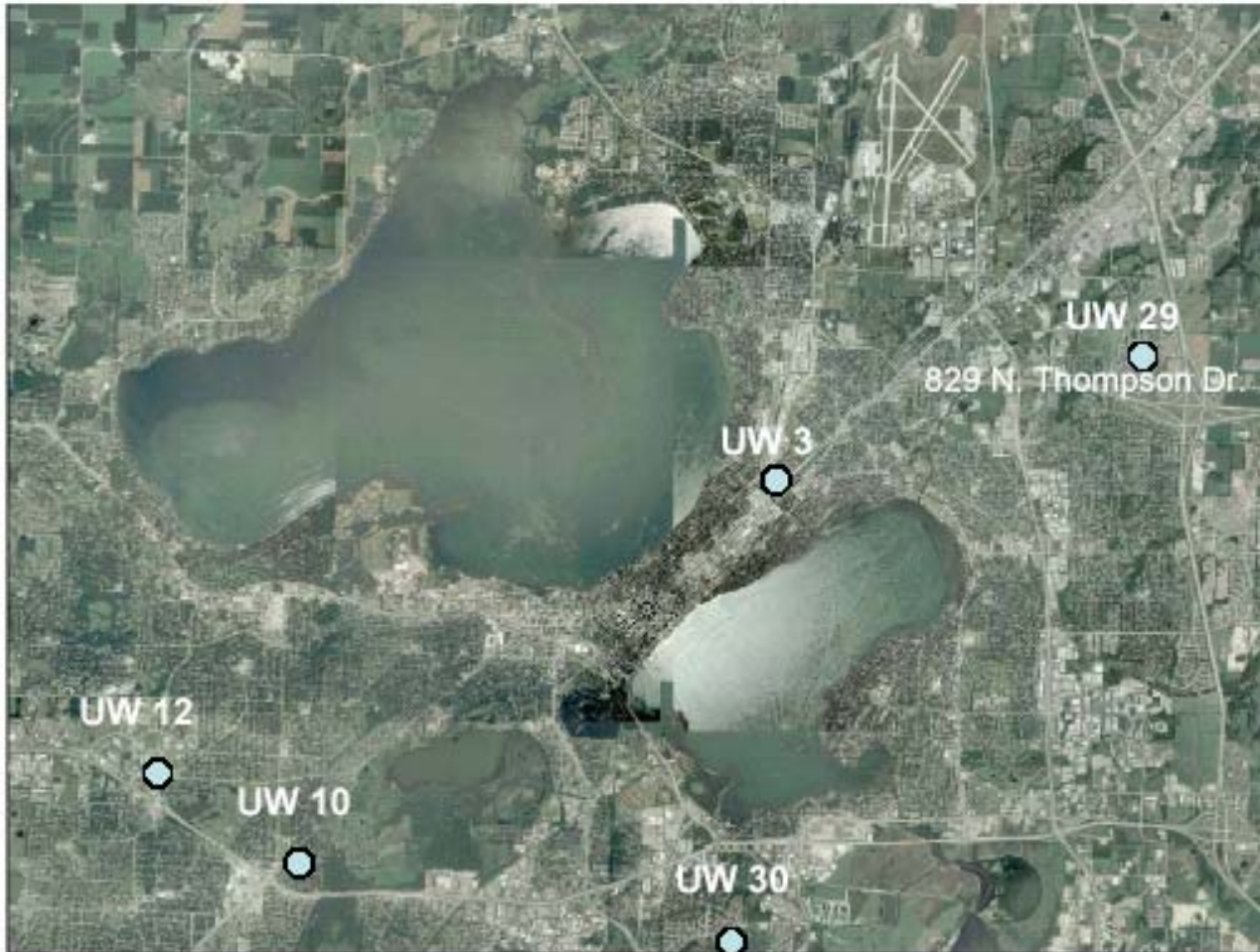
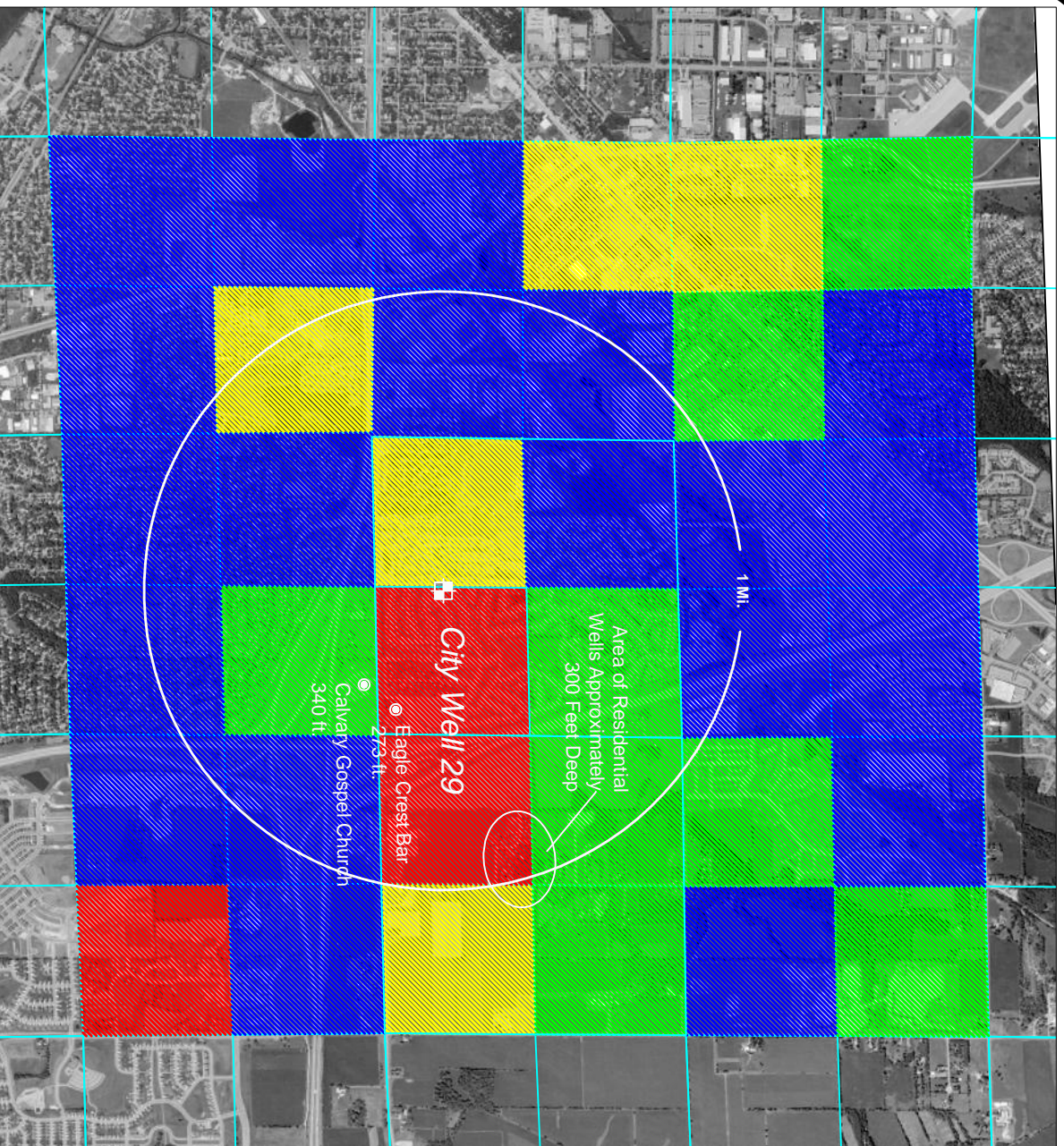
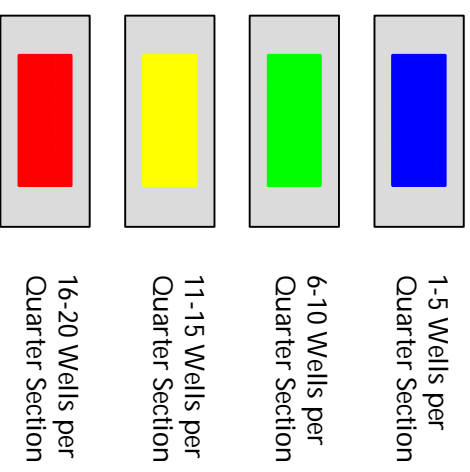


