



MOMENTUM JHARKHAND

The investment destination
GLOBAL INVESTORS' SUMMIT 2017
16 - 17 February, Ranchi



MINES AND MINERALS



झारखण्ड सरकार

Contents

- Advantage Jharkhand
- Mines and Minerals in India
- Mines and Minerals in Jharkhand
- Investment Opportunities
- Key Industry Players

Advantage Jharkhand



1st

- ✓ Ranked 1st in Labor reforms and inspection related compliances in India^[1]
- ✓ Endowed with 40% of India's mineral wealth. Leading producer of steel, coal, mica and copper in India (1st rank in coal, 2nd rank in Iron Ore, Apatite rock phosphate, Cobalt, Silver Ore and 3rd rank in Copper, Graphite)
- ✓ Lowest man days lost due to long history of industrial harmony^[2]
- ✓ 1st in country to have SWAN under NeGP and CSC in rural areas^[3]

2nd

- ✓ 10.5% GSDP^[4] growth rate - Second fastest in Eastern India^[5]

5th

- ✓ Ranked 5th Foreign Direct Investment FDI destination in India^[6]

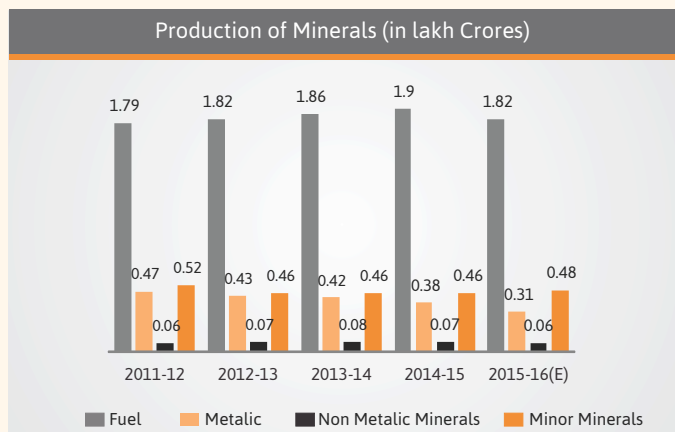
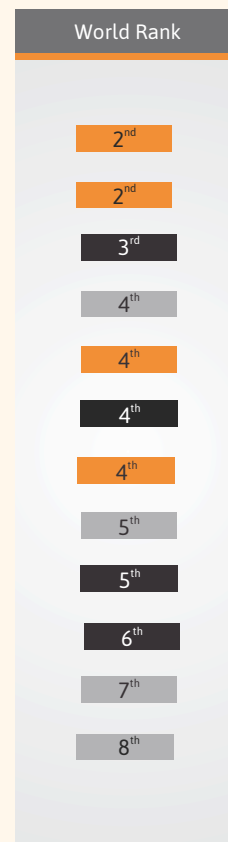
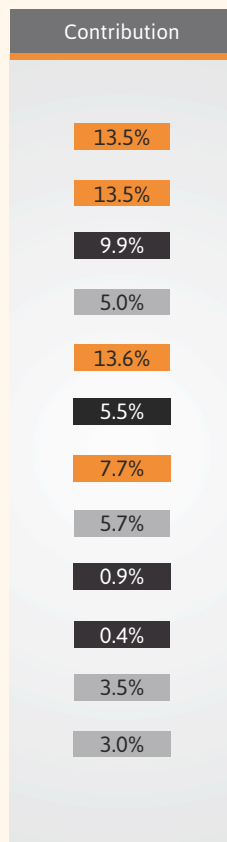
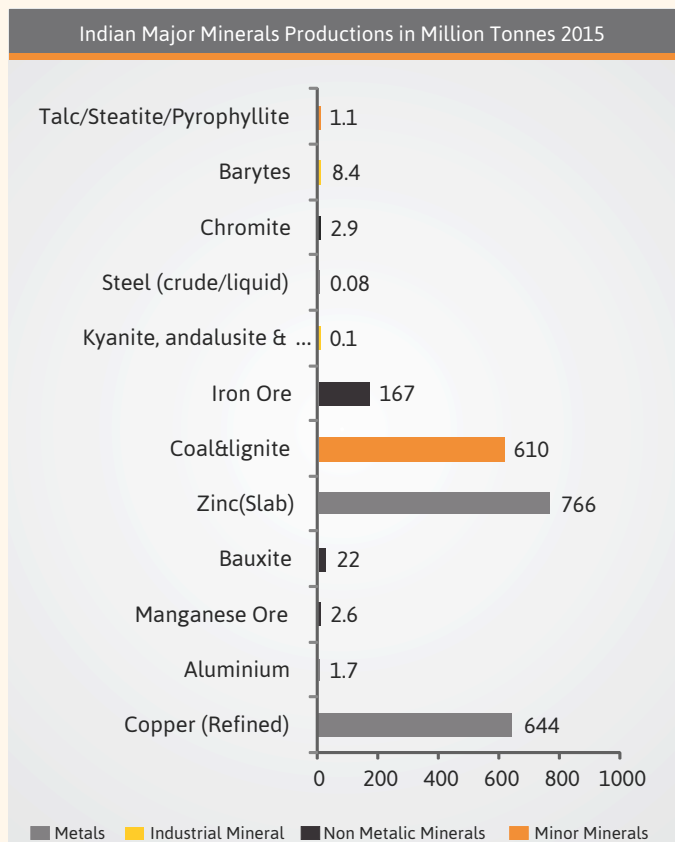
7th

