

Appendix 4.8.4 – Groundwater Chemistry

Spring Quality

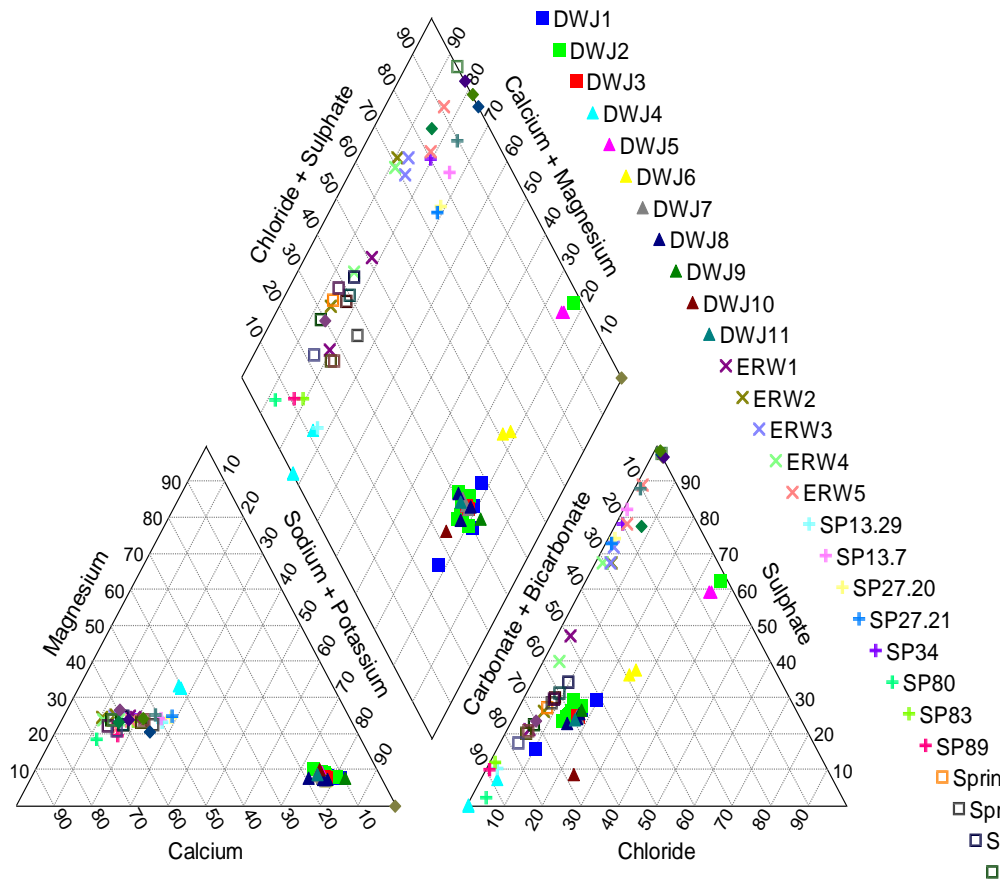


Figure 1: Piper Diagram of Spring Samples by Location (2010 to 2014)

