

# Oregon Department of Geology and Mineral Industries

## USGS Earth Mapping Resource Initiative

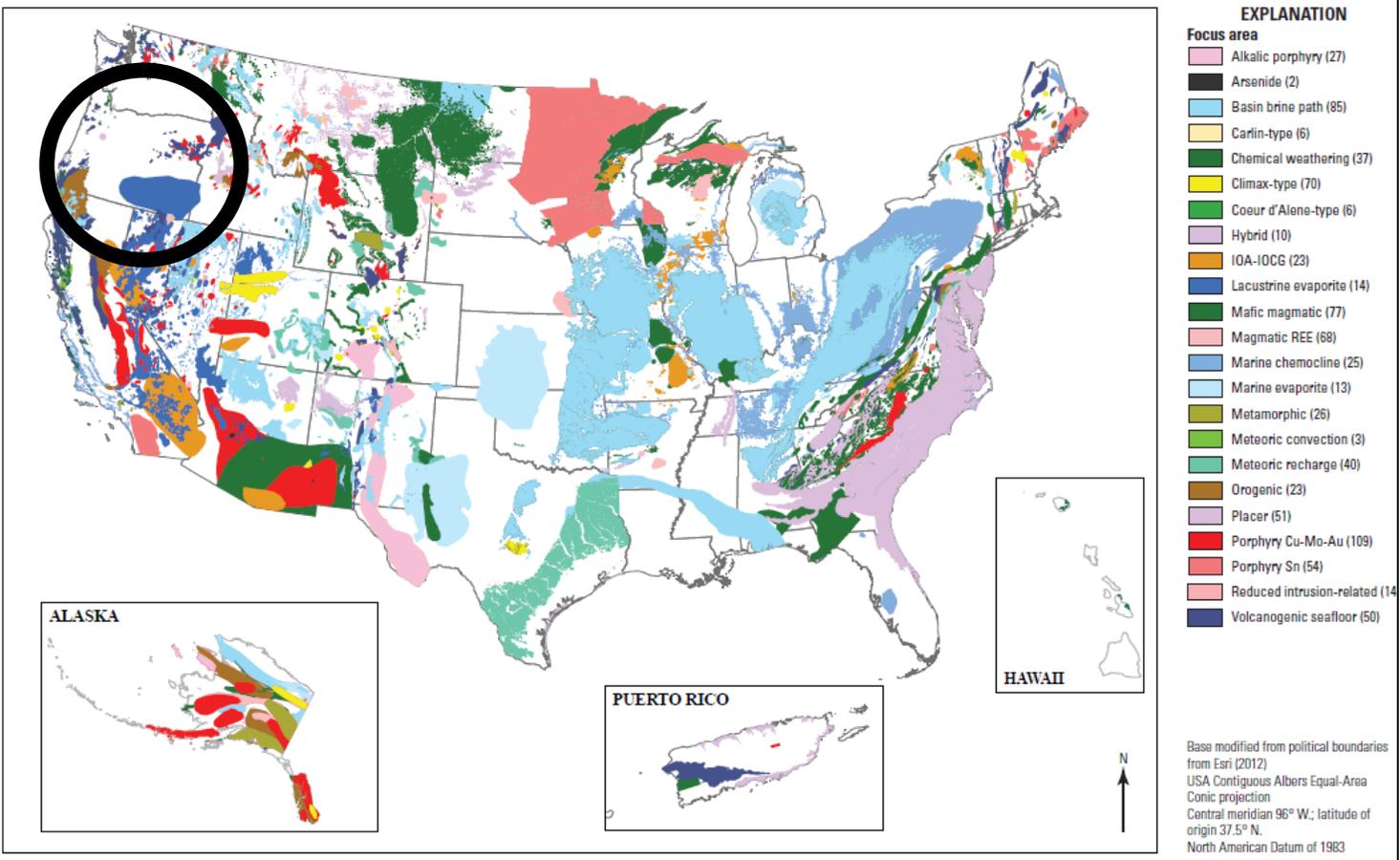
Joint Committee on Ways and Means  
Subcommittee on Natural Resources  
February 28, 2023





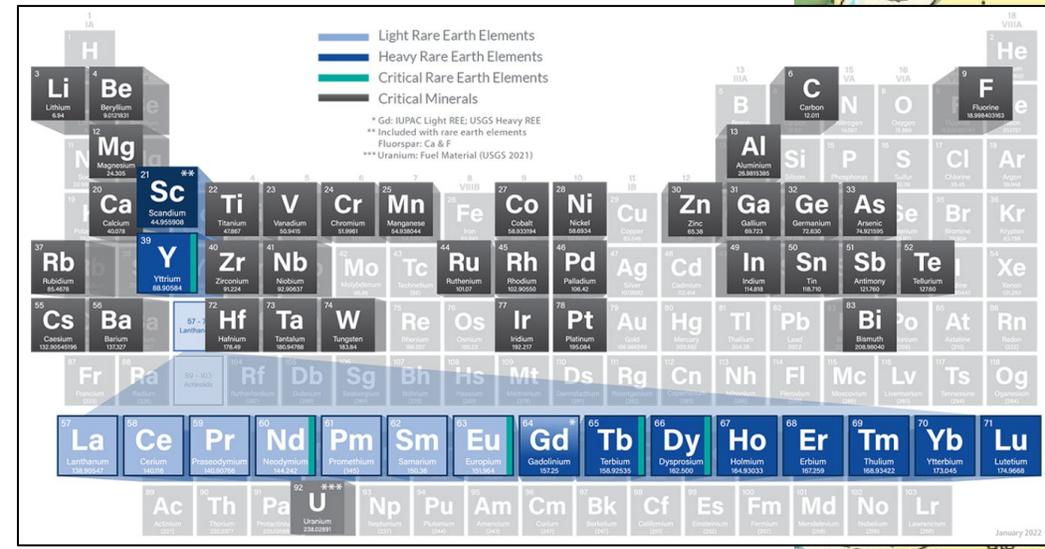
# USGS Earth Mapping Resource Initiative (Earth MRI)