- ✓ Ranked 7th in "Ease of Doing Business" in India in 2016 with an evaluation score of 96.57%^[7]

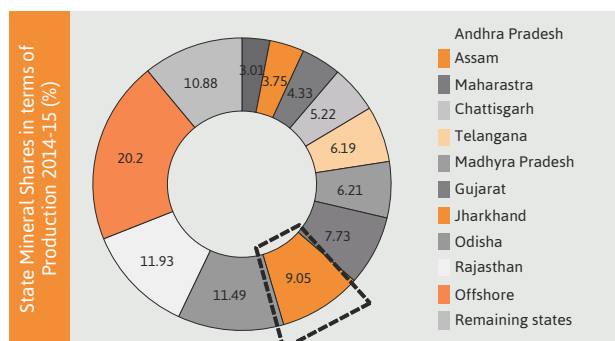
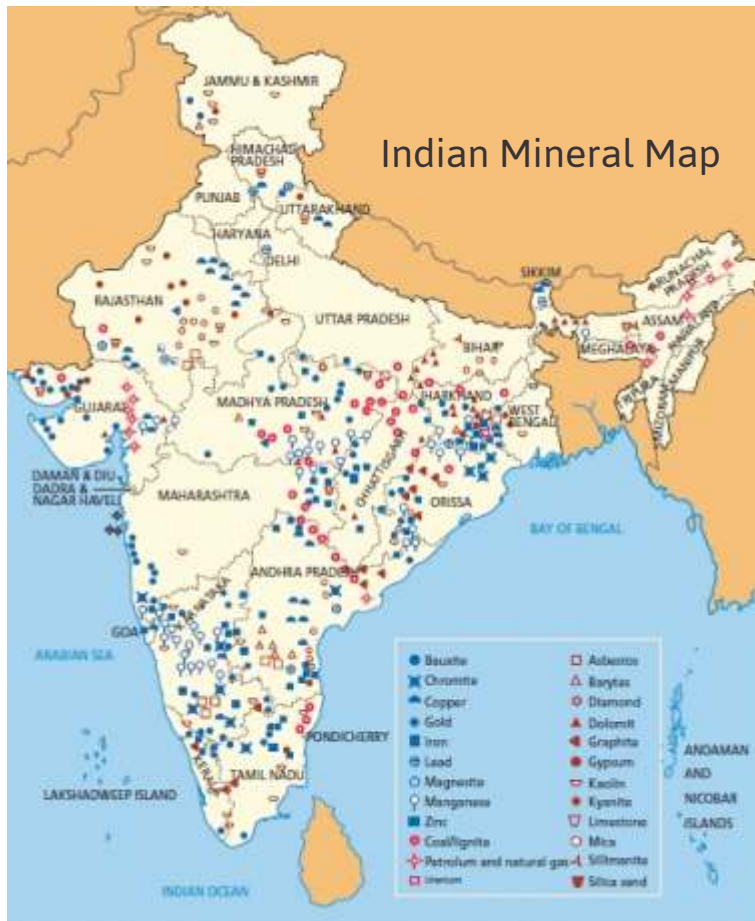
[1] World Bank Report on Assessment of State Implementation of Business Reforms
 [2] Indian Labour Journal -2015
 [3] SWAN: State wide Area Network; CSC: Common Service Centers
 [4] GSDP – Gross State Domestic Product

[5] CAGR during 2004-05 to 2014-15
 [6] Source: FDI Intelligence Survey
 [7] World Bank Report