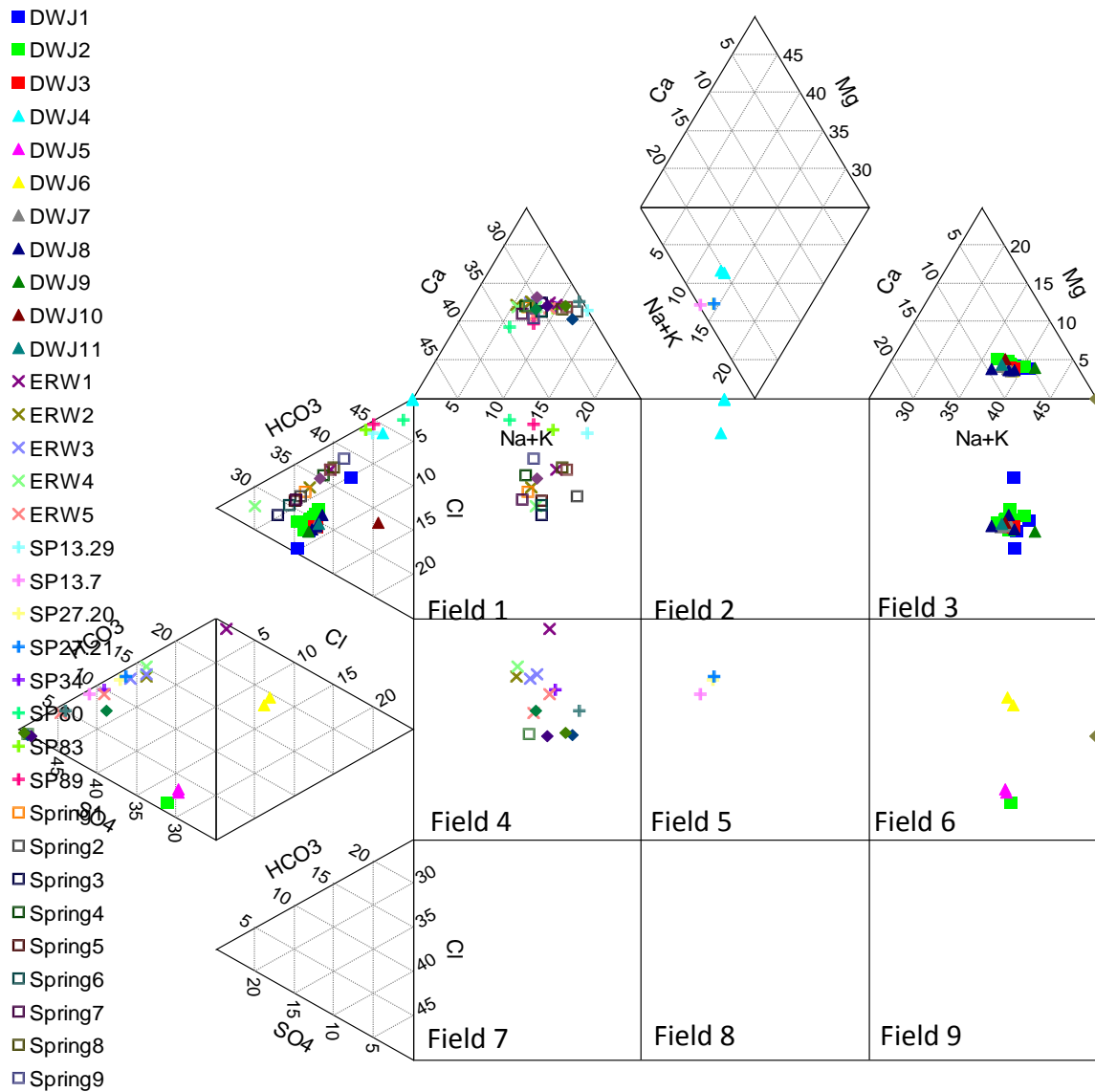


Figure 2: Extended Durov Diagram of Spring Samples by Location (2010 to 2014)

