

Figure 4.1-15a
Cation Ternary Piper Diagram for Early Warning Drilling Program Water Samples

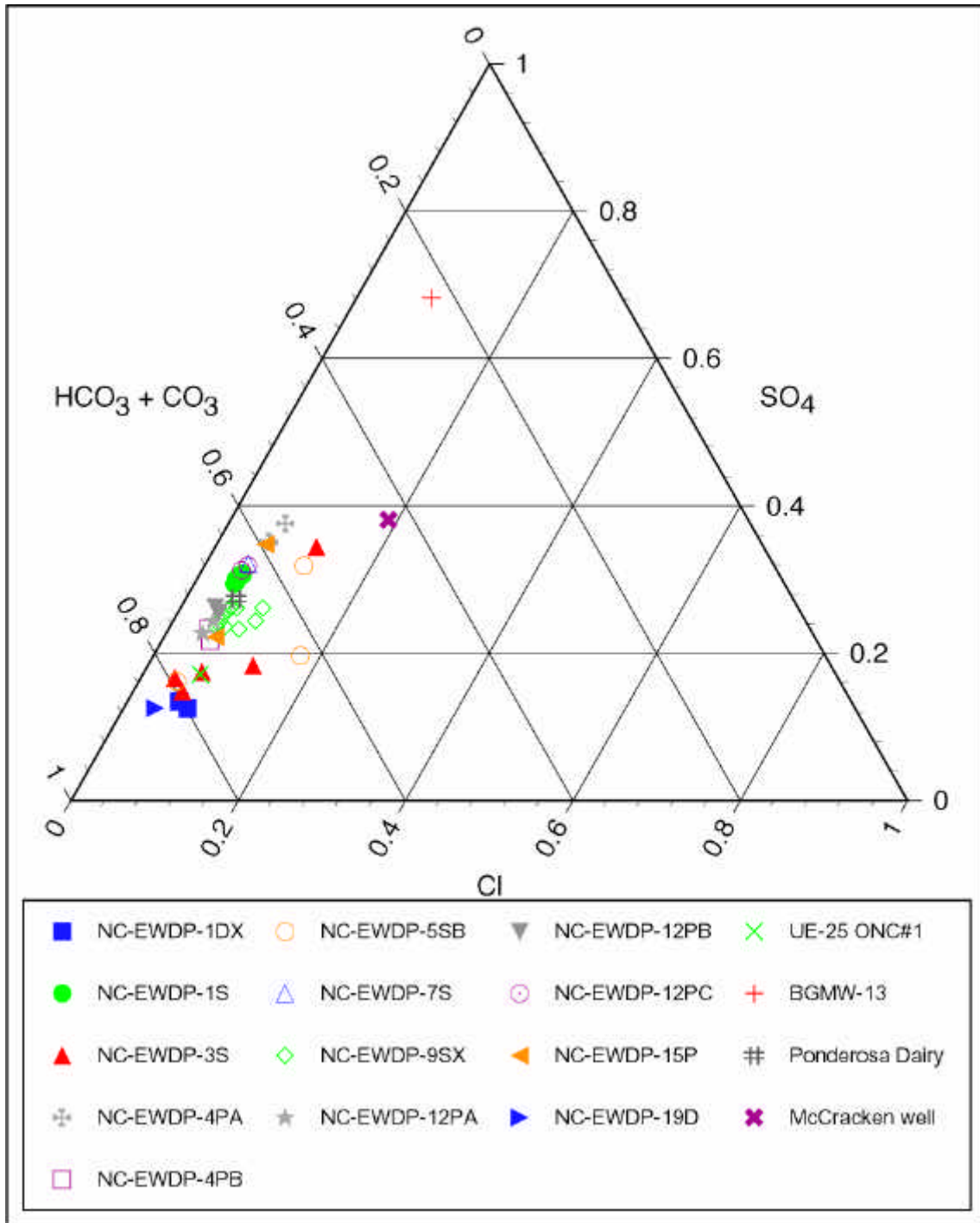


Figure 4.1-15b
Anion Ternary Piper Diagram for Early Warning Drilling Program Water Samples

