

GOVERNMENT OF INDIA
MINISTRY OF MINES
LOK SABHA
UNSTARRED QUESTION NO. 2436
ANSWERED ON 16.03.2022

IRON ORES RESERVES

†2436. SHRI RAHUL KASWAN:

Will the Minister of MINES be pleased to state:

- (a) whether the Government has done any assessment of the total requirement for iron ore in the country keeping in view the demand of domestic industry and if so, the details thereof;
- (b) whether the Geological Survey of India has done any survey about the total deposits of the iron ore in the country and if so, the details thereof;
- (c) the State-wise details of the iron ore extracted and produced during the current year; and
- (d) whether the present availability of iron ore in the country is adequate to cater to the domestic demand and if not, the response of the Government in this regard?

ANSWER

THE MINISTER OF MINES, COAL AND PARLIAMENTARY AFFAIRS
(SHRI PRALHAD JOSHI)

(a): As per the National Steel Policy 2017, it has been projected that for 300 million tonnes of crude steel capacity by the year 2030-31, the demand for iron ore would be 437 million tonnes.

(b): The Government has taken initiatives to explore more and more minerals. The Geological Survey of India (GSI) has been giving emphasis on mineral exploration to augment mineral resource in tune with the thrust given by the Government. GSI carries out 'reconnaissance survey' [G4], 'preliminary exploration' [G3] and 'general exploration' [G2] following the United Nations Framework Classification (UNFC) guidelines with an aim to augment resource for various mineral commodities including iron ore. In practice, the resource bearing G2/G3 reports are being handed over to the concerned State Governments for auctioning of mineral concession. Recently, following the Minerals (Evidence of Mineral Contents) Amendment Rules 2021, GSI has handed over geological memorandum to the concerned State governments for auctioning as composite licence. Since the Mines and Minerals (Development and Regulation) Amendment Act, 2015, GSI has augmented 1470.20 million tonne iron ore resource in the country. The details of iron ore exploration carried out by GSI in last 3 years and current field season 2021-22 is provided at Table-1 in Annexure-I.

(c): The production of iron ore in the current year i.e. 2021-22 (April-January) (P) is provided at Table-2 in Annexure-II. The State-wise reserves/resources of iron ore

(Haematite & Magnetite) as on 01.04.2015 is provided at Table-3 and Table-4 respectively in Annexure-II.

(d): As per the Annual Report 2020-21, Ministry of Steel, the production of crude steel was 99.570 million tonnes during the year 2020 while the production of iron ore was 204.482 million tonnes during the year 2020-21(P) which is adequate to meet the current demand/requirement by domestic iron & steel industry. The Production, Import, Export and Closing Stock of Iron ore in the country during 2018-19 to 2020-21(P) is provided at Table-5 in Annexure-III.

Annexure-I referred to in reply to LS USQ No. 2436 answered on 16.03.2022 regarding 'IRON ORES RESERVES'

Table 1: Details of iron ore exploration by GSI during last 3 years and current field season 2021-22