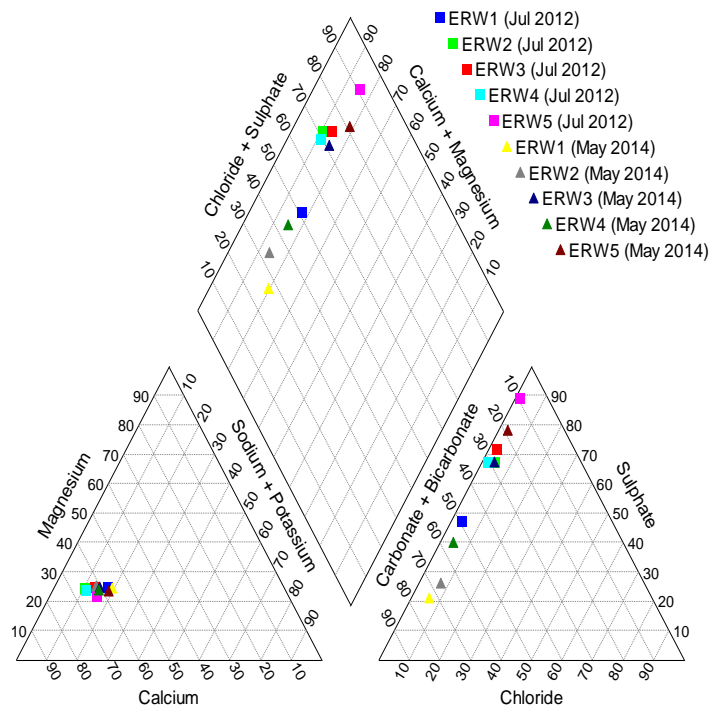


Figure 3: Piper Diagram of Spring and Summer Samples for ERW (Erato) Springs (2012 to 2014)

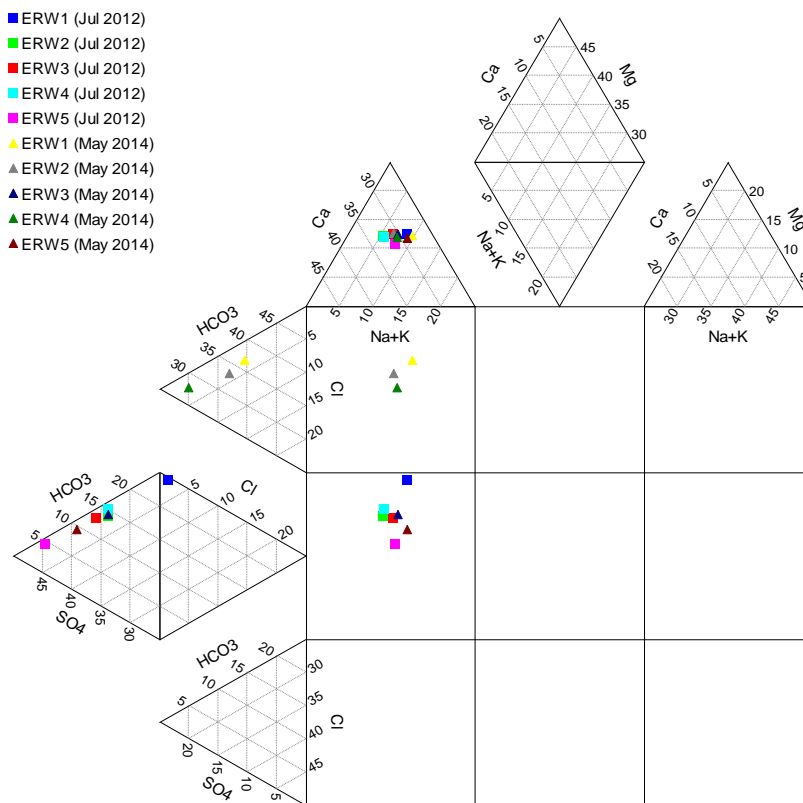


Figure 4: Extended Durov Diagram of Spring and Summer Samples for ERW (Erato) Springs (2012 to 2014)

