Figure 1.1: Extent of Piceance Basin, Western Colorado (Colorado Geological Survey, 2003)

Figure 1.2: Location of Project Study Area

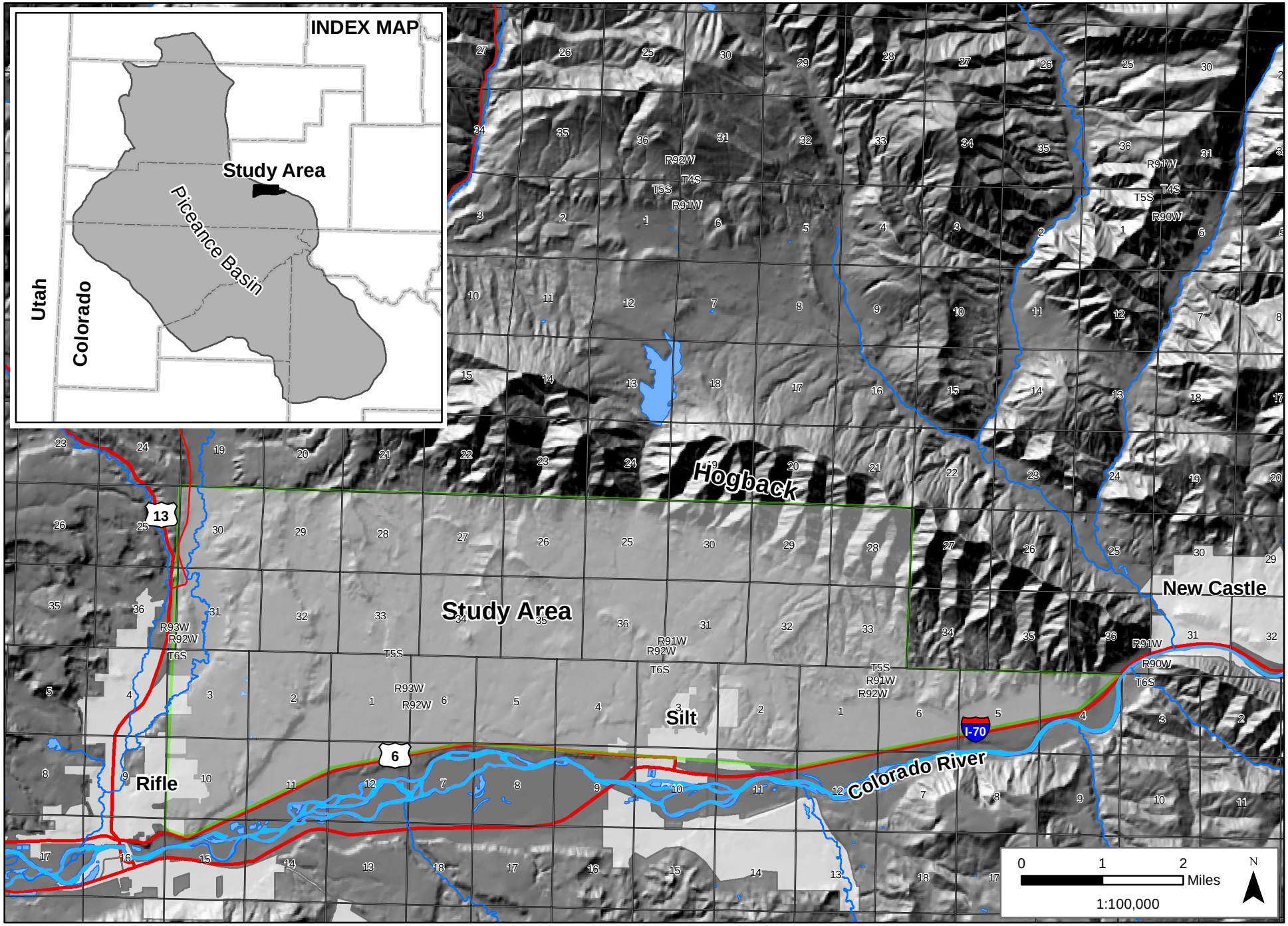


Figure 1.3: Previous Water Quality Sampling in Study Area.

