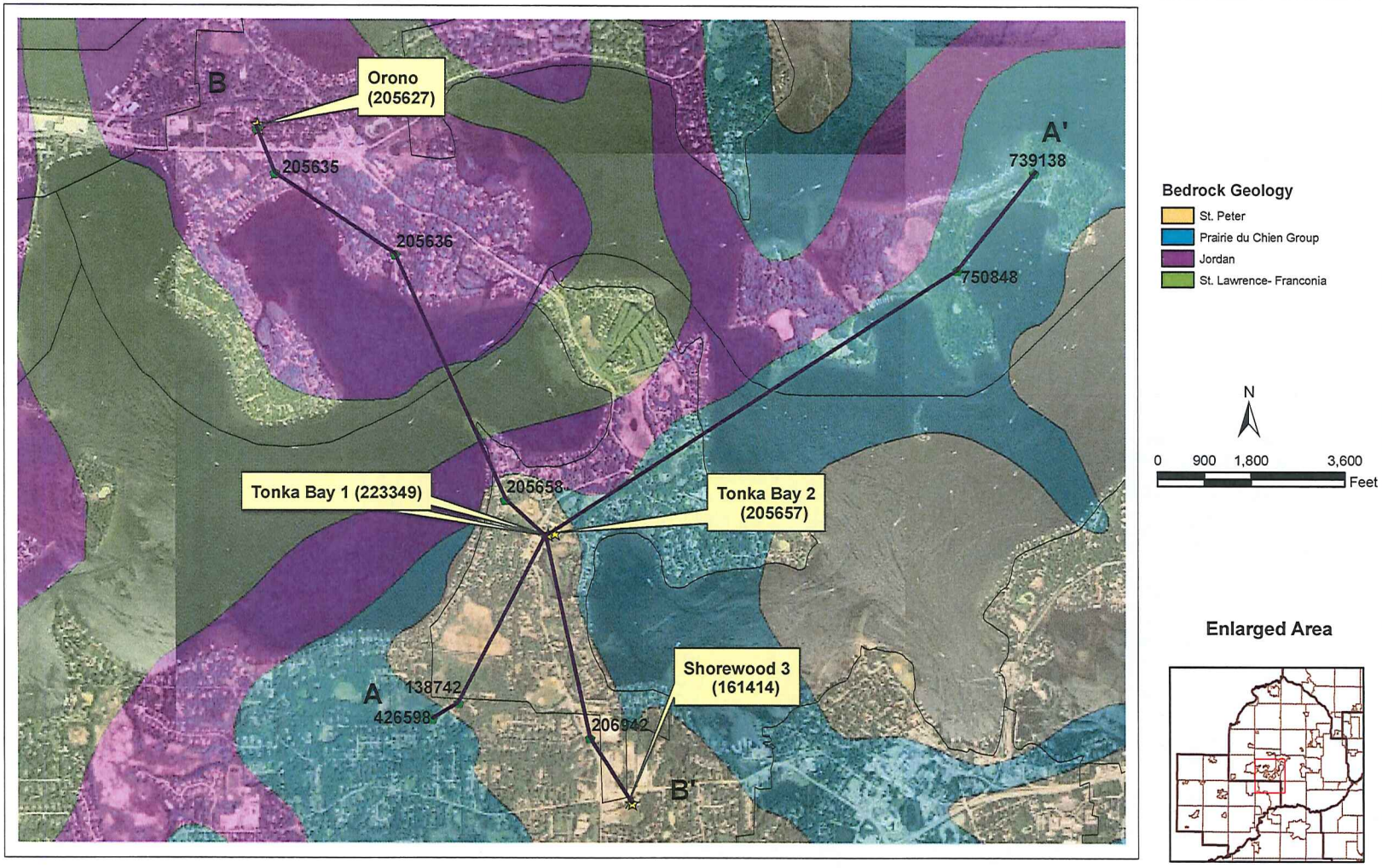

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