

## **APPENDIX C:**

### **Ternary Diagrams:**

**Elemental concentrations of Fe, Si, Ca and Mg, the four major elements comprising inosilicate and phyllosilicate mineralogy, i.e. amphiboles, identified in the rocks of northeastern Minnesota:**

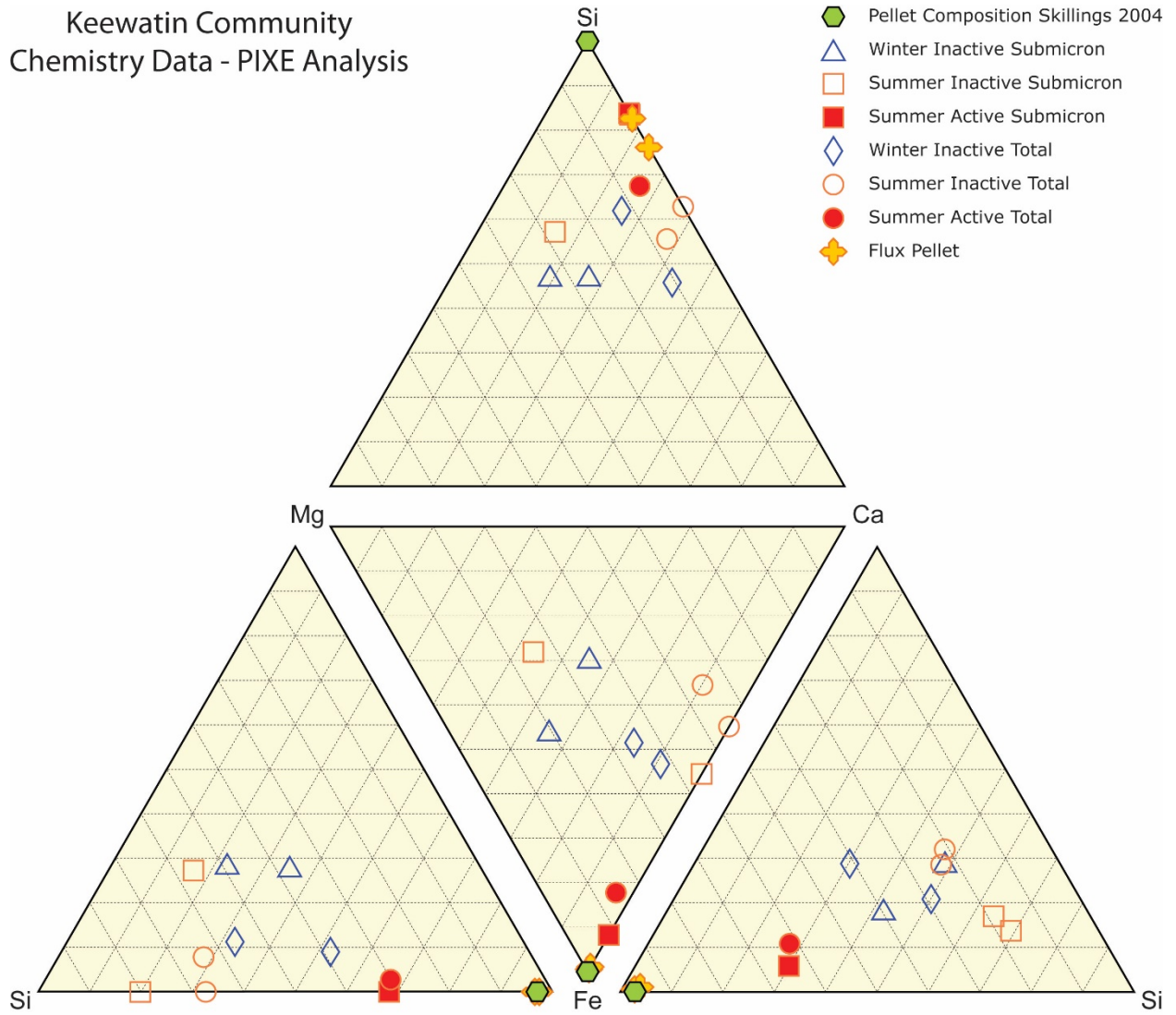
