

भारत सरकार  
GOVERNMENT OF INDIA  
खान मंत्रालय  
MINISTRY OF MINES  
भारतीय खान ब्यूरो  
INDIAN BUREAU OF MINES  
खनन एवं खनिज सांख्यिकी प्रभाग  
MINING & MINERAL STATISTICS DIVISION

# **Statistical Profiles Of Minerals 2011-12**

**Issued by**

**CONTROLLER GENERAL  
INDIAN BUREAU OF MINES, NAGPUR**

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# CONTENTS

	Page		Page
1. Introduction	1		
2. Agate	2	37. Limestone	72
3. Apatite	4	38. Magnesite	74
4. Asbestos	6	39. Manganese Ore	76
5. Ball Clay	8	40. Marl	78
6. Barytes	10	41. Mica	80
7. Bauxite	12	42. Ochre	82
8. Calcareous Sand	14	43. Perlite	84
9. Calcite	16	44. Phosphorite/ Rock Phosphate	86
10. Chalk	18	45. Pyrites	88
11. Chromite	20	46. Pyrophyllite	90
12. Clay (Others)	22	47. Pyroxenite	92
13. Copper Concentrates	24	48. Quartz	94
14. Corundum	26	49. Quartzite	96
15. Diamond	28	50. Ruby	98
16. Diaspore	30	51. Salt (Rock)	100
17. Dolomite	32	52. Sand (Others)	102
18. Dunitite	34	53. Selenite	104
19. Emerald	36	54. Shale	106
20. Felsite	38	55. Silica Sand	108
21. Felspar	40	56. Sillimanite	110
22. Fireclay	42	57. Silver	112
23. Fluorite	44	58. Slate	114
24. Garnet	46	59. Sulphur	116
25. Gold	48	60. Talc /Steatite /Soapstone	118
26. Graphite	50	61. Tin Concentrates	120
27. Gypsum	52	62. Tungsten Concentrates	122
28. Iolite	54	63. Vermiculite	124
29. Iron Ore & Concentrates	56	64. Wollastonite	126
30. Jasper	58		
31. Kaolin	60		
32. Kyanite	62		
33. Laterite	64		
34. Lead & Zinc Concentrates	66		
35. Lime Kankar	68		
36. Lime Shell	70		

## *Abbreviations*

N.A.	Not Available	N.E.	Not Estimated
(P)	Provisional	-	Nil
++	Negligible	Th.	Thousand
crt.	Carat	(e)	Estimated

## INTRODUCTION

This publication presenting the information on mineral production for 2011-12 is the 28<sup>th</sup> issue of the series 'Statistical Profiles of Minerals'. It provides a bird's eye view of different aspects of all the minerals (except atomic, fuel and minor minerals) produced in the country, which fall under the purview of Mineral Conservation and Development Rules, 1988 (MCDR 1988).

The total value of MCDR minerals (excluding atomic, fuel and minor minerals) produced during 2011-12 was Rs. 52393 crore. The principal minerals contributing to the total value were iron ore 72%, limestone 7%, chromite 5%, lead & zinc concentrates 4%, manganese ore 2% and bauxite, copper concentrates, gold and phosphorite 1% each. The share of these ten minerals together in the total value of MCDR mineral production was 94% during 2011-12. The average labour employed during 2011-12 in the mines covered under MCDR 1988 was 1.35 lakh persons per day compared to 1.33 lakh persons per day in the preceding year. During 2011-12, 33% of the total labour was engaged in iron ore mines followed by 17% in limestone, 10% in manganese ore, 5% in bauxite, 4% in chromite, 3% each in copper conc., gold and lead & zinc conc., 2% each in dolomite, garnet (abrasive) and steatite mines, 1% each in chalk, feldspar, kaolin, magnesite, phosphorite, pyrophyllite, quartz, silica sand and sillimanite. The remaining 10% of the labour force were engaged in the mines of other minerals.

The publication contains information on various parameters i.e. mineral reserves and its life index, number of mining leases, lease area, number of mines, production by captive and non-captive mines, public & private sector, A & B category, state and grade etc. Data on employment, stock, principal mines, domestic consumption and exports/imports by countries are also presented in the publication.

The total mineral resources as on 1-4-2010 are classified under Reserves and Remaining Resources. Life Index beyond 1-4-2010 has been worked out using reserves/remaining resources data as per UNFC up to 332 stages. Due to conceptual changes, there will be few notable variations in the life indices if compared with the earlier one. Mineral resources data are updated as on 31-3-2010. The Mineral Economics Division of the Bureau has supplied data on reserves, life index, mining leases and domestic consumption.

Data on production for 2010-11 are based on the production reported by the mine owners through Annual/Monthly returns under the provisions of the MCDR 1988 while those for 2011-12 are based on the monthly production reported by the mine owners in Monthly returns. Data on stocks relate to mine-head at the end of the financial year. The foreign trade data are incorporated for the years 2007-08 to 2011-12 and country-wise information is given for the year 2011-12 as received from the source agency i.e. Director General, Commercial Intelligence & Statistics, Kolkata. The export data includes re-exports for the years 2007-08 to 2011-12. Country-wise break-up of some of the minerals at 8- digit ITC (HS) code level is not available for the year 2011-12. The entire figures of such minerals have been grouped under country-item 'unspecified' and are covered under 'others'. The data in respect of such minerals have limitations to that extent.

# AGATE

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010	:	N.A.	N.A.

Life Index (Years)	:		N.E.
--------------------	---	--	------

B) Mining Leases as on 31-3-2011	:	No. of Leases	Lease Area
(Area in Hectares)		3	59.62

C) Mines Reporting Production :

	No. of Mines		Production (Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	1	1	19	476
Private Sector	1	1	19	476
Non- Captive	1	1	19	476
'B' Category	1	1	19	476
<b>STATES</b>				
Gujarat	1	1	19	476

D) Production Trend :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
Quantity (Tonnes)	25	-	11	19	476
Value (Rs.'000)	14	-	6	10	238

E) Closing Stock	:	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
Quantity (Tonnes)		39	40	57	25	100

F) Employment	:		
No. of Persons Employed per Day			12      13
Percentage Share of Employment to Total for MCDR Minerals			0.01      0.01

G) Domestic Consumption Trend : 2006-07 2007-08 2008-09 2009-10 2010-11  
Quantity (Tonnes) N.A. N.A. N.A. N.A. N.A.

