

**GOVERNMENT OF INDIA
MINES
LOK SABHA**

UNSTARRED QUESTION NO:136
ANSWERED ON:24.11.2014
DIAMOND RESERVES
Galla Shri Jayadev;Solanki Dr. Kirit Premjibhai

Will the Minister of MINES be pleased to state:

- (a) the details of diamond reserves available in the country at present, State-wise;
- (b) whether National Geophysical Research Institute has recently found a diamond field in wide swaths under earth's crust in the States of Andhra Pradesh and Tamilnadu; and
- (c) if so, the details thereof?

Answer

THE MINISTER OF STATE FOR MINES AND STEEL (SHRI VISHNU DEO SAI)

(a) Indian Bureau of Mines have reported that as per the National Mineral Inventory as on 1.4.2010, State-wise reserves, remaining resources and total resources of diamond are as follows:-

Unit :Carat			
RESERVES	RAMAINING	TOTAL RESOURCES	
RESOURCES			
All India :			
Total	1045318	30876432	31921750
Andhra Pradesh	0	1822955	1822955
Chhattisgarh	0	1304000	1304000
Madhya Pradesh	1045318	27749477	28794795

(b) & (c) No, Madam. The scientists of National Geophysical Research Institute have not found a diamond field in wide swaths under earth's crust in the States of Andhra Pradesh and Tamilnadu. However, they have recently obtained geophysical data on the lithosphere of southeast India. Based on these geophysical data together with pressure-temperature estimates on the mantle xenoliths of the area, they surmised that besides availability of carbon, other parameters like the pressure, temperature, and ambient partial pressure of oxygen that are necessary for diamond formation and growth do prevail inside the earth beneath wide swaths of the eastern Dharwar and Baster cratons covering the States of Andhra Pradesh and Chhattisgarh.

It may be noted that these geophysical results cannot guess about the diamond reserve in the study area. They can only suggest the potential zone.