

**GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:2120
ANSWERED ON:05.03.2003
RESERVES OF ATOMIC MINERALS
VIRENDRA KUMAR

Will the Minister of ATOMIC ENERGY be pleased to state:

- (a) the details of the last study conducted on the potential of Atomic Minerals in the country;
- (b) the approximate reserves of Atomic Minerals in the country according to last assessment made in that regard; and
- (c) the details of the plan formulated by the Government for their exploration?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF PLANNING, MINISTER OF STATE IN THE MINISTRY OF STATISTICAL PROGRAMME IMPLEMENTATION, MINISTER OF STATE IN THE DEPARTMENT OF ATOMIC ENERGY AND MINISTER OF STATE IN THE DEPARTMENT OF SPACE (SHRIS.B. MOOKHERJEE)

(a) The survey and exploration/investigations for atomic minerals in the country is a continuing process being carried out since 1949 and the Atomic Minerals Directorate for Exploration and Research (AMD), a constituent unit under the Department of Atomic Energy is entrusted with this task.

(b) As a result of investigations, resources of Atomic Minerals (Minerals of Uranium, Thorium, Zirconium, Titanium etc.) have been indentified as under:

I. Resources of Uranium:

About 92,000 Tonnes

II. Resources of Titanium (Ilmenite, Rutile), Zirconium(Zircon), Thorium(Monazite) and other associated minerals;

(Reserves in Million tonnes)

State Ilmenite Rutile Zircon Monazite Garnet Sillimanite

Kerala#	95.51	6.61	6.45	1.35	1.19	39.07
Tamil Nadu	97.91	4.82	8.35	1.73	24.38	21.09
Andhra Pradesh	100.10	4.42	4.43	2.29	48.99	47.02
Orissa	45.05	1.88	1.44	1.18	32.61	21.23
Others	9.85	0.20	0.47	1.44	0.08	1.75

TOTAL 348.22 17.93 21.14 7.99 107.09 130.16

= Including resources in lake and sea bed.

(c) In order to further augment the atomic mineral resource base, the Department of Atomic Energy has formulated Xth Plan projects with a capital outlay of Rs.107 crore.