### **MIR Community Locations**

### **Background Locations**

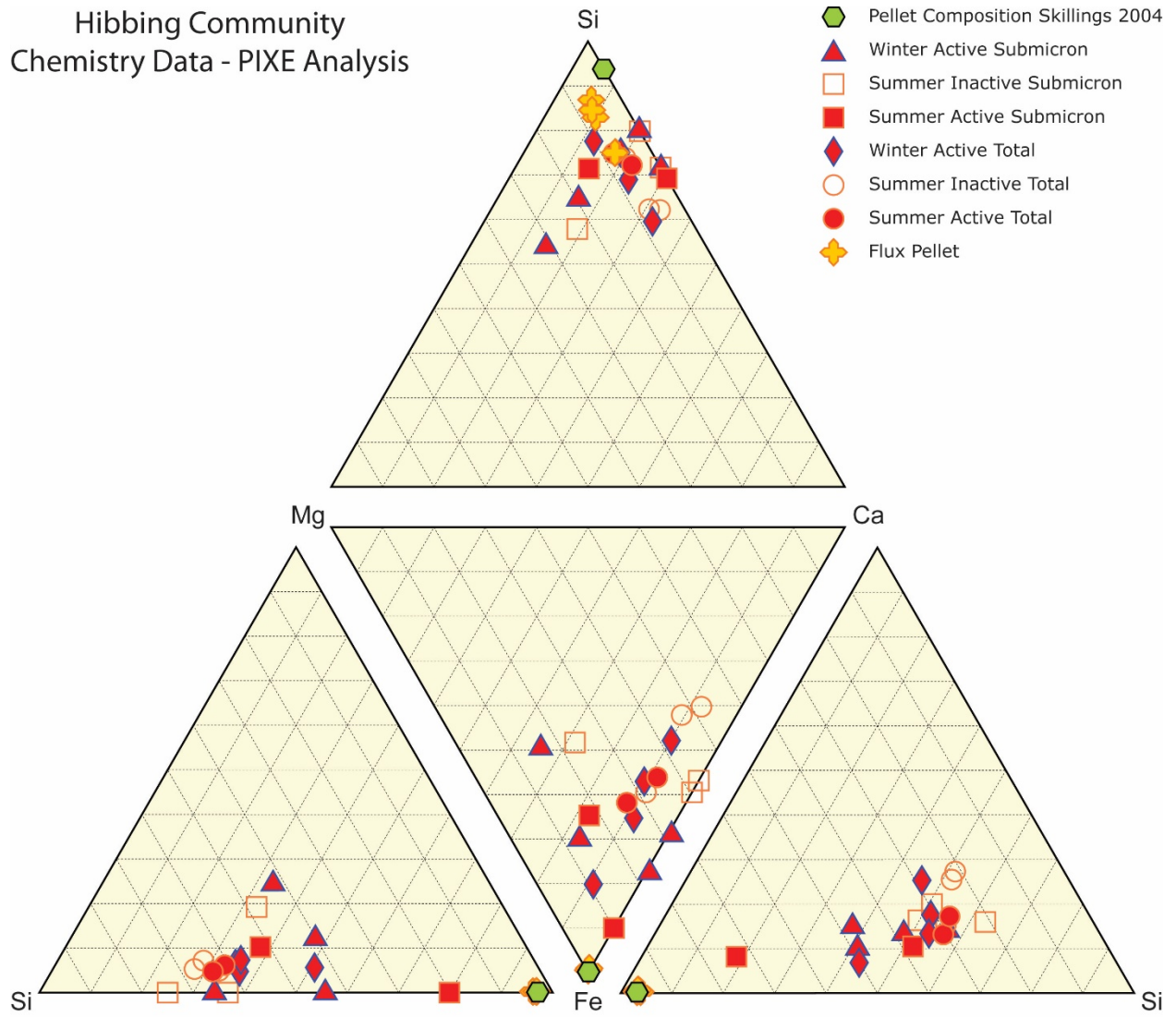
### **MIR Plant Locations**

# MIR Community Locations

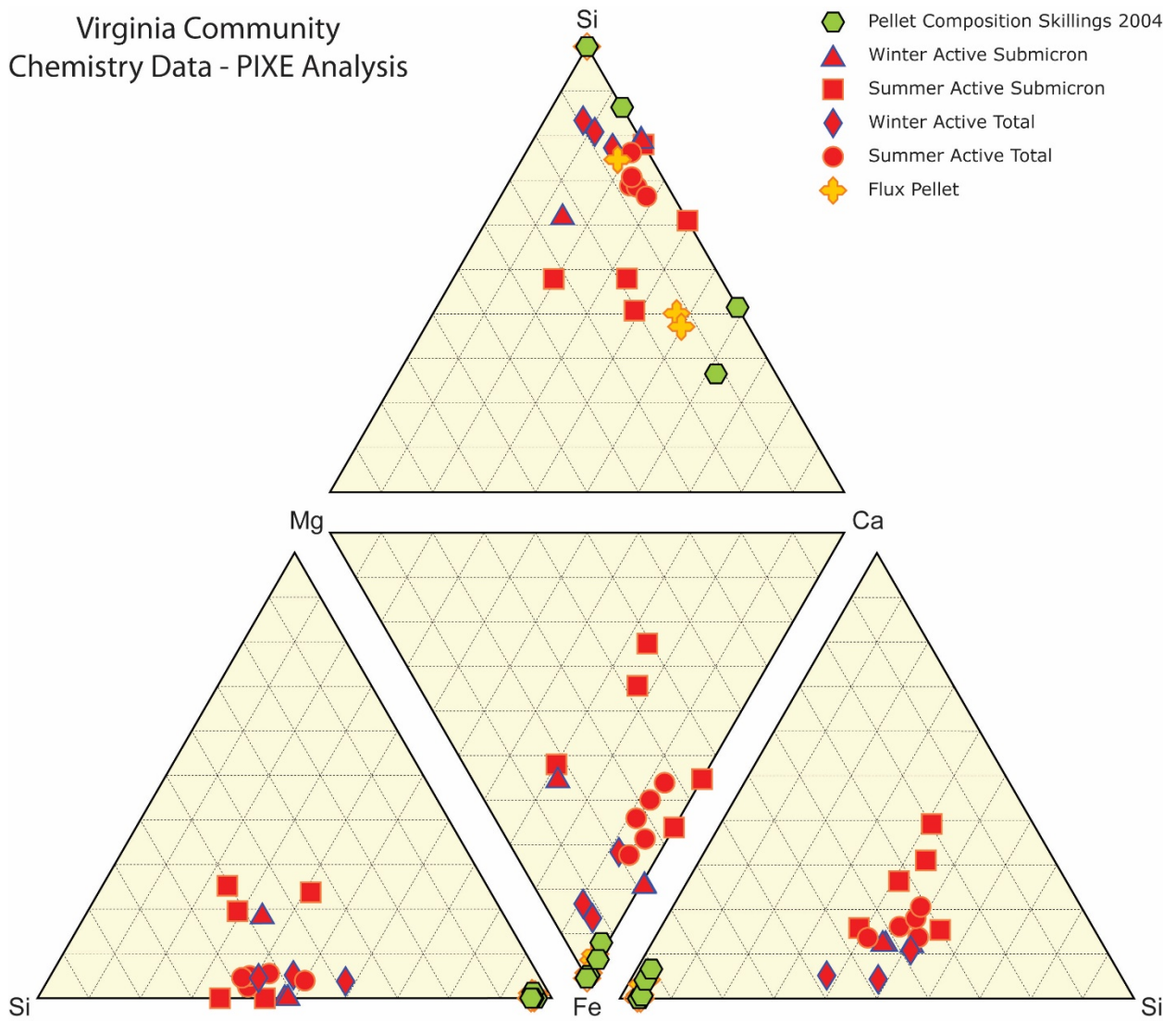
## Keewatin Community Chemistry Data - PIXE Analysis