H) Exports/Imports Trend :

Exports (Cut)	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Th. Carats)	32	630	125	725	1733
Value (Rs. Crore)	1.77	5.72	1.98	5.54	11.16
Percentage Share to the Value of Exports of All Minerals	++	++	++	++	++
Exports (Uncut)					
Quantity (Tonnes)	1009	24540	39090	34453	429143
Value (Rs. Crore)	0.42	0.85	0.88	1.45	4.33
Percentage Share to the Value of Exports of All Minerals	++	++	++	++	++
Imports (Cut)					
Quantity (Th. Carats)	*	*	*	3	5
Value (Rs. Crore)	++	++	0.14	1.65	3.11
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++
Imports (Uncut)					
Quantity (Tonnes)	342	42	39	637	25877
Value (Rs. Crore)	0.02	0.02	0.34	1.52	0.54
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2011-12:

Exports (cut)	U S A	China P Rep	Hong Kong	Germany	S. Arab	Others
Quantity (Th. Carats)	293	678	241	87	59	375
Value (Rs. Crore)	3.15	2.42	1.03	0.79	0.75	3.02
Exports (Uncut)	China P Rp	U S A	Hong Kong	Saudi Arab	Netherland	Others
Quantity (Tonnes)	343840	40895	22450	2200	835	18903
Value (Rs. Crore)	2.34	0.72	0.28	0.22	0.09	0.68
Imports (Cut)	China P Rp	Korea Rp	U S A	Germany	Others	
Quantity (Th. Carats)	5	++	++	++	++	
Value (Rs. Crore)	3.07	0.02	0.01	0.01	++	
Imports (Uncut)	U S A	China P Rp	Tanzania Rep	Brazil	Turkey	Others
Quantity (Tonnes)	114	4729	12350	4560	2477	1647
Value (Rs. Crore)	0.25	0.09	0.07	0.06	0.03	0.04

J) Agate Mine in 2011-12 :

Name of Mine	Location of Mine	Address of Mine Owner
Bhimpur	Vill. Bhimpur Distt. Bharuch Gujarat	A.I. Saiyad, 16, Vyapar Bhavan, Himmatnagar, Gujarat

K) Contribution of above Mine in 2011-12:

Quantity (Tonnes) 476  
Percentage Share to All-India Production 100

\* Quantity figures not given due to partial coverage. The corresponding value figures, however, have full coverage.

## APATITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. Tonnes)	2090	22139	24229

**Life Index (Years)** : Very Large

B) <b>Mining Leases as on 31-3-2011</b> (Area in Hectares)	<b>No. of Leases</b> 2	<b>Lease Area</b> 20.17
---	---------------------------	----------------------------

C) **Mines Reporting Production** :

	No. of Mines		Production (Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	2	2	3846	3053
<b>Public Sector</b>	1	1	1261	136
<b>Private Sector</b>	1	1	2585	2917
<b>Non-captive</b>	2	2	3846	3053
<b>'A' Category</b>	1	1	1261	136
<b>'B' Category</b>	1	1	2585	2917
<b>STATES</b>				
Andhra Pradesh	1	1	2585	2917
West Bengal	1	1	1261	136
<b>GRADE</b>				
15-20% P <sub>2</sub> O <sub>5</sub>	2	2	3846	3053

D) **Production Trend** :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Tonnes)</b>	6691	6415	5992	3846	3053
<b>Value (Rs.'000)</b>	22115	13025	12911	8345	6401

E) <b>Closing Stock</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (Th. Tonnes)	13	11	9	8	8

F) **Employment** :

<b>No. of Persons Employed per Day</b>	195	171
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	0.15	0.13

<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Th. Tonnes) (Apatite & Rock Phosphate)	3862	3527	3352	3146	3676

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>Quantity</b> (Tonnes)	-	-	-	-	-
<b>Value</b> (Rs. Crore)	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
<b>Imports</b>					
<b>Quantity</b> (Tonnes)	-	-	-	-	-
<b>Value</b> (Rs. Crore)	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**I) Exports/Imports by Country in 2011-12 :**

<b>Exports</b>	-
<b>Quantity</b> (Tonnes)	-
<b>Value</b> (Rs. Crore)	-
<b>Imports</b>	-
<b>Quantity</b> (Tonnes)	-
<b>Value</b> (Rs. Crore)	-

**J) Apatite Mines in 2011-12 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Andhra Phosphate	Vill. N.R. Puram Distt. Visakhapatnam Andhra Pradesh	Andhra Phosphate (P) Ltd., 45-58-17/5, Narasimha Nagar, Visakhapatnam – 530 024, Andhra Pradesh.
Beldih *	Vill. Beldih Distt. Purulia West Bengal	West Bengal Mineral Dev. & Trading Corpn. Ltd., 13, Nellie Sengupta Sarani, 2 <sup>nd</sup> Floor, Kolkata – 700 087.

**K) Contribution of above Mines in 2011-12 :**

<b>Quantity</b> (Tonnes)	3053
<b>Percentage Share to All-India Production</b>	100



# ASBESTOS

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (All Grades) (Th. Tonnes)	2511	19656	22167
<b>Life Index (Years)</b>			Very Large

B) <b>Mining Leases as on 31-3-2011</b> (Area in Hectares)	<b>No. of Leases</b>	<b>Lease Area</b>
	34	1632.75

C) **Mines Reporting Production** :

	No. of Mines		Production (Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	5	5	268	280
<b>Private Sector</b>	5	5	268	280
<b>Non-captive</b>	5	5	268	280
<b>'A' Category</b>	1	1	109	141
<b>'B' Category</b>	4	4	159	139
<b>STATES</b>				
Andhra Pradesh	3	3	268	280
Rajasthan*	2	2	-	-
<b>GRADES</b>				
Ambhibole			-	-
Chrysotile			268	280

D) **Production Trend** :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Tonnes)</b>	269	315	243	268	280
<b>Value (Rs.'000)</b>	10598	14521	12268	13341	12827

E) <b>Closing Stock</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (Tonnes)	358	19	9	8	19

F) <b>Employment</b>					
<b>No. of Persons Employed per Day</b>				57	39
<b>Percentage Share of Employment to Total for MCDR Minerals</b>				0.04	0.03

\*Rajasthan state producing feldspar & quartz as an associated mineral.

