

GOVERNMENT OF INDIA  
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 1738**  
TO BE ANSWERED ON: 27.07.2022

**SHORTAGE OF RARE EARTH MINERALS**

**1738. SHRI KODIKUNNIL SURESH:**

Will the Minister of ELECTRONICS AND INFORMATION TECHNOLOGY be pleased to state:

- (a) whether the Government is aware of the shortage of rare earth minerals required for manufacture of semiconductor chips;
- (b) whether the resources are dominated by one country in the world; and
- (c) if so, the steps/measures being taken to increase the quantum of minerals required for manufacture of semiconductor devices and chips in India?

**ANSWER**

MINISTER OF STATE FOR ELECTRONICS AND INFORMATION TECHNOLOGY  
(SHRI RAJEEV CHANDRASEKHAR)

(a) , (b) and (c): Yes Sir. The Government is aware of the importance of rare earth minerals to the semiconductor and electronics industry. In addition to the domestic reserves of these minerals, countries like USA and Australia accounts for the production of rare earth minerals. Semiconductor manufacturing ecosystem mainly requires electronic grade silicon wafers, high purity chemicals, gases and photoresists. Government, through schemes/ policies, has been creating robust supply chain ecosystem for raw materials, chemicals and high purity gases for manufacturing of semiconductors in the country.

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