

Figure G-1. Piper plot for Hidden Hills neighborhood indicating some variation in Mg, Ca and Cl composition, generally corresponding to shallower wells having higher Mg and Cl concentrations relative to other cations and anions. Dashed black line shows an example of how to read the Piper plot combining the cations and anions onto the diamond plot and the overall geochemical composition and TDS is listed for that example.

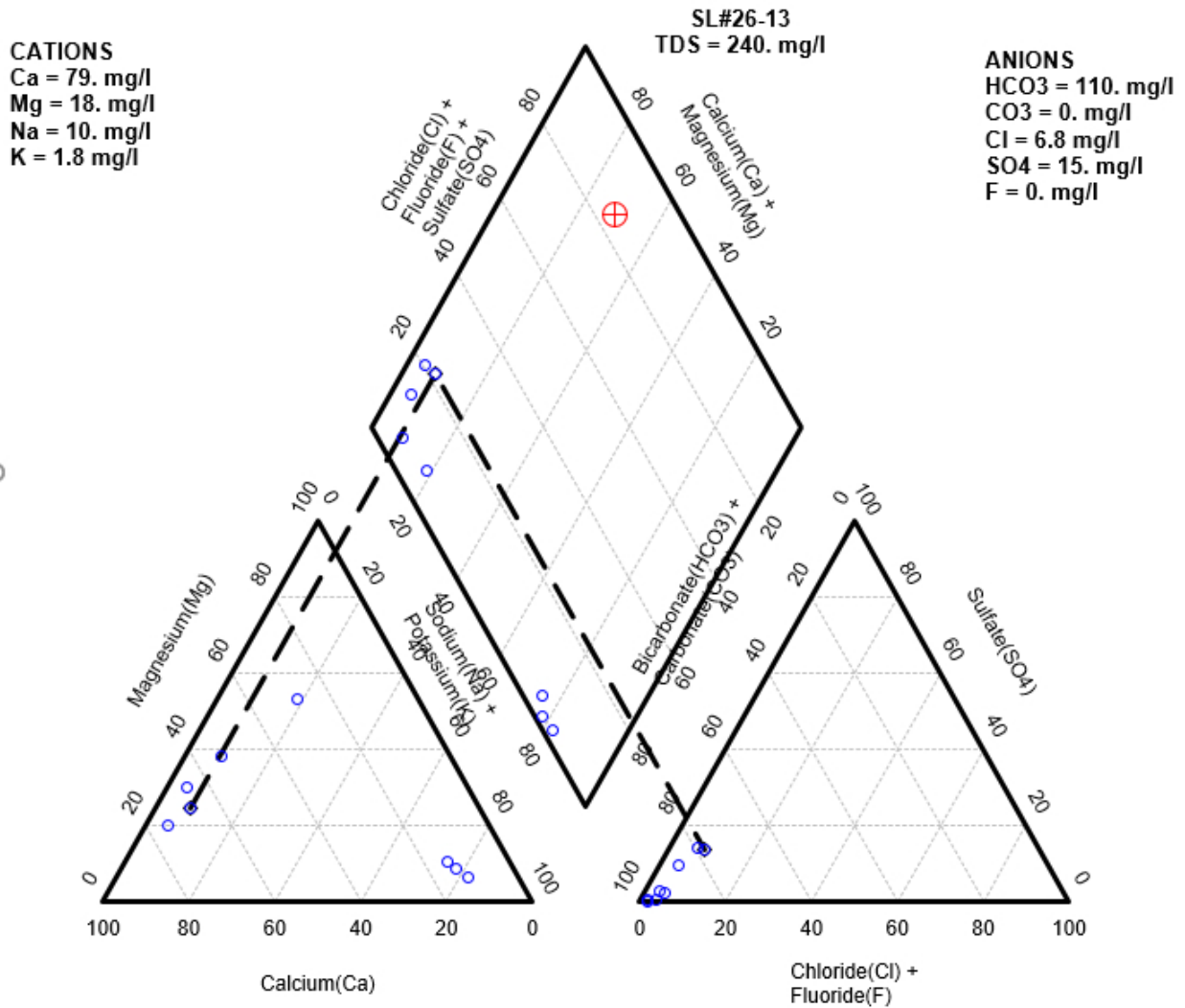


Figure G-2. Piper plot for Sand Lake #2 neighborhood indicating that the water types in this area are variable in Mg and Ca concentration as well as Na and K concentration but all are dominated by HCO₃. Dashed black line shows an example of how to read the Piper plot combining the cations and anions onto the diamond plot and the overall geochemical composition and TDS is listed for that example.

