

8. Existing Mineral Based Industries

A number of mineral based industries have been established in the State, based on availability of the basic infrastructure and raw material Details of the existing industrial units are as follows:

Iron & Steel Plant

S. No.	Name of Company	Location	Year of Establishment	Annual Production Capacity (Lakh Tonne)
1.	M/s Bhilai Steel Plant	Bhilai, Durg	1959	Pig Iron - 6.30
				Saleable Steel - 31.53

Sponge/Pig Iron Plants

Over 85 units have been established in the state for producing sponge iron and other allied material. Units are as follows:

Sr.No.	Name of Units	Location
1	M/s. Agrawal Sponge Pvt. Ltd.,Raipur	IGC, Siltara,Raipur
2	M/s. Airan Ispat & Power Ltd.,Bilaspur	Silpahri Indl. Area,Bilaspur
3	M/s. Anjani Steel Ltd.,Raigarh	Vill-Ujalpur,Raigarh
4	M/s. API Ispat & Powertech Pvt. Ltd.,Raipur	Near IGC Siltara,Raipur
5	M/s. Arsh Iron Pvt. Ltd.,Raipur	Vill-Jewra,Raipur
6	M/s. Arti Sponge & Power Pvt. Ltd.,Raipur	Vill-Siltara,Raipur
7	M/s. B.S. Sponge Iron Ltd.,Raigarh	Vill-Taraimal,Raigarh
8	M/s. Baldev Alloys Pvt. Ltd.,Raipur	Vill-Siltara,Raipur
9	M/s.Bhagwati Power & Steel Pvt.Ltd.,Raipur	Vill-Siltara,Raipur
10	M/s. Bhilai Ispat Pvt. Ltd.,Durg	Kumhari,Durg
11	M/s. Crest Steel & Power Pvt. Ltd.,Durg	IGC Borai ,Durg
12	M/s. Devi Iron & Power Pvt. Ltd.,Raipur	Vill-Tendua,Raipur
13	M/s. Drolia Electro Steel Pvt. Ltd.,Raipur	Vill-Siltara,Raipur
14	M/s. Euro Pratik Sponge Pvt. Ltd.,Raipur	Vill-Charoda,Raipur
15	M/s. G.R. Sponge & Power Ltd.,Raipur	IGC, Siltara,Raipur
16	M/s. Gagan Resources Pvt. Ltd.,Raipur	Vill-Siltara,Raipur
17	M/s. Geetanjali Ispat & Power Pvt. Ltd.,Bilaspur	Vill-Hardikona,Bilaspur
18	M/s. Ghankun Steel Pvt. Ltd.,Raipur	IGC, Siltara,Raipur
19	M/s. Godawari Power & Ispat Ltd.,Raipur	IGC, Siltara,Raipur
20	M/s. Gopal Sponge & Power (P) Ltd,Raipur	Vill-Siltara,Raipur