Sl. No	FS Year	Region	State	District	Name of Mineral Block / Area/ Belt	UNFC Stage	Mineral Commodity
1	2018-19	CR	MH	Sindhudurg	Vaghmala and Morle areas	G4	Chromite, nickel, iron and manganese
2		CR	CH	Mahasamund	Gopalpur	G4	Iron
3		CR	MP	Singrauli	Birkuniya – Barawani – Chatri area	G4	Gold, Iron
4		ER	Odisha	Sundargarh	Alaghat West	G2	Iron
5		ER	Odisha	Kendujhar	Nuagan West	G2	Iron
6		ER	Odisha	Sundargarh	Kedesala north-east	G3	Iron
7		ER	Jharkhand	West Singhbnum	Baraiburu	G3	Iron and Manganese
8		ER	Odisha	Kendujhar and Sundargarh	Gandhalpada West	G3	Iron
9		ER	Odisha	Sambalpur	Tikiba-Phasimal-Ardapal	G4	Iron and Manganese
10		SR	Andhra Pradesh	Ananthapur	Obulapuram	G4	Iron
11		SR	Telangana	Karimnagar	Dumalkunta and Ragampet	G4	Iron
12		SR	Telangana	Karimnagar	Gollapalli	G4	Iron
13	2019-20	CR	Madhya Pradesh	Sidhi	Gandhigram	G3	Iron
14		CR	Maharashtra	Sindhudurg	Ambadgaon-Matna	G4	Iron
15		ER	Odisha	Mayurbhanj	Badampahar-Suleipat Jashipur	G4	Iron
16		ER	Odisha	Sundergarh	Patamunda (North)	G3	Manganese and Iron
17		ER	Odisha	Kendujhar	Kendudihi North	G3	Iron
18		ER	Odisha	Kendujhar	Uliburu	G4	Iron and manganese
19		ER	Odisha	Keonjhar	Gandhalpada West	G2	Iron
20		ER	Jharkhand	West Singhbhum	Kumdi	G4	Iron and manganese
21		ER	Jharkhand	West Singhbhum	Kadaph	G4	Iron and manganese
22		ER	Jharkhand	West Singhbhum	Marang Ponga - Kodalibad - Tholkabad	G4	Iron and manganese
23		ER	Jharkhand	West Singhbhum	Karampada west	G3	Iron and manganese
24		ER	Jharkhand	West Singhbhum	Karampada east	G3	Iron and manganese
25		ER	Bihar	Jamui	Majos	G2	Iron
26		ER	Odisha	Kendujhar	Laupada	G2	Iron
27		ER	Odisha	Kendujhar	Putulipani	G2	Iron
28		NER	Meghalaya	West Khasi Hills	Nongdom-Langtor	G3	Iron
29		NR	Uttar Pradesh	Sonbhadra	Block 'B', Bharhari	G3	Iron
30		SR	Andhra pradesh	Kurnool	Veldurthy	G3	Iron
31		SR	Andhra pradesh	Prakasam	Juvvikunta and Pedda Alvalapadu	G4	Iron

Sl. No	FS Year	Region	State	District	Name of Mineral Block / Area/ Belt	UNFC Stage	Mineral Commodity	
32		SR	Andhra Pradesh	Prakasam	Ayyaavaripalle-Chundi- Malakonda	G4	Iron	
33		SR	Andhra Pradesh	Kadapa	Letapalle	G4	Iron	
34		SR	Andhra Pradesh	Kadapa	Nagayapalle-Konduru	G4	Iron	
35		SR	Telangana, Andhra Pradesh and Chhattisgarh	Bhadradi-Kothagudem, East Godavari and Sukma	Gottugudem-Kondipalle	G4	Iron	
36		SR	Karnataka	Haveri	Masur- Kanvi Siddageri	G4	Manganese and low grade iron	
37		SR	Karnataka	Haveri and Davangere	Chikka- Gonageri-Govinahallu	G4	Manganese and low grade iron	
38		SR	Karnataka	Shimoga	Hittala-Gilalagundi	G4	Manganese and low grade iron	
39		SR	Karnataka	Uttar Karnataka	Devanmane and Gumlagaddde	G4	Manganese and low grade iron	
40		SR	Andhra Pradesh	Chittoor	Gadanki and Bommayyapalli	G4	Iron	
41		SR	Andhra Pradesh	Ananthapur	Obulapuram	G4	Iron	
42		WR	Rajasthan	Jaipur	Banol	G4	Iron	
43		WR	Rajasthan	Jaipur	Morija	G4	Iron	
44		2020-21	ER	Odisha	Kendujhar	Jajang	G2	Iron and manganese
45			ER	Odisha	Kendujhar	Jalahuri	G2	Iron and manganese
46	ER		Odisha	Kendujhar	Roida-I	G2	Iron	
47	ER		Odisha	Kendujhar	Chormalda	G4	Manganese and iron	
48	ER		Odisha	Kendujhar	Balita and Inganijharan	G4	Iron and manganese	
49	ER		Odisha	Sundargarh	Patamunda East	G3	Iron and manganese	
50	WR		Rajasthan	Jaipur	Morija	G3	Iron	
51	2021-22	SR	Karnataka	Haveri and Devanagere	Melabennur	G4	Iron, manganese, cobalt	
52		ER	Bihar	Jamui	Bhanta	G3	Iron	