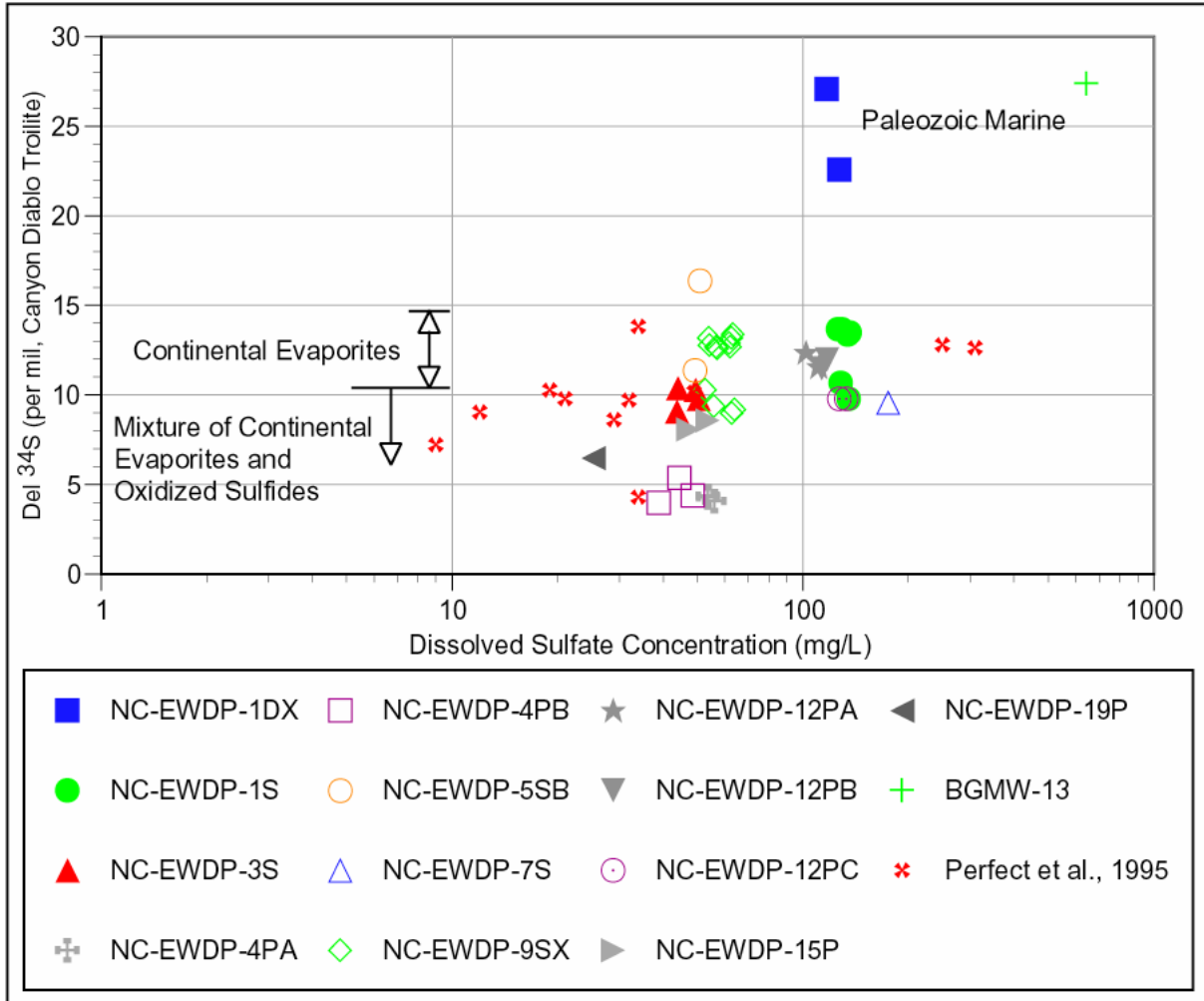
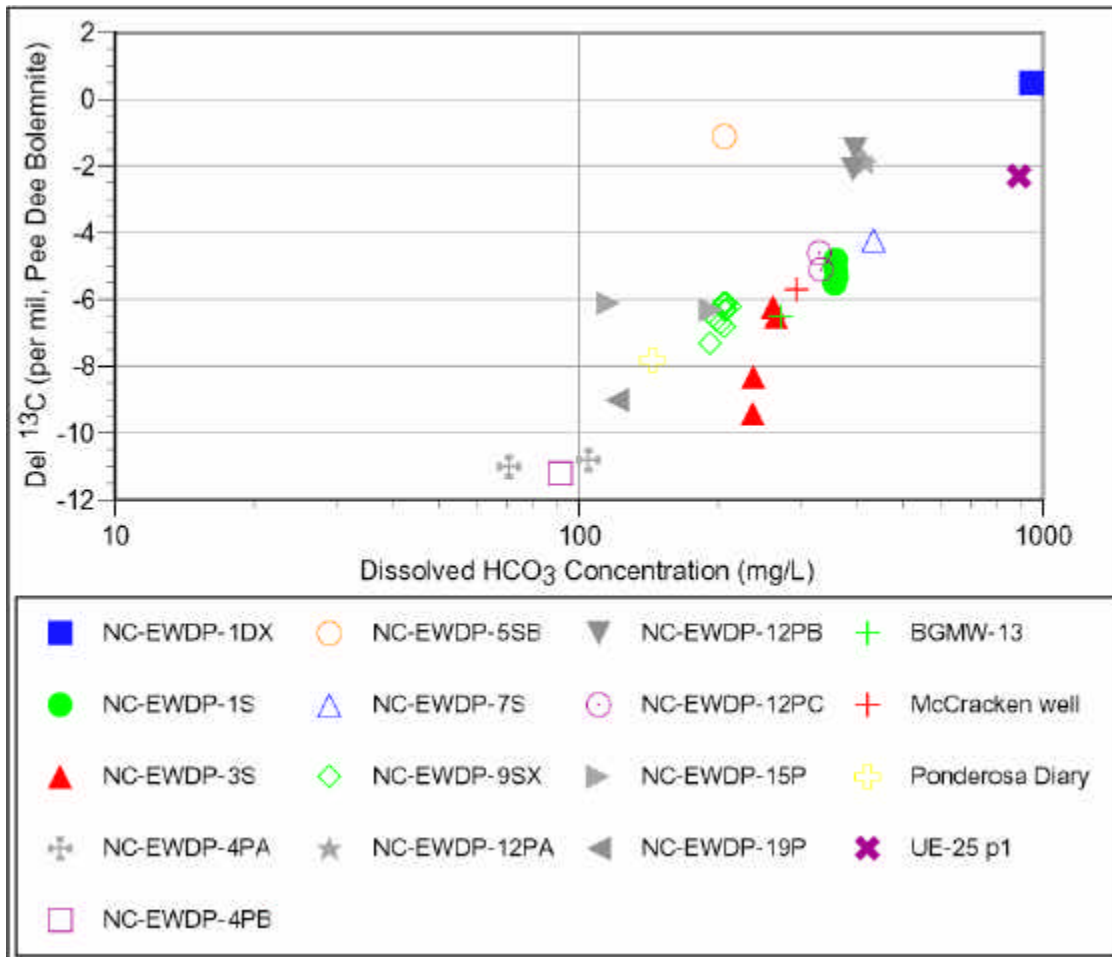