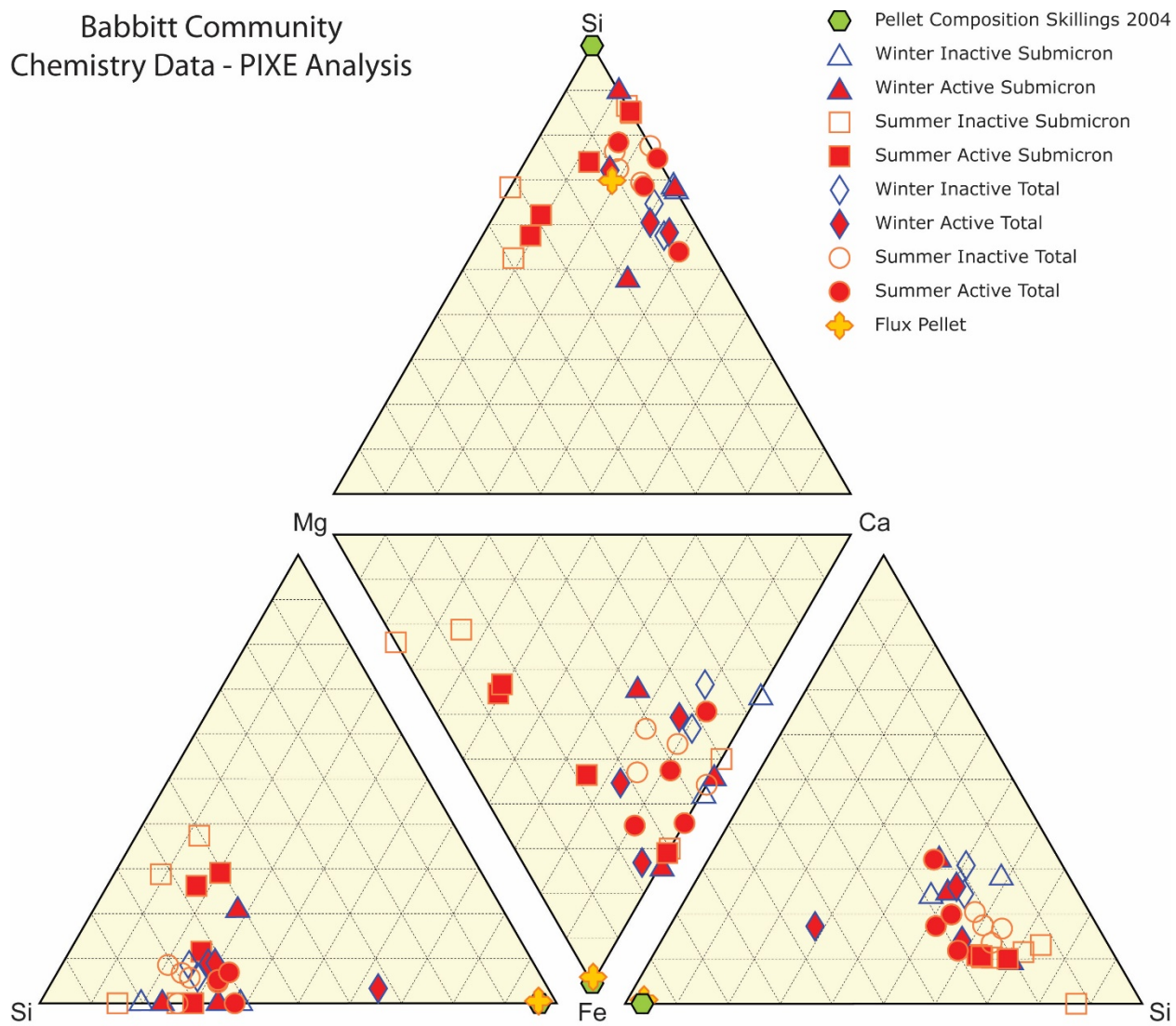
# Hibbing Community Chemistry Data - PIXE Analysis