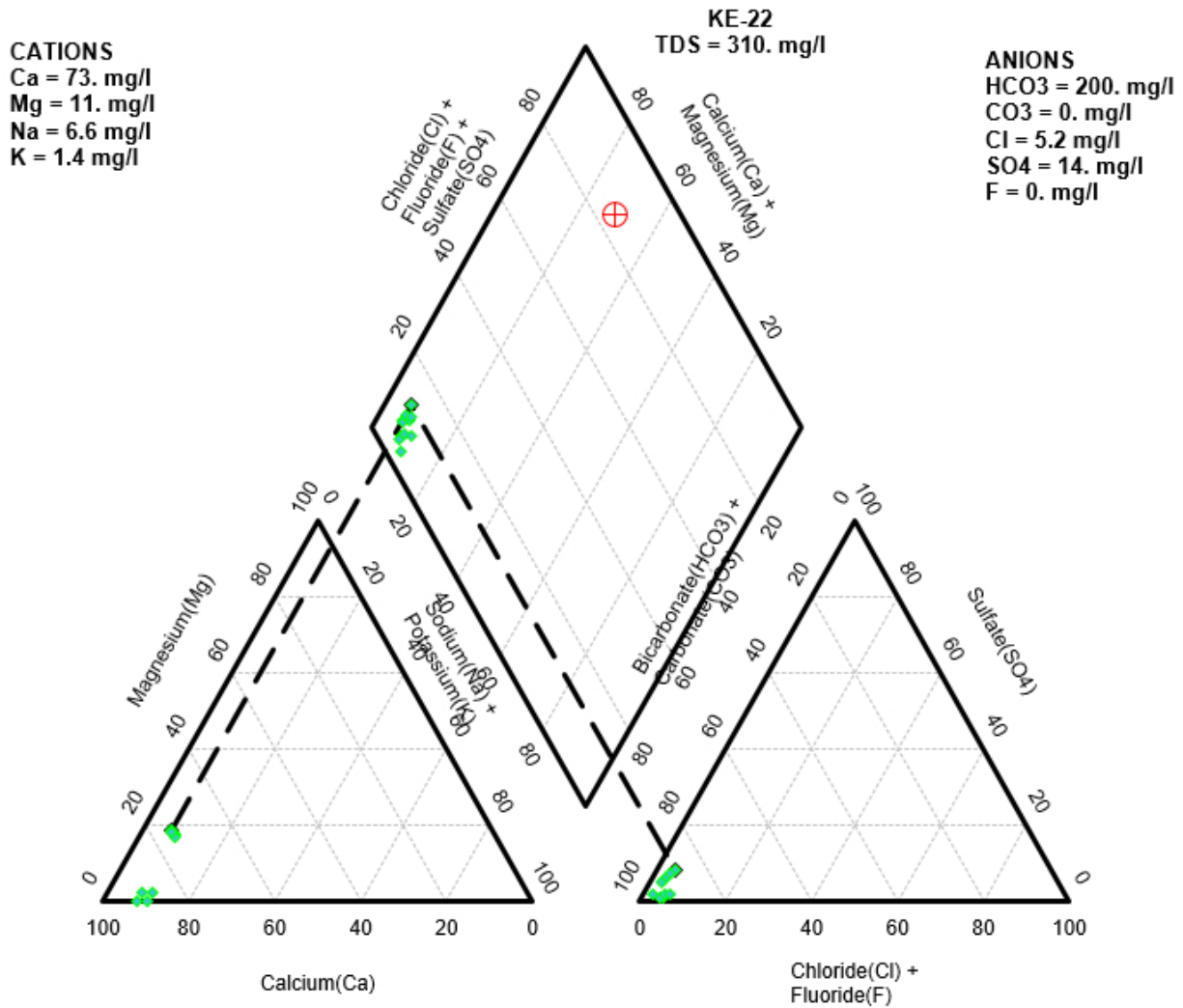


Figure G-3. Piper plot for Kincaid Estates neighborhood indicating that the water types in this area are consistently Ca-Mg-HCO₃. Dashed black line shows an example of how to read the Piper plot combining the cations and anions onto the diamond plot and the overall geochemical composition and TDS is listed for that example.

