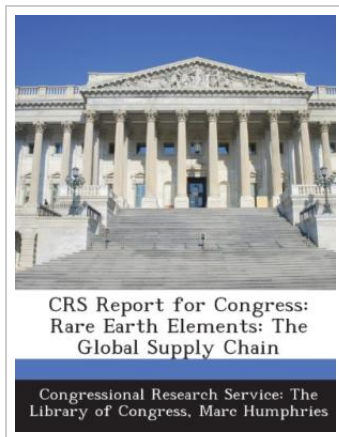




Crs Report for Congress: Rare Earth Elements: The Global Supply Chain (Paperback)

By Marc Humphries

Bibliogov, United States, 2013. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.The concentration of production of rare earth elements (REEs) outside the United States raises the important issue of supply vulnerability. REEs are used for new energy technologies and national security applications. Is the United States vulnerable to supply disruptions of REEs? Are these elements essential to U.S. national security and economic well-being? There are 17 rare earth elements (REEs), 15 within the chemical group called lanthanides, plus yttrium and scandium. The lanthanides consist of the following: lanthanum, cerium, praseodymium, neodymium, promethium, samarium, europium, gadolinium, terbium, dysprosium, holmium, erbium, thulium, ytterbium, and lutetium. Rare earths are moderately abundant in the earth's crust, some even more abundant than copper, lead, gold, and platinum. While more abundant than many other minerals, REEs are not concentrated enough to make them easily exploitable economically. The United States was once self-reliant in domestically produced REEs, but over the past 15 years has become 100% reliant on imports, primarily from China, because of lower-cost operations.



READ ONLINE
[3.79 MB]

Reviews

A superior quality publication and the font utilized was intriguing to read. I could comprehend every little thing using this composed e publication. You will like the way the author compose this publication.

-- **Mr. Demario Trantow**

Completely essential go through ebook. It can be written in basic phrases and never difficult to understand. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- **Jessy Collier**