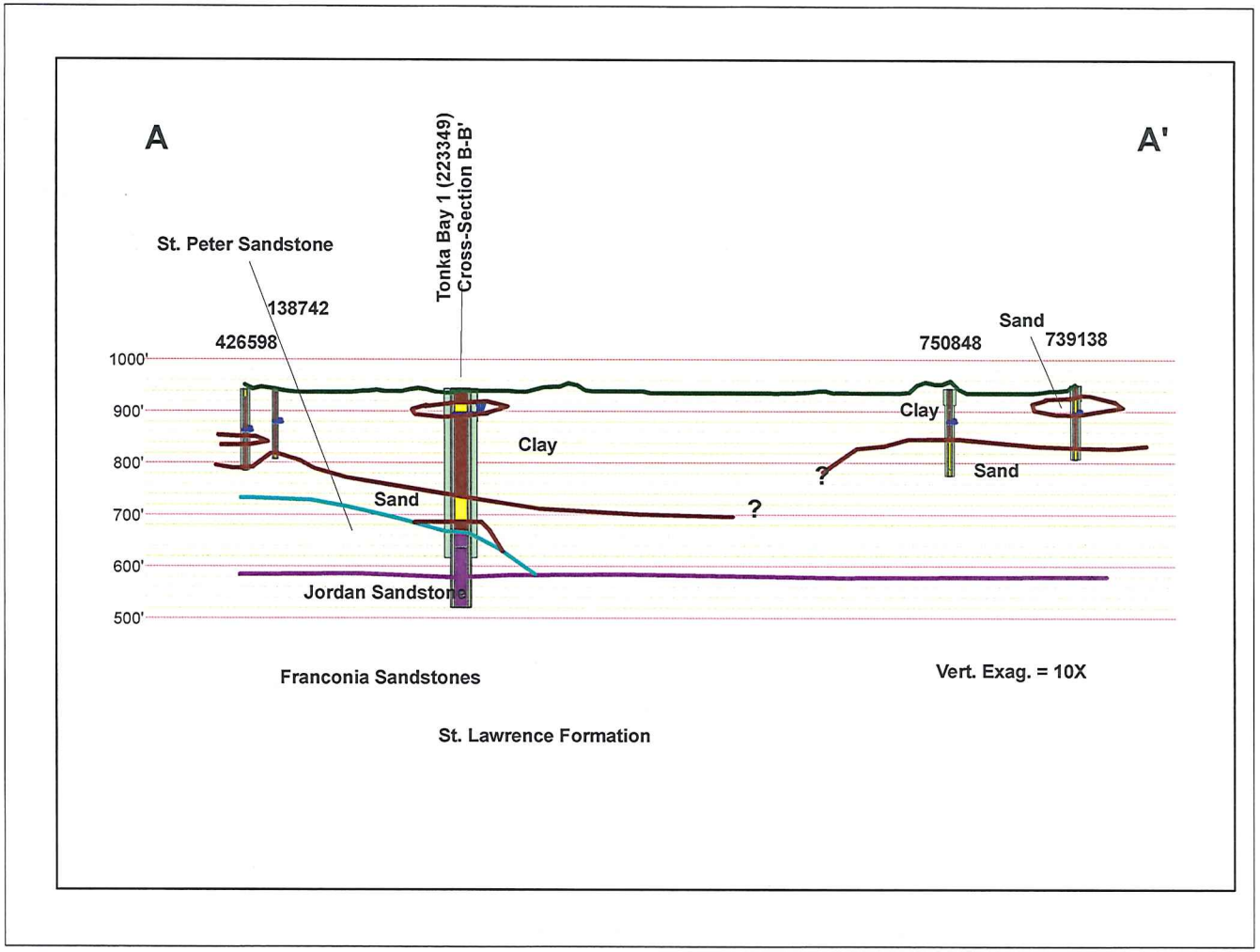
Figure 3
Geologic Cross-Section Locations
(Tonka Bay, MN)