Figure 1. Location of Unit Wells 3, 10, 12, 29 and 30





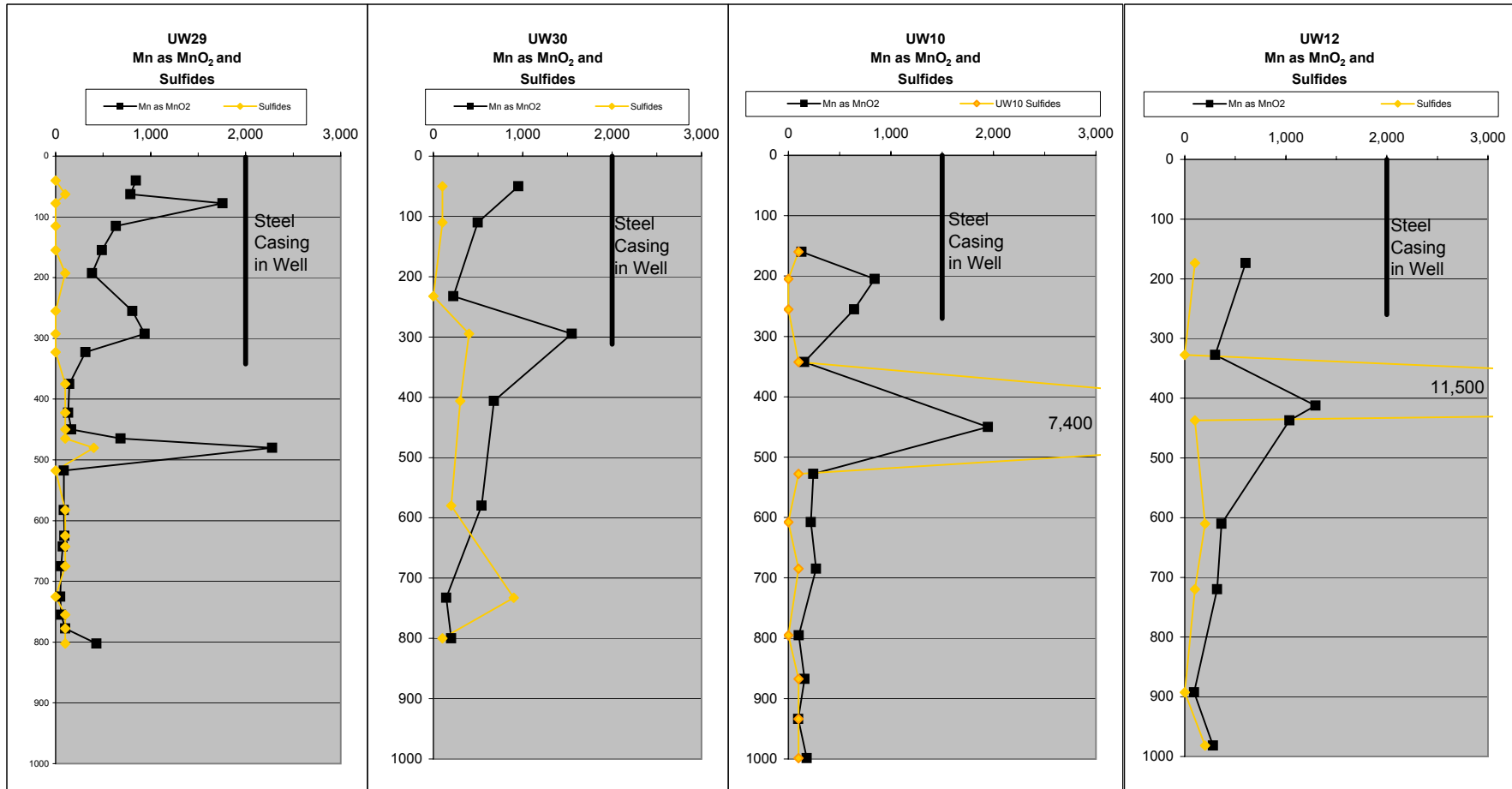
LEGEND



NOTES:

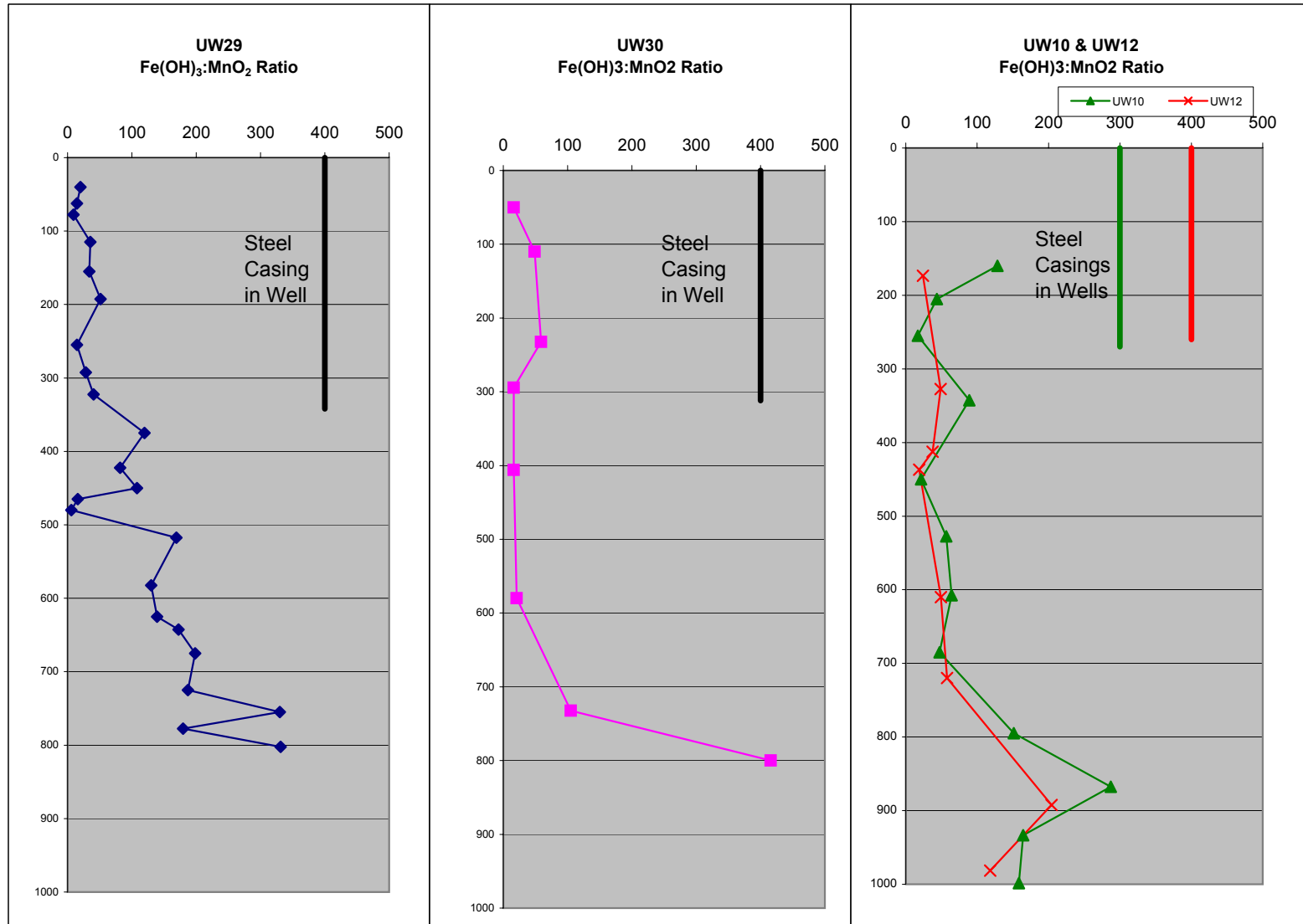
1. Well location data sources include:
 - Well Construction Forms, Wisconsin Geologic and Natural History Survey
 - Well Construction Forms, Wisconsin Department of Natural Resources
 - Water Wells Database, Wisconsin Department of Natural Resources
 - High Capacity Wells Database, Wisconsin Department of Natural Resources
2. Duplicate well occurrences were removed from the data set and are not included in the totals shown on this map
3. Several well records did not include information on quarter-section location. These include:
 - 1 well in Sec. 26 T8N R10E
 - 5 wells in Sec. 27 T8N R10E
 - 3 wells in Sec. 28 T8N R10E
 - 7 wells in Sec. 33 T8N R10E
 - 3 wells in Sec. 34 T8N R10E

Figure 3. Manganese as MnO₂ and Sulfides versus Depth



Note: These data are presented as points at the center of the interval composited. Refer to Table 2 for intervals composited.