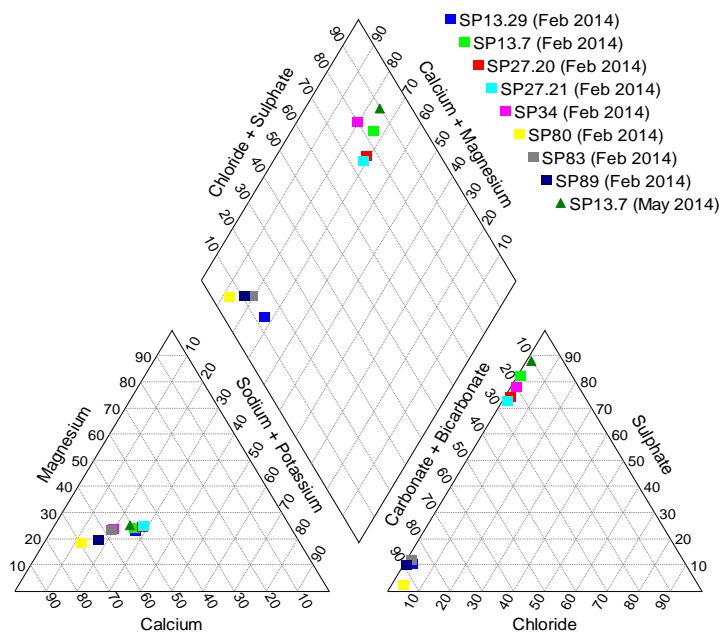


Figure 5: Piper Diagram of 'SP' Spring Locations, Winter and Spring (2014)

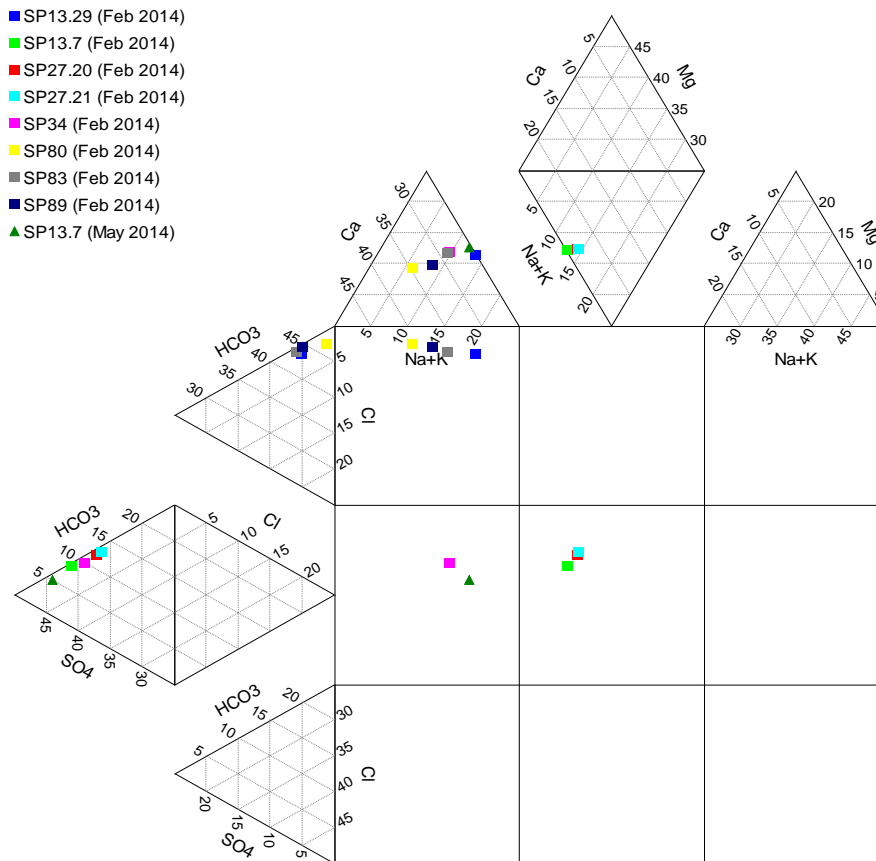


Figure 6: Extended Durov Diagram of 'SP' Spring Locations, Winter and Spring (2014)