21	M/s. Gravati Trixin Pvt. Ltd.,Raipur	Vill-Achholi,Raipur
22	M/s. Hi-Tech Industries Ltd.,Raipur	Vill-Parsada,Raipur
23	M/s. Ind Agro Synergy Ltd.,Raigarh	Vill-Kotmar,Raigarh
24	M/s. Indian Steels & Power Pvt. Ltd.,Raipur	Vill-Charoda,Raipur
25	M/s. Indo Sponge Iron & Steel Pvt. Ltd.,Korba	Vill-Jhagarha,Korba
26	M/s. Jai Shree Balaji Steel Pvt. Ltd., (HEG)Durg	IGC, Borai,Durg
27	M/s. Jaiswals Neco Ltd.,Raipur	IGC, Siltara,Raipur
28	M/s Jindal steel and power Ltd.	Raigarh
29	M/s. Kalindi Ispat Pvt. Ltd.,Bilaspur	Vill-Belpa,Bilaspur
30	M/s. Khetan Sponge & Infrastructure Ltd.,Raipur	Vill-Sarora,Raipur
31	M/s. Maa Kali Alloys Udyog Pvt. Ltd.,Raigarh	Vill-Gairwani,Raigarh
32	M/s. Maa Mangla Ispat Pvt. Ltd.,Raigarh	Vill-Natwarpur, Raigarh
33	M/s. Maa Shakambari Steel Ltd.,Raigarh	Vill-Sambalpuri,Raigarh
34	M/s. Mahamaya Sponge Iron Pvt. Ltd.,Raipur	IGC, Siltara,Raipur
35	M/s. Mahendra Sponge & Power Pvt. Ltd.,Raipur	IGC, Siltara,Raipur
36	M/s. Mangal Sponge & Steel Pvt. Ltd.,Bilaspur	Bilha,Bilaspur
37	M/s. Monnet Ispat & Energy Ltd.,Raigarh	Vill-Naharpali,Raigarh
38	M/s. Monnet Ispat Limited,Raipur	Mandir Hasaud,Raipur
39	M/s. MSP Steel & Power Ltd.,Raigarh	Vill-Jamgaon,Raigarh
40	M/s. N.R. Sponge Pvt. Ltd.,Raipur	Vill-Bahesar,Raipur
41	M/s. Nalwa Steel & Power Ltd.,Raigarh	Vill-Taraimal,Raigarh
42	M/s. Nav Durga Fules Pvt. Ltd.,Raigarh	Vill-Saraipali,Raigarh
43	M/s. Navbharat Fuse Company Ltd.,Raipur	Vill-Raikot,Bastar
44	M/s. Nirose Ispat Pvt. Ltd.,Durg	Indl. Area Bhilai,Durg
45	M/s. Nova Iron & Steel Ltd.,Bilaspur	Vill-Dagori,Bilaspur
46	M/s. Nutan Ispat & Power Pvt. Ltd.,Raipur	Vill-Jaroda,Raipur
47	M/s. P.D. Industries Pvt. Ltd.,Raipur	Vill-Siltara,Raipur
48	M/s. Phil Ispat Pvt. Ltd.,Bilaspur	Vill-Dhaorabhatha, Bilaspur
49	M/s. Prakash Industries Ltd.,Champa - Janjgir	Vill-Hathnewra Janjgir-Champa
50	M/s. Radha Madhav Sponge Pvt. Ltd.,Bilaspur	Vill-Silpahari,Bilaspur
51	M/s. Raigarh Iron Industries Limited,Raigarh	Vill-Punjipathra,Raigarh
52	M/s. Raigarh Ispat & Power (P) Ltd.,Raigarh	Vill-Delari,Raigarh
53	M/s. Ramnivash Ispat Ltd.,Raipur	Vill-Siltara,Raipur
54	M/s. Rashmi Sponge Iron Pvt. Ltd.,Raipur	Vill-Siltara,Raipur
55	M/s. Real Ispat Pvt. Ltd.,Raipur	Vill- Borjhara,Raipur
56	M/s. Recon Steel & Power Pvt. Ltd.,Durg	Vill-Joratarai, Rajnadgaon
57	M/s. S.K. Saraogi & Company Pvt. Ltd.,Raipur	IGC, Siltara,Raipur
58	M/s. S.K.S. Ispat Ltd.,Raipur	Vill-Siltara,Raipur