Stratigraphy

Lithology

- Unkown
- Soil
- Clay
- Sand
- Gravel
- Sandstone

0 1,000 2,000 4,000 Feet

Enlarged Area

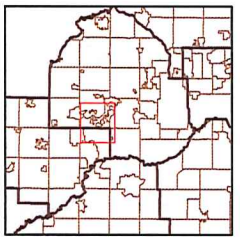


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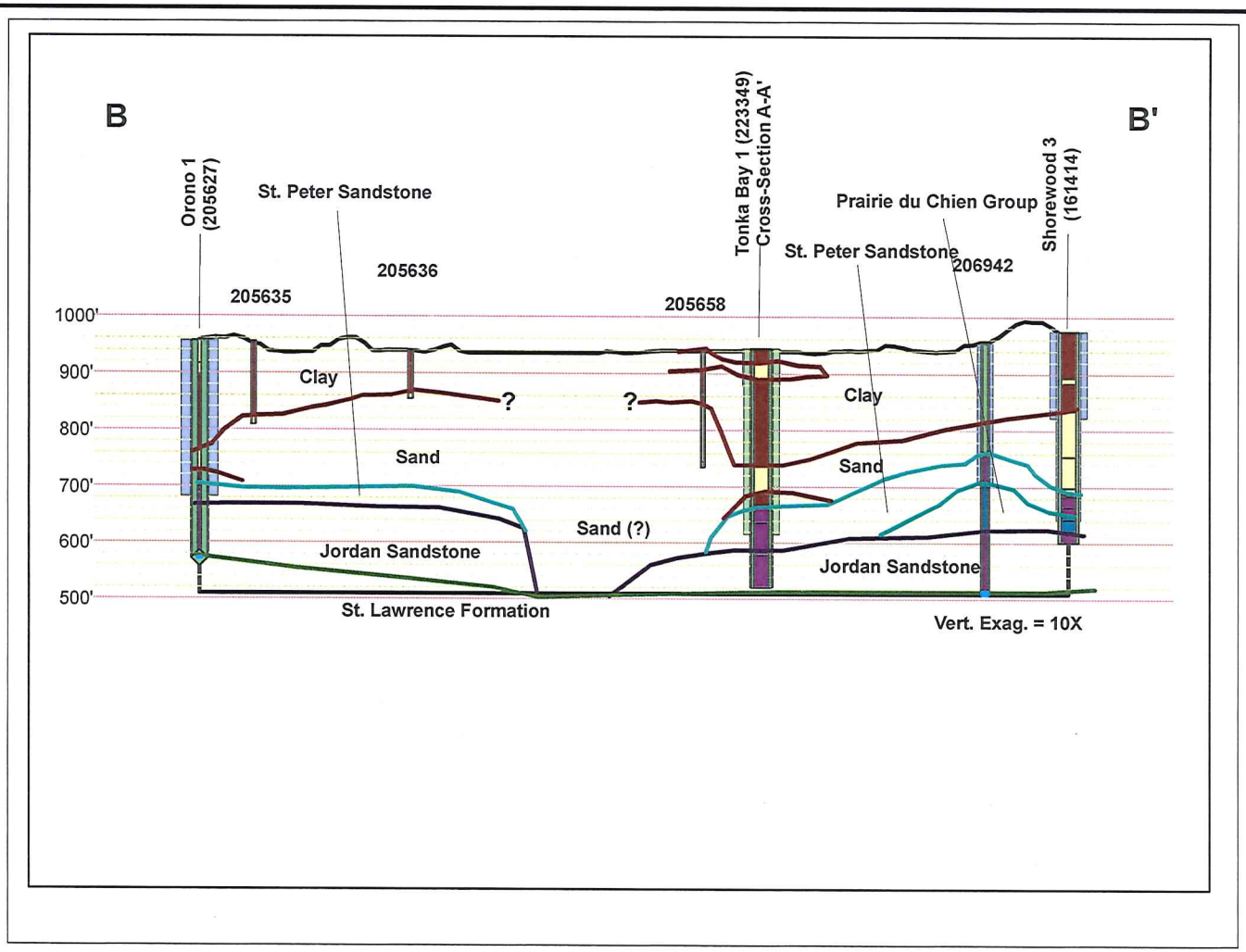
Figure 4a
Geologic Cross-Section A-A'
(Tonka Bay, MN)



Stratigraphy

Lithology

- Unkown
- Soil
- Clay
- Sand
- Gravel
- Sandstone

0 1,000 2,000 4,000 Feet

Enlarged Area

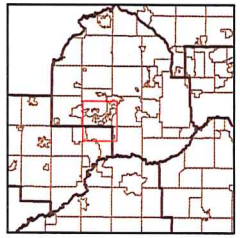


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Figure 4b
Geologic Cross-Section B-B'
(Tonka Bay, MN)

