

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**RAJYA SABHA**  
**UNSTARRED QUESTION NO. 2563**  
TO BE ANSWERED ON 18.03.2021

**URANIUM MINES IN THE COUNTRY**

2563. Smt. Phulo Devi Netam:

Will the PRIME MINISTER be pleased to state:

- (a) the number of Uranium mines in the country, State-wise;
- (b) total Uranium extracted from these mines since last five years, till date; and
- (c) whether it is a fact that the extraction and processing cost of Uranium in India is very high as compared to other countries, if so, the details thereof?

**ANSWER**

THE MINISTER OF STATE FOR PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS AND PRIME MINISTER'S OFFICE (DR. JITENDRA SINGH):

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- (a) There are total eight Uranium mines in the country, seven in Jharkhand State and one in Andhra Pradesh State.
- (b) It is not in the public interest to disclose the quantity of Uranium extracted from these mines.
- (c) Yes, Sir. In India, the grade of the ore mined from various deposits is very poor compared to that of other countries. The ore bodies are narrow and not suitable for extraction by mass mining methods. These deposits are also not suitable for extraction by low cost in-situ leaching technology which is a common method of extraction of uranium concentrate in many of the major uranium producing countries. India also adopts alkali leaching technology for extraction of uranium from very low grade ore occurring in dolostone host rock in Tummalapalle region in Andhra Pradesh, which cannot be extracted by acid leaching technology. This is a costlier process developed indigenously and has been adopted successfully. In view of these constraints, the extraction and processing cost of Uranium in India is higher compared to that of other countries.

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