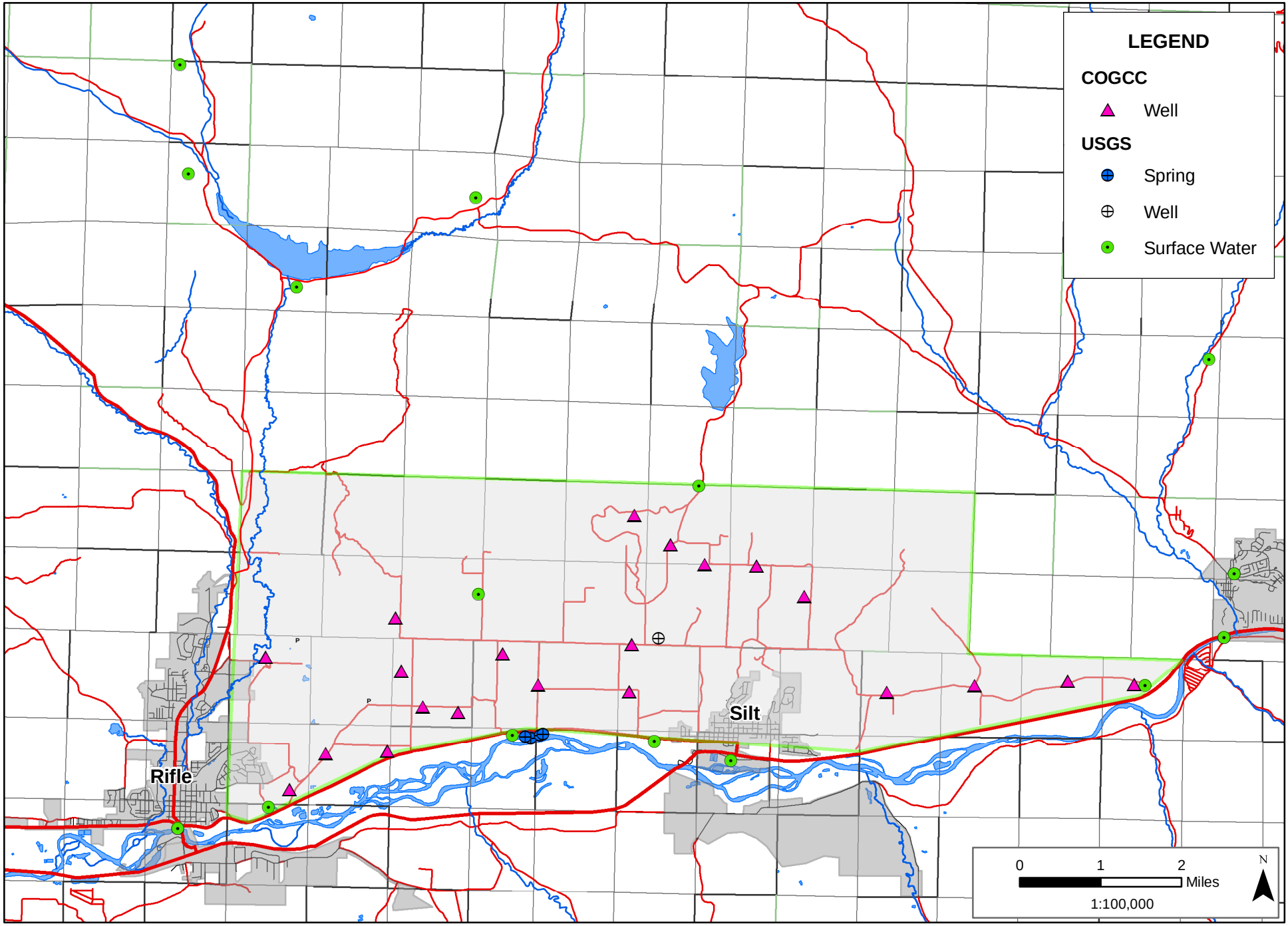


Figure 1.4: Project Sample Locations with Well Identification

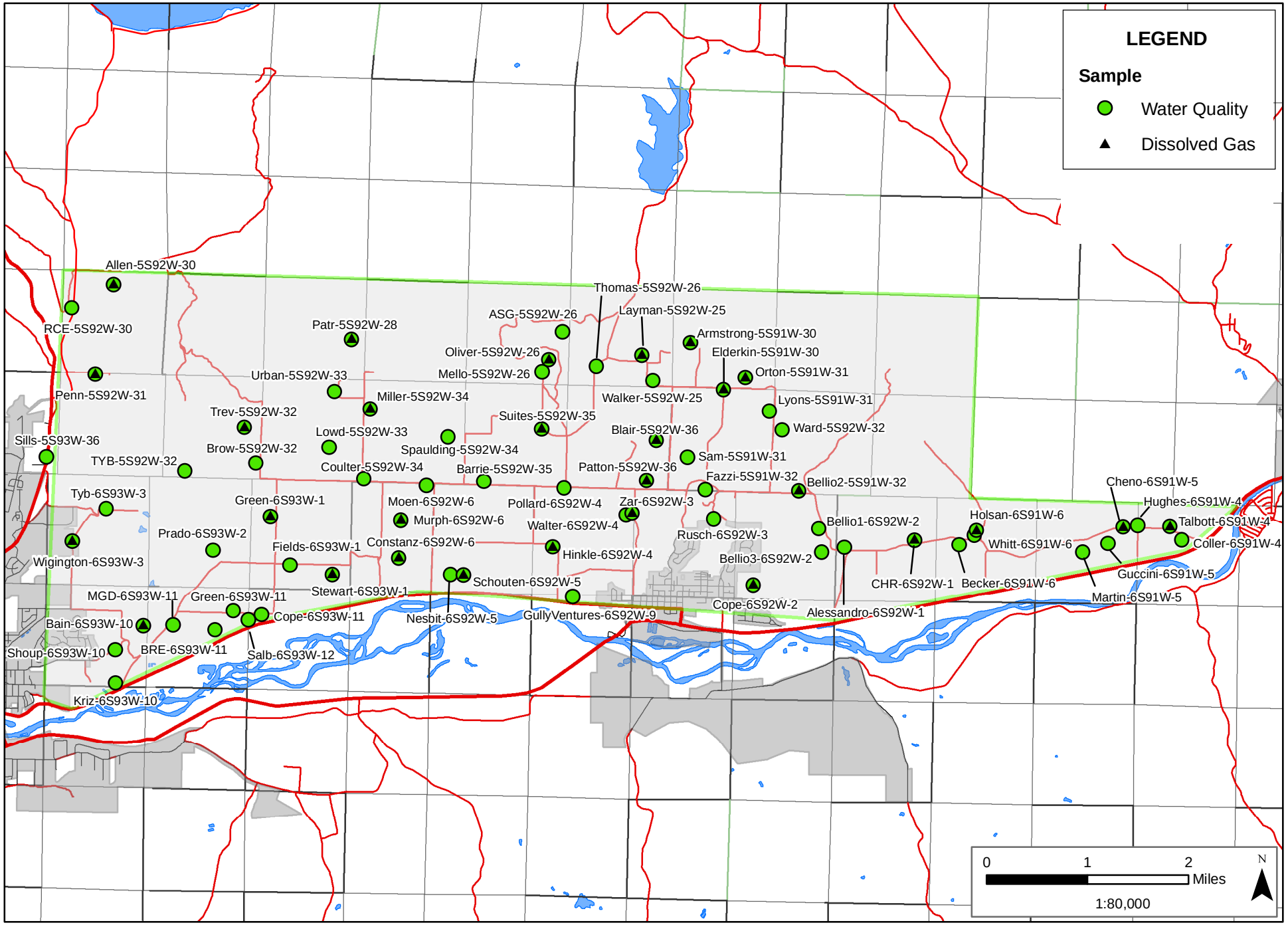


Figure 3.1: Nitrate Concentrations and Exceedances in Groundwater Samples

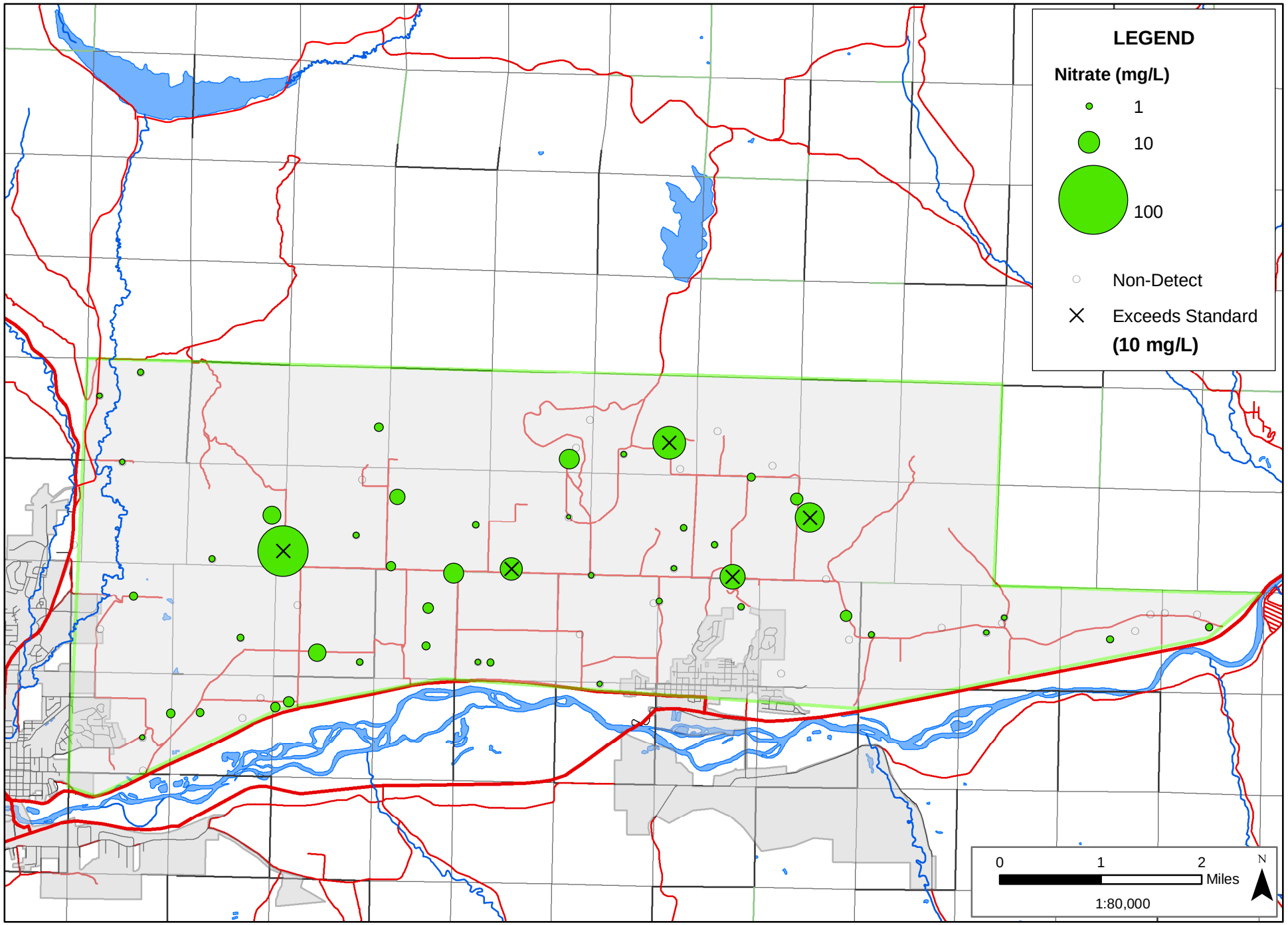