<b>G) Domestic Consumption Trend</b>	:	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Th. Tonnes)		104	109	104	104	103

**H) Exports/Imports Trend:**

Exports	2007-08	2008-09	2009-10	2010-11	2011-12
<b>Quantity</b> (Tonnes)	3942	918	559	231	1296
<b>Value</b> (Rs. Crore)	0.9	0.75	0.16	0.12	0.29
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
Imports					
<b>Quantity</b> (Tonnes)	311705	346658	331415	365795	378122
<b>Value</b> (Rs. Crore)	589.94	874.49	938.8	1002.53	1199.17
<b>Percentage Share to the Value of Imports of All Minerals</b>	0.2	0.2	0.2	0.1	0.1

**I) Exports/Imports by Country in 2011-12:**

Exports	Italy	Nepal	Nigeria	Kenya	Ghana	Others
<b>Quantity</b> (Tonnes)	1040	124	38	28	15	51
<b>Value</b> (Rs. Crore)	0.19	0.05	0.01	0.01	0.01	0.02
Imports	Russia	Kazakhstan	Brazil	Canada	China P Rep	Others
<b>Quantity</b> (Tonnes)	193207	66493	47484	25323	17577	28038
<b>Value</b> (Rs. Crore)	595.16	208.11	169.23	80.55	56.01	90.11

**J) Principal Asbestos Mines in 2011-12:**

Name of Mine	Location of Mine	Address of Mine Owner
<b>Amphibole</b>	NIL	NIL
<b>Chrysotile</b>		
Brahmanapalli	Vill. Brahmanapalli Distt. Cuddapah Andhra Pradesh	Padma Minerals Pvt. Ltd., 1/5 A, Ambakapalli Road, Pulivendla, Distt.Cuddapah, Andhra Pradesh – 516 390.
Sri Sai Baba	Vill. Ippatla Distt. Cuddapah Andhra Pradesh	Baba Mineral Corpn. 1/125, Krishnappa Nagar, Near Rly. Station, Distt.Cuddapah, Andhra Pradesh
Saraswati (95.13 A)	Vill. Brahmanapalli Distt. Cuddapah Andhra Pradesh	Padma Minerals Pvt. Ltd., 1/5 A, Ambakapalli Road, Pulivendla, Distt.Cuddapah, Andhra Pradesh – 516 390.

**K) Contribution of above Mines in 2011-12:**

<b>Quantity</b> (Tonnes)	280
<b>Percentage Share to All-India Production</b>	100

## BALL CLAY

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. Tonnes)	16778	66616	83394

**Life Index (Years)** : 29

B) <b>Mining Leases as on 31-3-2011</b> (Area in Hectares)	No. of Leases	Lease Area
	54	28281.41

C) **Mines Reporting Production** :

	No. of Mines		Production (Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	<b>40 (3)</b>	<b>53 (11)</b>	<b>1086714</b>	<b>1594634</b>
<b>Public Sector</b>	2 (1)	2	130798	100821
<b>Private Sector</b>	38 (2)	51 (11)	955916	1493813
<b>Non-captive</b>	40 (3)	53 (11)	1086714	1594634
<b>'B' Category</b>	40 (3)	53 (11)	1086714	1594634
<b>STATES</b>				
Andhra Pradesh	12	13 (01)	259380	252892
Gujarat	2 (1)	3	31140	15523
Rajasthan	25(2)	36 (10)	776193	1321734
Tamil Nadu	1	1	20001	4485

D) **Production Trend** :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Th. Tonnes)</b>	796	998	933	1087	1595
<b>Value (Rs.'000)</b>	140368	200778	218174	390238	635665

E) <b>Closing Stock</b>	:	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (Th. Tonnes)		256	299	365	487	691

F) **Employment** :

<b>No. of Persons Employed per Day</b>		422	559
<b>Percentage Share of Employment to Total for MCDR Minerals</b>		0.32	0.41

Figures in parentheses indicate associated mines.

<b>G) Domestic Consumption Trend</b>	:	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Th. Tonnes)		462	524	547	561	596

**H) Exports/Imports Trend :**

Exports	2007-08	2008-09	2009-10	2010-11	2011-12
<b>Quantity</b> (Tonnes)	12456	23228	32132	19611	18037
<b>Value</b> (Rs. Crore)	4.05	7.78	10.46	6.33	6.24
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
Imports					
<b>Quantity</b> (Tonnes)	166340	122026	123073	126695	191310
<b>Value</b> (Rs. Crore)	74.03	75.56	66.77	63.77	102.36
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2011-12 :**

Exports	Bangladesh	Nepal	UAE	Oman	Kenya	Others
<b>Quantity</b> (Tonnes)	16045	1197	400	185	141	69
<b>Value</b> (Rs. Crore)	5.45	0.35	0.28	0.08	0.05	0.03
Imports	Ukraine	U K	Indonesia	Malaysia	China P Rp	Others
<b>Quantity</b> (Tonnes)	114269	17774	37397	12612	5142	4116
<b>Value</b> (Rs. Crore)	61.89	18.27	9.41	3.75	3.53	5.51

**J) Five Principal Ball Clay Mines in 2011-12 :**

Name of Mine	Location of Mine	Address of Mine Owner
Chandi (75.3 H)	Vill. Chandi Distt. Bikaner Rajasthan	Harish Clays, P.B. No. 57, Harasar House, Near M. N. Hospital, Bikaner- 334 001, Rajasthan.
Trs-Mudh Kotri Mine (13/75) (25 H)	Vill. Mudh Distt. Bikaner Rajasthan	Tahala Ram and Sons, Ramnath Sadan, Rathkhana Colony, Bikaner- 334 001, Rajasthan.
Shri Venkateshwara No. 15/4	Vill. Dwarka Tirumala Distt. Godawari West Andhra Pradesh.	APM DC Ltd., House No. 6-2-915, 3 <sup>rd</sup> Floor, Rear block, Post- HMWSSB, Khairatabad, Hyderabad- 500 004 (A.P.)
Guda RATHERA ML-7/76	Vill. Guda Distt. Bikaner Rajasthan	Shanta Sales Corpn. 2-Khg-23, Jawahar Nagar, Jaipur, Rajasthan.
Indo-Ka-Bala	Vill-Indo-Ka-Bala Distt. Bikaner Rajasthan	Jai Chand Lal Daga, Bagree Mohalla, Bikaner- 340 001, Rajasthan.

**K) Contribution of above Mines in 2011-12:**

<b>Quantity</b> (Th. Tonnes)	506
<b>Percentage Share to All-India Production</b>	32

## BARYTES

Items	Reserves	Remaining Resources	Total
<b>A) Total Resources 1-4-2010</b> (All Grades) (Th. Tonnes)	31584	41150	72734
<b>Life Index (Years)</b>	:		18
<b>B) Mining Leases as on 31-3-2011</b> (Area in Hectares)	<b>No. of Leases</b>		<b>Lease Area</b>
	164		2587.75
<b>C) Mines Reporting Production</b>	:		

	No. of Mines		Production (Th. Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	<b>8</b>	<b>7</b>	<b>2339</b>	<b>1723</b>
<b>Public Sector</b>	1	1	2290	1703
<b>Private Sector</b>	7	6	49	20
<b>Non-captive</b>	8	7	2339	1723
<b>'A' Category</b>	1	1	2290	1703
<b>'B' Category</b>	7	6	49	20
<b>STATES</b>				
Andhra Pradesh	7	6	2333	1715
Rajasthan	1	1	6	8
<b>GRADES</b>				
Snow-white & White			4	4
Off Colour			2335	1719

