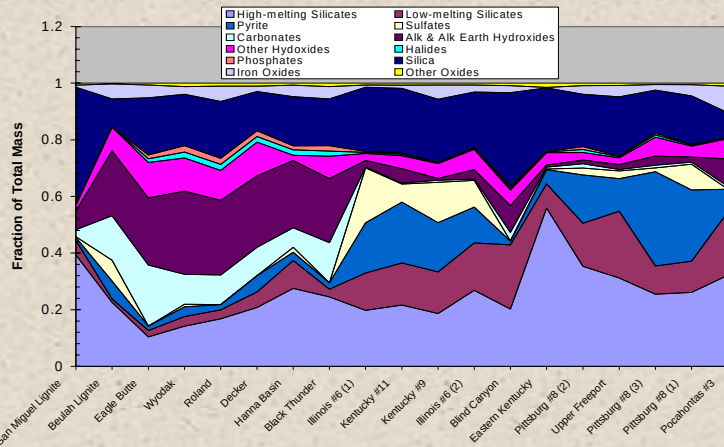


Chemical Fractionation of Coals

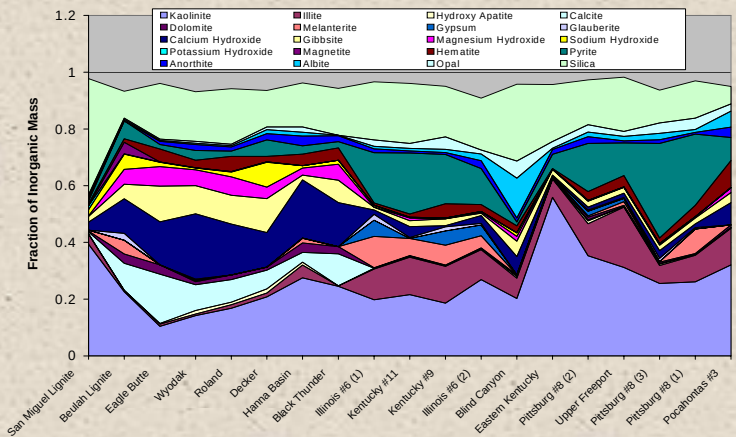
Reid Mason, Clinton Sheffield, Larry Baxter

BYU is developing a fuel characterization technique known as chemical fractionation that determines inorganic species composition in coals.

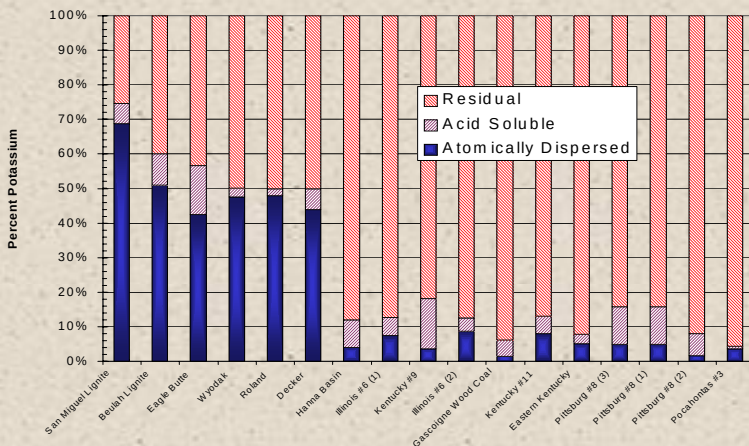
ASTM has scheduled preliminary standardization discussions for this summer.



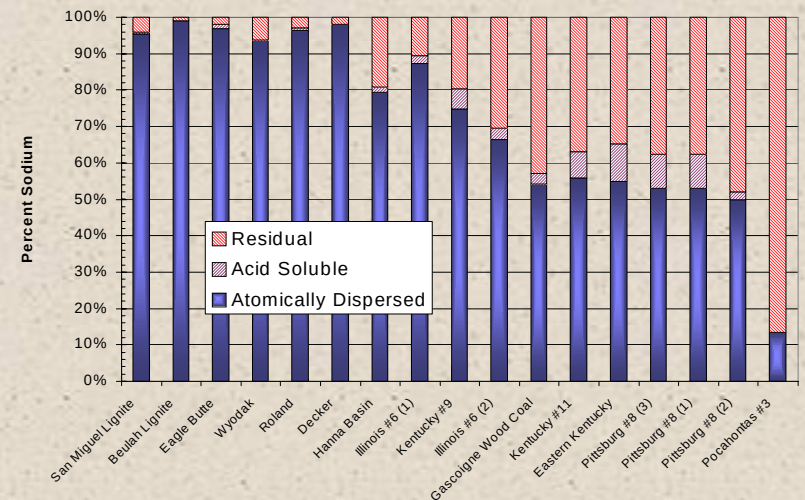
This graph shows by coal rank the total mass fraction of minerals in coals



This graph shows by coal rank the mass fraction of minerals coming from coals



This graph shows the leaching of potassium in coals after Chemical Fractionation



This graph shows the leaching of sodium in coals after Chemical Fractionation