

**GOVERNMENT OF INDIA  
MINES  
LOK SABHA**

STARRED QUESTION NO:217  
ANSWERED ON:08.12.2014  
AERIAL SURVEYS FOR MINERALS  
Gandhi Shri Feroze Varun

**Will the Minister of MINES be pleased to state:**

- (a) whether any aerial surveys have been conducted to ascertain minerals wealth in the country;
- (b) if so, the details thereof along with the States which have conducted/are conducting such surveys and the outcome thereof; and
- (c) the funds allocated and spent for such surveys during the current year, State-wise?

**Answer**

MINISTER OF MINES AND STEEL (SHRI NARENDRA SINGH TOMAR)

(a) to (c) : A Statement is laid on the Table of the House.

STATEMENT REFERRED IN REPLY TO LOK SABHA STARRED QUESTION NO.217 REGARDING AERIAL SURVEYS FOR MINERALS ASKED BY SHRI FEROZE VARUN GANDHI FOR ANSWER ON 8th DECEMBER 2014

(a) & (b): Yes, Madam. Aerial surveys have been conducted for mineral exploration in the country by

(i) Geological Survey of India (GSI),

(ii) Atomic Minerals Directorate for Exploration and Research (AMD) and

(iii) CSIR-National Geophysical Research Institute (NGRI). GSI has conducted airborne survey in the States of Rajasthan, Haryana, Uttar Pradesh, Madhya Pradesh, Chhattisgarh, Odisha, Bihar, Jharkhand, West Bengal, Gujarat, Maharashtra, Goa, Karnataka, Andhra Pradesh, Telangana, Tamil Nadu and Kerala, covering a total of 13,69,571 line km. AMD conducts heliborne surveys nationwide for exploring atomic minerals like Uranium, Thorium, etc. CSIR-NGRI has conducted heliborne surveys in 18,000 line km for National Mineral Development Corporation [NMDC] and Hindustan Zinc Limited [HZL] for copper, zinc and diamond in Rajasthan, Jharkhand and Andhra Pradesh for providing geophysical data highlighting potential target zones.

Some of the major outcomes from the data from these surveys conducted by Geological Survey of India are as follows:

Base Metals:

1. Lead-Zinc deposits in Kayar, north of Ajmer, Rajasthan .
2. Lead-Zinc-Copper prospects in Dhedwas-Devpura, Bhilwara, Rajasthan.
3. Massive sulphide occurrences in Aladahalli, Hassan, Karnataka.
4. Copper prospect in Akola-Dariba, Chittorgarh, Rajasthan.
5. Lead-Zinc prospect in Gollapalle, Cuddapah, Andhra Pradesh.
6. Continuity of Khetri Copper belt in Rajasthan.

Radioactive minerals:

1. Uranium prospect in Suryapet -Nalgonda, Andhra Pradesh.

Kimberlites/Lamproites:

1. Jharbandh, Bargarh in Odisha.
2. Mainpur, Gariabad, Basna in Chhattisgarh.
3. Jhansi in Uttar Pradesh and Panna-Mahoba in Madhya Pradesh

4. Mantralayam, Ibrahimpur, Kurnool in Andhra Pradesh.

(c): The State-wise financial particulars for airborne surveys are not maintained by GSI or AMD. The fund allocated for airborne surveys by GSI in 2014-15 is Rs.8.87 crore out of which Rs.6.14 crore has been utilized till November, 2014. As per information from AMD, it has a plan outlay of Rs.230 crore for the XII Plan under project titled `Airborne and Ground Geophysical Survey, Remote Sensing and Geographic Information System studies for exploration of Uranium". Up to October 2014, AMD has utilized Rs.4.32 crore under this project.