Scenario in India



Mines and Minerals Scenario in India

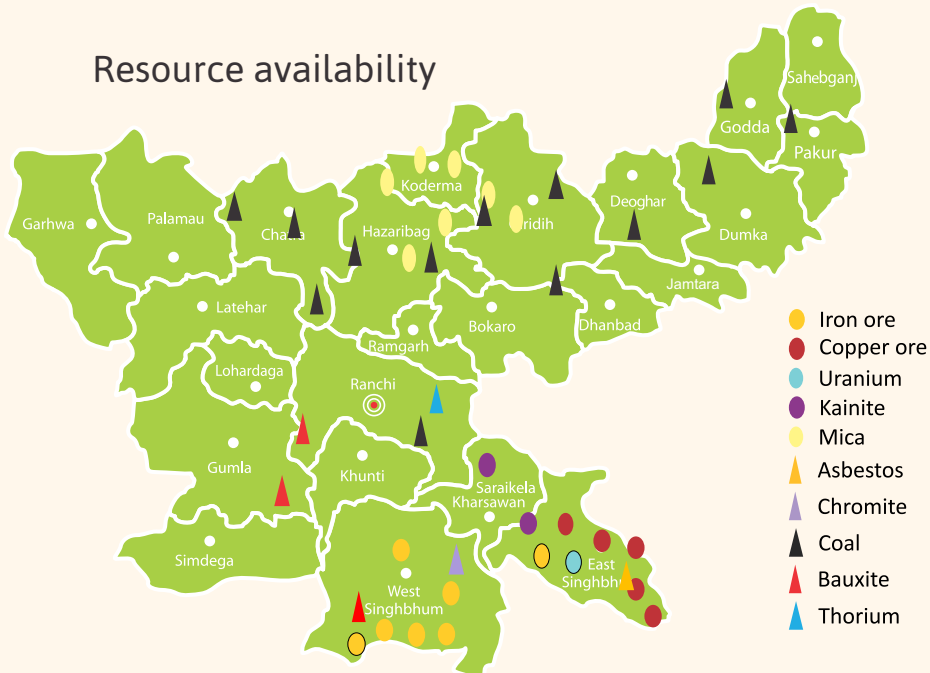


State	Value of Mineral Production (in Crores)
Andhra Pradesh	13,859
Chhattisgarh	20,294
Goa	890
Gujarat	30,578
Jharkhand	29,093
Karnataka	9680
Madhya Pradesh	15,323
Maharashtra	18,860
Odisha	29,656
Rajasthan	40,198
Tamilnadu	7305
Telangana	23,972

Source: Annual Report 2015-16, Ministry of Mines

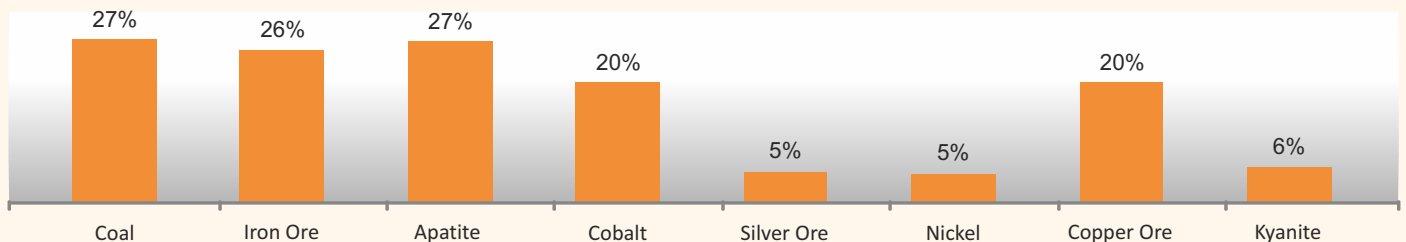
Natural Resources

Jharkhand- A land of Mines and Minerals



Mineral	Rank in India
Coal	1
Iron Ore	2
Apatite rock	
Cobalt	
Silver Ore	
Nickel	
Copper Ore	3
Kyanite	
Graphite	
Asbestos	
Black Granite	
Coloured Granite	4
Fireclay	
Bentonite	5
Chromite	
Vermiculite	

