

province

4.2/15

Q. Examine the importance of Dongargarh and Bailadila ranges in the mineral geography of Chhattisgarh. (15 Marks)

The Dongargarh and Bailadila ranges, located in the Bastar-Kanker region of southern Chhattisgarh, are two of the state's most important geological belts. Overall, Chhattisgarh contributes around some 16% of India's mineral production.

1. Location: Bailadila → A Southwest-Northeast trending hill range in Dantewada (Bastar).
→ Bailadila is a major high-grade iron-ore province which provides World-Class haematite.
Dongargarh → Known for volcanic plutonic rock and identified as an important Uranium province.

2. Mineral resources & characteristics:-
• Bailadila (Haematite Iron Ore) :- often >60-66% of Fe content, low impurities
• Dongargarh (Uranium) - Has been focus of atomic minerals directorate exploration.

Beside strategic location and characteristics, Dongargarh and Bastar ranges have immense importance in state's economy, industry and strategic resources.

Introduction can be more specific like:
Dongargarh is Uranium rich province & Bailadila is famous for its Haematite iron ore in the Bastar-Kanker region.

Irrelevant to the demand of the question as question strictly demand Importance.
This all content can be summarised in Intro or Importance.

So knowledge is good but irrelevant to question.

→ This is the demand of the question and you should have focused on this part.

Importance:-

1) Economic Importance:- Provides world class Haematite ore.
↳ Supplies raw materials for Bhilai steel plant, Raipur steel plants etc.
↳ Exports to the Japan & South Korea via Vizag port.
↳ Generate royalty and revenue for state.
↳ Potential for base metals → future industrial opportunities.

2) Industrial Importance:-
↳ Bailadila :- Backbone of steel industry in Chhattisgarh & India.
↳ Provide potential to value-added industries.
↳ Dongargarh :- Supports energy security and nuclear power development.

3) Strategic Importance:- Strengthen India's export profile.
↳ Enhance Chhattisgarh's position as economic and strategic mineral hub.

Conclusion:- Bailadila and Dongargarh are cornerstone geological belts with immediate & industrial/Economic value. Responsible extraction and governance ensuring socio-economic gains.

Uranium:- Specify that you are talking about Uranium here.

Specify which industries, don't write answers open endingly.

Can be more impressive.

Remark:-
- Lack of understanding of question.
- Average knowledge of topic.
for ex:- Importance can be

- Economic
- Industrial
- Strategic
- Regional development
- Policy and Governance
- Environmental
- Social etc.

→ So the question can be dealt effectively with lots of practice and guidance.

→ Overall good knowledge base, Keep Writing.

→ Try to draw map indicating Bailadila & Dongargarh range.