

15<sup>th</sup> August, 2023

To,  
 The Manager (DSC/Compliance)  
 BSE Limited  
 First Floor, New Trading Wing, Rotunda  
 Building, P J Towers, Dalal Street, Fort,  
 Mumbai - 400001  
**BSE Scrip Code: 532826**

To,  
 The Manager (Listing/ Compliance)  
 National Stock Exchange of India Limited  
 Exchange Plaza, 5<sup>th</sup> Floor, Plot No. C/1,  
 G Block, Bandra Kurla Complex, **Bandra (East)**,  
 Mumbai – 400051  
**NSE ID: RAJTV**

Dear Sir/Madam,

**Sub: Submission of copy of Newspaper publications- Un-audited Financial Results for the Quarter ended 30<sup>th</sup> June, 2023.**

In terms of Regulation 47(3) of SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015 we are submitting the copy of Un-audited Financial results of our Company for the Quarter ended 30<sup>th</sup> June, 2023, published in the following Newspapers:

1. “Trinity Mirror” dated 15<sup>th</sup> August, 2023 in all India Edition (English)
2. “Makkal Kural” dated 15<sup>th</sup> August, 2023 in vernacular language (Tamil)

We request you to take the same on records.

Thanking You,

Yours Truly,  
**For Raj Television Network Limited**



**Namratha K**  
**Company Secretary-**

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**Raj Television Network Limited**

CIN : L92490TN1994PLC027709

Regd. Off / Head Off : No.32, Poes Road 2nd Street, Teynampet, Chennai - 600 018. Tamil Nadu, India.  
 Tel: 044 - 2435 1307, 2435 1898, 2435 2926 Fax: 044 - 2434 1260 E-mail : rajtv@rajtvnet.in, Website : www.rajtvnet.in

# Major powers rush to Moon for lunar resources

**Vinod Naraen**

"Lunar Prospecting: The Global Race for Lunar Resources and Scientific Discovery"

Russia achieved a significant milestone on Friday with the launch of its first moon-landing spacecraft in 47 years, joining a competitive race involving prominent nations like the United States, China, and India to unveil the mysteries of Earth's solitary natural satellite.

Russia's ambitious plans

encompass forthcoming lunar missions, and they are contemplating collaborative endeavors, such as a joint Russian-Chinese crewed mission and the establishment of a lunar outpost.

Meanwhile, NASA has initiated discussions about a "lunar gold rush" and has explored the potential feasibility of extracting resources from the moon.

Present theories suggest that the moon was formed approximately 4.5 billion years ago through a colossal collision with Earth. The debris resulting from this impact coalesced

The Lunar Appeal: Positioned at a distance of 384,400 km (238,855 miles) from our planet, the moon performs essential roles in stabilizing Earth's axial tilt, thereby ensuring a more consistent climate.

Additionally, it exerts gravitational forces that give rise to tides across the world's oceans.

Significance of Water: Positioned at a distance of 384,400 km (238,855 miles) from our planet, the moon performs essential roles in stabilizing Earth's axial tilt, thereby ensuring a more consistent climate.

Exploring Rare Earth Metals:

Temperature fluctuations on the moon are extreme, ranging from 127 degrees Celsius in direct sunlight to a frigid minus 173 degrees Celsius in darkness. Unfortunately, the moon's exosphere does not offer protection against solar radiation.

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Significance of Water:

The definitive discovery of water on the moon dates back to 2008 when the Indian mission Chandrayaan-1 detected hydroxyl molecules dispersed across the lunar surface, primarily concentrated around the poles, according to findings by NASA.

Water, a fundamental requirement for human sustenance, also holds the potential to serve as a valuable source of hydrogen and oxygen, essential components for producing rocket fuel.

Helium-3: A Novel Energy Source:

A particularly intriguing lunar resource is helium-3, an isotope of helium that is scarce on Earth but abundant on the moon. NASA estimates suggest that there may be up to a million tonnes of helium-3 present on the moon.

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Exploring Rare Earth Metals:

The concept of moon mining raises questions about operational logistics. Establishing lunar infrastructure would be a prerequisite, and due to the moon's inhospitable conditions, robotic systems

would play a pivotal role in resource extraction.

However, the presence of water on the moon offers the potential for sustained human presence over extended periods.

The Legal Complexity:

The legal framework surrounding space mining remains intricate and incomplete. The 1966 Outer Space Treaty

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