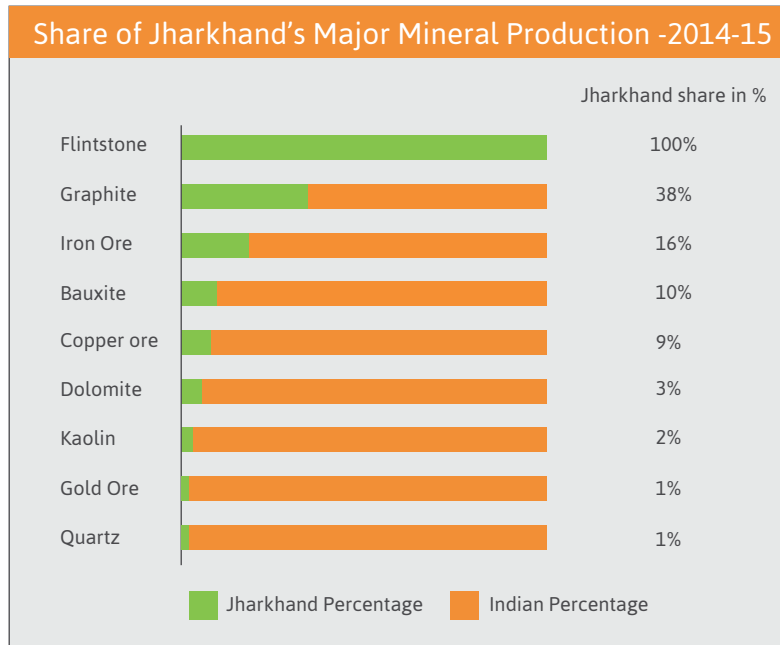
Jharkhand's Share in Indian Mineral Reserves



Source: Department of Mines and Geology, Jharkhand

Mines and Minerals Scenario in Jharkhand

- ✓ Jharkhand ranks 3rd in terms of mineral production in the country.
- ✓ It accounts 40% mineral reserves of the country.



Source: Department of Mines & Geology, Jharkhand, Ministry of Mines, India

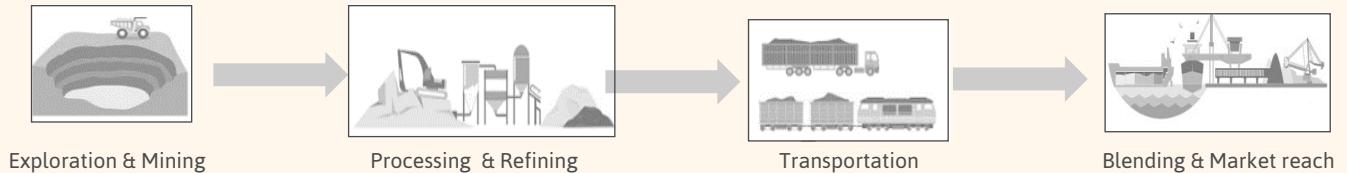
Minerals Reserves in Jharkhand

Mineral	Reserves (in Mn tonnes)
Black & Coloured Granite	8,875,340
Coal	80,356.20
Iron Ore	4,596.62
Limestone	634.41
Copper Ore	288.12
China clay/Kaolin	198.69
Quartz/Silica	156.52
Bauxite	146.32
Fireclay	66.61
Dolomite	41.43

Mineral	Reserves (in Mn tonnes)
Silver Ore	23.84
Manganese Ore	13.7
Graphite	12.91
Magnetite	10.54
Cobalt	9.00
Nickel	9.00
Gold Ore	8.15
Kyanite	6.03
Apatite rock	7.27

