GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA

UNSTARRED QUESTION NO:2566
ANSWERED ON:05.08.2015
High Value Uranium Deposits
Biju Shri Parayamparanbil Kuttappan;Innocent Shri

Will the Minister of ATOMIC ENERGY 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 U3O8 (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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