59	M/s. Salasar Sponge & Power Ltd.,Raigarh	Vill-Gerwani,Raigarh
60	M/s. Sarda Energy & Minerals Ltd.,Raipur (Raipur Alloys & Steel Ltd.)	IGC, Siltara,Raipur
61	M/s. Satya Power & Ispat Pvt. Ltd.,Bilaspur	Vill-Gatori,Bilaspur
62	M/s. Satyarth Steel & Power (P) Ltd.,Raipur	Vill- Borjhara,Raipur
63	M/s. Scania Steels & Power Ltd.,Raigarh (Shidhi Vinayak Sponge Iron (P) Ltd.,)	Vill-Punjipatra,Raigarh
64	M/s. Seleno Steels Limited,Raigarh	Vill-Taraimal,Raigarh
65	M/s. Shakun Sponge Pvt. Ltd.,Bilaspur	Vill-Silpahari,Bilaspur
66	M/s. Shilpy Steel Pvt. Ltd.,Raipur	Nr. Urla Industrial Area, Raipur
67	M/s. Shiv Shakti Steel Ltd.,Raigarh	Vill-Chakradharpur, Raigarh
68	M/s. Shivalay Ispat & Power (P) Ltd.,Raipur	Vill-Kara Guma,Raipur
69	M/s. Shree Bajrang Power & Steel Ltd.,Raipur	Vill- Borjhara,Raipur
70	M/s. Shree Hare Krishna Sponge Iron Pvt. Ltd.,Raipur	IGC, Siltara,Raipur
71	M/s. Shree Nakoda Ispat Ltd.,Raipur	IGC, Siltara,Raipur
72	M/s. Shree Radhey Industries Ltd.Bilaspur	Vill-Silpahri,Bilaspur
73	M/s. Shree Shayam Sponge & Power Ltd.,Raipur	Vill-Chanderi,Raipur
74	M/s. Shree Sita Ispat & Power Pvt. Ltd.,Raipur	Vill-Borjhara,Raipur
75	M/s. Shri Ambika Ispat (I) pvt. Ltd.,Raigarh	Vill-Taraimal,Raigarh
76	M/s. Shri Shyam Ispat (I) Pvt. Ltd.,Raigarh	Vill-Gairwani,Raigarh
77	M/s. Singhal Enterprises Pvt. Ltd.,Raigarh	Vill-Taraimal,Raigarh
78	M/s. Sunil Sponge Iron Ltd.,Raigarh	Vill- Chiraipani,Raigarh
79	M/s. Sunil Sponge Pvt. Ltd.,Raipur	IGC, Siltara,Raipur
80	M/s. Topworth Steels Pvt. Ltd.,Durg	IGC, Borai,Durg
81	M/s. Trimula Sponge Pvt. Ltd.,Raipur	Vill-Siltara,Raipur
82	M/s. Uday Sponge & Power Pvt. Ltd.,Raipur	Vill-Bhumia-Sakra,Raipur
83	M/s. Vandana Global Ltd.,Raipur	IGC, Siltara,Raipur
84	M/s. Vasvani Industries Ltd.,Raipur	Vill-Siltara,Raipur
85	M/s. Vimal Ispat Pvt. Ltd.,Raipur	Vill-Chicholi,Raipur

CEMENT PLANTS

S. No	Name of Company and location	Year of Establishment	Annual Production Capacity (Lakh Tonne)
1.	ACC Ltd., Jamul, Durg	1965	15.80
2.	Century Cement Ltd, Baikunth Raipur	1975	18.00
3.	Grasim Cement Ltd, Rawan, Raipur	1995	20.61
4.	Lafarge India Ltd., Gopalnagar, Janjgir	1982	22.40
5.	Ultra Tech Cement Ltd. Hirmi, Raipur	1994	17.50
6.	Ambuja Cement Eastern Ltd. Rwan, Raipur	1987	11.46
7.	Lafarge India Ltd., Sonadih, Raipur	1993	31.80

All these cement companies are in the process of enhancing their production capacities. Apart from these, numbers, of new companies like Shree Cements, Emami Group, Rungta, Monnet, Jidal, Jaypee, And Adhunik etc. are in the process of establishing major cement units in the State.

THERMAL POWER PLANTS

National Thermal Power Plants:

S. No.	Name of Company	Location	Capacity/Mega watt.
1.	National Thermal Power Corporation	Korba	2100
2.	National Thermal Power Corporation Sipat II	Sipat, (Bilaspur)	1000

Chhattisgarh Electricity board

1	Korba east phase-II	Korba	200
2	Korba east phase-III	korba	240
3	Dr. Shyama prasad mukharjee TPS (Korba east phase-IV)	korba	500
4	Hasdeo thermal power station (korba west)	korba	840
5	Bhoram dev Co. gen.	Kawardha	6