Source: Department of Mines & Geology, Jharkhand, Ministry of Mines, India

Opportunities for Mining Equipment Manufacturers



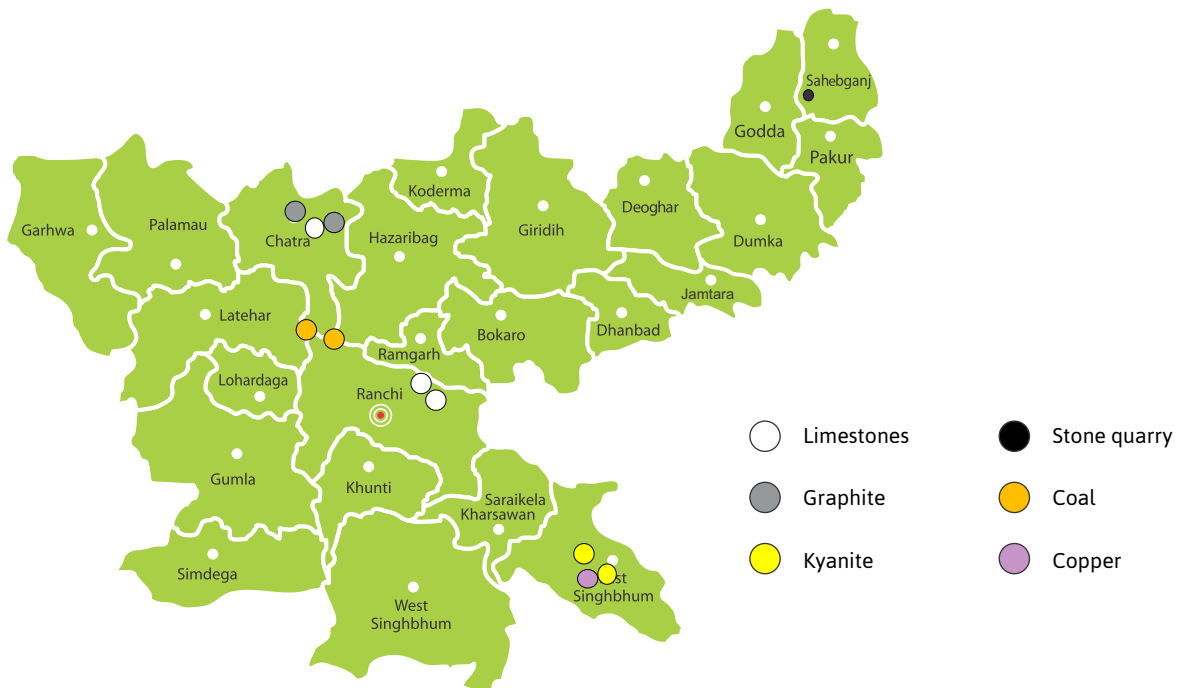
Opportunities

- | | | |
|--|--|---|
| <ul style="list-style-type: none"> ✓ Manufacturing of Exploration Equipment such as Augers, Drilling rigs, and other tools ✓ Manufacturing of Mining Exploration vehicles such as Articulating trucks, Bulldozers, Draglines, Drills, Haul Trucks, Loaders, Motor Graders, Excavators and others | <ul style="list-style-type: none"> ✓ Manufacturing of Processing & refining equipment such as Grinding equipment, Spiral classifiers, Magnetic Separators, Plate settlers, Spiral Dewaterers, Thickeners & Clarifiers, Vertical Plate Pressure Filters etc. | <ul style="list-style-type: none"> ✓ Manufacturing of Transportation vehicles such as Hauling Trucks, Dragline and Stripping shovel, Bucket wheel excavator, Belt Conveyors, Motor Scrapers etc. ✓ Apart from above vehicles manufacturing of vehicle ancillaries is also an opportunity. |
|--|--|---|

Advantages for setting up of Equipment Manufacturing Facilities in Jharkhand

- | | |
|---|---|
| <ul style="list-style-type: none"> ✓ One of the biggest hub for Auto manufacturing cluster in Asia ✓ The state accounts for 40% mineral reserves of the country ✓ Ranks 3rd in terms of mineral production in India | <ul style="list-style-type: none"> ✓ Mining equipment demand witnesses robust growth in East India ✓ Attractive incentives for setting up of Mega Projects under state policies ✓ Attractive incentives for MSMEs under state policies |
|---|---|

Ready Investment opportunities in Mineral Exploration



S.No	Mine	Location
Limestone Mines		
1	Benti-Bagda	Ranchi
2	Semra-saltua	Palamu
3	Salhan	Ranchi
Graphite Mines		
4	Muhagain-Tulbla	Palamu
5	Koiri-Pathra	Palamu
Kyanite Mines		
6	Jyoti Pahari	East Singhbhum
7	Sirboi	East Singhbhum
Stone quarry		
8	Chandula-Simalgoda	Sahebgunj
Coal Blocks		
9	Jagaldaga block	Latehar
10	Gowa	Latehar
Copper Blocks		
11	Ramchandrapahar	East Singhbhum

Key Industry Players

Leading Industries

- Alumina
- Asbestos
- Cement
- Ceramic
- Chemicals
- Copper smelter
- Foundry
- Iron & Steel
- Sinters & Pellets
- Pig Iron
- Sponge Iron
- Ferro Alloys
- Tin Plates
- Glass
- Refractory

Leading players





झारखण्ड सरकार

www.advantage.jharkhand.gov.in

Helpline: 0651-6556666

Contact details

Mr. Sunil Kumar Barnwal IAS
Secretary,
Department of Industries,
Mines and Geology, 3rd Floor,
Nepal House, Doranda Ranchi,
Jharkhand- 834002
Phone: 0651-2490746
Fax: 0651-2491587
e-mail: sec-ind-jhr@nic.in

Contact details

Mr. Aboobacker Siddique IAS
Mines Commissioner
Department of Industries,
Mines and Geology, Jharkhand
Phone: 0651-2490174
Fax: 06512491587
e-mail: commissionermines@gmail.com

www.momentumjharkhand.com

Follow us on



MomentumJharkhand2017



InvestJharkhand



MomentumJharkhand