

Durg Bastar

· Chhattisgarh

Dalli Rajhara

Bailadila Dantewada • Karnataka

Ballari Chikkamangaluru Chitradurga Baba budan giri Kudremukh



-Sundargarh

-Keonjhar

-Kalahandi

—Mayurbhanj

-Koraput

Karnataka: Ballari, Chikkamangaluru

<u>Bauxite:</u> Ore of Aluminium; non-ferrous Reserve

· Topmost in world: Australia

· Topmost in India: Odisha

·Jharkhand: Lohardaga, Palamu, Ranchi

'Gujarat: Bhavnagar, Junagarh

. Madhya Pradesh: Katni, Balaghat

Few Aluminium producing Companies and their HQ NALCO→HQ: Bhubaneswar (Odisha) BALCO→HQ: New Delhi · HINDALCO→ HQ: Mumbai · Vedanta Resources→ HQ: Mumbai

Copper Production •Topmost in India: Madhya Pradesh —Balaghat (mines) —Malajkhand (region)



Rajasthan

·Jharkhand: Singhbhum



—Jhunjhunu and Alwar (regions) —Khetri (mines)

Mica: it is used as insulators in electronics and electrical appliances <u>Production</u> (India: Andhra (top), J & K, Bihar

Gold

- ·Hutti Gold Mines (Raichur)
- · Ramagiri: Andhra Pradesh

Diamond

- . India: Madhya Pradesh (Panna) is the only state that produces diamond
- **Topmost in World:** Russia

<u>Lithium</u>: known as "White Gold" <u>World</u>

- Reserve (top): Chile
- ·Production (top): Australia

Coal

- ·Known as "Black Gold" and "Buried Sunshine"
- ·Calorific value 🕇

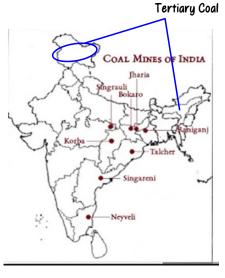
Carbon content \uparrow Quality of coal Moisture content \downarrow

Four varieties

Anthracite: 80–90% Coking coal (used in metallurgy) Bituminous: 60–80% Lignite: 40–60% Peat: <40% Also found in India

Also called as Brown coal

Mostly found in India





Reserve (top): USA

India

•Reserve (top): Odisha > Jharkhand > Chhattisgarh

- · Production (top): Chhattisgarh > Odisha
- States
- Mines
- · Jharkhand Jharia, Bokaro, Giridih, Karanpura
- Chattisgarh Hasdeo, Korba, Mand-Raigarh
- Tamil Nadu Neyveli
- Odisha Jharsuguda, Talcher, Ib valley

Tertiary Coal: low-grade coal --- Seen in J & K, Meghalaya

Oil and Natural Gas

-> Largest component of natural gas: Methane

India

·Western offshore: Mumbai High, Gujarat

·Assam: Digboi

 •Madhya Pradesh: Singareni (coal mines)

One Liners (MCQs)



- · Main mineral constitutions of continental mass are: Silicon, Aluminium
- · Hirakud Captive Thermal Power Plant is located in: Odisha
- . The major resources of Gondhwana coal, which are metallurgical coal are located in: Damodar valley
- Peat has low carbon content and high moisture content
- Reserves of silver found in: Odisha, Jharkhand, Andhra, Gujarat

Amarkantak Plateau, Maikal hills and the plateau region of Bilaspur-katni are known for presence of: Bauxite

- . H.V.J gas pipeline from Hazira in Gujarat to Jagdishpur in UP) passes through: Madhya Pradesh
 - →H: Hazira in Gujarat V: Vijaipur in MP J: Jagdishpur in UP

India's 1st interstate gas pipeline, the project began in 1986, with the establishment of GAIL Ltd.

Guj-Raj-MP-UP-Haryana-Delhi

. Feldspar is a large group of rock-forming silicate minerals that constitutes more than 50% of the Earth's crust and is widely used in the glass and ceramic industries

·Jaduguda is know for Uranium deposits

In Singhbhum, Jharkhand

Also found in Cuddapah, Andhra