Selected Groundwater and Surface Water Samples

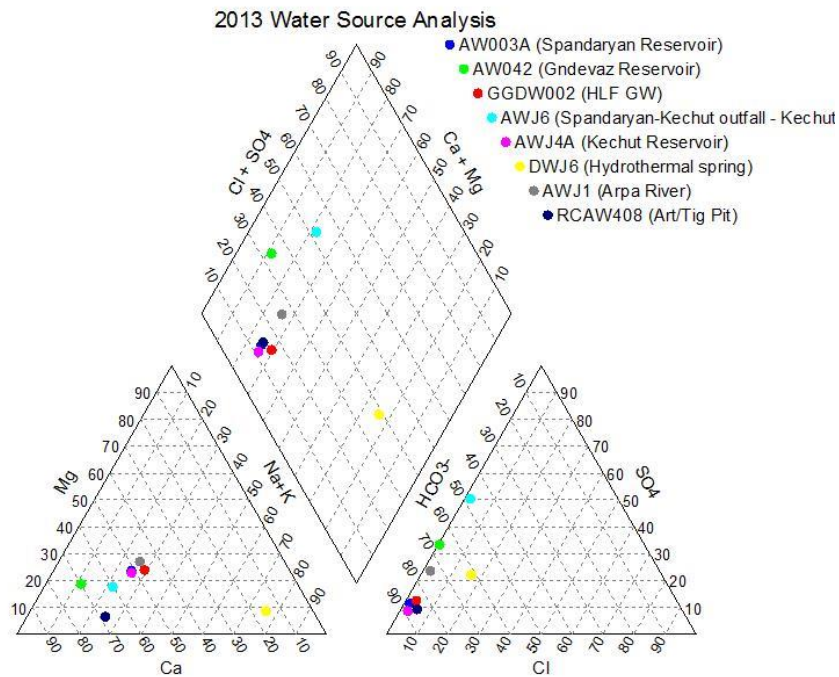


Figure 7: Piper Diagram, Selected Groundwater and Surface Water Locations, June 2013

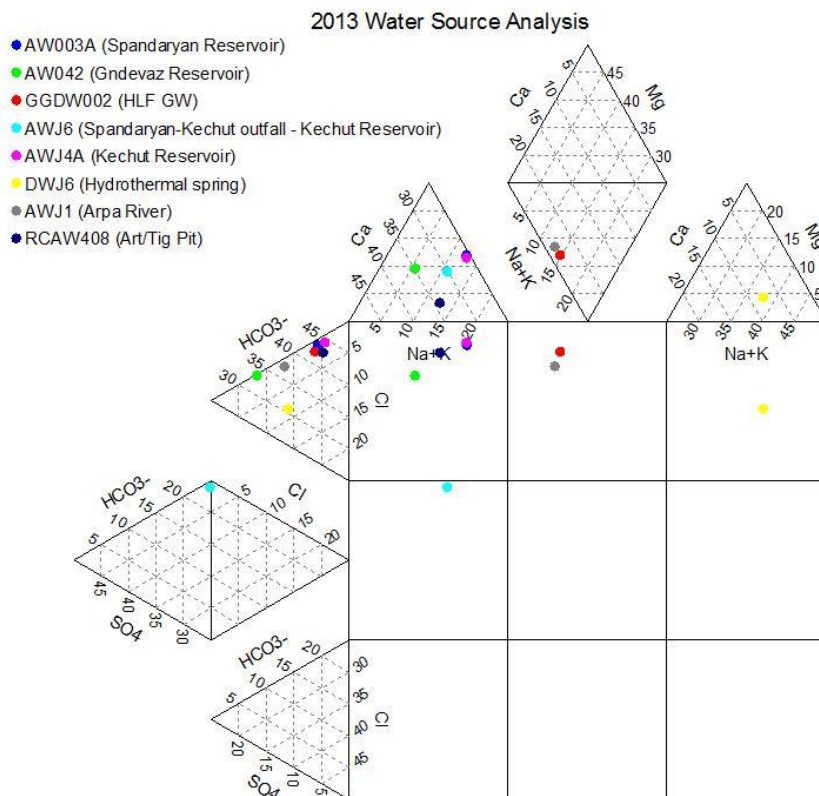


Figure 8: Extended Durov Diagram, Selected Groundwater and Surface Water Locations, June 2013