**D) Production Trend** :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Th. Tonnes)</b>	1076	1686	2153	2339	1723
<b>Value (Rs.'000)</b>	570064	966445	2601842	2698279	1651573

**E) Closing Stock** :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
Quantity (Th. Tonnes)	2564	3146	4007	5181	5121

**F) Employment** :

<b>No. of Persons Employed per Day</b>	617	484
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	0.46	0.36

G) Domestic Consumption Trend : 2006-07 2007-08 2008-09 2009-10 2010-11  
Quantity (Th. Tonnes) 128 126 141 201 192

H) Exports/Imports Trend :

Exports	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Th. Tonnes)	564	844	999	866	1037
Value (Rs. Crore)	132.75	298.25	334.99	314.64	540.65
Percentage Share to the Value of Exports of All Minerals	0.1	0.3	0.3	0.2	0.3
Imports					
Quantity (Tonnes)	1369	1674	3778	2843	3720
Value (Rs. Crore)	1.26	2.07	3.73	3.75	65.60
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2011-12:

Exports	U S A	Kuwait	Saudi Arab	Venezuela	Colombia	Others
Quantity (Th. Tonnes)	313	198	130	69	38	289
Value (Rs. Crore)	153.40	79.28	70.24	50.21	18.94	168.58
Imports	U S A	China P Rep	U K	Germany	Thailand	Others
Quantity (Tonnes)	635	2204	692	45	109	35
Value (Rs. Crore)	60.94	2.74	1.15	0.49	0.20	0.08

J) Five Principal Barytes Mines in 2011-12 :

Name of Mine	Location of Mine	Address of Mine Owner
Mangampet	Vill. Mangampet Distt. Kadapa Andhra Pradesh	M/s Andhra Pradesh Mineral Dev. Corpn. Ltd, HMWSSB, Rear Block, 3 <sup>rd</sup> Floor, Khairatabad, Hyderabad-500004, Andhra Pradesh.
Relpatiya	Vill. Jagat Distt. Udaipur Rajasthan	Rajasthan Barytes Ltd., 34, Fatehpura, Sukhadia Circle, Udaipur-313 001, Rajasthan.
Viswabharati (302 A)	Vill. Siripuram Distt. Khammam Andhra Pradesh	Viswabharati Mining Corpn. Ltd., 1/397-1 Court Rd. Kadapa, Distt. Kadapa – 516 001, Andhra Pradesh.
Salaruddin (1.59HA)	Vill. Mangampet Distt. Cuddapah Andhra Pradesh	Salaruddin Grey Barytes, Sri G. Shreenivasulu, Lakshmi Street, Near Head Post Office, Kodur Rly, Distt. Kadapa, Andhra Pradesh.
Sri Sai Durga Mine	Vill. Vemula Distt. Kadapa Andhra Pradesh	V. Nagraju Vill. & Mandala: Vemula, Post: Vemula Distt. Kadapa, Andhra Pradesh.

K) Contribution of above Mines in 2011-12

Quantity (Tonnes) 1721  
Percentage Share to All-India Production 99.9

## BAUXITE

Items	Reserves	Remaining Resources	Total
<b>A) Total Resources 1-4-2010</b>	592938	2886682	3479620
(Th. Tonnes)			
<b>Life Index (Years)</b>	:		178
<b>B) Mining Leases as on 31-3-2011</b>	:	<b>No. of Leases</b>	<b>Lease Area</b>
(Area in Hectares)		343	30032.74

	No. of Mines		Production (Th. Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	<b>193(4)</b>	<b>155(6)</b>	<b>12723</b>	<b>12877</b>
Public Sector	19	18	5727	5670
Private Sector	174(4)	137(6)	6996	7207
Captive	80	58	9144	9986
Non-captive	113(4)	97(6)	3579	2891
'A' Category	21	19	8249	8512
'B' Category	172(4)	136(6)	4474	4365
<b>STATES</b>				
Chhattisgarh	13	12	2110	2365
Goa	1	1	101	85
Gujarat	100	77	938	843
Jharkhand	36	28	1856	1831
Karnataka	2	1	65	83
Madhya Pradesh	19 (4)	18 (5)	616	617
Maharashtra	15	13	2134	1938
Odisha	4	3(1)	4857	5046
Tamil Nadu	3	2	46	69
<b>For use in alumina and aluminium metal extraction *</b>				
Above 60% Al <sub>2</sub> O <sub>3</sub>			-	-
55 – 60% Al <sub>2</sub> O <sub>3</sub>			96	27
50 – 55% Al <sub>2</sub> O <sub>3</sub>			262	302
45 – 50% Al <sub>2</sub> O <sub>3</sub>			1987	3343
40 – 45% Al <sub>2</sub> O <sub>3</sub>			9284	7164
Below 40% Al <sub>2</sub> O <sub>3</sub>			118	1196
<b>For use other than alumina and aluminium metal extraction *</b>				
Cement			507	383
Abrasive			52	130
Refractory			39	144
Chemical			63	2
Others			315	186

<b>D) Production Trend</b>	:					
	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>	
<b>Quantity (Th. Tonnes)</b>	22625	15460	14124	12723	12877	
<b>Value (Rs. '000)</b>	5683866	4703221	4887897	5122151	5520032	
<b>E) Closing Stock</b>	:	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (Th. Tonnes)		5468	8559	8411	9404	7988
<b>F) Employment</b>	:					
<b>No. of Persons Employed per Day</b>				7851	7028	
<b>Percentage Share of Employment to Total for MCDR Minerals</b>				5.88	5.20	

Figures in parentheses indicate associated mines associated with iron ore, fireclay, laterite & ochre.