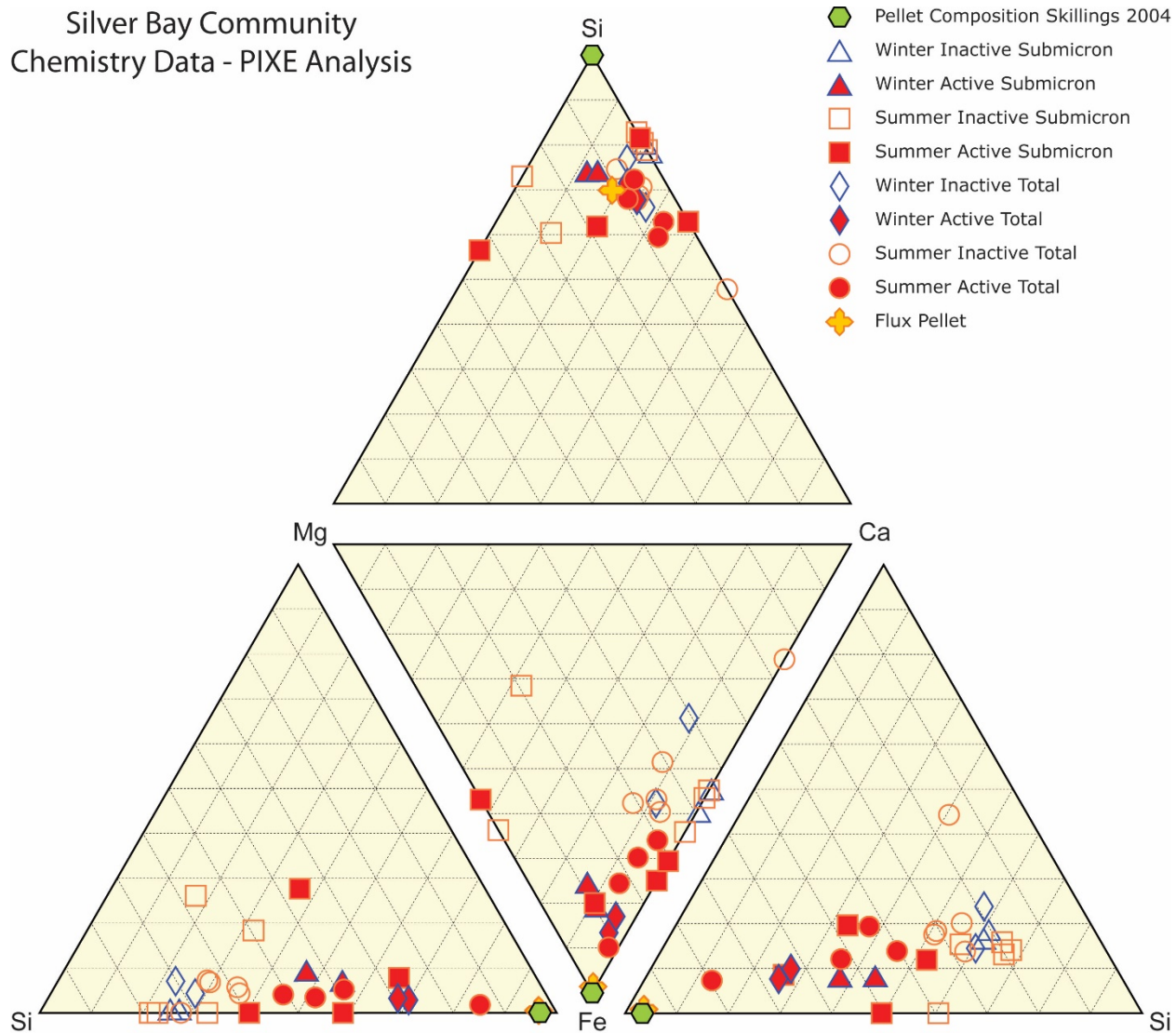
# Virginia Community Chemistry Data - PIXE Analysis



