

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION No. 2566**  
TO BE ANSWERED ON 05.08.2015

**HIGH VALUE URANIUM DEPOSITS**

2566. SHRI P.K. BIJU:  
SHRI INNOCENT:

Will the PRIME MINISTER be pleased to state:

- (a) whether high value uranium deposits have been found in different parts of the country and if so, the details thereof;
- (b) the findings of the explorations if conducted and the further steps being contemplated to exploit this valuable natural resources; and
- (c) the expenditure incurred for its exploration during the last three years?

**ANSWER**

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

- (a) Yes, Sir. In the Indian context, even relatively low grade uranium deposits of significant tonnage, and those located in the vicinity of existing mining centres, which would enhance the life of the operating mines and mills thereby optimizing the operational costs, could be considered as "higher value uranium deposit". India has large tonnage deposits with economic viability. Details of such uranium deposits are given below:

State	District	Name of the deposit	Uranium reserves	
			U3O8 (t)	U (t)
Andhra Pradesh	Kadapa	Tummalapalle – Rachakuntapalle	98,952	83,911
	Guntur	Koppunuru	2,761	2,341
Telangana	Nalgonda	Lambapur	1,450	1,230
		Peddagattu	7,585	6,432
	Nalgonda	Chitrial	9,515	8,069
Jharkhand	East Singhbhum	Jaduguda	8,038	6,816
		Bhatin	1,700	1,442
		Narwapahar	10,700	9,074

		Narwapahar extension	1,080	916
		Narwapahar extension (deeper block)	2,496	2,117
		Turamdih	3,750	3,180
		Banduhurang	5,460	4,630
		Bagjata	1,860	1,577
		Mohuldih	1,700	1,442
		Mohuldih extension	1,630	1,382
		Turamdih (south )	4,850	4,113
		Singridungri-Banadungri	9,360	7,937
Meghalaya	West Khasi Hills	KPM (Domiasiat)	9,500	8,056
		Wahkyn	5,381	4,563
		Wahkut	3,840	3,256
Rajasthan	Sikar	Rohil	8,003	6,786
Karnataka	Gulbarga	Gogi	4,267	3,618

- (b) Atomic Minerals Directorate for Exploration and Research (AMD), a constituent unit of Department of Atomic Energy (DAE), is engaged in survey and exploration activities to identify and evaluate reserves of atomic minerals in the country. As of June, 2015, AMD has established 2,25,936t *in-situ* U<sub>3</sub>O<sub>8</sub> (1,91,594t Uranium) reserves in the country.

Uranium Corporation of India Ltd. (UCIL) a Public Sector Enterprise under Department of Atomic Energy is engaged in mining and processing of uranium ore in the country.

The Company is operating seven uranium mines and two process plants in Jharkhand. Some of these units are under capacity augmentation. A large underground mine and process plant at Tummalapalle in Andhra Pradesh has been constructed. In addition, a new underground mine and plant at Gogi in Karnataka, open pit mine at Kylleng Pymdengsohiong Mawathabah (KPM) in Meghalaya, one open pit and three underground mines at Lambapur in Telangana, and one uranium mining project in Sikar district of Rajasthan are in different stages of implementation

- (c) The expenditure incurred by AMD for its exploration programme during the last three years is given as under:

Year	Expenditure (Rs. in lakh)
2012-13	6,519.61
2013-14	8,364.17
2014-15	8,827.86

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