- Earth MRI – prioritize and acquire data for critical mineral focus areas.

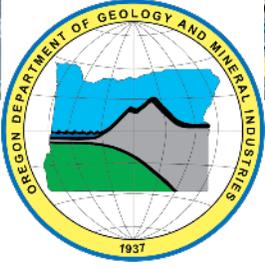


## Critical Minerals

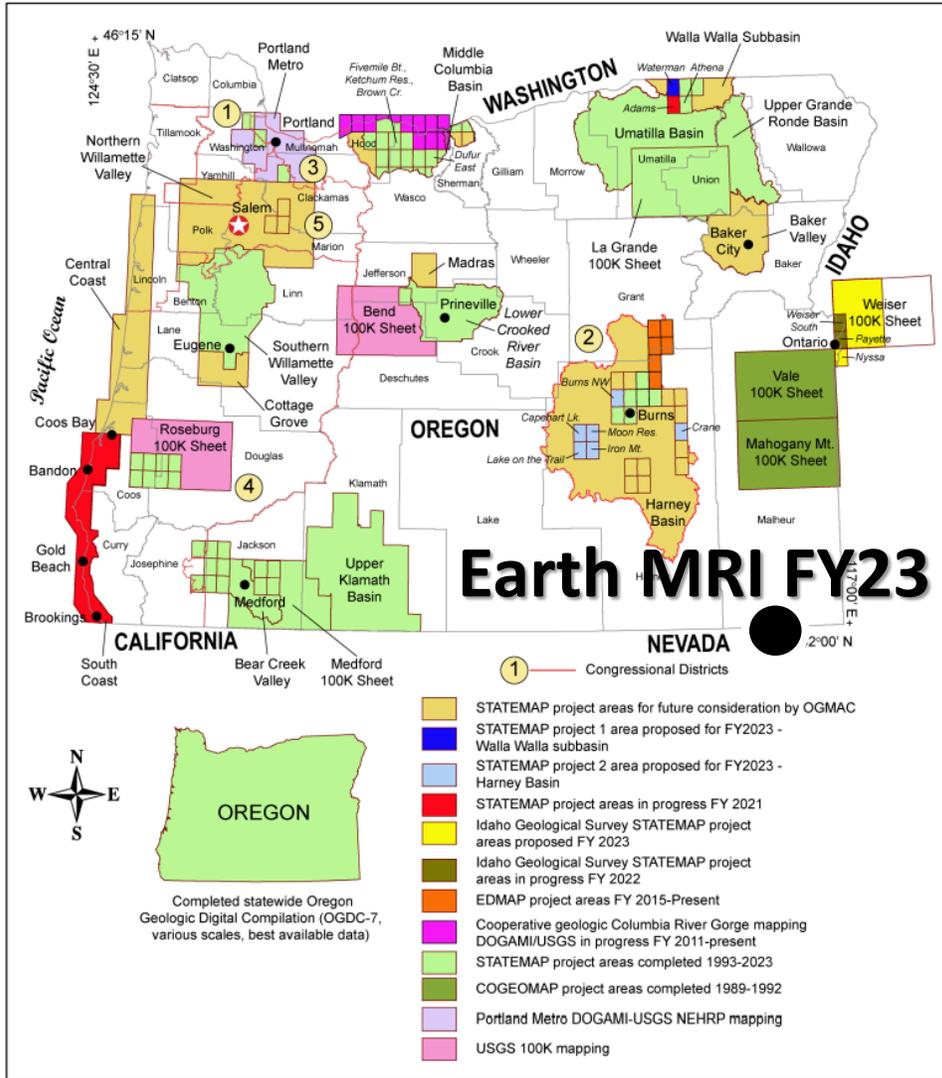
*a metallic or non-metallic element essential for modern technologies, economies or national security, and has a supply chain at risk of disruption.*



**Figure 2.** Maps showing focus areas for 23 mineral systems that could host critical mineral resources in the United States and Puerto Rico. Numbers in parentheses in the explanation refer to the numbers of focus areas for each mineral system. Data from Dicken and others (2022), which provides the extent of individual focus areas.



# Oregon's Earth MRI FY23 Geologic Mapping



Oregon FY23 Earth MRI focus area - McDermitt caldera, southern Malheur County.

No high-resolution geological maps south of Steens Mountain/Owyhee in Harney and Malheur Counties.