# Babbitt Community Chemistry Data - PIXE Analysis

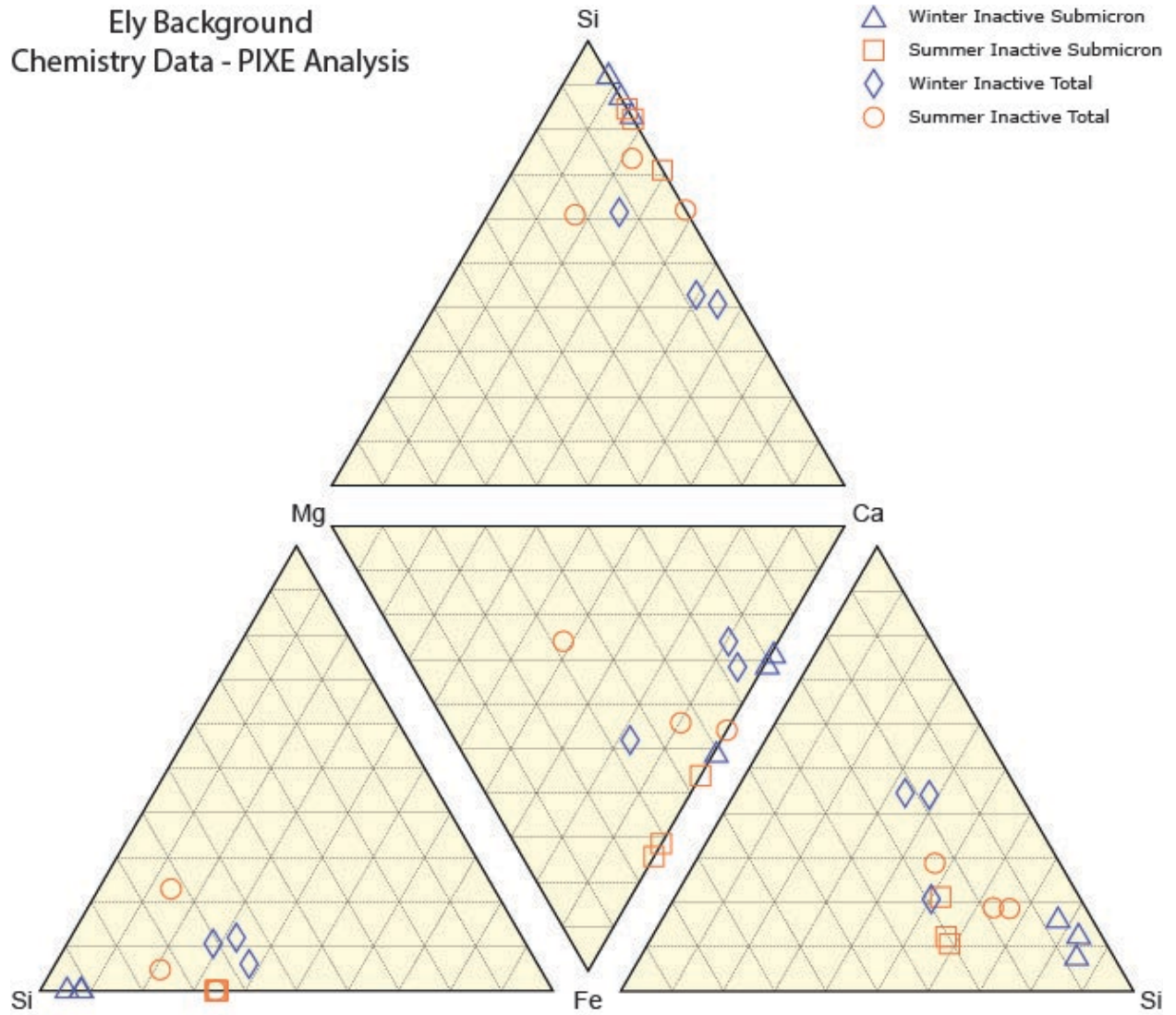


# Silver Bay Community Chemistry Data - PIXE Analysis

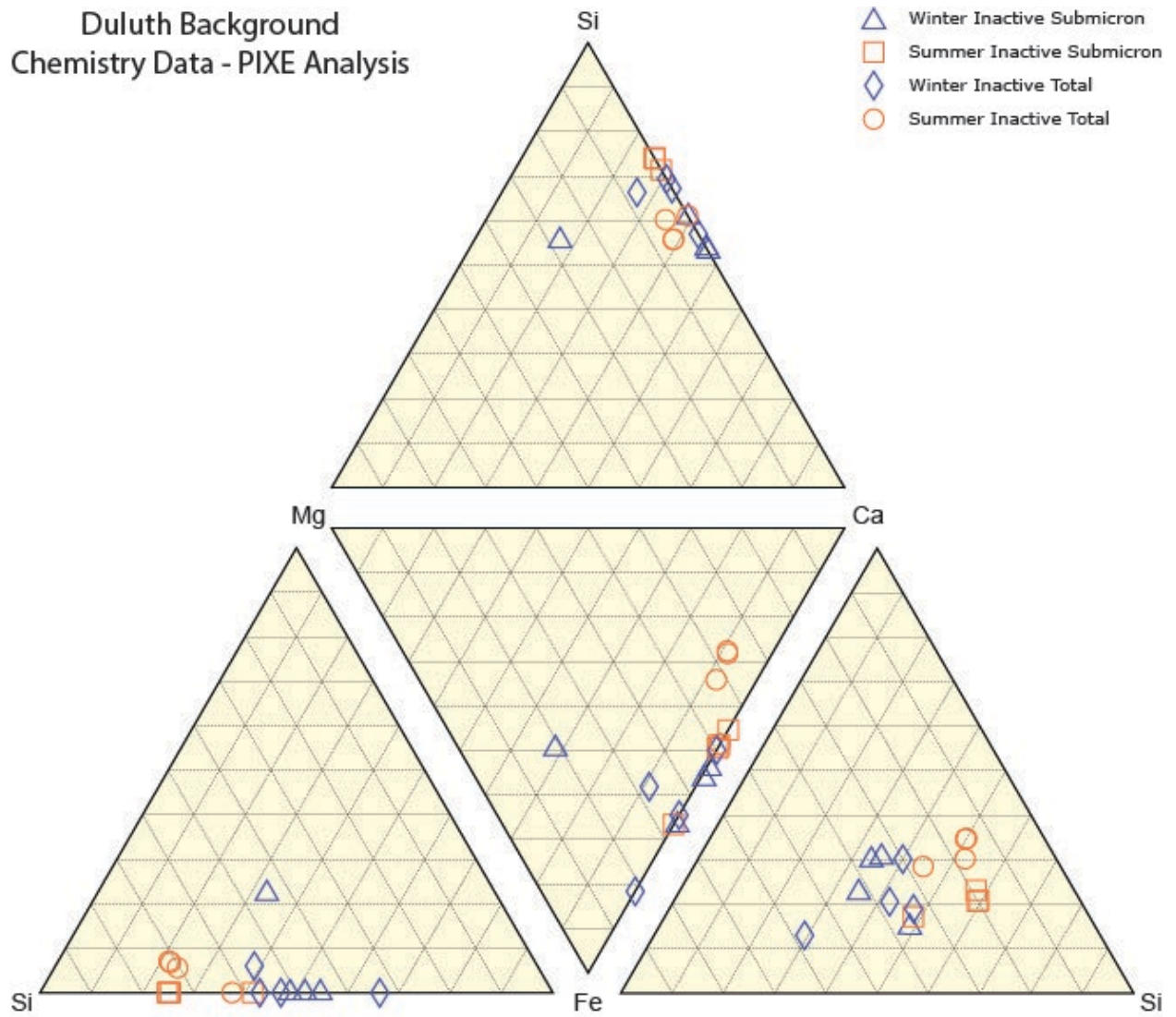