Figure 3.2: Selenium Concentrations and Exceedances in Groundwater Samples

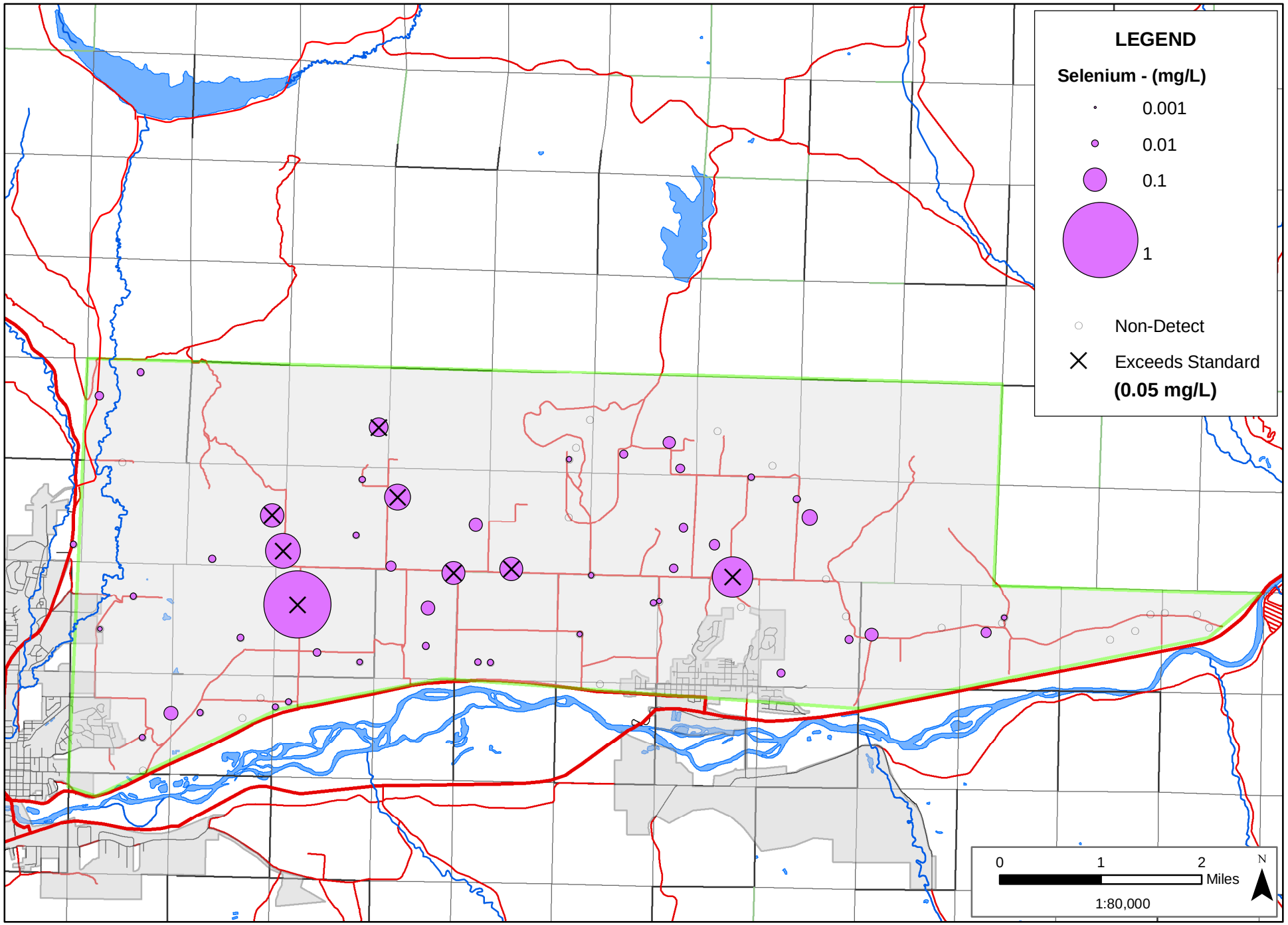
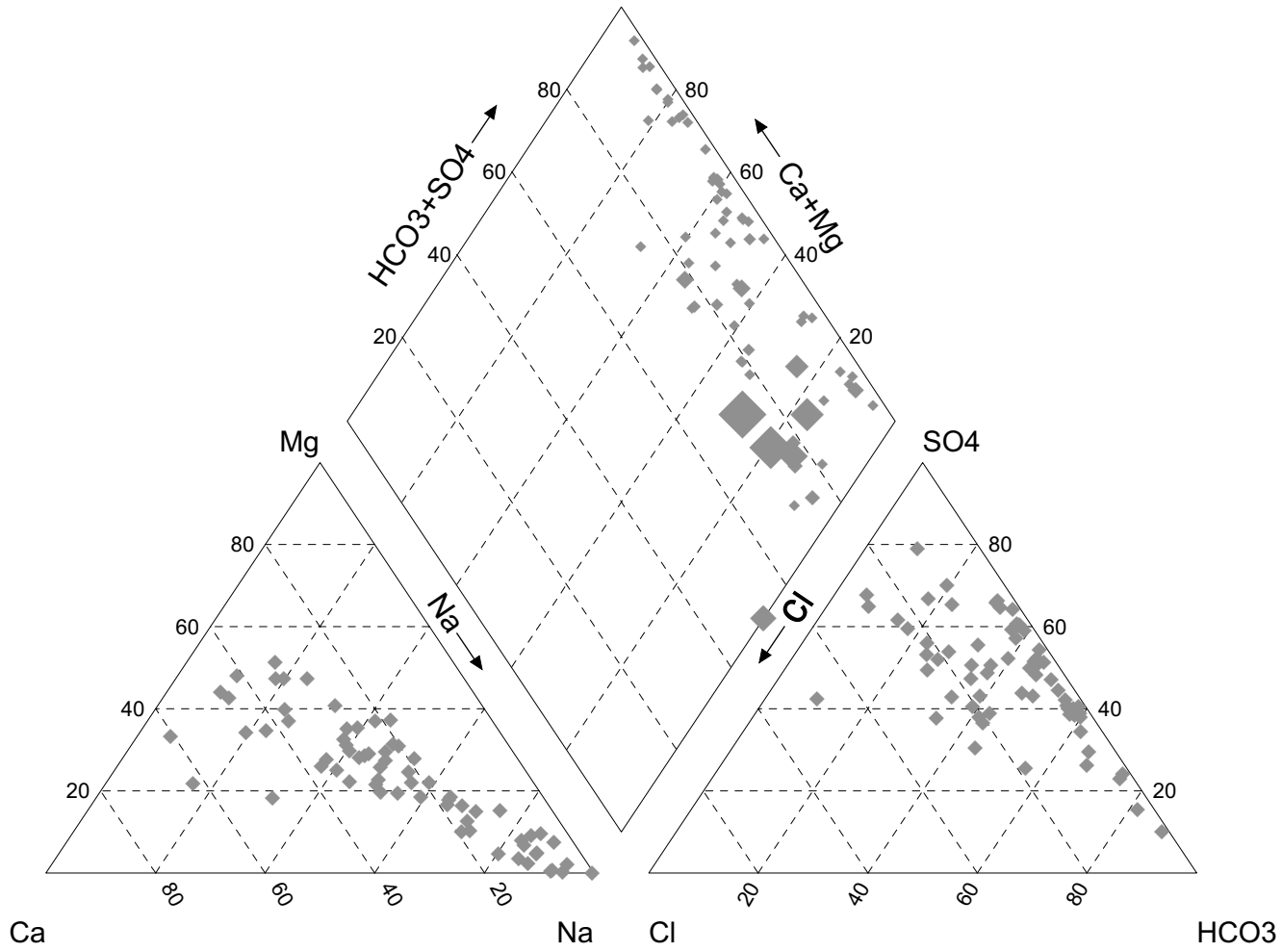


Figure 3.3: Piper Diagram of Groundwater



DESCRIPTION: Groundwater Chemistry

$\Sigma^2\Pi$	PROJECT: COGCC - Garfield County	PROJECT NO:
	CLIENT:	DATE: October, 2006