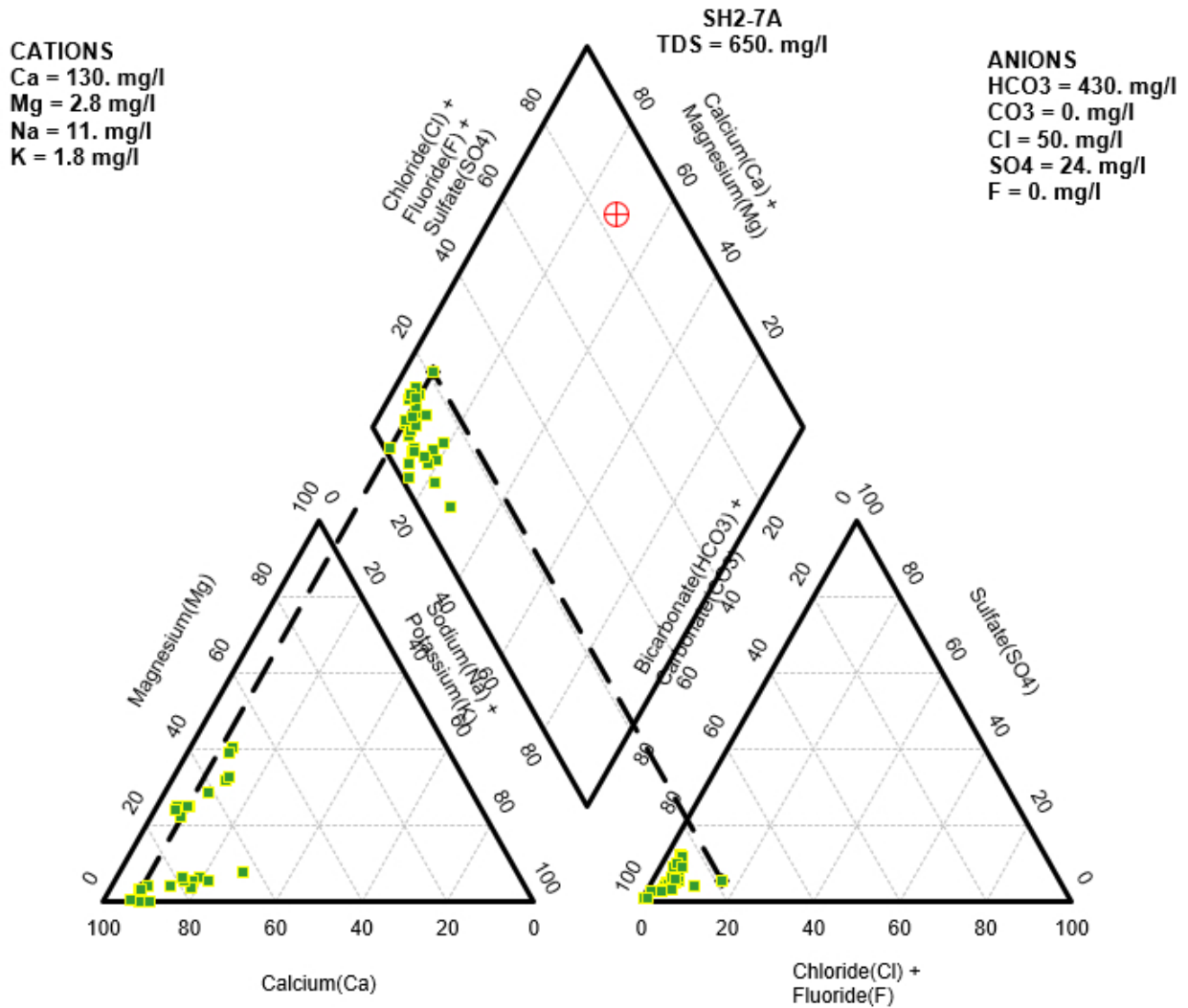


Figure G-4. Piper plot for Seaview Heights neighborhood indicating that the water types in this area are consistently Ca-Mg-HCO₃ with one group higher in Mg as compared to Ca. Dashed black line shows an example of how to read the Piper plot combining the cations and anions onto the diamond plot and the overall geochemical composition and TDS is listed for that example.