# Background Locations

## Ely Background Chemistry Data - PIXE Analysis



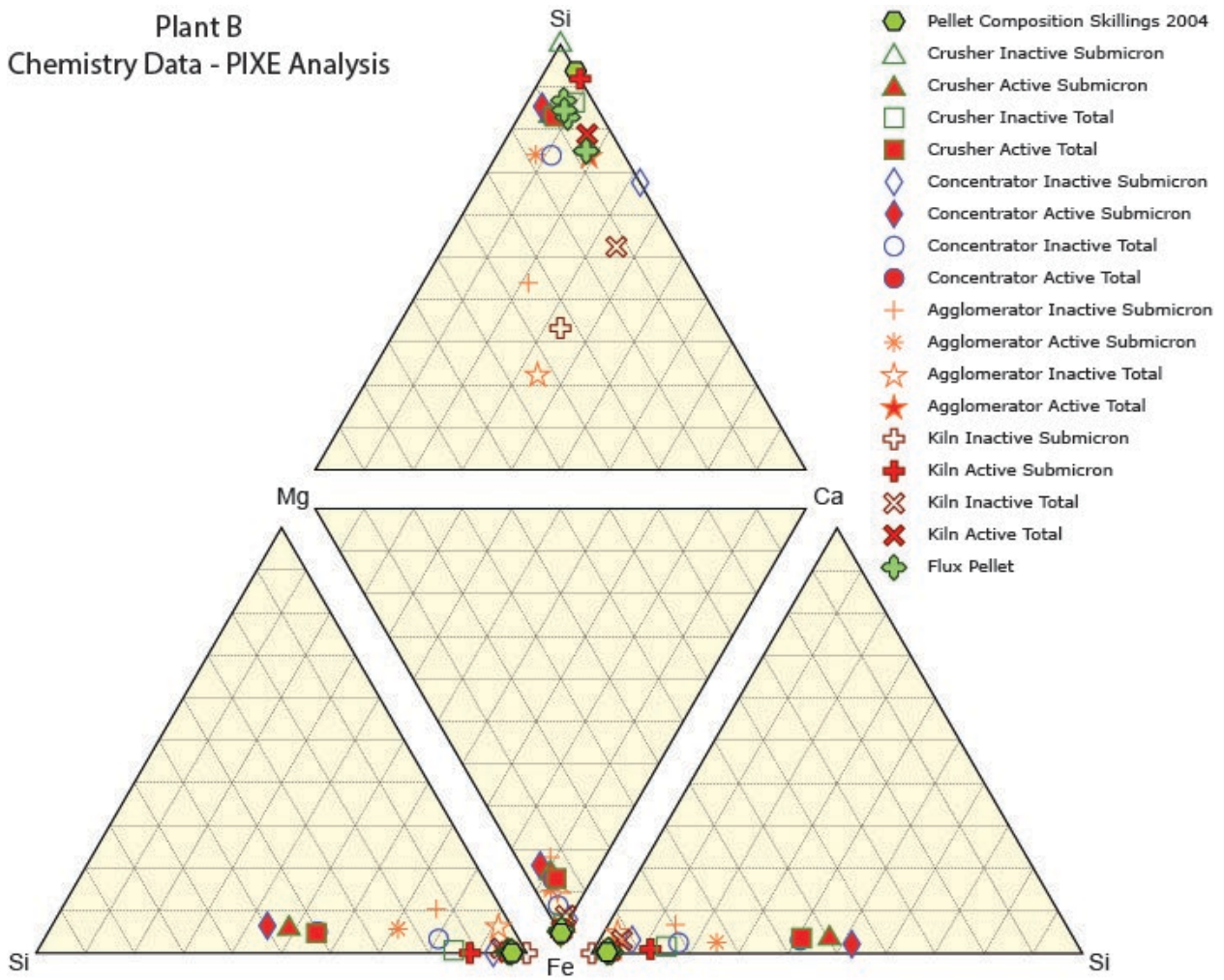
# Duluth Background Chemistry Data - PIXE Analysis