Figure 4.1-16a
Sulfur Isotopes of Sulfate and Dissolved Sulfate Concentration for Selected Early Warning Drilling Program and Other Water Samples



NOTE: Legend is the same as in Figure 4.1-16a.

Figure 4.1-16b
Stable Carbon Isotopes of Bicarbonate and Dissolved Bicarbonate
Concentration for Selected Early Warning Drilling Program Water Samples

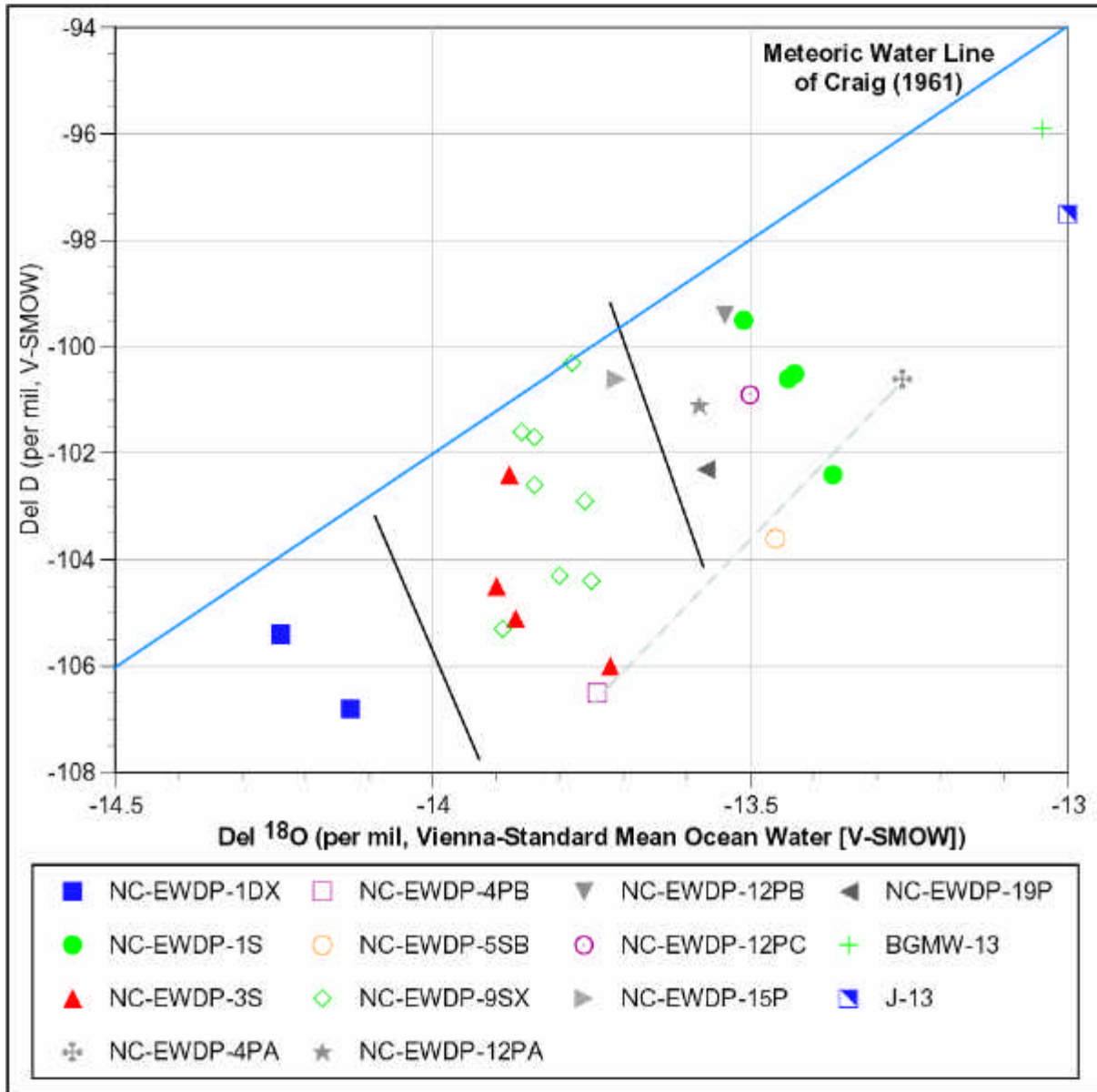
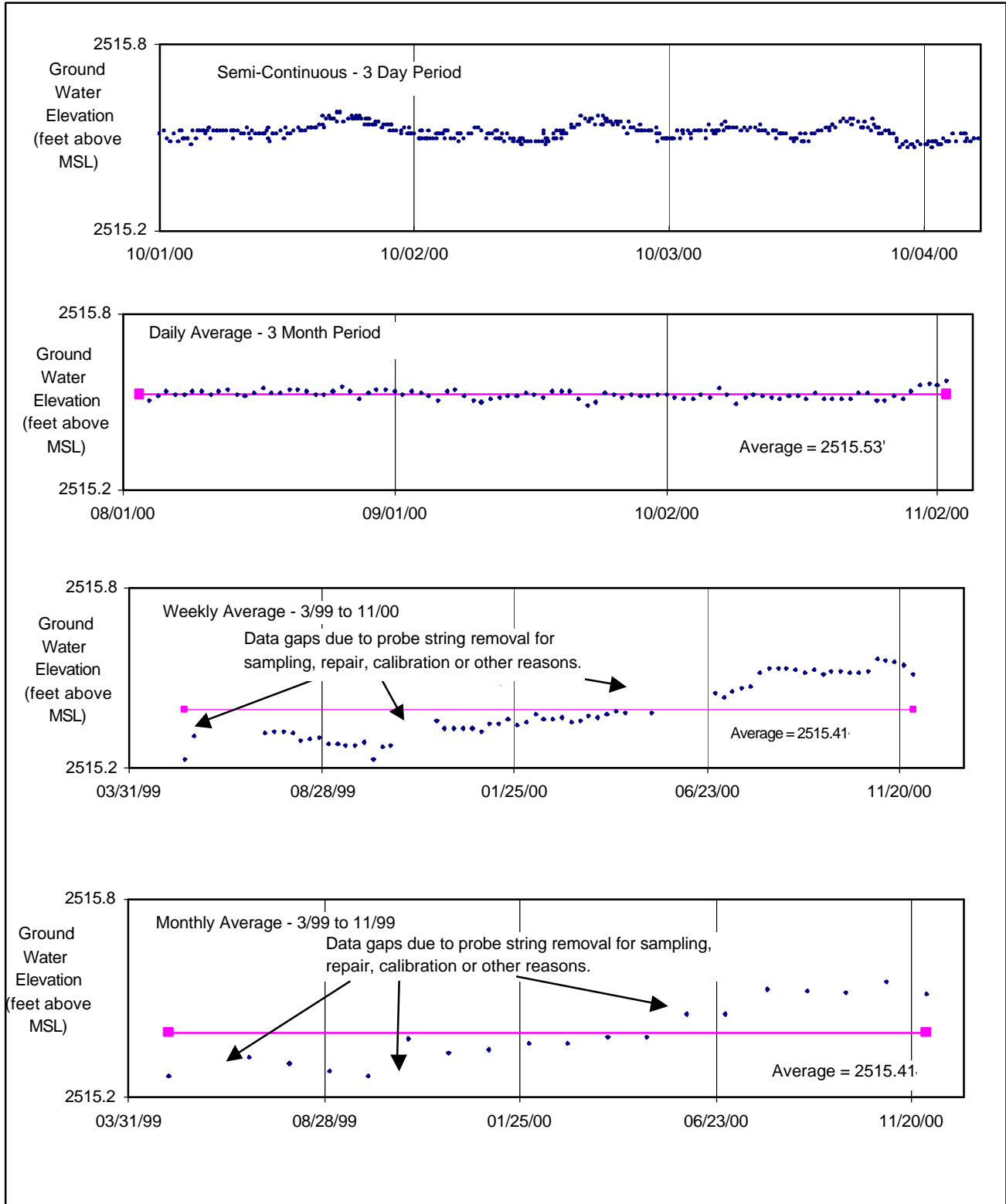


Figure 4.1-17
Stable Isotopes of Water for Selected Early Warning Drilling Program
and Other Water Samples