Independent Power Producer -

S.No.	Name Of Company	Capacity/Mw
1.	M/s Jindal Power Ltd. Tamnar, Raigarh	250.00
2.	M/s Abhijeet Infrastructure Ltd. Siltara, Raipur	15.00
3.	M/s Jagdamba Power and alias Ltd. Siltara, Raipur	25.00
4.	M/s Aryan Coal Beneficiation Private. Ltd. Korba	30.00
5.	M/s Salasar Sponge and power Ltd., Raigarh	15.00

Captive Power Plants:

A number of mineral industries have established captive power generation plants in various parts of the State. These companies are generating power for their own use and few of them are also supplying it to the national grid time to time.

S.NO.	Name Of company	Capacity/Mw
1.	M/s Balco Korba	810.00
2	M/s Jindal Steel and power ltd. Raigarh	347.70
3	M/s Bhilai steel plant, Bhilai	36.00
4	M/s Bhilai electric supply co. Bhilai	74.00
5	M/s Prakash Ind. Ltd. Janjgir-champa	77.70
6	M/s Sarda energy and minerals Ltd. Raipur	73.20
7	M/s Monnet Isp. and power Ltd. Raipur	62.50
8	M/s Century Cement Baikunth, Raipur	37.00
9	M/s A.C.C. Jamul, Durg	34.60
10	M/s Ambuja Cement, Raipur	34.02
11	M/s Ultratech Cement, Raipur	30.00
12	M/s Lafarge India, Bilaspur	27.20
13	M/s M.S.P. Steel and power, Raigarh	24.00
14	M/s Bajrang Power and steel, Raipur	21.20
15	M/s Ispat Godavari Private Ltd. Raipur	86.00
16	M/s Grasim Cement, Raipur	18.00
17	M/s Lafarge India, Raipur	18.00
18	M/s Jaiswal Necco Ltd, Raipur	17.00
19	M/s Nalwa Sponge iron Ltd., Raipur	17.01
20	M/s Vandana Global, Raipur	42.00
21	M/s Ind agro energy Raipur	17.91
22	M/s Arasmeta captive power plant Champa	43.36
23	M/s SKS Ispat Raipur	56.48
24	Singhal enterprises Pvt. Ltd. Raigarh	17.86
25	M/s Jain Carbide and chemicals Pvt. Ltd. Raipur	20.00

26	M/s Hira ferroalloys Ltd. Raipur	20.00
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ALUMINIUM PLANT:

S. No.	Name of Company	Location	Name of the Product	Production Capacity (Lakh Tonnes)
1.	Bharat Aluminium, Co. Ltd., Korba	Korba, 1975	1. Aluminium wire	55,750 Tonnes
			2. Rolled Products	43,600 Tonnes
			3. Ingots & Others	18,000 Tonnes

REFRACTORY INDUSTRY:

S. No.	Name of company	Location year of commerce	Finished products	Installed production capacity
1.	M/s Bharat Refractories Plant, Maroda	Durg, 1980	Basic bricks	
			Silica bricks	10,000 Tonnes
			Mortar	8,000 Tonnes
			Mega carbon bricks	12,000 Tonnes

GRANITE CUTTING & POLISHING:

S. No.	Name and Address of Industry	Raw Materials Required	Raw Materials obtained from
1.	Vimal Stone Associates	a. Granite b. Dolerite	Pharasgaon Distt. Bastar
2.	Shiva Granites Rawabhata, Polished Slabs (Raipur)	polished Slabs	Different Agencies from Local Market
3.	Modi Granite Cutting/ Polishing Industry	Granite Blocks	Different Agencies from Local Market
4.	Patel Granite Cutting/ Polishing Industry	Granite Blocks	Different Agencies from Local Market
5.	Jyoti Stone Industries Rajnandgaon.	Granite and other rocks	Different Agencies from Local Market

CORUNDUM CUTTING & POLISHING:

S. No.	Name and Address of Industry	Raw Materials Required	Raw Materials obtained from
1.	Corundum Craft Jagdalpur	Corundum	CMDC