Figure 3.4: Concentrations of Sodium and Calcium+Magnesium Relative to TDS

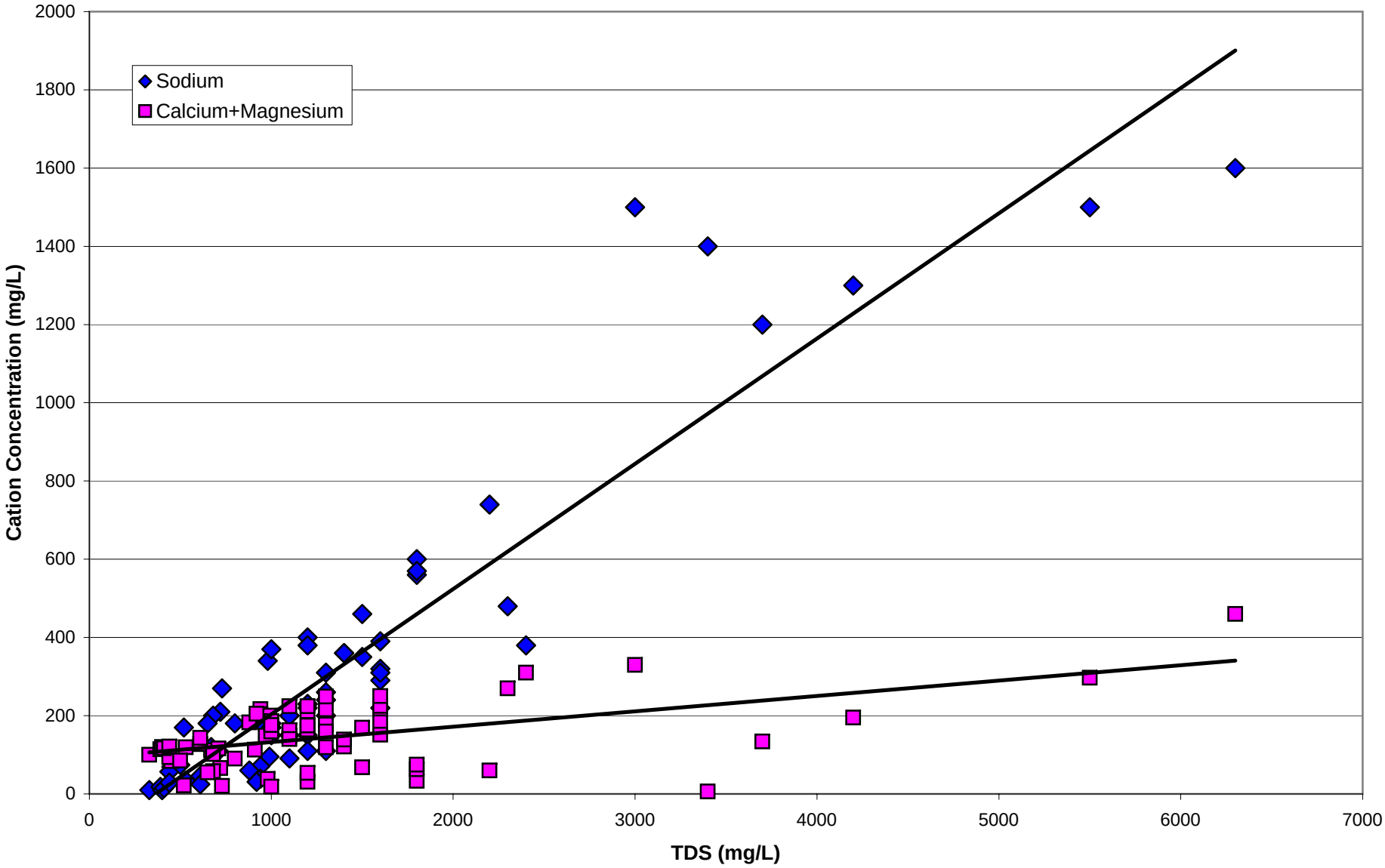


Figure 3.5: Production Interval of Sampled Wells