Groundwaters

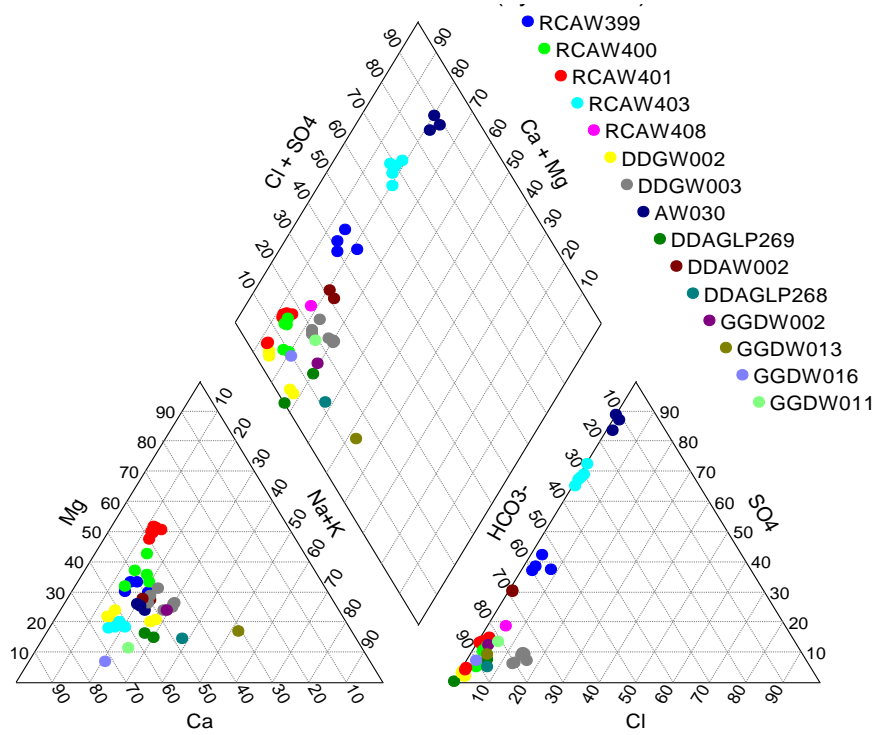


Figure 9: Piper Diagram, Selected Groundwater Samples, 2011 - 2014

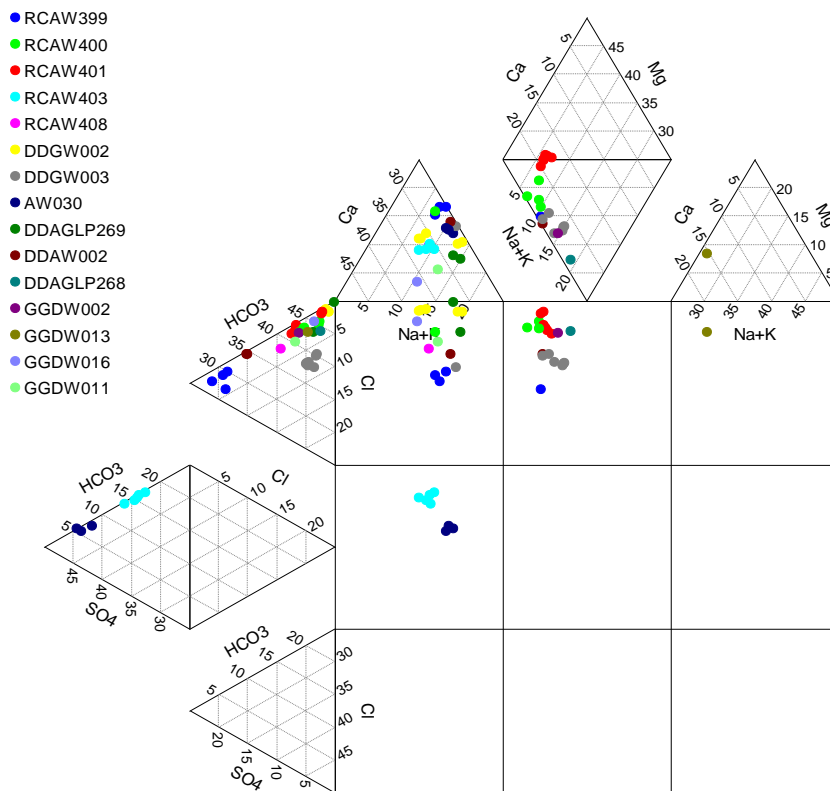


