

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO – 2087
ANSWERED ON 07/08/2025

URANIUM OXIDE RESOURCE IN THE COUNTRY

2087. SMT. SANGEETA YADAV
SHRI KESRIDEVSINH JHALA
SHRI BRIJ LAL
SHRI SUBHASH BARALA

Will the PRIME MINISTER be pleased to state:-

- (a) the augmentation in the Uranium Oxide resource in the country through the efforts of the Atomic Minerals Directorate (AMD) for Exploration & Research;
- (b) the total quantity of uranium oxide available in the country (in tonnes);
- (c) whether the discovery of new deposits in the Jaduguda Mines will result in increasing the life of the mine; and
- (d) if so, the details thereof?

ANSWER

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

(a) & (b) Atomic Minerals Directorate for Exploration and Research(AMD), a constituent unit of Department of Atomic Energy (DAE), has a mandate to identify and evaluate mineral resources of uranium, thorium, niobium, tantalum, beryllium, lithium, zirconium, titanium and rare earths containing uranium and thorium. AMD has carried out exploration and prospecting for augmentation of uranium oxide resource in a number of prospective geological domains of the country. As on date, AMD has established 4,33,800 tonnes in-situ U₃O₈ resource in 47 uranium deposits located in Andhra Pradesh, Telangana, Jharkhand, Meghalaya, Rajasthan, Karnataka, Chhattisgarh, Uttar Pradesh, Uttarakhand, Himachal Pradesh and Maharashtra.

(c) & (d) Yes. Mining of Jaduguda uranium deposit started in 1967 by M/s. Uranium Corporation of India Limited (UCIL). In recent years, AMD has established 26,437 tonnes in-situ U-oxide resource at Jaduguda North - Baglasai-Mechua deposit, East Singhbhum district, Jharkhand; which is towards north of the Jaduguda main ore body and in the area between Jaduguda and Bhatin mine. The life of the mine is expected to increase substantially due to this discovery of new deposits.

* * * * *