

GOVERNMENT OF INDIA
MINISTRY OF MINES
LOK SABHA
UNSTARRED QUESTION NO. 442
ANSWERED ON 24.07.2024

CRITICAL MINERAL RESERVES

442. SHRI SHRIRANG APPA CHANDU BARNE:

SHRI ARVIND GANPAT SAWANT:

Will the Minister of MINES be pleased to state:

- a. the details of the critical mineral reserves in India;
- b. whether India is depending on other countries for the supply of critical minerals;
- c. if so, the facts thereof;
- d. whether the NITI Aayog has recommended to designing a Production Linked Incentive (PLI) scheme to incentivise the recycling of critical minerals; and
- e. if so, the response of the Union Government thereon and the action taken by the Union Government to introduce the PLI scheme for the recycling of the critical minerals?

ANSWER

THE MINISTER OF COAL AND MINES

(SHRI G. KISHAN REDDY)

(a) to (c) The Central Government has amended the Mines and Minerals (Development and Regulation) (MMDR) Act, 1957 through the MMDR Amendment Act, 2023, whereby Central Government has been empowered to auction the 24 critical and strategic minerals in part D to the Schedule-I of the MMDR Act, 1957. The details of the total reserves /resources of these critical minerals and their import as available in the Ministry is given at **Annexure-I**.

(d) No.

(e) Question does not arise.

Annexure-I

Sl. No.	Mineral	Total Resources (Million Tonnes)	Import Quantity 2023-24 (Ton)	Import Value 2023-24 Rs. Cr.
1	Beryl and other beryllium bearing minerals	-	2542.8	127.9
2	Cadmium bearing minerals	-	14,943.9	382.5
3	Cobalt (Ore)	45	893.7	185.3
4	Gallium bearing minerals	-	0.01	0.01
5	Glauconite	Included in Potash below at No. 14		
6	Graphite	211.62	1,56,669.8	1,600.0
7	Indium bearing minerals	-	0.01	0.01
8	Lithium bearing minerals	12.23 MTs with grade about 580 PPM	16,29,366.6	863.8
9	Molybdenum Ore	27.20	21,719.6	3,770.9
	Contained MoS ₂	0.016		
10	Nickel Ore	189	1,31,433.5	6557.3
11	Niobium bearing minerals	-	325.3	7.7
12	Rock Phosphate	311.25	88,02,077	12,648.6
13	Platinum group of metals (PGM)	20.92 (Tonnes)	10.4	2433.0
14	Potash	23,091*	30,656.8	268.0
15	Rare Earth Elements (REE)	0.45	2,270.3	156.9
16	Rhenium bearing minerals	-	2,542.8	127.8
17	Selenium bearing minerals	-	506.9	88.8
18	Tantalum bearing minerals	-	0.4	0.7
19	Tellurium bearing minerals	-	6.6	4.5
20	Tin Ore	83.72	11,967.1	2,664.4
	Metal	0.10		
21	Titanium	427.10@	1,15,424.3	1,413.1
22	Tungsten			

	Ore	89.43	293.9	82.7
	Metal	0.14		
23	Vanadium			
	Ore	24.63	3,427.1	161.6
	Contained V2O5	0.064		
24	Zirconium	2.34	82,260.1	1,396.6

* contains glauconite, polyhalite, sylvite.

@ contains ilmenite, rutile, leucoxene and anastase