\* Substituted by G.S.R. 330(E), dated 10.4.2003

<b>G) Domestic Consumption Trend</b>	:	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Th. Tonnes)		10316	10600	12349	12226	11768

**H) Exports/Imports Trend :**

<b>Exports</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>Quantity</b> (Th. Tonnes)	7121	1708	476	116	401
<b>Value</b> (Rs. Crore)	1179.24	370.82	73.21	29.52	92.23
<b>Percentage Share to the Value of Exports of All Minerals</b>	1.2	0.3	0.1	++	0.1
<b>Imports</b>					
<b>Quantity</b> (Th. Tonnes)	123	46	54	64	79
<b>Value</b> (Rs. Crore)	87.34	98.82	114.14	120.10	160.33
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2011-12:**

<b>Exports</b>	<b>China P Rp</b>	<b>Kuwait</b>	<b>Slovenia</b>	<b>Oman</b>	<b>Saudi Arab</b>	<b>Others</b>
<b>Quantity</b> (Tonnes)	285140	43879	9472	32340	5255	24941
<b>Value</b> (Rs. Crore)	48.09	12.23	9.53	5.55	4.85	11.98
<b>Imports</b>	<b>China P Rp</b>	<b>U S A</b>	<b>Netherland</b>	<b>Guyana</b>	<b>Pakistan</b>	<b>Others</b>
<b>Quantity</b> (Tonnes)	77207	395	205	264	700	209
<b>Value</b> (Rs. Crore)	156.88	0.89	0.75	0.57	0.51	0.73

**J) Five Principal Bauxite Mines in 2011-12:**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Panchpatmali	Vill. Panchpatmali Distt. Koraput Odisha	National Aluminium Co. Ltd. Nalco Bhawan, Bhubaneswar, Khurda – 751 013, Odisha.
Bodai Daldali	Vill.Semsata Distt. Kabirdam Chattisgarh	Bharat Aluminium Co. Ltd. Korba, Chattisgarh.
Mainpat	Vill.Mainpat Distt. Sarguja Chattisgarh	Bharat Aluminium Co. Ltd. Korba, Chattisgarh.
Samri Bauxite Mine	Vill. Samri Distt. Sarguja Chattisgarh	Hindalco Industries Ltd. Century Bhavan, 3 <sup>rd</sup> Floor, Dr. Annie Basant Road, Worli, Mumbai – 400 025, Maharashtra.
Durgamanwadi	Vill. Durgamanwadi Distt. Kolhapur Maharashtra	Hindalco Industries Ltd. Century Bhavan, 3 <sup>rd</sup> Floor, Dr. Annie Basant Road, Worli, Mumbai – 400 025, Maharashtra.

**K) Contribution of above Mines in 2011-12:**

<b>Quantity</b> (Th. Tonnes)	7404
<b>Percentage Share to All-India Production</b>	57



## CALCAREOUS SAND

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 :	N.A.	N.A	N.A

Life Index (Years) :			N.E.
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B) Mining Leases as on 31-3-2011 (Area in Hectares)	No. of Leases	Lease Area
	14	151.54

C) Mines Reporting Production :

	No. of Mines		Production (Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	----- No Production reported -----			
Private Sector	- do -			
Captive	- do -			
'B' Category	- do -			
<b>STATE</b>				
Gujarat	- do -			

D) Production Trend :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Tonnes)</b>	-	-	-	-	-
<b>Value (Rs.'000)</b>	-	-	-	-	-

E) Closing Stock :	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
Quantity (Tonnes)	-	-	-	-	-

F) Employment :			
No. of Persons Employed per Day			- -
Percentage Share of Employment to Total for MCDR Minerals			- -

G) Domestic Consumption Trend : 2006-07 2007-08 2008-09 2009-10 2010-11  
Quantity (Tonnes) N.A. N.A. N.A. N.A. N.A.

H) Exports/Imports Trend :

Exports	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Exports of All Minerals	-	-	-	-	-
<b>Imports</b>					
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Imports of All Minerals	-	-	-	-	-

I) Exports/Imports by Country in 2011-12:

<b>Exports</b>	
Quantity (Tonnes)	-
Value (Rs. Crore)	-
<b>Imports</b>	
Quantity (Tonnes)	-
Value (Rs. Crore)	-

J) Calcareous Sand Mines in 2011-12: Nil

K) Contribution of above Mines in 2011-12:

Quantity (Tonnes) -  
Percentage Share to All-India Production -

## CALCITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. Tonnes)	2664	18281	20945

**Life Index (Years)** : 375

B) <b>Mining Leases as on 31-3-2011</b> (Area in Hectares)	No. of Leases	Lease Area
	80	1620.02

C) **Mines Reporting Production** :

	No. of Mines		Production (Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	4(2)	3 (1)	38826	51499
<b>Private Sector</b>	4(2)	3 (1)	38826	51499
<b>Non-captive</b>	4(2)	3 (1)	38826	51499
<b>'A' Category</b>	(1)	(1)	11550	16537
<b>'B' Category</b>	4(1)	3	27276	34962
<b>STATES</b>				
Rajasthan	4(2)	3 (1)	38826	51499

D) **Production Trend** :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity(Th.Tonnes)</b>	86364	67284	49309	38826	51499
<b>Value (Rs.'000)</b>	34844	22729	16980	14104	18342

E) **Closing Stock** : **2007-08 2008-09 2009-10 2010-11 2011-12<sup>(P)</sup>**  
Quantity (Th.Tonnes) 4 6 7 6 11

F) **Employment** :

<b>No. of Persons Employed per Day</b>	49	31
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	0.04	0.02

Figures in parentheses indicate additional mine associated with wollastonite.

<b>G) Domestic Consumption Trend</b>	:	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Th. Tonnes)		37	43	59	64	67

**H) Exports/Imports Trend:**

Exports	2007-08	2008-09	2009-10	2010-11	2011-12
<b>Quantity (Tonnes)</b>	3222	1073	674	1373	3240
<b>Value (Rs. Crore)</b>	0.98	0.42	0.36	0.61	1.49
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
Imports					
<b>Quantity (Tonnes)</b>	101471	66205	111887	143164	260231
<b>Value (Rs. Crore)</b>	34.97	18.82	36.89	43.08	121.56
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2011-12 :**

Exports	Nepal	Chad	UAE	N. Zealand	Bangladesh	Others
<b>Quantity (Tonnes)</b>	2498	350	147	154	64	27
<b>Value (Rs. Crore)</b>	0.90	0.23	0.16	0.11	0.06	0.03
Imports	Malaysia	Vietnam	China P Rp	Egypt A Rp	Oman	Others
<b>Quantity (Tonnes)</b>	148049	53760	20067	6611	12818	18926
<b>Value (Rs. Crore)</b>	67.26	28.28	8.11	3.48	3.27	11.16

**J) Principal Calcite Mines in 2011-12 :**

Name of Mine	Location of Mine	Address of Mine Owner
Belkapahar*	Vill- Pindwara Dist-Sirohi Rajasthan	Wolkem Industries Ltd. E- 101, Mewar Industries Area, Madri, Udaipur – 313 003, Rajasthan.
Rabachh	Vill- Rabachh Dist- Udaipur Rajasthan	Wolkem India Ltd., Wolkem House, E- 101, Mewar Industries Area, Madri, Udaipur – 313 003, Rajasthan.
Sachli	Vill- Sachli Dist-Udaipur Rajasthan	Kalpana Minerls & Chemicals, Ashok Vatika, N.H-8,Sukher, Udaipur – 313 004, Rajasthan.
Perwa	Vill- Perwa Dist-Sirohi Rajasthan	Perwa Minerals A-153, Mandarpan, Nehru Nagar, Distt: Jaipur – 302 016, Rajasthan.

