

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 165
TO BE ANSWERED ON 17.11.2016

SURVEY FOR URANIUM DEPOSITS

165 SHRI KIRANMAY NANDA:

Will the PRIME MINISTER be pleased to state:

- (a) whether Government has carried out State-wise survey to find out uranium deposits in the country;
- (b) if so, the details of possible potential of uranium availability and extraction from various places in our country, State-wise;
- (c) the quantity of domestic extraction of uranium at present, State-wise; and
- (d) whether uranium we produce is of same quality, which we import from outside or otherwise?

ANSWER

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

- (a) Yes, Sir.
- (b) The Atomic Minerals Directorate for Exploration and Research (AMD), a constituent unit of Department of Atomic Energy (DAE), has a mandate to identify and evaluate resources of atomic minerals including that of uranium in the country. AMD has carried out survey and exploration for uranium deposits in different states of the country and identified substantial resources of uranium.

AMD has so far established 2,44,947 tonne (t) *in-situ* U₃O₈ (2,07,715 t U) as on October, 2016. State-wise details of the uranium resource are given below:

State	Uranium reserves	
	U ₃ O ₈ (t)	U (t)
Andhra Pradesh	1,18,852	1,00,786
Telangana	18,550	15,731
Jharkhand	64,392	54,604
Meghalaya	23,040	19,538
Rajasthan	9,421	7,989
Karnataka	4,682	3,970
Chhattisgarh	3,986	3,380
Uttar Pradesh	785	666
Uttarakhand	100	85
Himachal Pradesh	784	665
Maharashtra	355	301
Total	2,44,947	2,07,715

[1 t U₃O₈ = 0.848 t uranium metal (U)]

The uranium deposits established by AMD are mined by Uranium Corporation of India Limited (UCIL), a Public Sector Undertaking (PSU) of Department of Atomic Energy (DAE). The deposits at Jaduguda, Narwapahar, Bagjata, Bhatin, Banduhurang, Turamdih and Mohuldih in Jharkhand and Tummalapalle in Andhra Pradesh are currently under commercial exploitation by UCIL.

- (c) It is not in the public interest to disclose the quantity of production of uranium.
- (d) The quality of Uranium produced in the country and that of the imported Uranium is comparable.