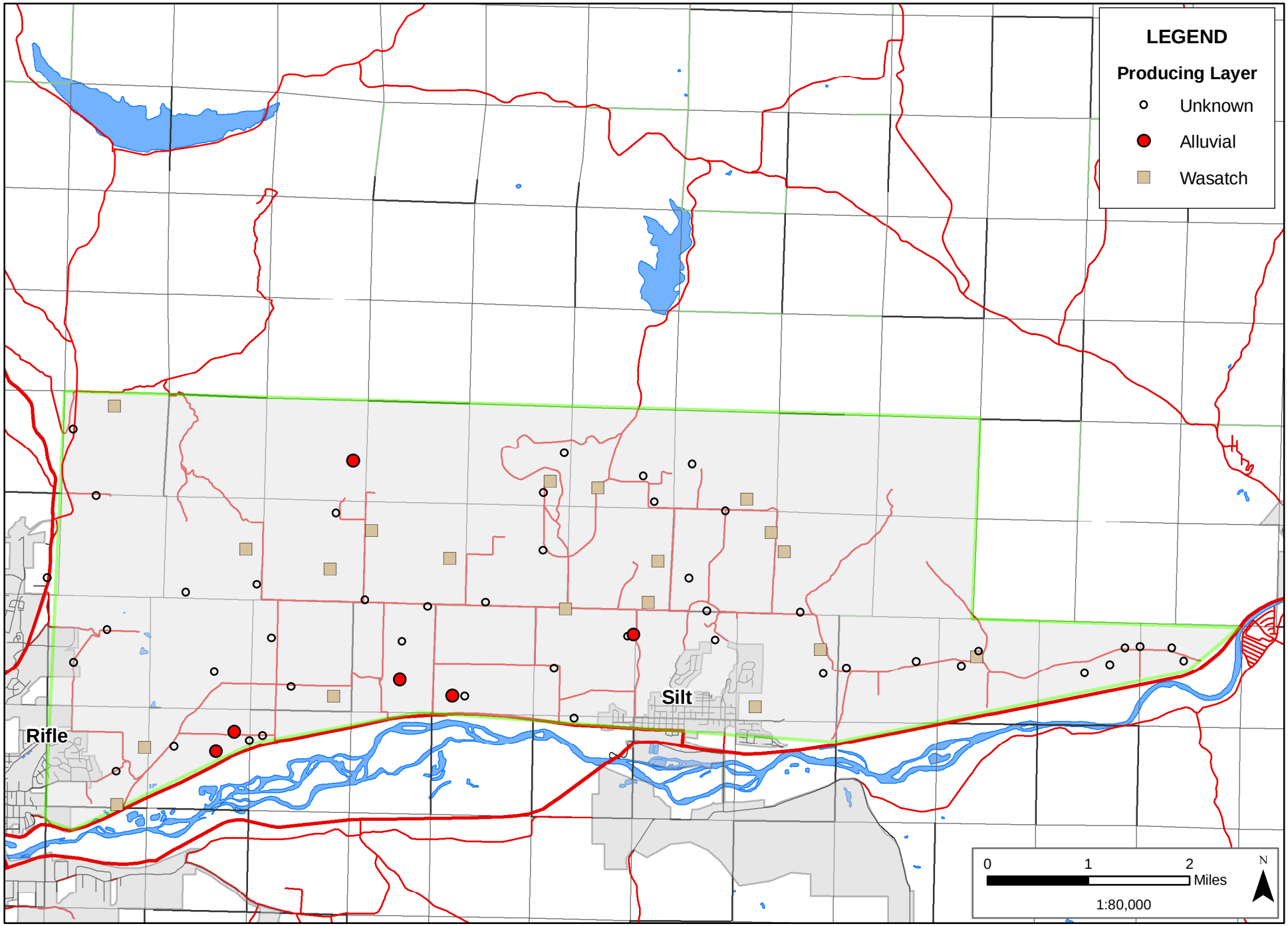


Figure 3.6: Well Depth of Sampled Wells

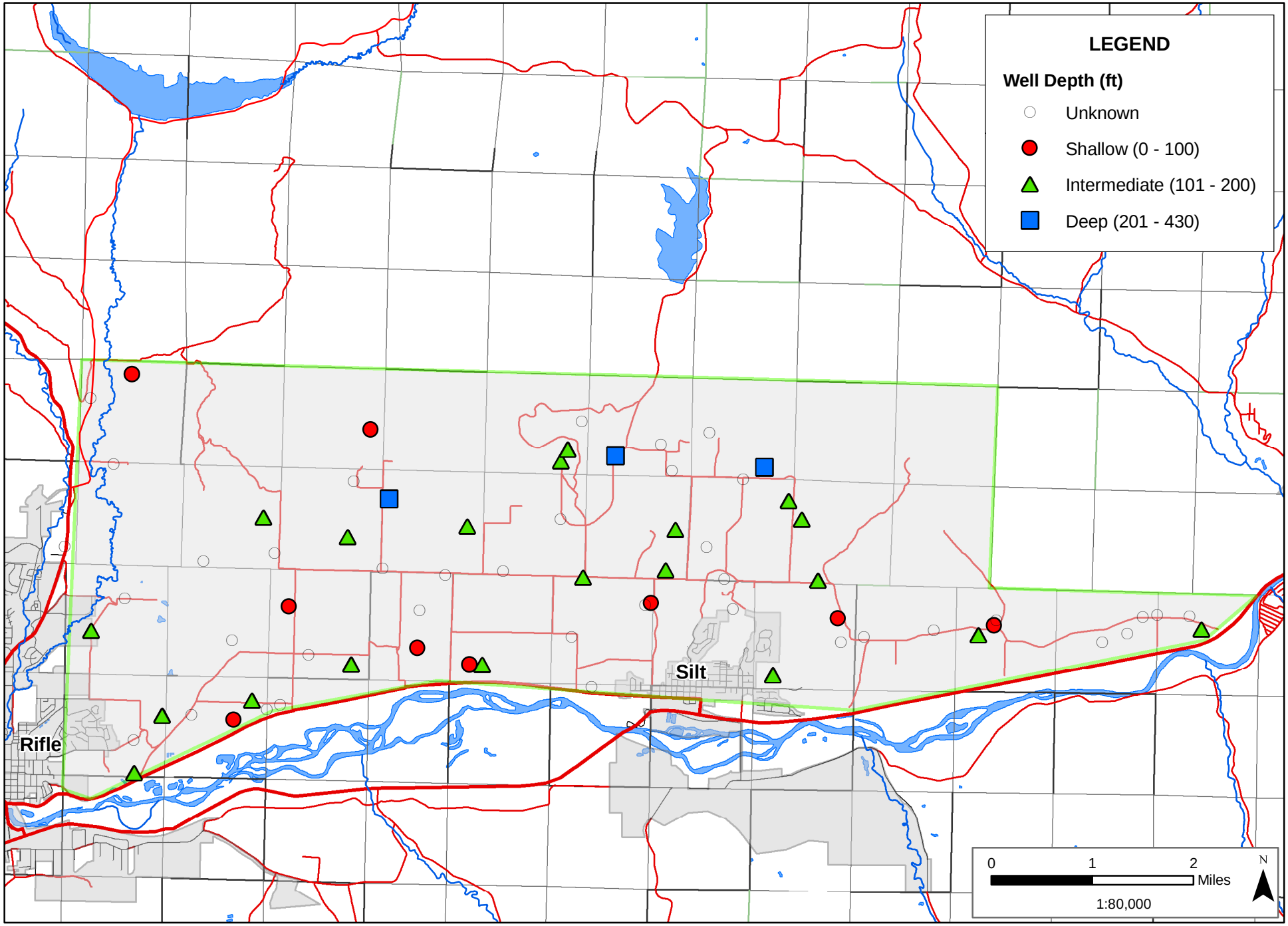
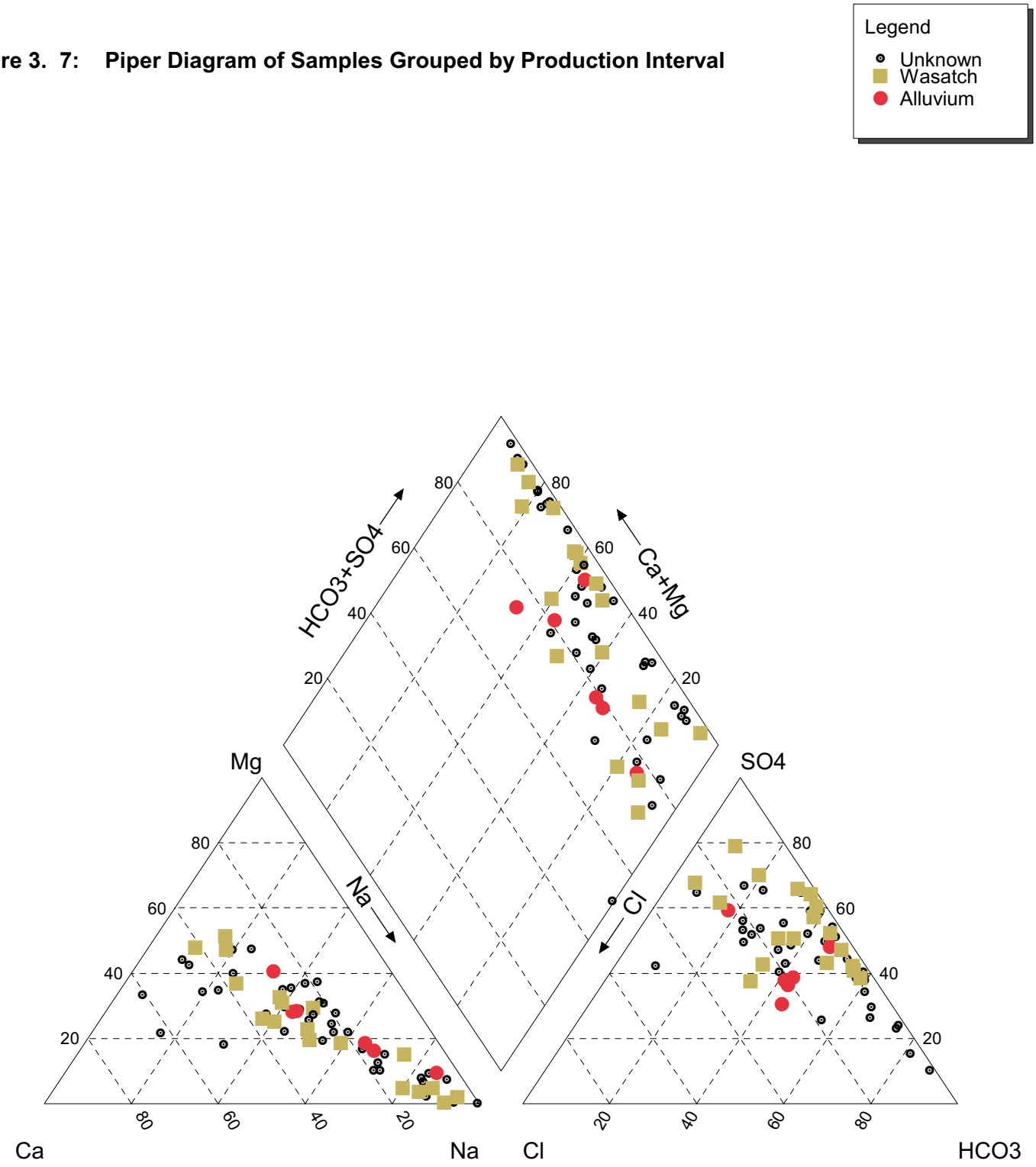
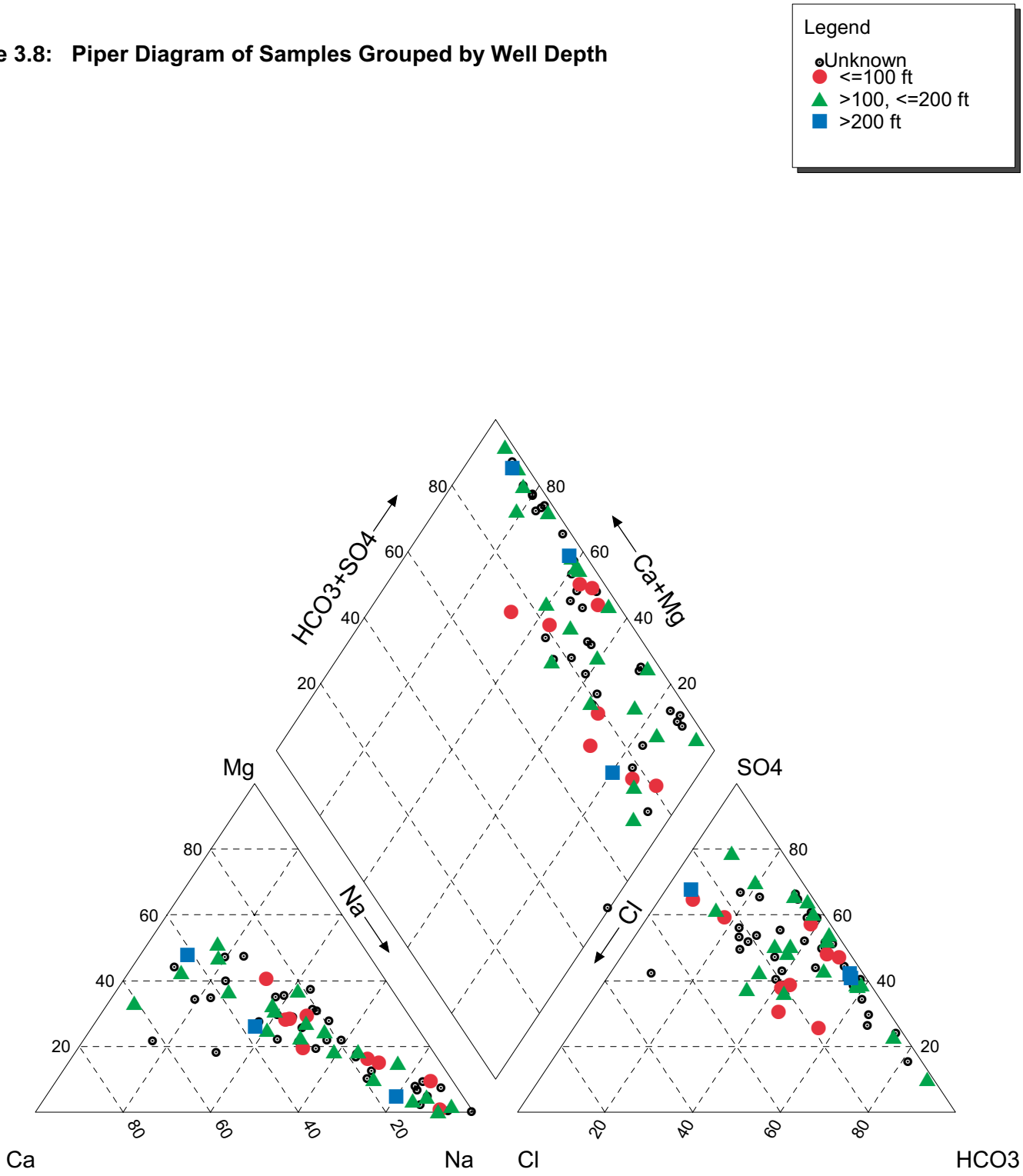


