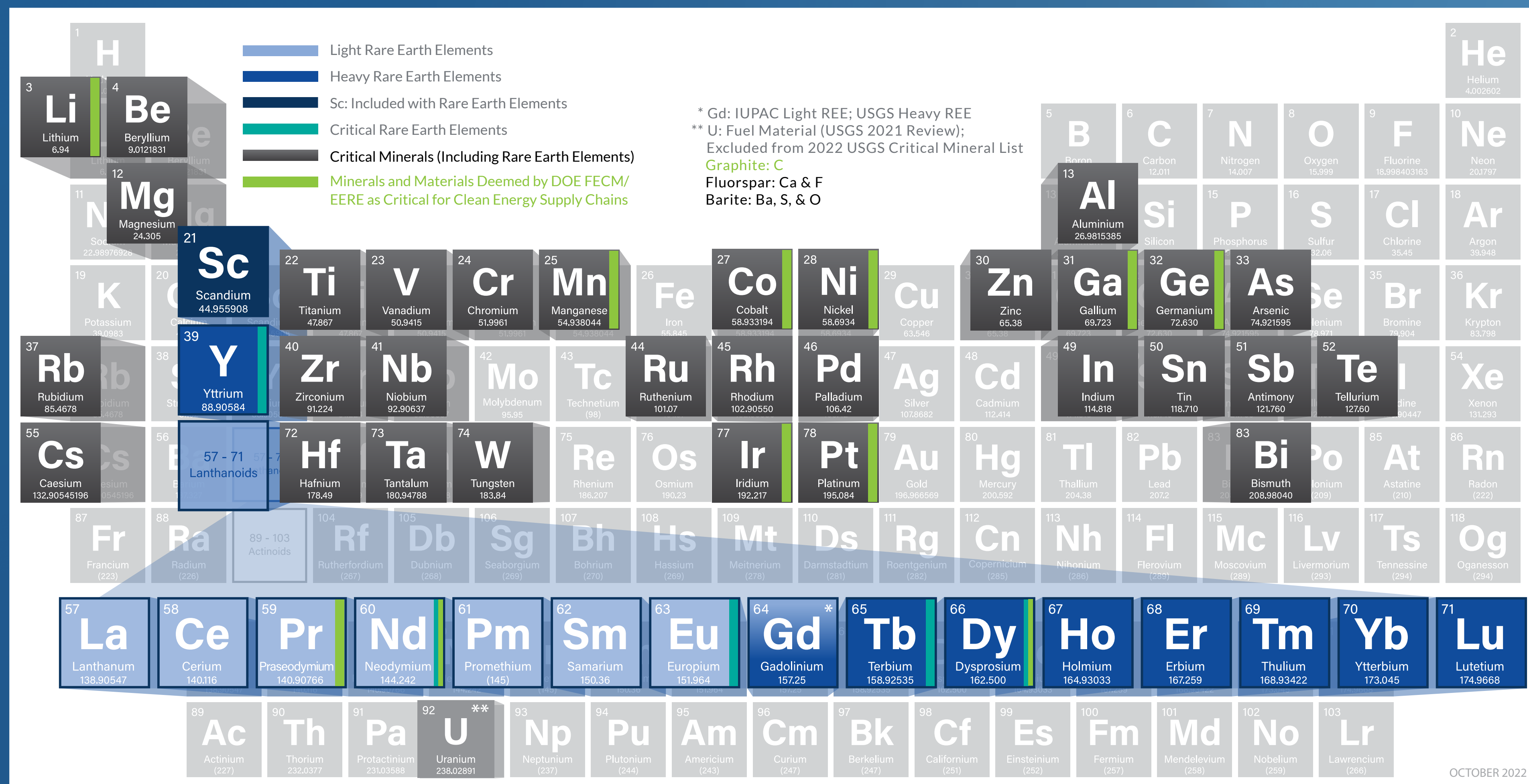


# CRITICAL MINERALS AND MATERIALS PROJECTS REACHING IMPORTANT MILESTONES WITH NETL SUPPORT

*Six recently selected projects are helping the U.S. move toward a sustainable supply chain of critical minerals and materials (CMMs), including rare earth elements (REEs).*



Six projects recently selected by NETL have made great strides toward strengthening the nation's supply chains of valuable CMMs, including REEs.

- Milestones achieved to date include characterizing midstream REE concentrates and conducting value analyses to determine the recoverable value of REEs from acid mine drainage.
- If successful, these projects will revitalize distressed, coal-producing communities with new industries and employment opportunities.
- These projects could also help insulate domestic manufacturers from supply disruptions by creating a sustainable domestic REE and CMM supply chain.

## RESEARCH PRIORITY



**DOMESTIC CRITICAL MINERALS PRODUCTION**

## PERFORMERS

**MICROBEAM**  
TECHNOLOGIES, INC.

**THE UNIVERSITY OF UTAH**

**University of Kentucky**

**FLORIDA POLYTECHNIC UNIVERSITY**

**West Virginia University**  
**RESEARCH CORPORATION**

**UND**  
NORTH DAKOTA

NETL ANNUAL  
**ACCOMPLISHMENTS**  
2023



U.S. DEPARTMENT OF  
**ENERGY**

Fossil Energy and  
Carbon Management



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