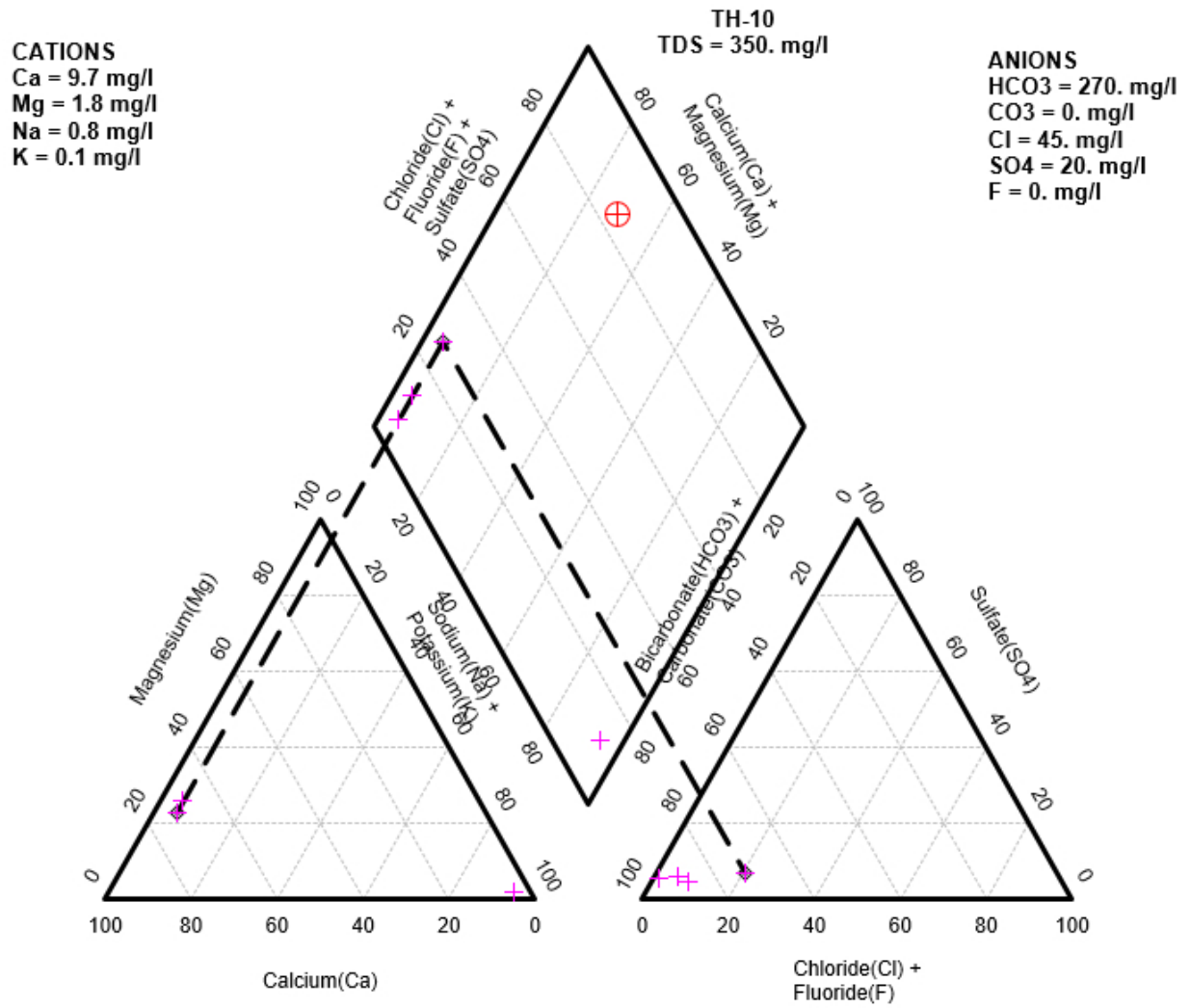


Figure G-5. Piper plot for Tanaina Hills neighborhood indicating that the water types in this area are generally Ca-Mg-HCO₃ with one sample having high Na and K as compared to Mg and Ca. Dashed black line shows an example of how to read the Piper plot combining the cations and anions onto the diamond plot and the overall geochemical composition and TDS is listed for that example.