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Figure 5
Sensitivity of Capture Zone Delineation
to Hydraulic Conductivity
(Tonka Bay, MN)

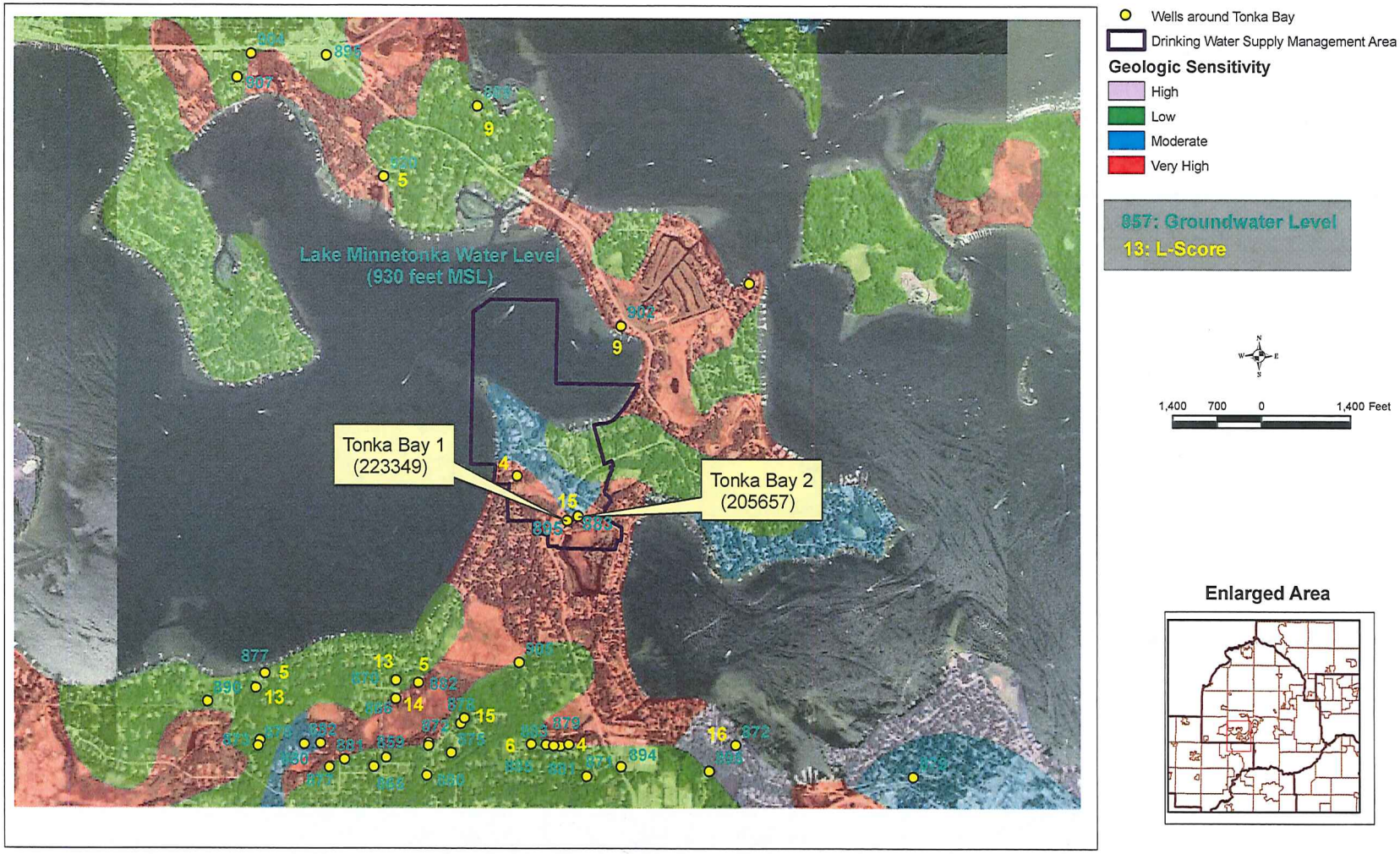

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Figure 6
Drinking Water Supply Management Area
Geologic Sensitivity
(Tonka Bay, MN)