BAUXITE CALCINATION PLANT:

1.	Bauxite India Ltd., Govindpura, Kanker
2.	Bastar Refractories, Gorgaon
3.	Baghmar Industries, Bilaspur

HYDRATED LIME PLANT:

S. No.	Name of Company	Location	Name of the Product	Production Capacity (Lakh Tonne)
1.	M/s Gangotri Lime Private Ltd.	Dondekhurd	Hydrated Lime	6000 Tonnes
2.	Madhya Pradesh Housing Board	Dondekhurd	Hydrated Lime	2000 Tonnes
3.	M/s Gupta Hydrated Lime & Sagol Industries	Bhanpuri	Hydrated Lime, Sagol	2100 Tonnes

CLAY INDUSTRY:

S. No.	Name of Address of Industry	Raw Materials Required	Raw Materials may be obtained from
1.	Archana Potteries	Clay and Coal	Rangakatera and Korba

8.2 Investment Opportunities in Mineral Sector

In accordance to the globalization policy, the mineral sector has been opened up for private and foreign investment (under FDI).

Chhattisgarh State has immense potential for prospecting exploration and exploitation of minerals for industrial use and export. Deposits of diamond & gemstones, iron ore, coal, limestone, dolomite, gold, tin ore (Cassiterite), bauxite, poly-metallic ores, dimension stones, etc, Chhattisgarh are well known the world over. Good investment potentials exist both in mineral exploration as well mineral based industries.

(A) Mineral exploration:

1. High Value Minerals -

There is huge potential for the search of high value and scarce minerals, associated with the mantle originated basic and ultramafic intrusive rocks. Indications of finding the acidic melt associated mineral deposits of moderate to shallow depths are also well known. To explore such mineral potential, a investments with technical know how and state-of-the-art technology has become inevitable. Potential areas for exploration of diamond, gold and poly-metallic minerals have been identified and being worked by major multinationals, which may facilitate unveiling of other important mineral locations in the State. Reconnaissance permit, prospecting licenses can be obtained to explore the potential, followed by mining leases for exploitation.

2. Bulk Minerals -

Directorate of geology & Mining has identified number of deposits of bulk minerals like iron ore, limestone, dolomite, coal etc with high industrial specification. many of them are under exploitation and rest are under process of leasing.

Since Indian bureau of mines has recommended to lower down the cutoff grade for these minerals, the scenario of the state changes entirely. Now the avenues are open to look for even lower grade minerals, which were earlier considered as waste Chhattisgarh has vast resources of low grade deposits of iron ore, limestone, bauxite etc. Which may prone to be good deposits for future use.

(B) Mining:

Good Investment potentials exist in the field of mineral exploitation especially for bauxite, Coal, tin, ore etc.

Bauxite in the state is reserved for Gout Company CMDC has been accorded PI/ML in number of areas JV can be formed with CMDC for bauxite exploitation Govt. of India allocated coal blocks to various PSUs and to private parties CMDC has been allotted with 5 coal blocks these blocks cab be exploited under JV.

Cassiterite mining in CG is reserved for CMDC. With CMDC, JVC is already working for mining, more such companies can be formed for the purpose.

(C) Mineral based industries:

Chhattisgarh is promising State to set-up heavy, medium and small-scale mineral based industries without importing any major raw material from other states. Besides economic deposits of almost all major and minor minerals, the State is rich in power, water and human resources.

Conventional industries:

Adequate quantity of the raw material is available for sustaining the conventional industries like iron and steel, sponge iron, cement, thermal power generation, calcination, aluminium extraction, cutting and polishing units (gem and dimension stones), ancillary units for and derived from the Cement and Iron industries.

High-tech industry:

The rare alkali metals lithium, rubidium and cesium and other rare metals like beryllium, gallium, tantalum, niobium etc., are the raw material for the sensitive high-tech equipments, instruments and spares in the era of precision and sophistication. These high-tech equipments essentially include the miniature energy storage devices, high quality glass and ceramics with high resistance to metal fatigue, electric & space vehicles, etc.