NOTE: MSL = mean sea level

Figure 4.1-18
Water Level Variations in NC-EWDP-9SX for Various Time Periods

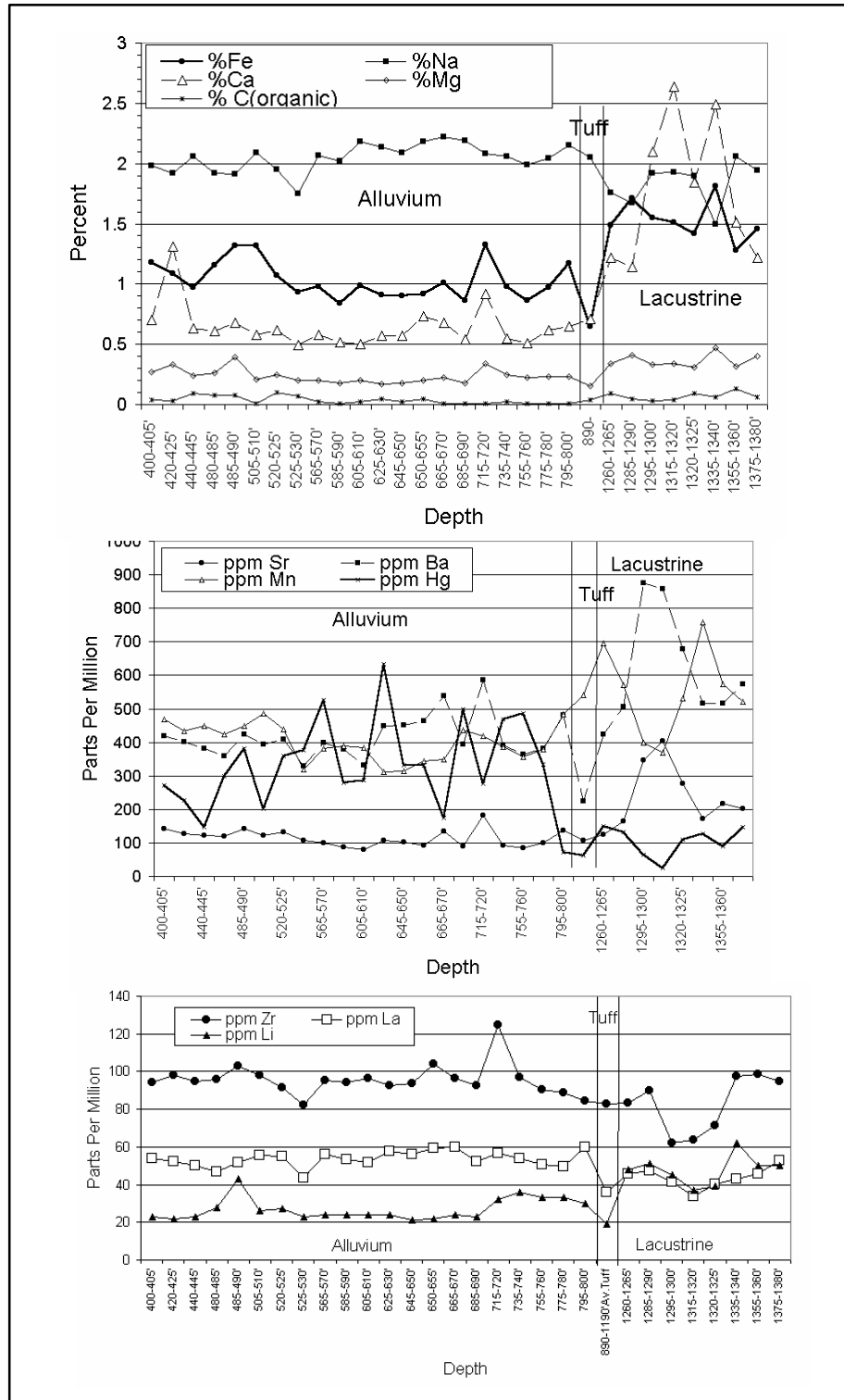


Figure 4.1-19
Trace Element Distribution, NC-EWDP-19D