**K) Contribution of above Mines in 2011-12 :**

<b>Quantity (Tonnes)</b>	51499
<b>Percentage Share to All-India Production</b>	100

\* Associated with Wollastonite.

## CHALK

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. Tonnes)	4332	585	4917

**Life Index (Years)** : 24

B) <b>Mining Leases as on 31-3-2011</b> (Area in Hectares)	No. of Leases	Lease Area
	162	650.75

C) **Mines Reporting Production** :

	No. of Mines		Production (Th. Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	<b>129</b>	<b>127</b>	<b>177</b>	<b>176</b>
<b>Private Sector</b>	129	127	177	176
<b>Non-captive</b>	129	127	177	176
<b>'B' Category</b>	129	127	177	176
<b>STATE</b>				
Gujarat	129	127	177	176

D) **Production Trend** :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Th. Tonnes)</b>	195	203	185	177	176
<b>Value (Rs. '000)</b>	64323	77251	71087	65799	66612

E) <b>Closing Stock</b>	:	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2010-12<sup>(P)</sup></b>
Quantity (Th. Tonnes)		67	77	75	80	79

F) <b>Employment</b>	:					
<b>No. of Persons Employed per Day</b>				1264	1395	
<b>Percentage Share of Employment to Total for MCDR Minerals</b>				0.95	1.03	

<b>G) Domestic Consumption Trend</b>	:	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Tonnes)		N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>Quantity (Tonnes)</b>	614	1178	1655	688	759
<b>Value (Rs. Crore)</b>	0.33	0.36	0.95	0.25	0.34
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
<b>Imports</b>					
<b>Quantity (Tonnes)</b>	141	128	1659	3185	1884
<b>Value (Rs. Crore)</b>	0.27	0.27	1.15	1.71	1.59
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2011-12:**

<b>Exports</b>	<b>Nepal</b>	<b>Ethiopia</b>	<b>Malaysia</b>	<b>Egypt A Rp</b>	<b>Kenya</b>	<b>Others</b>
<b>Quantity (Tonnes)</b>	626	24	22	9	6	72
<b>Value (Rs. Crore)</b>	0.28	0.01	0.01	0.01	0.01	0.02
<b>Imports</b>	<b>Malaysia</b>	<b>France</b>	<b>China P Rp</b>	<b>Korea Rp</b>	<b>Germany</b>	<b>Others</b>
<b>Quantity (Tonnes)</b>	1200	146	300	68	114	56
<b>Value (Rs. Crore)</b>	0.69	0.26	0.25	0.24	0.06	0.09

**J) Five Principal Chalk Mines in 2011-12:**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Adityana (Dal)	Vill. Adityana Distt. Porbandar Gujarat	Porbandar Industrial Products, Harish Mansion, Post Box: 27 Porbandar – 360 575, Gujarat.
Adityana (Dobelia)	Vill. Adityana Distt. Porbandar Gujarat	Porbandar Industrial Products, Harish Mansion, Post Box:-27, Porbandar – 360 575, Gujarat.
Adityana (Survey No. 190/42))	Vill. Adityana Distt. Porbandar Gujarat	P. Dattani & Co. M. G. Road Porbandar – 360 575, Gujarat.
Ranavadvala (Survey No. 585 & 586)	Vill. Ranavadvala Distt. Porbandar Gujarat	Krishna Minerals Adityana- 360545 Porbandar – 360 545, Gujarat
Vadvala	Vill. Ranavadvala Distt. Porbandar Gujarat	Prashant Minerals c/o Sanjaykumar G. Khanpara Adityana, Porbandar – 360 545, Gujarat.

**K) Contribution of above Mines in 2011-12:**

<b>Quantity (Th. Tonnes)</b>	27
<b>Percentage Share to All-India Production</b>	15

# CHROMITE

<b>Items</b>		<b>Reserves</b>	<b>Remaining Resources</b>	<b>Total</b>
<b>A) Total Resources 1-4-2010</b> (All Grades) (Th. Tonnes)	:	53970	149376	203346
<b>Life Index (Years)</b>	:			30
<b>B) Mining Leases as on 31-3-2011</b> (Area in Hectares)	:	<b>No. of Leases</b> 35		<b>Lease Area</b> 9432.57

**C) Mines Reporting Production :**

	No. of Mines		Production (Th. Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	<b>21</b>	<b>20</b>	<b>4326</b>	<b>3764</b>
<b>Public Sector</b>	8	7	1280	611
<b>Private Sector</b>	13	13	3046	3153
<b>Captive</b>	12	12	2963	2992
<b>Non-captive</b>	9	8	1363	772
<b>'A' Category</b>	18	17	4124	3564
<b>'B' Category</b>	3	3	202	200
<b>STATES</b>				
Karnataka	3	2	9	10
Odisha	18	18	4317	3754
<b>GRADES</b>				
Above 52% Cr <sub>2</sub> O <sub>3</sub>	Lumps		-	-
	Fines		749	566
40 - 52% Cr <sub>2</sub> O <sub>3</sub>	Lumps		137	136
	Fines		1029	735
Below 40% Cr <sub>2</sub> O <sub>3</sub>	Lumps		134	209
	Fines		1493	1359
Concentrates			784	759

**D) Production Trend :**

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Th. Tonnes)</b>	4873	4073	3426	4326	3764
<b>Value (Rs. '000)</b>	21421691	22633627	10453620	25964208	26523121

<b>E) Closing Stock</b>		<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (Th. Tonnes)		1891	2238	1323	2257	1270

**F) Employment :**

<b>No. of Persons Employed per Day</b>					
		6862	5851		
<b>Percentage Share of Employment to Total for MCDR Minerals</b>		5.14	4.33		

G) Domestic Consumption Trend : 2006-07 2007-08 2008-09 2009-10 2010-11  
Quantity (Th. Tonnes) 1785 2499 2162 2160 2708

H) Exports/Imports Trend :

Exports	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Th. Tonnes)	906	1899	689	173	225
Value (Rs. Crore)	1223.1	973.61	801.25	286.06	488.82
Percentage Share to the Value of Exports of All Minerals	1.3	0.9	0.6	0.2	0.3
Imports					
Quantity (Th. Tonnes)	121	94	96	86	136
Value (Rs. Crore)	106.41	107.02	86.1	90.48	201.96
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2011-12 :

Exports	China P Rp	Japan	Unspecified	Spain	Yemen Rep	Others
Quantity (Tonnes)	217536	5500	1700	340	8	++
Value (Rs. Crore)	475.50	8.84	3.39	1.02	0.06	0.01
Imports	South Africa	Turkey	Oman	China P Rp	U S A	Others
Quantity (Tonnes)	50523	41339	39082	2958	436	1866
Value (Rs. Crore)	87.71	66.59	38.77	3.76	1.07	4.06