Figure 4. Iron Hydroxides:Manganese Dioxide Ratio versus Depth



Note: These data are presented as points at the center of the interval composited. Refer to Table 2 for intervals composited.

Figure 5. Eh – pH Diagram for Manganese

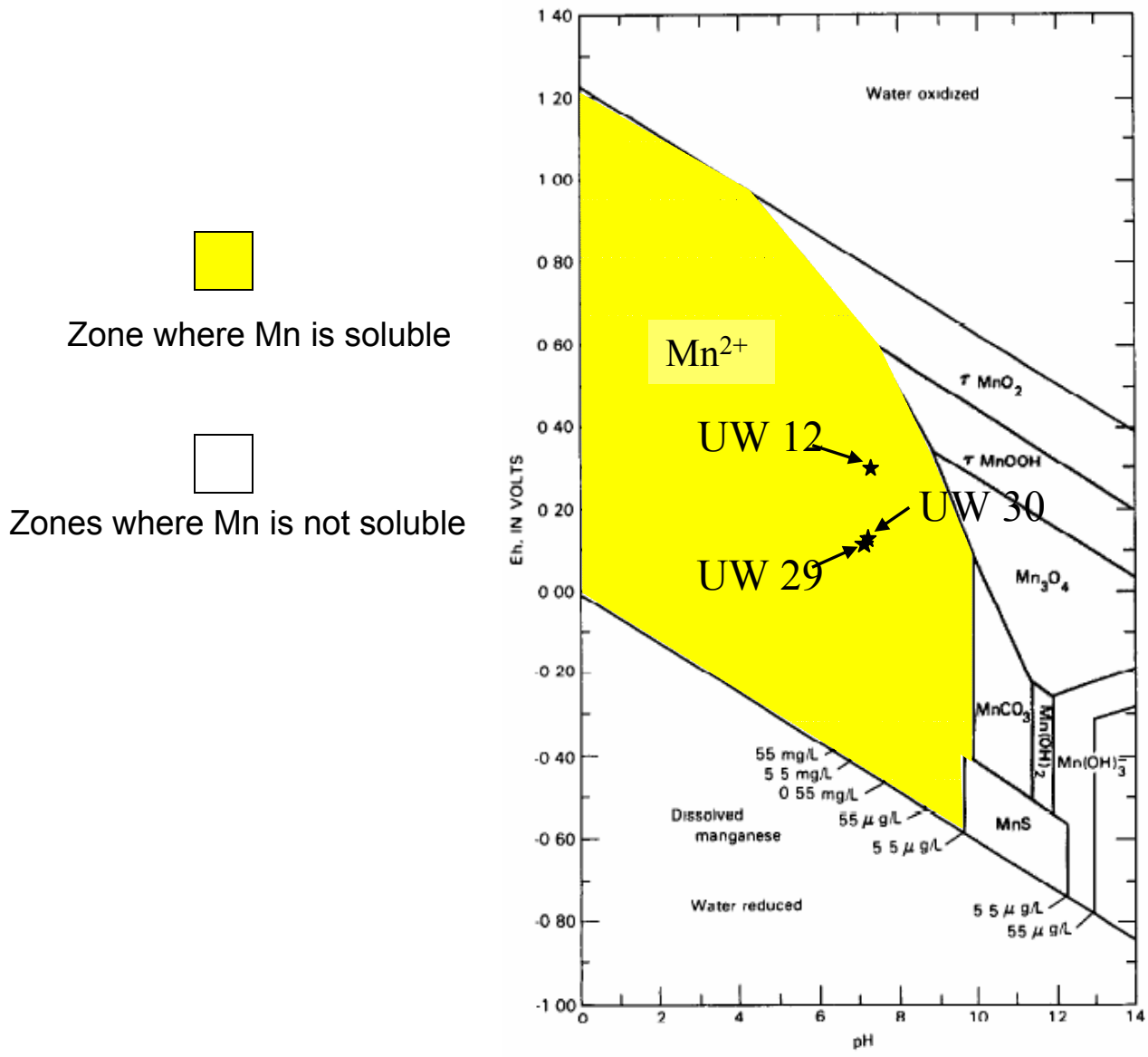
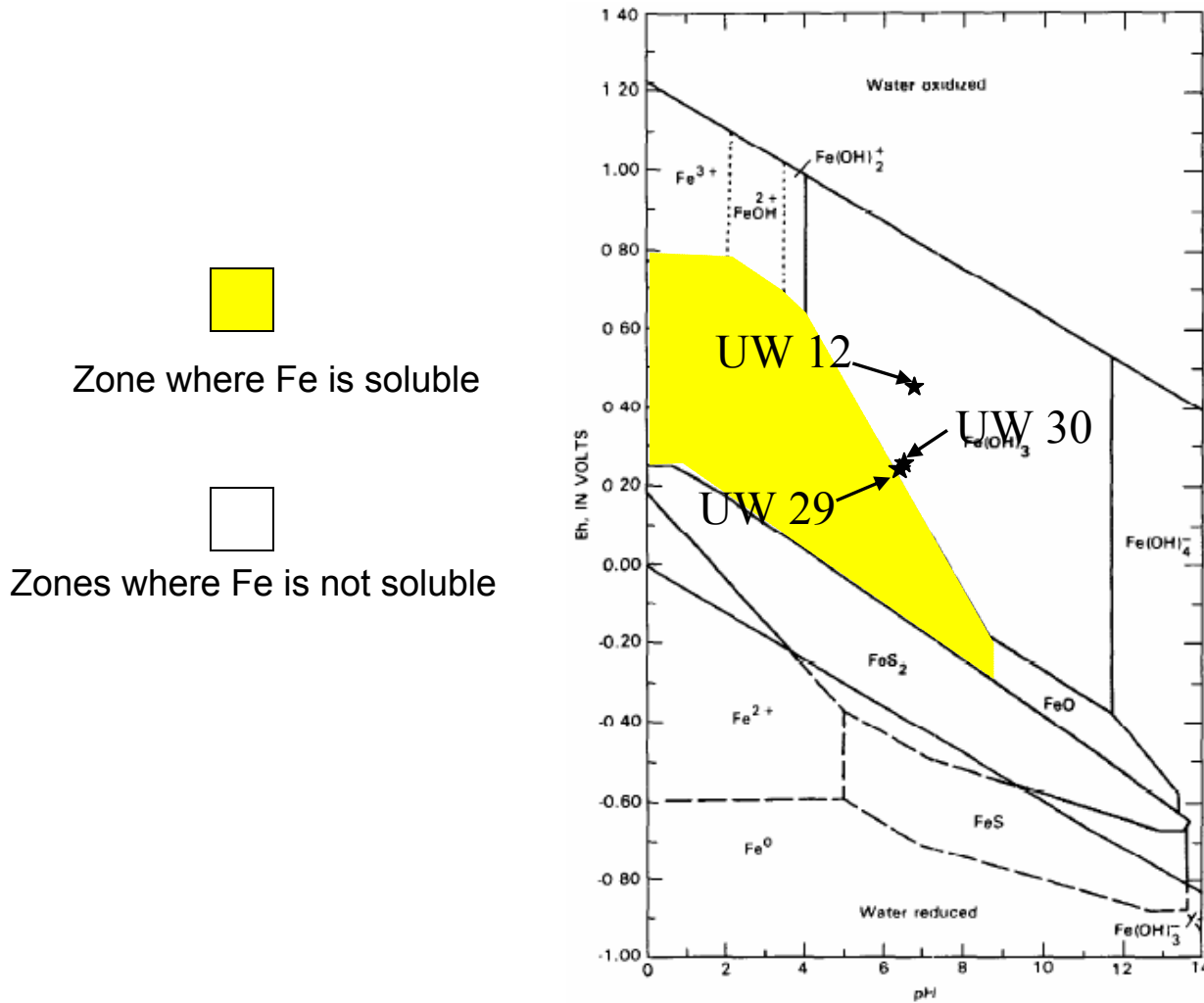


Figure 6. Eh – pH Diagram for Iron



Zone where Fe is soluble
 Zones where Fe is not soluble

Figure 14. Fields of stability for solid and dissolved forms of iron as a function of Eh and pH at 25°C and 1 atmosphere pressure. Activity of sulfur species 96 mg/L as SO_4^{2-} , carbon dioxide species 61 mg/L as HCO_3^- , and dissolved iron 56 $\mu\text{g/L}$.