Figure 3. 7: Piper Diagram of Samples Grouped by Production Interval



DESCRIPTION: Groundwater Chemistry		
$\Sigma^2\Pi$	PROJECT: COGCC - Garfield County	PROJECT NO:
	CLIENT:	DATE: October, 2006

Figure 3.8: Piper Diagram of Samples Grouped by Well Depth



DESCRIPTION: Groundwater Chemistry		
	PROJECT: COGCC - Garfield County	PROJECT NO:
	CLIENT:	DATE: October, 2006

Figure 3.9: Surface Water Features and Water Quality Sample Groups

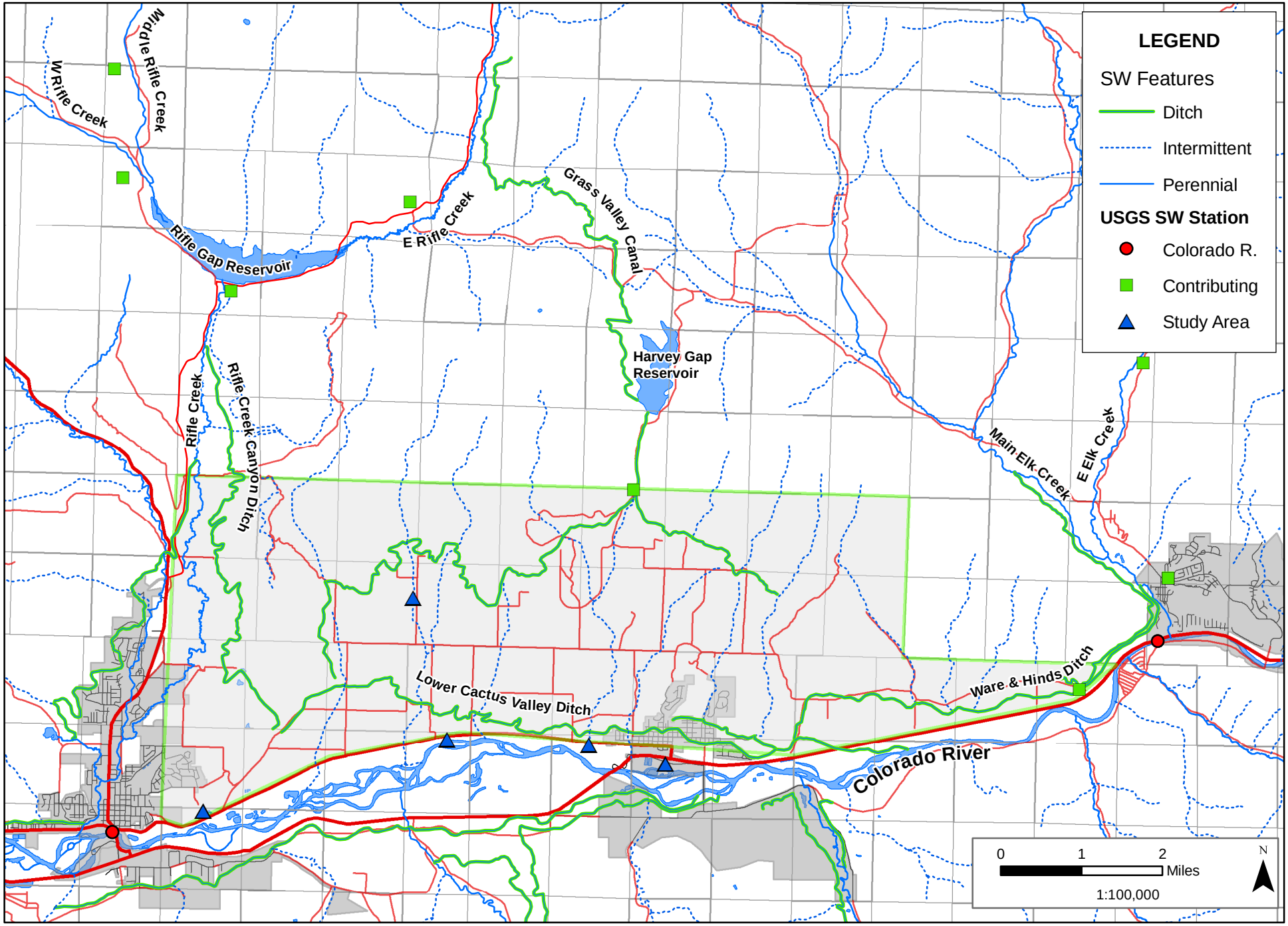
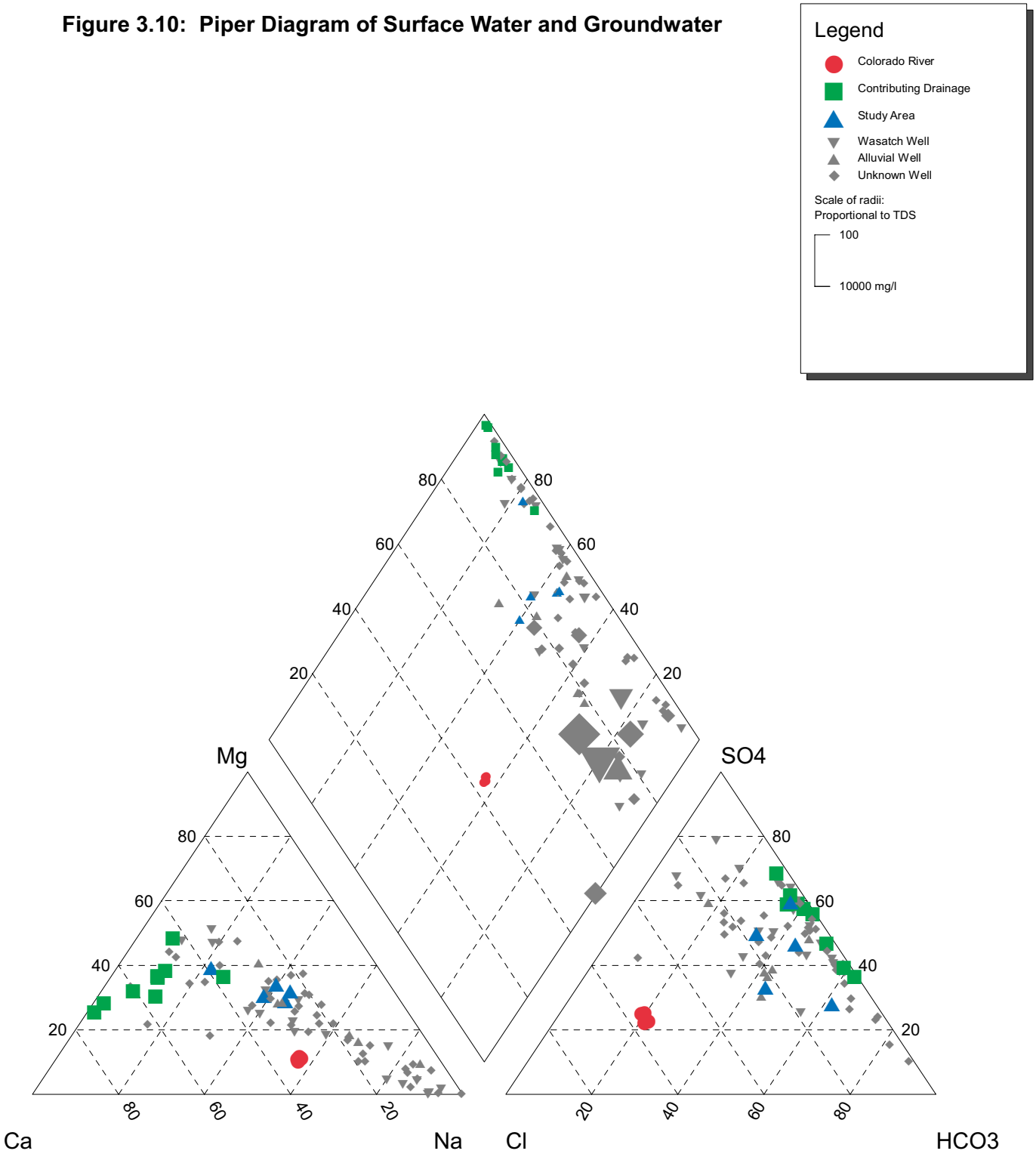