J) Five Principal Chromite Mines in 2011-12 :

Name of Mine	Location of Mine	Address of Mine Owner
Sukinda (Bhimatnagar)	Vill. Bhimatnagar Distt. Jajpur Odisha	Tata Steel Ltd., 24, Homi Modi Street, Fort Mumbai – 400 001.
South Kaliapani	Vill. Kaliapani Distt. Jajpur Odisha	Odisha Mining Corpn. Ltd., Post Box No-34 OMC House Bhubneshwar – 751 001.
Sukinda	Vill. Kaliapani Distt. Jajpur Odisha	Indian Metals & Ferro Alloys Ltd., At: Bomikhal, P.O. Rasulgarh, Distt. Bhubaneswar – 751010, Odisha.
Ostapal	Vill. Gurujangai Distt. Jajpur Odisha	M/S Ferro Alloys Corporation Ltd., D.P. Nagar, P.O: Randia – 756 135. Distt. Bhadrak, Odisha.
Kaliapani	Vill. Kaliapani Distt. Jajpur Odisha	Balasar Alloys Ltd., Balgopalpur, Balasar – 756 020, Odisha.

K) Contribution of above Chromite Mines in 2011-12:

Quantity (Th. Tonnes) 3109  
Percentage Share to All-India Production 83



## CLAY (Others)

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b>	: N.A.	N.A.	N.A.
<b>Life Index (Years)</b>	:		N.E.
B) <b>Mining Leases as on 31-3-2011</b>	:	<b>No. of Leases</b>	<b>Lease Area</b>
(Area in Hectares)		106	1280.61
C) <b>Mines Reporting Production</b>	:		

	No. of Mines		Production (Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	<b>13 (10)</b>	<b>18 (13)</b>	<b>730752</b>	<b>744561</b>
<b>Private Sector</b>	13(10)	18(13)	730752	744561
<b>Captive</b>	2 (4)	3(3)	669143	661038
<b>Non-Captive</b>	11(6)	15(10)	61609	83523
<b>'A' Category</b>	1 (4)	1 (3)	623870	602254
<b>'B' Category</b>	12(6)	17(10)	106882	142307
<b>STATES</b>				
Andhra Pradesh	6(7)	10(8)	84875	84127
Gujarat	3	3	203291	238731
Madhya Pradesh	(3)	(5)	434722	421653
Rajasthan	4	5	7864	50

**D) Production Trend :**

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Tonnes)</b>	818993	1220783	1056273	730752	744561
<b>Value (Rs. '000)</b>	73904	80499	71294	70342	51117

E) <b>Closing Stock</b>	:	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (Tonnes)		51440	50932	162181	52312	178851

F) <b>Employment</b>	:					
<b>No. of Persons Employed per Day</b>				93	140	
<b>Percentage Share of Employment to Total for MCDR Minerals</b>				0.07	0.10	

Figures in parentheses indicate associated mines.

G) Domestic Consumption Trend : 2006-07 2007-08 2008-09 2009-10 2010-11  
Quantity (Tonnes) N.A. N.A. N.A. N.A. N.A.

H) Exports/Imports Trend :

Exports	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)	23101	337244	93381	52526	16811
Value (Rs. Crore)	8.04	39.23	27.32	24.16	12.63
Percentage Share to the Value of Exports of All Minerals	++	++	++	++	++
Imports					
Quantity (Tonnes)	22775	57061	3200	11610	13013
Value (Rs. Crore)	12.06	39.29	5.99	10.38	14.44
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2011-12 :

Exports	Bangladesh	Kenya	Nepal	Pakistan	Saudi Arab	Others
Quantity (Tonnes)	5111	1630	1898	807	1272	6093
Value (Rs. Crore)	1.83	1.47	1.34	1.24	1.08	5.67
Imports	U S A	Ukraine	China P Rp	U K	Germany	Others
Quantity (Tonnes)	2169	8000	1336	609	273	626
Value (Rs. Crore)	5.97	3.98	1.16	0.84	0.69	1.80

J) Five Principal Clay (Others) Mines in 2011-12 :

Name of Mine	Location of Mine	Address of Mine Owner
Mehgaon*	Vill. Mehgaon Distt. Katni, Madhya Pradesh	The ACC Ltd., 'Cement House', 121, Maharshi Karve Road, Mumbai – 400 020, Maharashtra.
Hothiyay-Pozzolona	Vill. Hothiyay Distt. Kutchh Gujarat	Sanghi Industries Ltd., P.O. Bermoti, Tq. Abdasa, Distt- Kutchh – 370 625, Gujarat
Kymore*	Vill-Kymore Distt. Katni, Madhya Pradesh	The ACC Ltd., 'Cement House', 121, Maharshi Karve Road, Mumbai – 400 020, Maharashtra
Balanivav	Vill. Balanivav Distt. Amreli, Gujarat	Narmada Cement Co. Ltd., P.B. No. 10, Taluk – Jafarabad, Distt. Amreli – 365 540, Gujarat
Mojap	Vill. Mojap Distt. Jamnagar Gujrat	Rajesh Sarduylbha Ker, Ashapura Society, Near SBI, Surajkaradi, Distt. Jamnagar, Tq. Okhamandal, Gujarat.

K) Contribution of above Mines in 2011-12 :

Quantity (Tonnes) 654964  
Percentage Share to All-India Production 88

\* Associated with limestone.

## COPPER ORE & CONCENTRATES

Items	Reserves	Remaining Resources	Total
<b>A) Total Resources 1-4-2010</b> :			
(Th. Tonnes) a) Ore	394372	1164086	1558458
b) Metal	4768	7518	12286
<b>Life Index (Years) (Ore)</b> :			229
<b>B) Mining Leases as on 31-3-2011</b> :	<b>No. of Leases</b>		<b>Lease Area</b>
Ore (Area in Hectares)	17		10007.01
<b>C) Mines Reporting Production</b> :			

	No. of Mines		Production(Th.tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>India</b>	4	4		
Ore			3602	3478
Concentrates			137	130
<b>Public Sector</b>	4	4		
Ore			3602	3478
Concentrates			137	130
<b>Captive</b>	4	4		
Ore			3602	3478
Concentrates			137	130
<b>'A' Category</b>	4	4		
Ore			3602	3478
Concentrates			137	130

STATES	No. of Mines		Production (Th. Tonnes)			
	2010-11	2011-12	2010-11		2011-12 <sup>(P)</sup>	
			Qty.	Cu%	Qty.	Cu%
<b>Jharkhand</b>	1	1				
Ore			397	0.88	396	0.95
Concentrates			13	25.79	14	25.25
<b>Madhya Pradesh</b>	1	1				
Ore			2234	1.00	2082	1.02
Concentrates			79	25.89	75	27.36
<b>Rajasthan</b>	2	2				
Ore			972	0.96	1000	0.88
Concentrates			45	17.84	41	18.00

**D) Production Trend :**

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Th. Tonnes)</b>					
Ore	3242	3452	3271	3602	3478
Concentrates	150	138	125	137	130
<b>Value (Rs.'000)</b>					
Concentrates	3471268	4091113	3809462	4733515	6167138

<b>E) Closing Stock</b> :	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (Th. Tonnes) Ore	81	38	38	55	75
Concentrates	3	6	26	29	13

**F) Employment :**

<b>No. of Persons Employed per Day</b>	2712	3546
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	2.03	2.62

G) Domestic Consumption Trend : 2006-07 2007-08 2008-09 2009-10 2010-11  
Quantity (Tonnes) N.A. N.A. N.A. N.A. N.A.

