

Article - North Korea's Rare Earth Minerals & Geopolitics

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North Korea's Rare Earth Minerals & Geopolitics

North Korea have the world's biggest uncommon earth reserves which add up to 216.2 million tons.

The monetary value of this reserve could amount to \$ 6-10 trillion.

Modern technological advancement relies heavily on the availability of rare earth elements.

WHAT ARE RARE EARTH ELEMENTS?

RARE Earth Element (REE) is gathering of seventeen concoction components in the occasional table which incorporate fifteen Lanthanide and Scandium and Yttrium.

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IMPORTANCE OF RARE EARTH ELEMENTS:

Rare earth elements are used almost everywhere in modern technologies. Their use is essential in following sectors

Consumer Electronics

Defence

Clean Energy

CONSUMER ELECTRONICS:

Rare earth elements are used in

Circuits

Sensors

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Screens

Batteries

Smart phones

Laptops

Any electronic device will be twice heavy and will lose its display resolution in absence of rare earth elements

DEFENCE:

In defence sector rare earth elements like Neodymium, Dysprosium are used in

Laser, Radar, Sonar

Night vision glasses

Missile guidance system

Jet engines

Smart bombs

Armoured vehicle

Anti-ballistic missile defence systems of Russia and USA: THAAD and S400 also use rare earth material

CLEAN ENERGY:

Rare earth magnets based on neodymium are key components in electric cars and wind turbines. LED lighting relies on yttrium and cerium.

WORLD PRODUCTION AND MONOPOLY OF CHINA:

China has syndication underway of Rare Earth Oxides. 95 percent of absolute world creation of uncommon earth components originates from china.

TRADE WAR AND RARE EARTH ELEMENTS:

China is the greatest provider of uncommon earth components to USA. In its exchange war with China, USA prohibited Chinese telecomm monster Huawei and somewhere in the range of 70 Chinese partners over national security concerns. China has been searching for a cutting edge counterpunch by forcing send out prohibition on uncommon earth components to USA.

US EYING ALTERNATIVES:

After China's danger to stop fare of Rare Earth materials to the US in the midst of the continuous exchange war between the nations.

US is attempting to guarantee its flexibly of uncommon earth components by restoring its own local uncommon earth industry.

RARE EARTH SECURITY AND KOREAN RESERVES:

China is attempting to seek after the North Korean and Kim Jong Un government for JV to investigate the huge stores of uncommon earth components in North Korea. In the event that china gets the entrance to the Korean stores. It can make an arrangement with Russia to give uncommon earth components in return of vitality security by Russia and Central Asia.

USA AND NORTH KOREA:

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Russo-China coalition with surplus uncommon earth material and USA with shortage of same will place USA in disadvantageous position. To get to the huge stores of North Korea, USA needs to begin Reconciliation with North Korea

RECONCILIATION:

USA and UN forced financial approvals on North Korea after it led first atomic test in 2006. North Korea have repeated that, its atomic and rocket program is for advancement of prevention capacities and requested acknowledgment of its atomic force status like India, Pakistan and Israel.

Monetary approvals forced on North Korea have end up being counter gainful and incited North for additional tests in 2009, 2013, 2016 and 2017

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