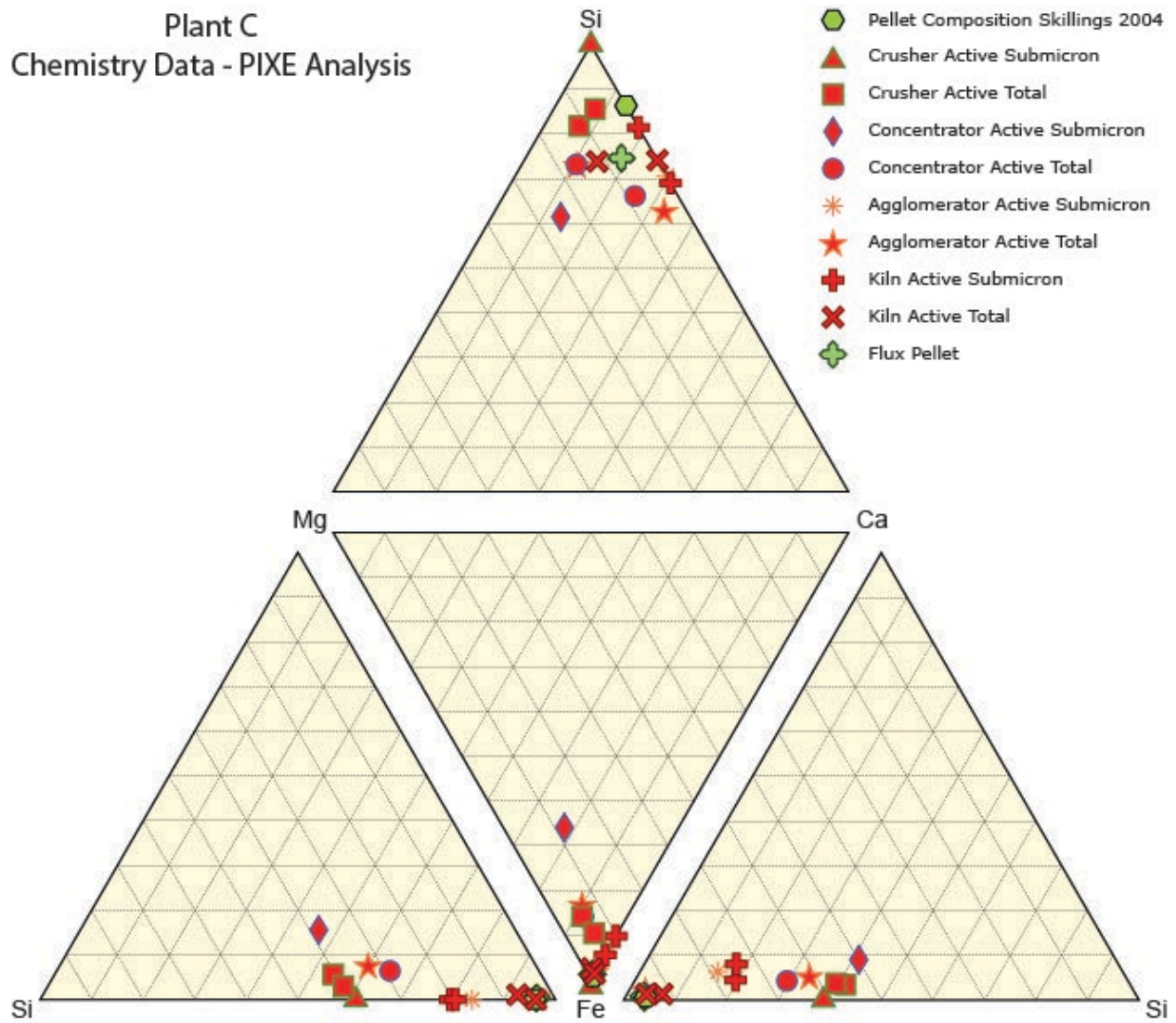




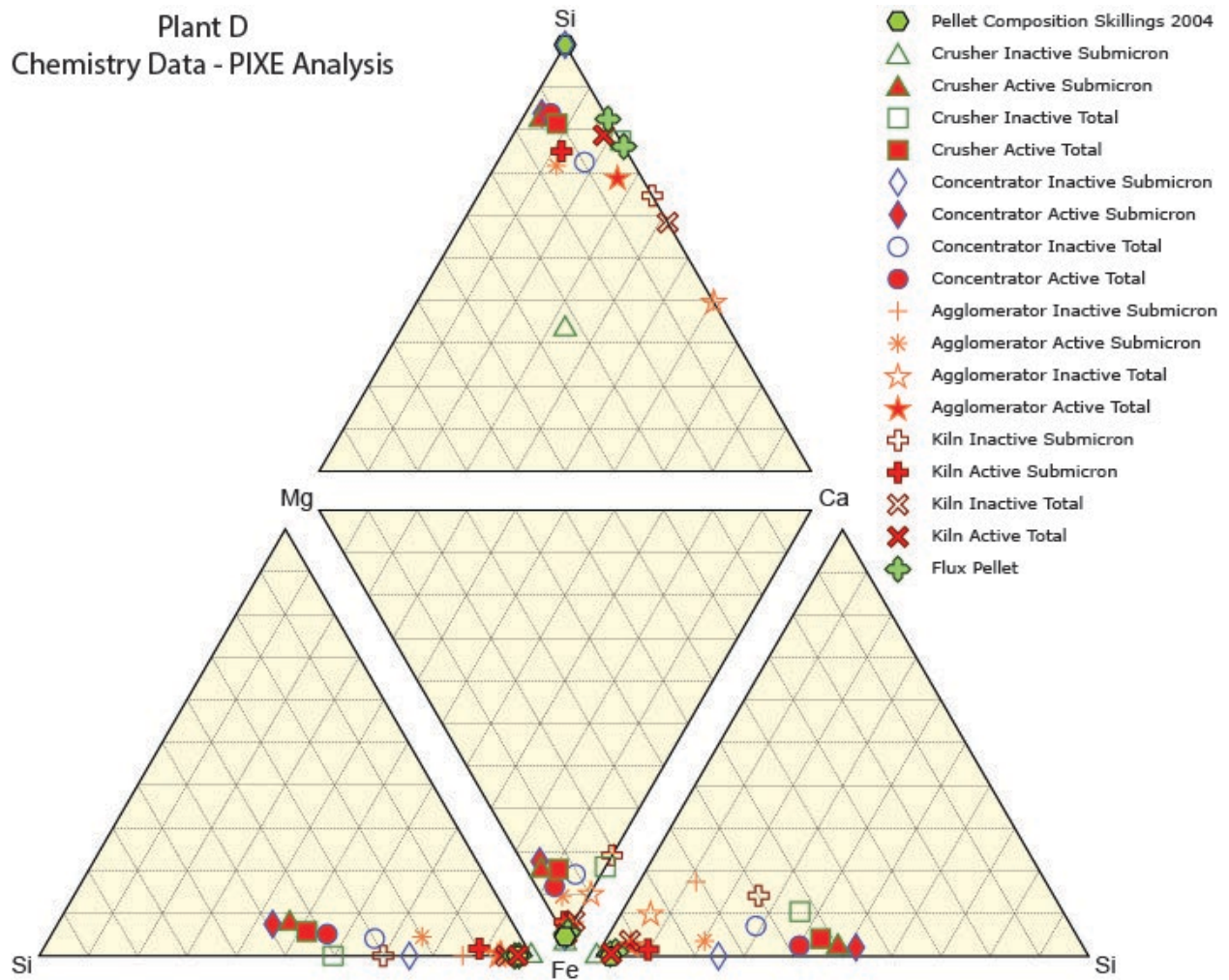
Plant B  
Chemistry Data - PIXE Analysis