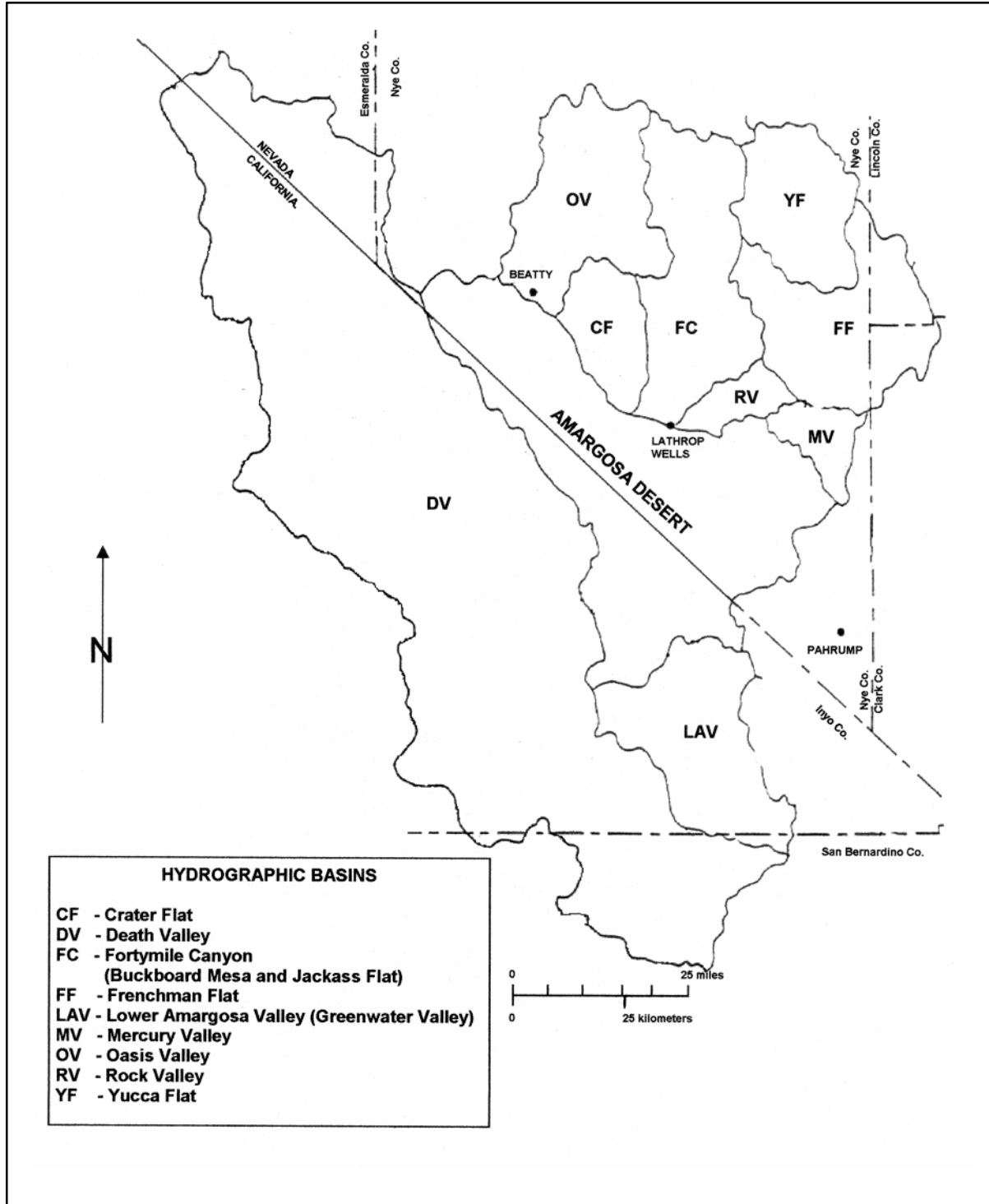


Figure 4.1-20
Watershed/Hydrographic Basin Boundaries

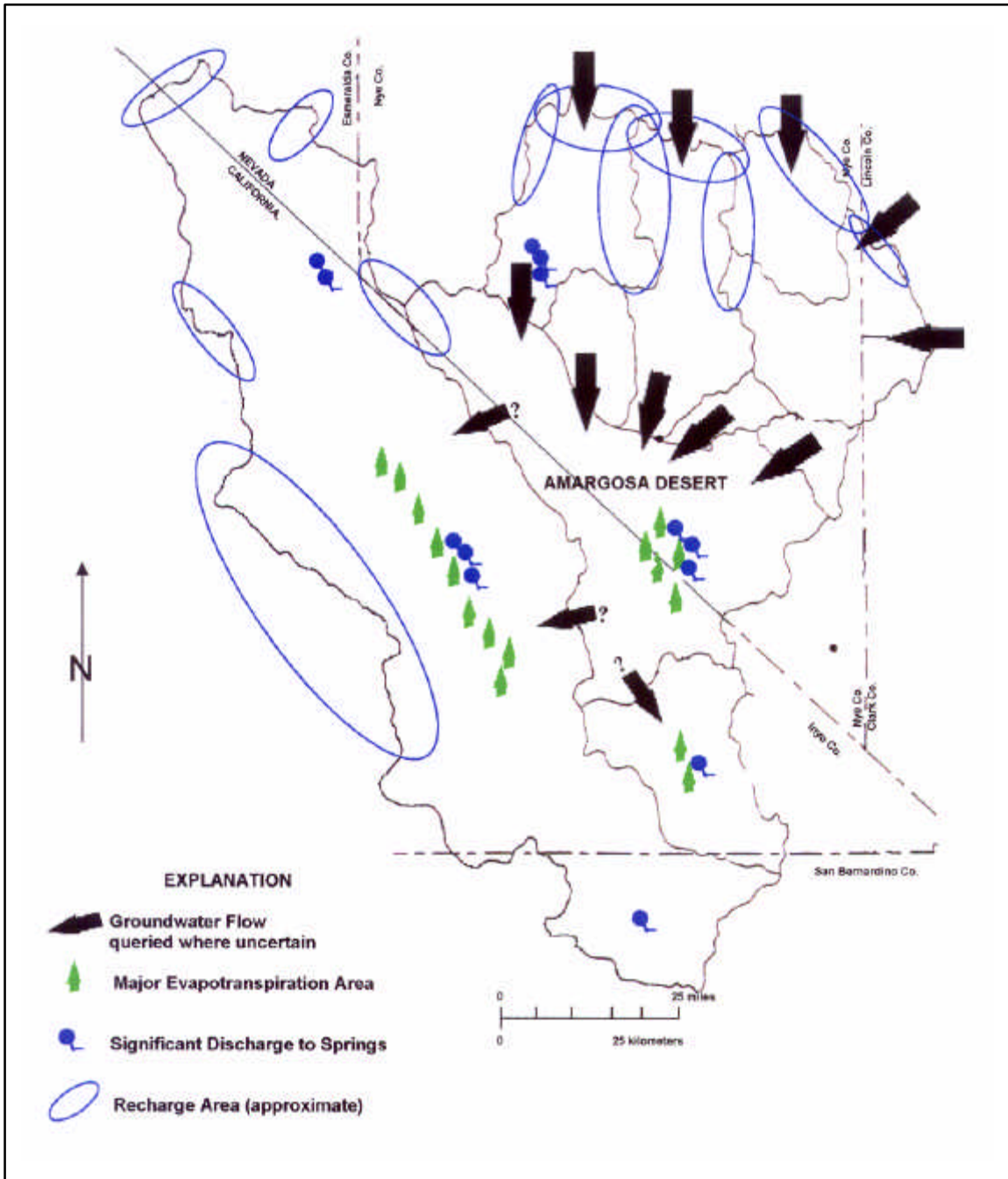


Figure 4.1-21
