

STATE REVIEWS



# Indian Minerals Yearbook 2020

(Part- I)

59<sup>th</sup> Edition

STATE REVIEWS  
(Goa)

(ADVANCE RELEASE)

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**GOA****Mineral Resources**

Goa is well-known for its iron and manganese ores. Bauxite and laterite are the other minerals produced in the State. Iron and manganese ore belts extend from south-east to north-west of the State. Manganese ores are associated with iron ores and occur as pockets of various sizes in the form of concretionary pebbles in shales. Important **iron ore** and **manganese ore** deposits are located at Bicholim, Sanguem and Satari talukas. **Bauxite** occurs in the North and South Goa districts; **kaolin** reportedly occurs in South Goa district, while **quartz/silica sand** deposits occur in both North and South Goa districts (Table -1).

**Exploration & Development**

No exploration activity was reported by any agencies during 2019-20.

**Production**

No mineral production except minor mineral was reported from Goa. The value of minor mineral's production is estimated as ₹ 54 crore for the year 2019-20. There were 33 reporting mines in 2019-20 in case of MCDR minerals (Table - 2).

**Mineral-based Industry**

The present status of each Mineral-based Industry is not readily available. However, the principal Mineral-based Industries in the Organised Sector in the State are provided in Table - 3.

**Table-2: Mineral Production in Goa, 2017-18 to 2019-20  
(Excluding Atomic Minerals)**

Mineral	Unit	2017-18			2018-19			2019-20 (P)		
		No. of mines	Quantity	Value	No. of mines	Quantity	Value	No. of mines	Quantity	Value
<b>All Minerals</b>		<b>90</b>		<b>13147147</b>	<b>48</b>		<b>545680</b>	<b>33</b>		<b>545576</b>
Bauxite	t	1	4378	876	1	518	104	-	-	-
Iron Ore	'000t	86	10279	12616879	45**	-	-	31**	-	-
Manganese Ore *	t	3	-	-	2	-	-	2	-	-
Minor Minerals @		-	-	529392	-	-	545576	-	-	545576

*Note :The number of mines excludes Minor minerals.*

*\*\* Only labour reported, production activity stopped by S.C. Order.*

*\* Only labour reported.*

*@ Figures for earlier years have been repeated as estimates because of non-receipt of data for 2019-20.*

**Table – 3 : Principal Mineral-based Industries**

Industry/plant	Capacity ('000 tpy)
<b>Counterweight</b>	
Asavari Vishwanath Parulekar, Convale Bardez	15
<b>Fertilizer</b>	
Zuari Industries Ltd, Zuarinagar, Distt South Goa.	495000 (Urea) 500000 (NP/NPKs) 330 (DAP)
<b>Pellets</b>	
Mandovi Pellets Ltd, Mandovi, Shiroda.	NA
Chowgule & Co. Ltd	NA
<b>Pig Iron</b>	
Sesa Goa Ltd, Bicholim.	625

(Contd)

(Table-3 contd)

Industry/plant	Capacity ('000 tpy)
Aparant Iron & Steel Pvt. Ltd, Sanguem	160
Vedanta Ltd, Amona, Bicholim	832
	1000 (Sinter)
<b>Sponge Iron</b>	
Ambey Metallic Ltd, Pissurlem, Sattari.	36
Goa Sponge & Power Ltd, Santona.	90
Shraddha Ispat Pvt. Ltd, Santona, Sanguem.	72
<b>Ferroalloys</b>	
Karthik Alloys Ltd, Cuncalim.	3.2

*Note: Data, for fertilizer industries, is taken from Indian Fertilizer Scenario, FAI Statistics.*

**Table – 1 : Reserves/Resources of Minerals as on 1.4.2015 : Goa**

Mineral	Unit	Reserves						Remaining resources						Total resources (A+B)
		Proved	Probable	Total	Feasibility	Pre-feasibility	Measured	Indicated	Inferred	Reconnaissance	Total			
		STD 111	STD 121	STD 122	STD 211	STD 221	STD 222	STD 331	STD 332	STD 333	STD 334	(B)		
Bauxite	'000 tonnes	12357	-	1207	13564	14919	1097	10121	6820	-	8646	-	41603	55167
China clay <sup>#</sup>	'000 tonnes	-	-	-	-	-	-	16	-	-	-	-	16	16
Iron ore (Haematite)	'000 tonnes	297271	34709	26259	358239	301806	214187	134955	15286	11535	141558	11747	831074	1189313
Iron ore (Magnetite)	'000 tonnes	4364	-	626	4990	59509	14516	33512	-	-	151811	1997	261345	266336
Manganese ore	'000 tonnes	-	-	-	-	13954	1511	9177	48	262	9464	-	34416	34416
Quartz-silica sand <sup>#</sup>	'000 tonnes	-	-	-	-	-	20	1736	-	-	18248	-	20004	20004

Figures rounded off.

# Declared as Minor Mineral vide Gazette Notification dated 10.02.2015.

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