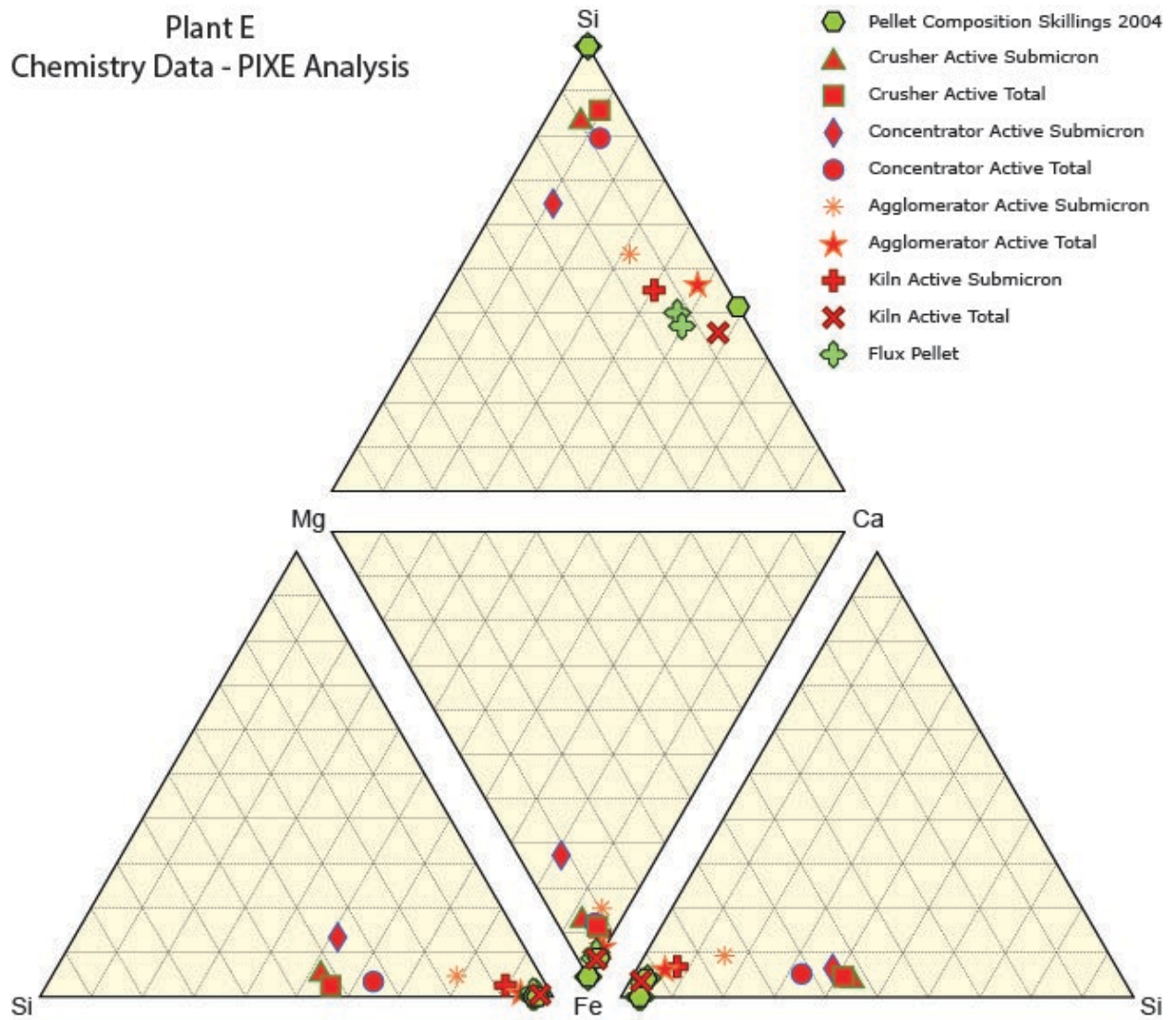
Plant C  
Chemistry Data - PIXE Analysis



Plant D  
Chemistry Data - PIXE Analysis



Plant E  
Chemistry Data - PIXE Analysis



Plant F  
Chemistry Data - PIXE Analysis

