

**GOVERNMENT OF INDIA
MINES
LOK SABHA**

UNSTARRED QUESTION NO:1142

ANSWERED ON:02.03.2015

SURVEY OF MINERAL RESERVES

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Will the Minister of MINES be pleased to state:

- (a) whether the Government has conducted any survey to discover various mineral reserves/ deposits in the country;
- (b) if so, the details thereof, state and mineral- wise; and
- (c) the steps taken by the Government to explore more minerals in future?

Answer

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

(a) & (b): Yes, Madam. Geological Survey of India (GSI), an attached office of Ministry of Mines, conducts regular surveys to discover various mineral resources in the country by carrying out regional mineral exploration. The details of exploration conducted by GSI are as follows :

I. State-wise and mineral-wise resource estimation during last three years up to 01.04.2014 by GSI:

State	Mineral
Odisha, Tamil Nadu, Chhattisgarh	Iron ore
Odisha, Maharashtra	Manganese ore
Rajasthan, Madhya Pradesh	Phosphorite
Chhattisgarh, Rajasthan,	Copper, Lead
Haryana, Madhya Pradesh	and Zinc Ore
Rajasthan, Chhattisgarh,	Gold ore
Karnataka, Jharkhand,	
Uttar Pradesh	
Rajasthan	Silver Ore
Uttar Pradesh	Potash
Karnataka	Baryte
Karnataka, Andhra Pradesh,	
Meghalaya, Rajasthan,	Limestone
Arunachal Pradesh	
Haryana	Gypsum
West Bengal	Apatite
West Bengal	Talc
West Bengal, Odisha,	Coal & lignite
Chhattisgarh,	
Madhya Pradesh,	
Maharashtra Andhra	
Pradesh, Rajasthan,	
Tamil Nadu, Jharkhand	
Madhya Pradesh	Graphite
Uttar Pradesh	Andalusite

[Data under Andhra Pradesh includes the newly formed Telengana State also]

II. Major mineral resource estimated by GSI during the last three years, as on 01.04.2014

(Resources in million tonnes)

Sl no. Ore/Minerals PROGRESSIVE TOTAL RESOURCE ESTIMATED

up to 01.04.2014

2012

2013

2014

1. Coal	2,93,497.15	2,98,914.06	3,01,564.45
2. Lignite	41,963.00	43,215.86	43246.69
3. Copper Ore	639.07	670.91	691.93
4. Lead-Zinc	533.22	534.41	534.41
5. Iron ore	13,920.29	13,964.62	14,119.96
6. Manganese Ore	182.20	182.55	182.55
7. Limestone	89,279.56	89,605.24	89,856.01
8. Gold Ore	167.27	170.69	176.58
9. PGE	15.29	15.29	15.29
10. Molybdenm	15.46	15.46	15.46
11. Rock Phosphate	199.96	202.62	202.62
12. Potash	404.00	404.00	1,039.30
13. Baryte	-	00.18	00.18
14. Silver Ore	-	02.32	02.32
15. Graphite	-	-	04.73
16. Andalusite	-	-	24.20

(c): GSI is making continuous efforts to explore more mineral resources to increase the mineral wealth of the country by taking up mineral exploration programs every year. GSI has identified certain favorable geological settings in the country which has been termed as "Obvious Geological Potential" (OGP) areas. Geochemical mapping and Geophysical mapping are being taken up on priority basis in the most potential parts of the OGP areas (core OGP areas). Continuous modernization of laboratories and other equipments of GSI is also being carried out for facilitating mineral exploration.