Recharge to and Discharge from Amargosa Desert

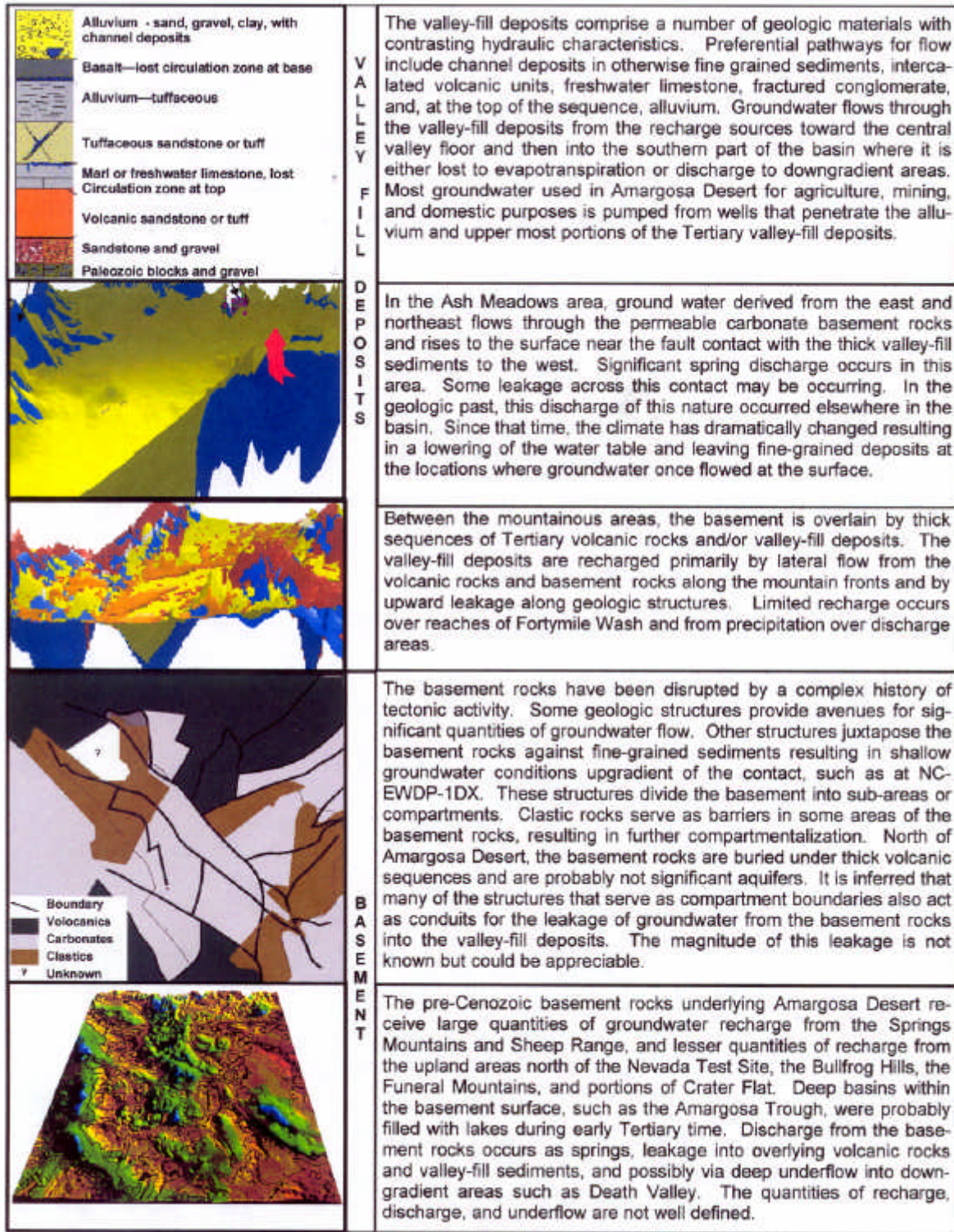
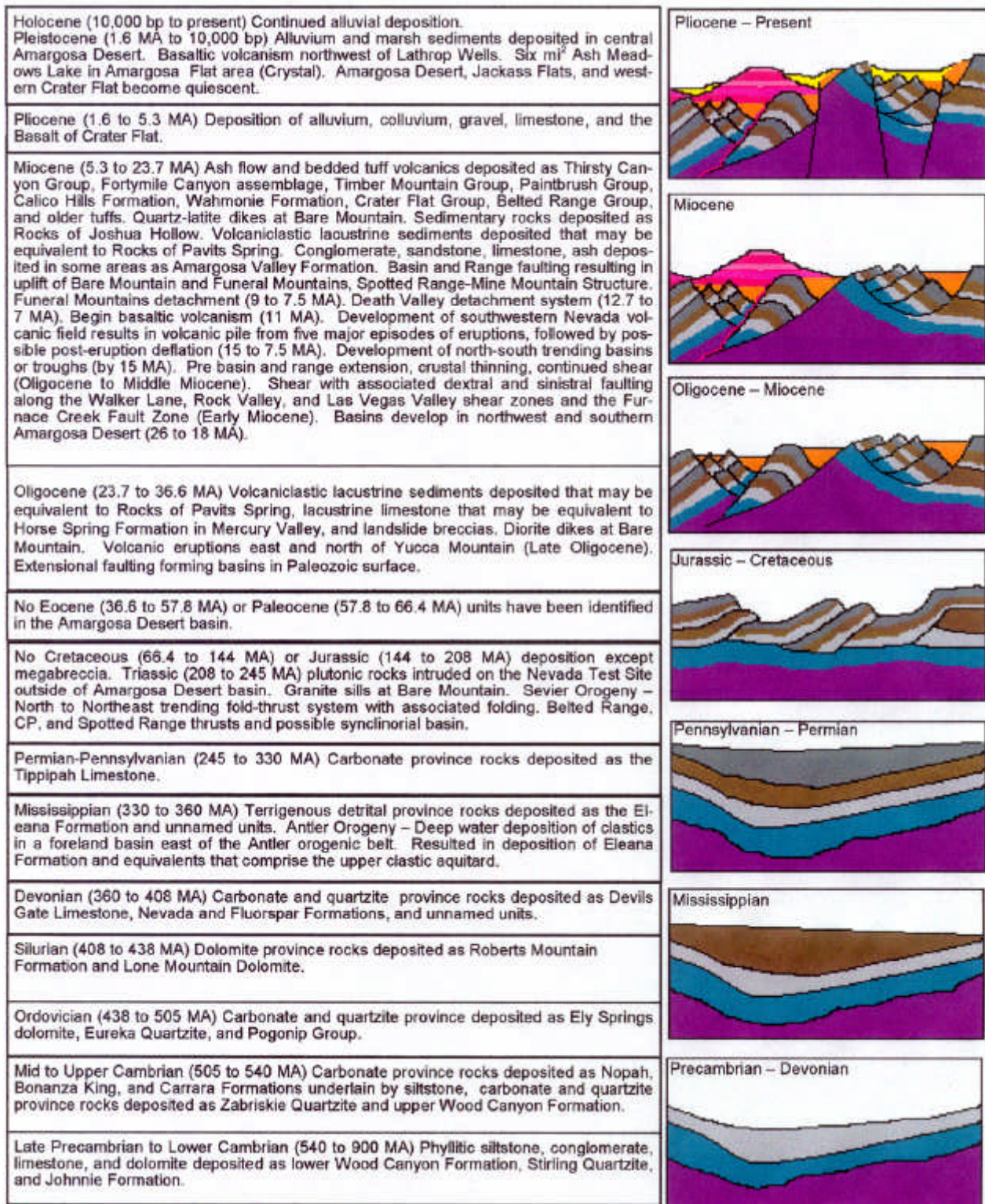


Figure 4.1-22
Preliminary Hydrogeologic Conceptual Model of Amargosa Desert



Source: Based primarily on Burbey (1997), Stewart (1980), and DOE (1998)

Figure 4.1-23
Summary Geologic History of the Evolution of Hydrostratigraphic Units of the Amargosa Desert