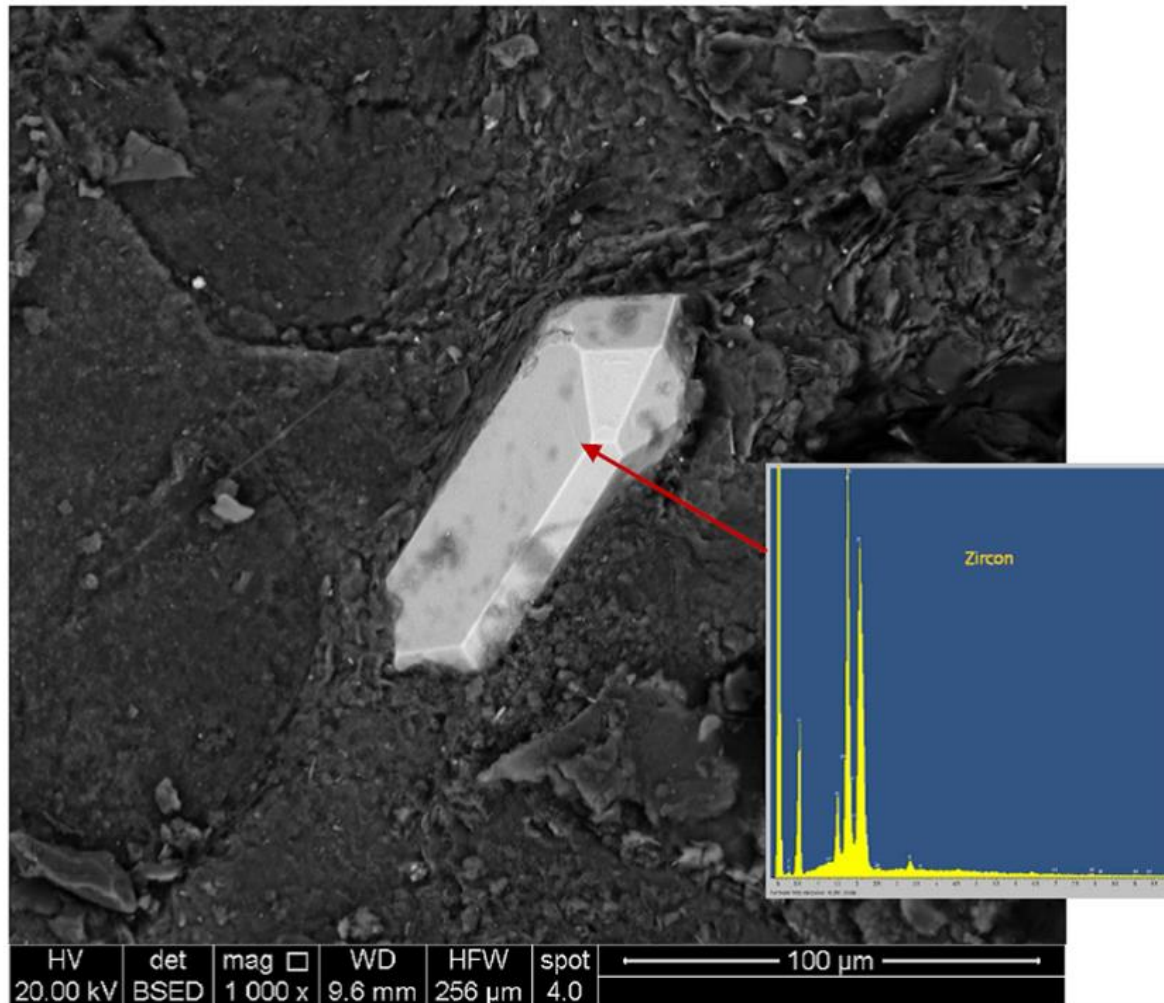


Morgantown, WV Workshop

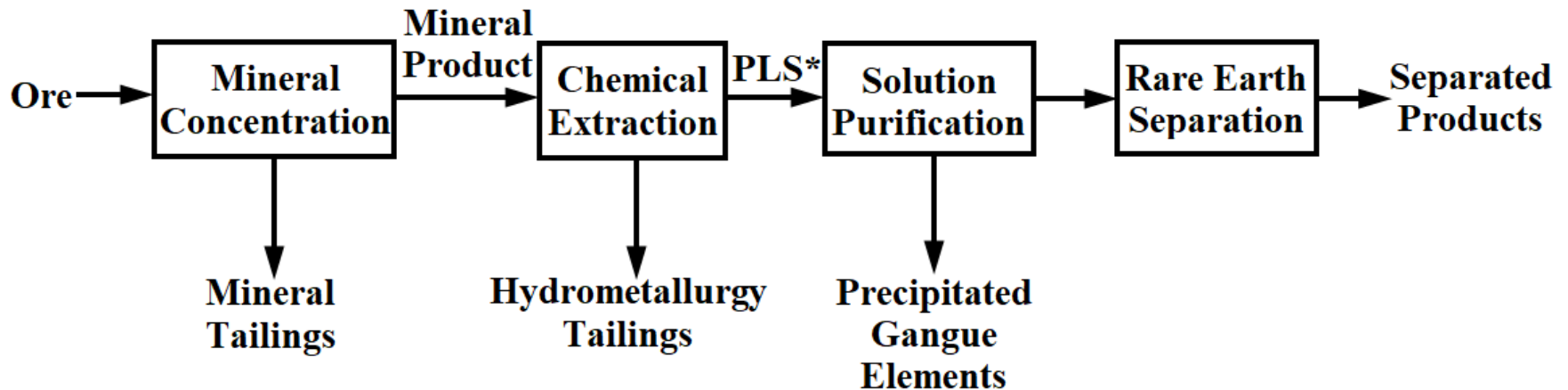
8-9 August, 2016

- **95 Participants**
- **Industry Sectors:**
 - Mining
 - Concentration
 - REE Separation and Sales
- **Universities**
- **DOE**
- **Other Federal Agencies**
- **Discussion Questions:**
 - What is Required to Produce a Rare Earth Feedstock?
 - What is Required to Physically Concentrate a Rare Earth Feedstock?
 - What is Required to Produce Water Soluble Mixed REE Concentrate?
 - What is Required to Produce Salable REE Products?

Rare Earth-Bearing Mineral Grain in Appalachian Rock



Rare Earth Ore to Rare Earth Compounds: The Value Chain



***PLS = Pregnant Leach Solution**

Chemical Extraction is “most of the cost”- Verbaan et al., 2014

Why Geology is Important