Annexure-II

Annexure-II referred to in reply to LS USQ No. 2436 answered on 16.03.2022 regarding 'IRON ORES RESERVES'

Table 2: State-wise Production of iron ore during the year 2021-22 (April-January)

(Qty in '000 tonnes)

State	2021-22 (April-January) (P)
Andhra Pradesh	266
Chhattisgarh	32,315
Goa	0
Jharkhand	20,680
Karnataka	33,911
Madhya Pradesh	5,504
Maharashtra	664
Odisha	1,09,675
Rajasthan	1,020
Telanganana	0
All India: Total	2,04,035

(P): Provisional; Source: IBM, MCDR returns

Table 3: State wise Reserves/resources of Iron ore (Haematite) as on 01.04.2015

(Qty in '000 tonnes)

State	Reserves	Remaining Resources	Total Resources
Andhra Pradesh	29,768	3,11,294	3,41,062
Assam	0	12,600	12,600
Bihar	0	55	55
Chhattisgarh	13,87,437	34,70,687	48,58,124
Goa	3,58,239	8,31,075	11,89,313
Jharkhand	4,39,372	48,47,045	52,86,417
Karnataka	5,50,247	19,16,607	24,66,854
Madhya Pradesh	62,063	2,67,900	3,29,963
Maharashtra	17,241	2,76,862	2,94,103
Meghalaya	0	225	225
Odisha	25,72,217	49,86,447	75,58,664
Rajasthan	4,658	33,745	38,404
Telangana	509	52,673	53,181
Uttar Pradesh	0	58,000	58,000
Total	54,21,751	1,70,65,214	2,24,86,965

Figures rounded off; Source: IBM, National Mineral Inventory (as on 01.04.2015)

Table 4: State wise Reserves/resources of Iron ore (Magnetite) as on 01.04.2015

(Qty in '000 tonnes)

State	Reserves	Remaining Resources	Total Resources
Andhra Pradesh	0	13,92,098	13,92,098
Assam	0	15,380	15,380
Bihar	0	2,659	2,659
Chhattisgarh	11,183	42	11,225
Goa	4,990	2,61,345	2,66,336
Jharkhand	0	10,667	10,667
Karnataka	446	78,01,744	78,02,190
Kerala	0	83,435	83,435
Maharashtra	583	302	885
Meghalaya	0	3,380	3,380
Nagaland	0	5,280	5,280
Odisha	74	79	152
Rajasthan	35,423	5,81,493	6,16,916
Tamil Nadu	0	5,07,037	5,07,037
Telangana	0	71,514	71,514
Total	52,699	1,07,36,455	1,07,89,155

Figures rounded off; Source: IBM, National Mineral Inventory (as on 01.04.2015)

Annexure-III**Annexure-III referred to in reply to LS USQ No. 2436 answered on 16.03.2022 regarding 'IRON ORES RESERVES'****Table 5: Production, Import, Export and Closing Stock of Iron ore in India during 2018-19 to 2020-21(P)**

(Quantity in Million Tonnes)

Year	Production	Import	Export	Closing Stock
2018-19	206.50	12.81	16.15	162.64
2019-20 (P)	244.08	1.25	36.63	145.47
2020-21 (P)	204.48	0.77	57.72	120.98

Source: IBM; (P): Provisional