Figure 7. Meteoric Water Line

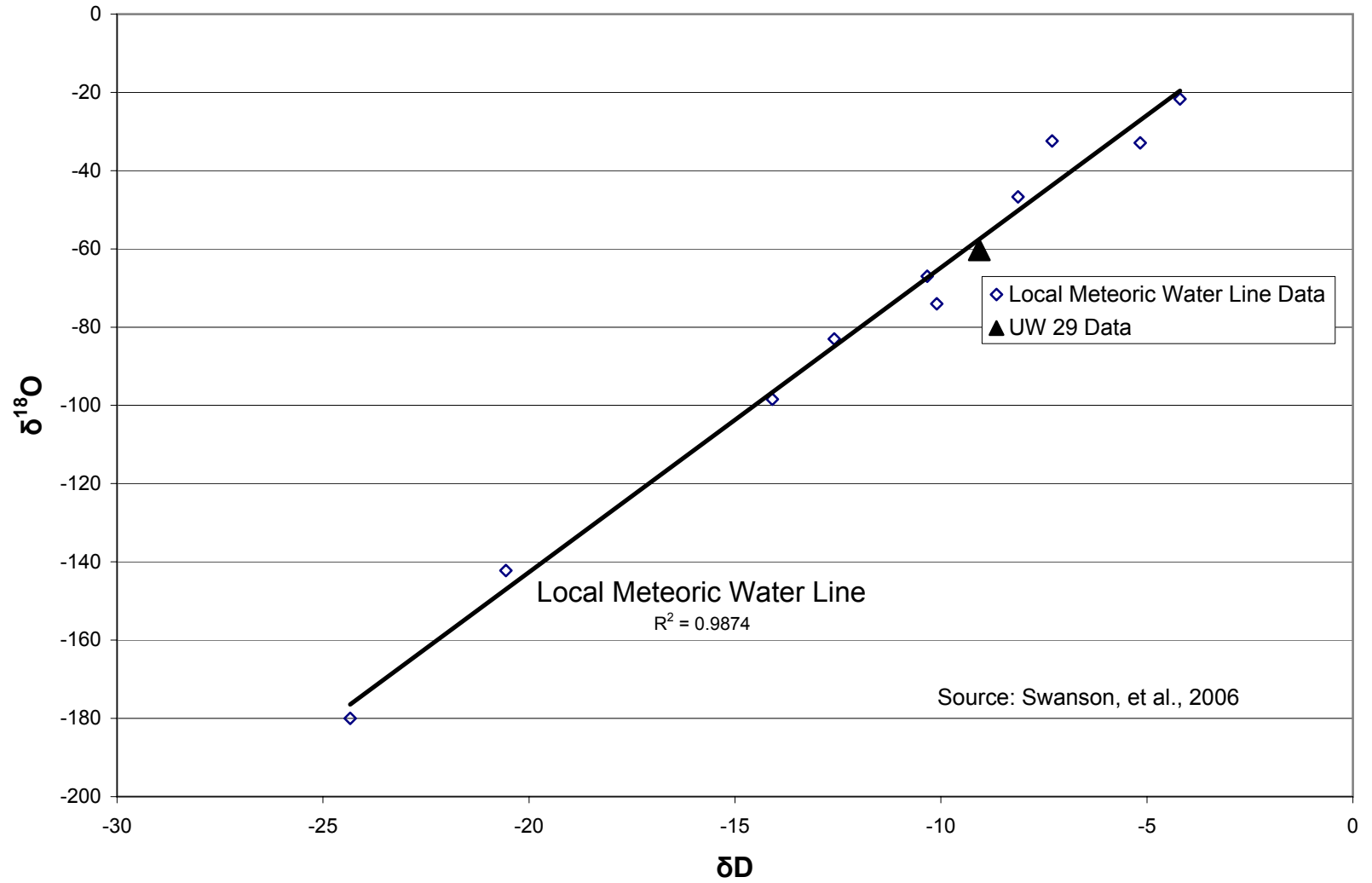


Figure 8. Iron versus Manganese Groundwater Concentrations

