

**GOVERNMENT OF INDIA
MINES
LOK SABHA**

STARRED QUESTION NO:220
ANSWERED ON:04.12.2000
SURVEY OF MINERAL RESERVES
NAGMANI

Will the Minister of MINES be pleased to state:

- (a) whether the Government have conducted any systematic and scientific survey on the mineral reserves particularly in Iron ore, Bauxite, Mica, Copper, Gold, Silver and other utility metals and minerals in the country;
- (b) if so, the details thereof;
- (c) the present mineral reserves particularly in Jharkhand alongwith their production, demand and supply, State-wise; and
- (d) the measures taken by the Government to enhance the production and conservation of minerals in India?

Answer

MINISTER OF MINES (SHRI SUNDER LAL PATWA)

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

STATEMENT REFERRED TO IN THE REPLY TO THE LOK SABHA STARRED QUESTION NO.220 FOR ANSWER (C) DECEMBER, 2000 REGARDING SURVEY ON MINERAL RESERVES ASKED BY SHRI NAGMANI.

(a)(b)&(c): The survey of minerals is a continuous process. It comprises large scale and detailed geological mapping aided by interpretative analysis of aerogeophysical and remotely sensed data, ground geophysical surveys, geochemical prospecting and subsurface exploration through pitting, trenching and finally drilling. As a result of survey proved reserve of important minerals in respect of iron ore, bauxite, ores of copper, gold and silver, besides coal in the mineral rich states is given in Annexure-I. Status about mineral production for 1999-2000 for different minerals is given in Annexure-II. The work for segregating data for production and proven reserves of minerals in the new states including Jharkhand is in hand.

The demand and supply projections of minerals are done as part of the Five Year Plan exercises. Such projections do not cover disaggregated information on requirements and availability of all individual minerals.

(d): The Government has taken long term measures for development of the mines and mineral sector. In 1993, the National Mineral Policy for the non fuel sector was framed. The Mines and Minerals (Development & Regulation Act, 1957 was revised in 1994 and recently in December, 1999 in order to make the mining sector more investor friendly and progressive. The Government has also formulated Mineral Conservation and Development Rules, 1988 for giving a thrust to conservation of minerals. The recent amendments have introduced the stage of reconnaissance operations in line with the global practice, delegated more powers to the State Governments for grant, renewal and transfer of mining leases for cutting down procedural delay, empowered the States to prevent and take action against illegal mining etc.

ANNEXURE-I

PROVED RESERVES

Statement of Proved reserves of the important minerals in the various States

State	IRON ORE	BAUXITE	COPPER ORES	GOLD ORES	SILVER ORES	COAL
Hematite						
Magnetite						
(M.M.T.)	(`000 tonnes)		(tonnes)	(tonnes)	(M.T.)	
Andhra Pradesh	169848	338	438446	1161750	6624.83	
Bihar+	18.25 15398	46584	7200	33532		
Goa	404+643	3935				
Gujarat	43685	2225				
Karnataka	665+1427	1801	963	3270984	2283276	

Kerala	462280			
Madhya Pradesh+	771 52132	91498		10762.37
Maharashtra	88 62267		3633.3	
Orissa	1349 380961	1274150		7097.88
Rajasthan		22275 74369900		
West Bengal		10127.19		

+ Undivided

The mining of the proved reserves is subject to the availability of land besides other factors like clearance from environmental angle and consideration if the area is lying within the forest region.

ANNEXURE -II

MINERAL PRODUCTION 1999-2000 (BY-STATES)

Mineral/State Unit 1999-2000
Quantity

Copper Conc

Bihar+ tonne 12640
Madhya Pradesh+ tonne 74172
Rajasthan tonne 77569
Sikkim tonne 620

Sub total : 165001

Gold

Andhra Pradesh `Kg,` 177
Bihar `Kg,` 433
Karnataka `Kg,` 1832

Sub total : 2442

Limestone

Andhra Pradesh oot 23360
Assam oot 402
Bihar+ oot 1140
Gujarat oot 12870
HimachalPradesh oot 6227
Jammu & Kashmir oot 66
Karnataka oot 9823
Kerala oot 447
Madhya Pradesh+ oot 34420
Maharashtra oot 6569
Meghalaya oot 279
Orissa oot 1814
Rajasthan oot 20280
Tamil Nadu oot 10191

Sub total : 127891

Manganese Ore

Andhra Pradesh tonne 87646
Bihar+ tonne 6125
Goa tonne 13623
Karnataka tonne 278056
Madhya Pradesh+ tonne 325864
Maharashtra tonne 353406
Orissa tonne 500763

Sub total : 1565483

Iron Ore

Andhra Pradesh oot 340
Bihar+ oot 11913
Goa oot 15002
Karnataka oot 15681
Madhya Pradesh oot 18582
Maharashtra oot 25
Orissa oot 11921
Rajasthan oot 10

Sub total : 73475

Bauxite

Bihar+ tonne 1227757
Goa tonne 38645
Gujarat tonne 952471
Karnataka tonne 30177
Kerala tonne 16320
Madhya Pradesh+ tonne 685867
Maharashtra tonne 899444
Orissa tonne 2866032
Tamil Nadu tonne 137712

Sub total : 6854425

Chromite

Karnataka tonne 12918
Maharashtra tonne 702
Orissa tonne 1682420

Sub total 1696040

Mica (Crude)

Andhra Pradesh tonne 902
Bihar+ tonne 320
Rajasthan tonne 51

sub total : 1273

Source : Indian Burea of Mines (IBM)

+ Undivided