Figure 3.10: Piper Diagram of Surface Water and Groundwater



DESCRIPTION: Water Quality		
$\Sigma^2\Pi$	PROJECT: COGCC - Garfield County	PROJECT NO:
	CLIENT:	DATE: October, 2006

Figure 3.11: Sodium Concentration in Groundwater Samples

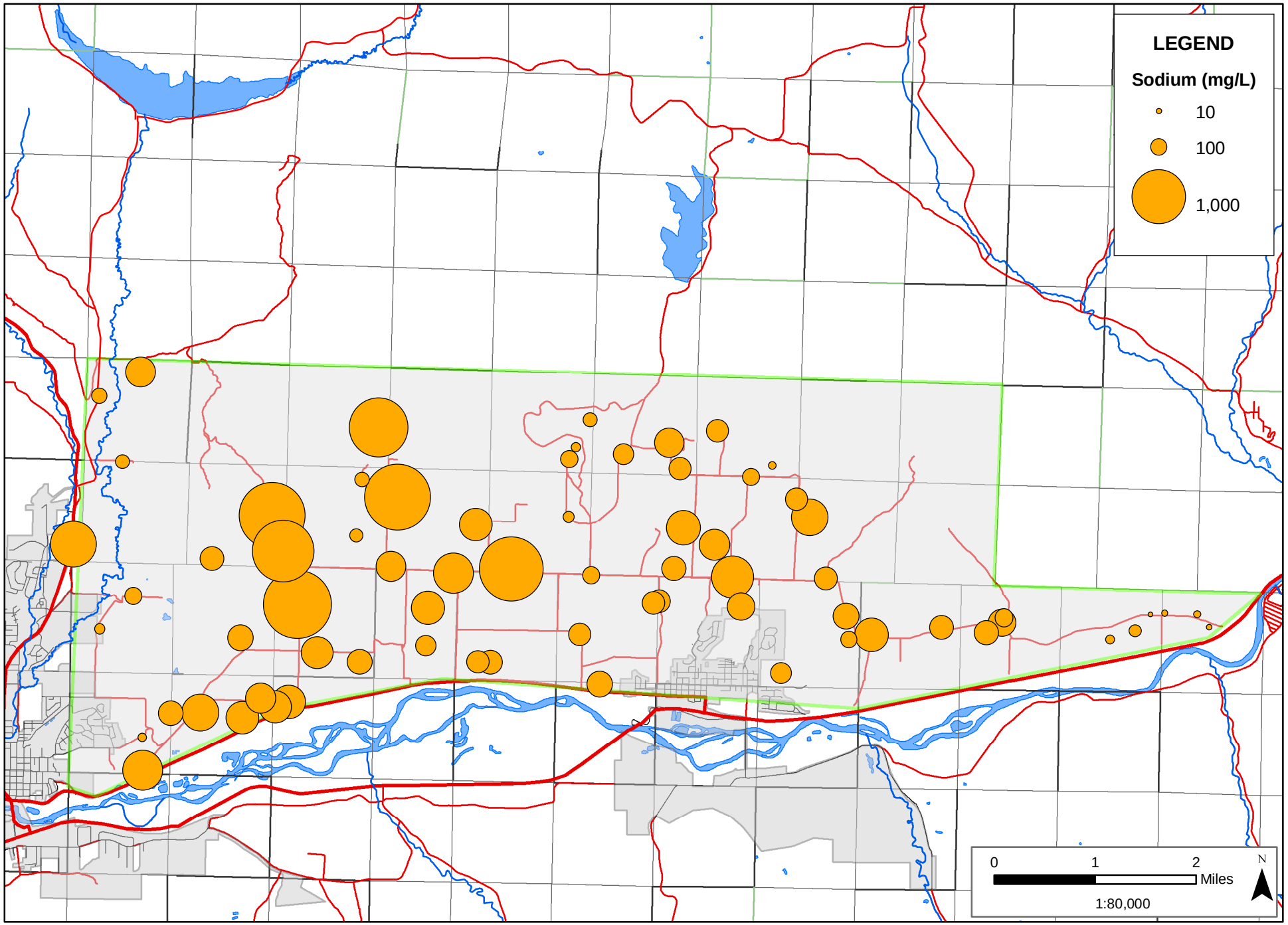


Figure 3.12: Chloride Concentration in Groundwater Samples