Figure 10: Extended Durov Diagram, Selected Groundwater Samples, 2011 – 2014

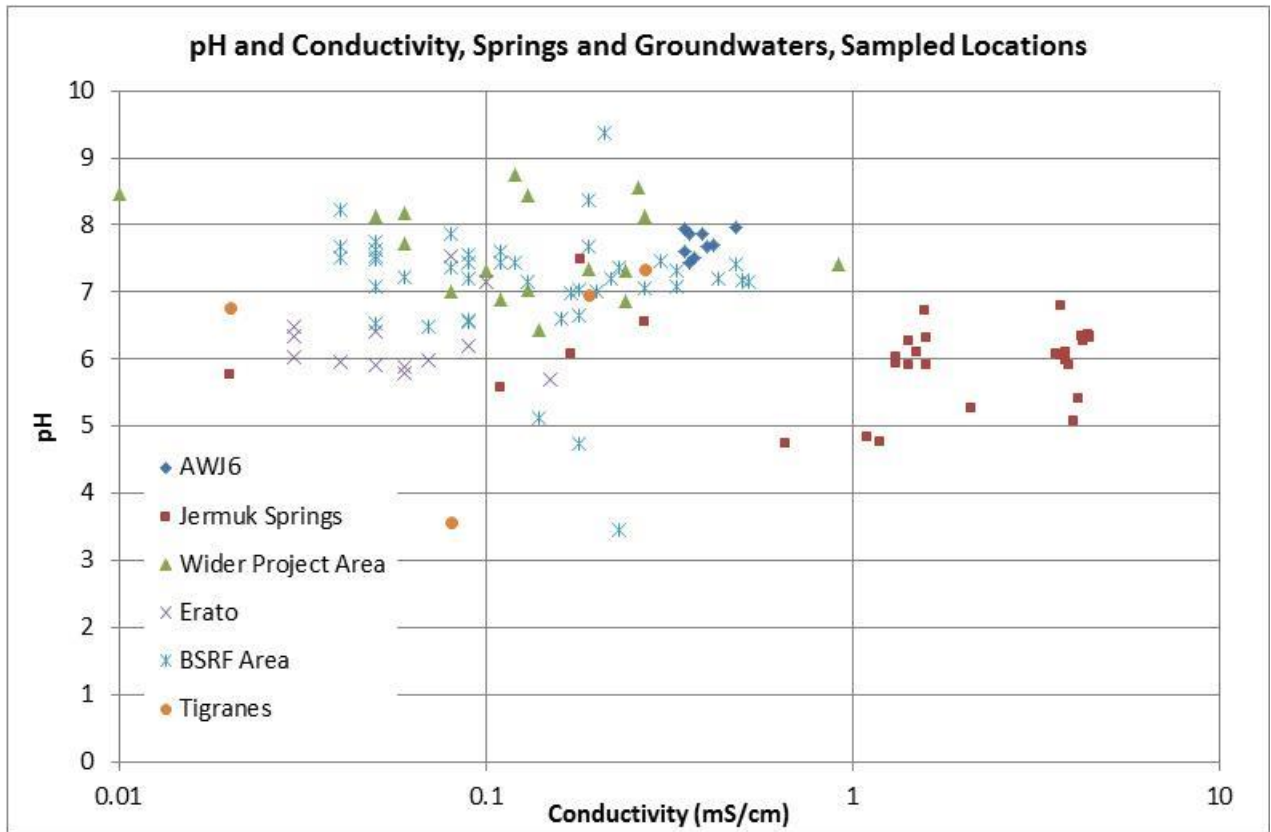


Figure 11: Conductivity and pH, Sampled Groundwaters and Springs, 2011 - 2014