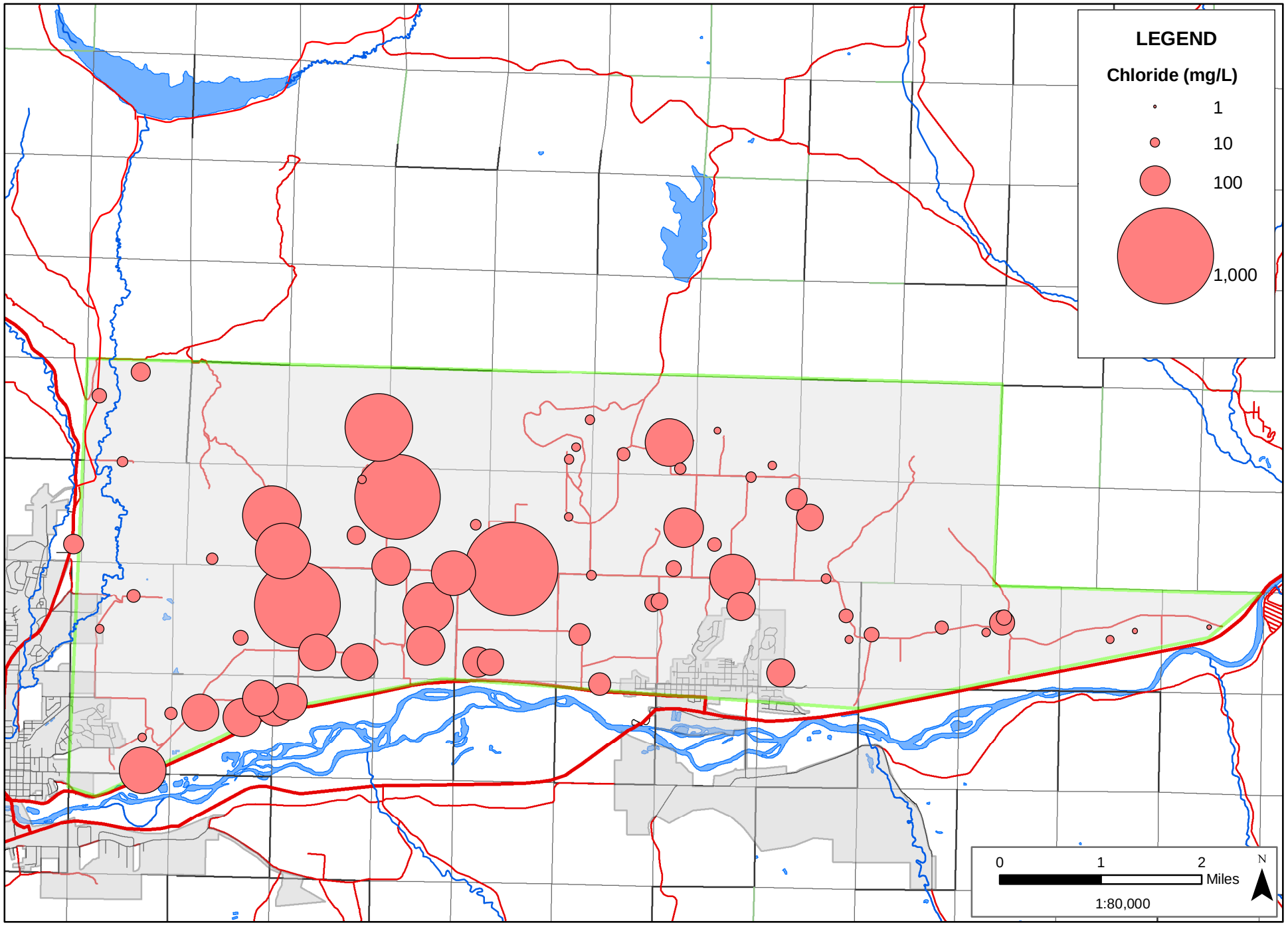


Figure 3.13: Distributions of Common Dissolved Gases

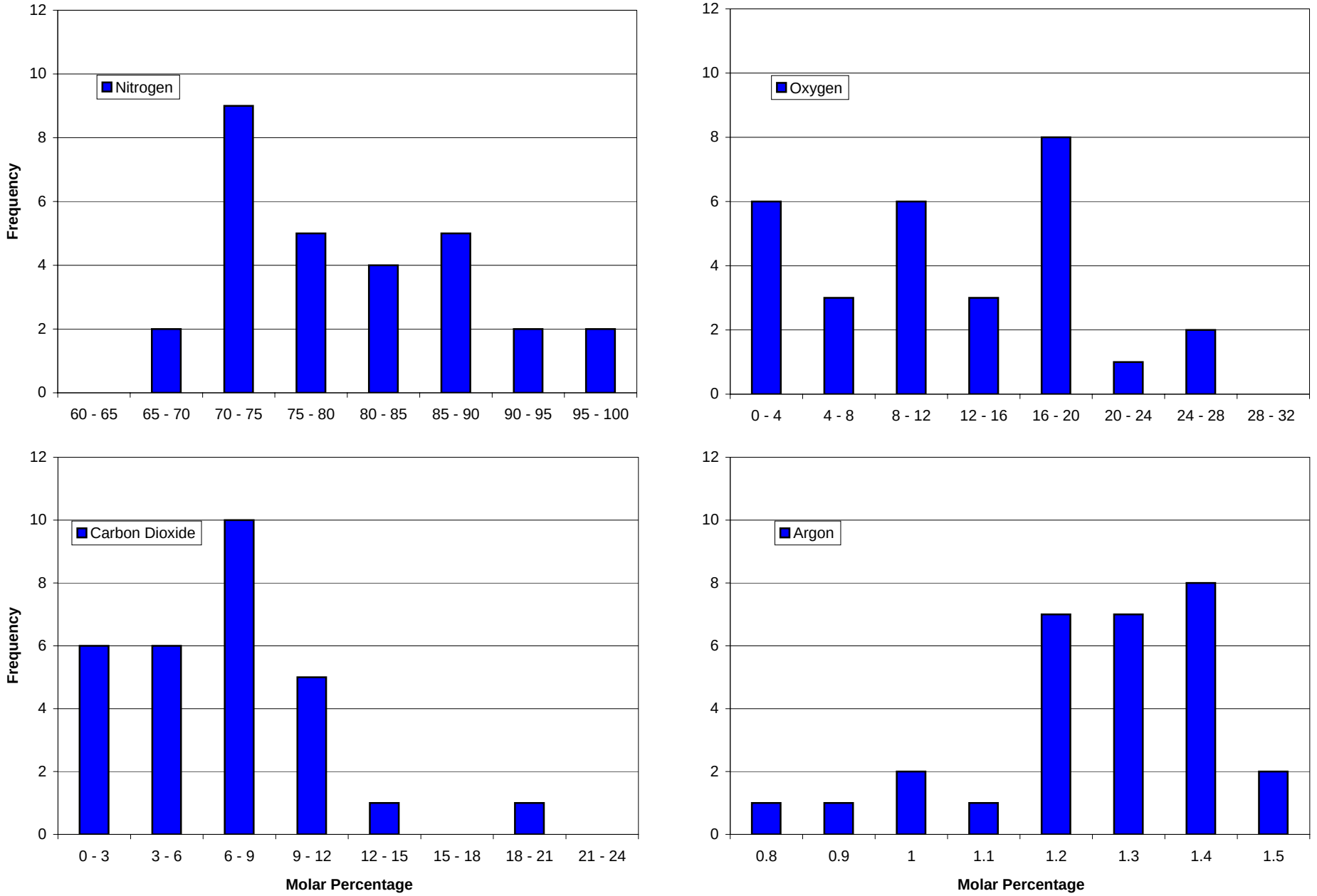


Figure 3.14: Argon to Nitrogen Ratios

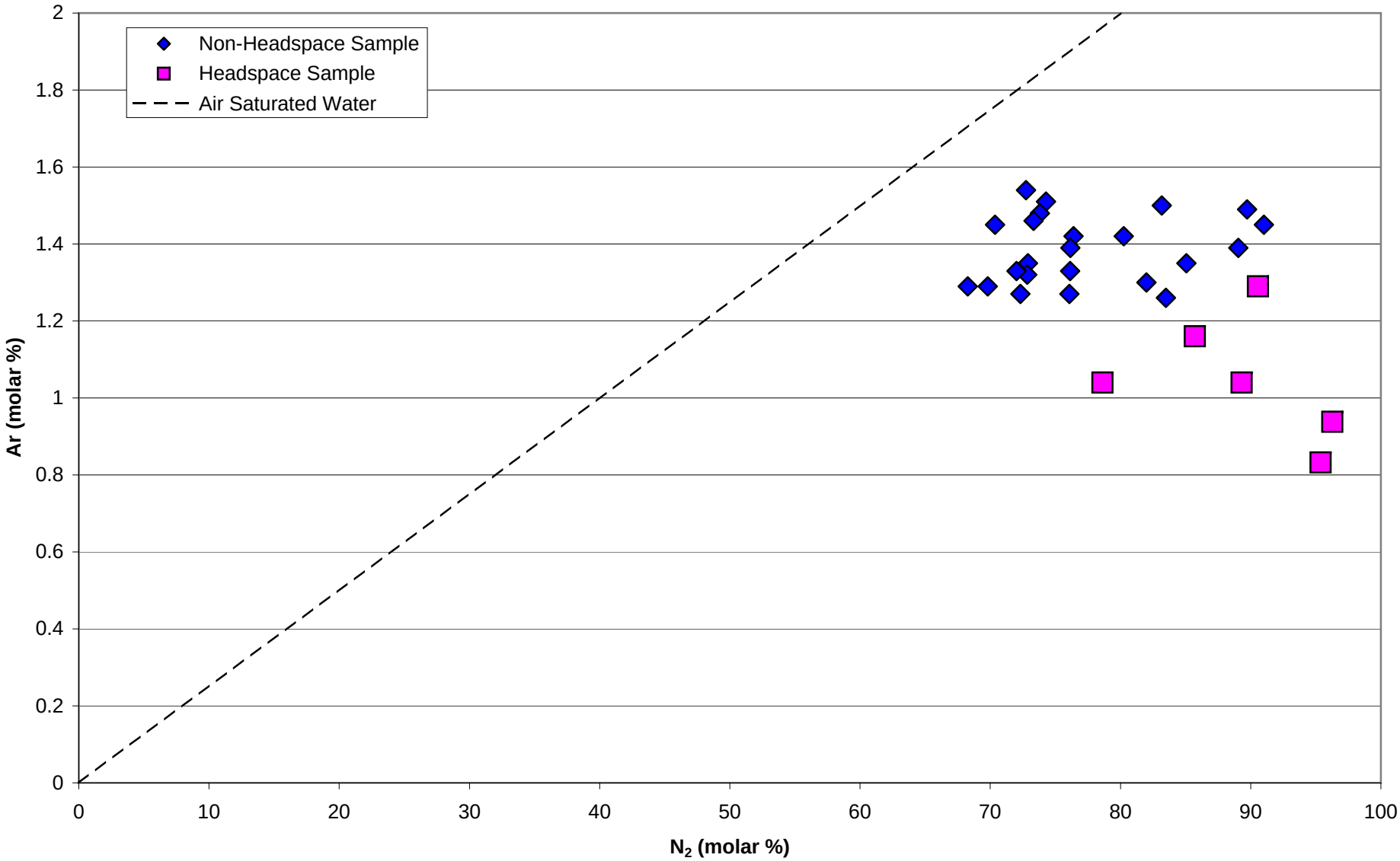


Figure 3.15: Stable Carbon Isotopes and CO_2 (with ranges of $\delta^{13}C$ of select materials)