H) Exports/Imports Trend :

Exports (Ores & Concentrates)	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)	-	-	-	19701	20
Value (Rs. Crore)	-	-	-	139.01	0.01
Percentage Share to the Value of Exports of All Minerals	-	-	-	0.1	++
Imports (Ores & Concentrates)					
Quantity (Tonnes)	1914178	2264732	2187460	1902026	2124501
Value (Rs. Crore)	16177.47	17822.11	18967.58	20023.45	26451.02
Percentage Share to the Value of Imports of All Minerals	4.63	3.46	3.61	3.0	2.8

I) Exports/Imports by Country in 2011-12:

Exports	Liberia					
Quantity (Tonnes)	20					
Value (Rs. Crore)	0.01					
Imports	Chile	Australia	Indonesia	Brazil	Canada	Others
Quantity (Tonnes)	758603	510162	322579	157986	61027	314144
Value (Rs. Crore)	8783.34	6769.40	4477.44	1860.82	795.06	3764.96

J) Copper Conc. Mines in 2011-12:

Name of Mine	Location of Mine	Address of Mine Owner
Malanjkhanda	Vill. Malanjkhanda (Kalamsari) Distt. Balaghat Madhya Pradesh	Hindustan Copper Ltd., Tamra Bhawan, Ashutosh Choudhury Avenue, Kolkata – 700 019.
Khetri	Vill. Banwas Distt. Jhunjhunu Rajasthan	
Kolihan	Vill. Khetri Distt. Jhunjhunu Rajasthan	
Surda	Vill. Surda Distt. Singhbhum (West) Jharkhand	

K) Contribution of above Mines in 2011-12:

Quantity (Th. Tonnes) (Copper Conc.) 130  
Percentage Share to All-India Production 100

## CORUNDUM

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Tonnes)	597	740194	740792

**Life Index (Years)** : N.E.

B) <b>Mining Leases as on 31-3-2011</b> (Area in Hectares)	No. of Leases	Lease Area
	17	240.62

C) **Mines Reporting Production** :

	No. of Mines		Production (kg.)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	-	-	-	-
<b>Public Sector</b>	-	-	-	-
<b>Private Sector</b>	-	-	-	-
<b>Non-captive</b>	-	-	-	-
<b>'A' Category</b>	-	-	-	-
<b>STATES</b>				
Maharashtra	-	-	-	-

D) **Production Trend** :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity(Kg.)</b>	89920	21000	6600	-	-
<b>Value (Rs.'000)</b>	322	63	20	-	-

E) <b>Closing Stock</b>	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
Quantity (Kg.)	39250	33450	10490	3490	490

F) **Employment** :

<b>No. of Persons Employed per Day</b>	*	*
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	-	-

\*Associated with sillimanite

<b>G) Domestic Consumption Trend</b>	:	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Tonnes)		210	210	170	170	240

**H) Exports/Imports Trend :**

Exports (Corundum (Natural))	2007-08	2008-09	2009-10	2010-11	2011-12
<b>Quantity (Tonnes)</b>	332	2312	6807	412	-
<b>Value (Rs. Crore)</b>	0.28	0.98	3.41	0.25	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	-
<b>Imports (Corundum (Natural))</b>					
<b>Quantity (Tonnes)</b>	-	-	++	-	-
<b>Value (Rs. Crore)</b>	-	-	0.01	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	++	-	-

**I) Exports/Imports by Country in 2011-12 :**

<b>Exports (Corundum(Natural))</b>	-
<b>Quantity (Tonnes)</b>	-
<b>Value (Rs. Crore)</b>	-
<b>Imports (Corundum(Natural))</b>	-
<b>Quantity (Tonnes)</b>	-
<b>Value (Rs. Crore)</b>	-

**J) Corundum Mine in 2011-12 :**

Name of Mine	Location of Mine	Address of Mine Owner
No mines reported production		

**K) Contribution of above Mine in 2011-12 :**

<b>Quantity (kg.)</b>	-
<b>Percentage Share to All-India Production</b>	-

# DIAMOND

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. Carats)	1045	30877	31922
<b>Life Index (Years)</b>			191

B) <b>Mining Leases as on 31-3-2011</b> (Area in Hectares)	<b>No. of Leases</b>	<b>Lease Area</b>
	2	275.96

C) **Mines Reporting Production** :

	No. of Mines		Production (Carats)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	2	2	11222	18489
<b>Public Sector</b>	2	2	11222	18489
<b>Non-captive</b>	2	2	11222	18489
<b>'A' Category</b>	1	1	10837	17999
<b>'B' Category</b>	1	1	385	490
<b>STATE</b>				
Madhya Pradesh	2	2	11222	18489

D) **Production Trend** :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Carats)</b>	586	536	16891	11222	18489
<b>Value (Rs.'000)</b>	5701	4537	116279	106776	198242

E) <b>Closing Stock</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (Carats)	2050	-	7122	1953	5321

F) **Employment** :

<b>No. of Persons Employed per Day</b>	163	167
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	0.12	0.12





## DIASPORE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. Tonnes)	2860	3125	5985
<b>Life Index (Years)</b>			183

B) <b>Mining Leases as on 31-3-2011</b> (Area in Hectares)	<b>No. of Leases</b> 12	<b>Lease Area</b> 94.38
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C) **Mines Reporting Production** :

	No. of Mines		Production (Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	<b>(18)</b>	<b>(17)</b>	<b>26082</b>	<b>24124</b>
<b>Public Sector</b>	(1)	-	40	-
<b>Private Sector</b>	(17)	(17)	26042	24124
<b>Captive</b>	(5)	(5)	3770	2356
<b>Non-captive</b>	(13)	(12)	22312	21768
<b>'B' Category</b>	(18)	(17)	26082	24124
<b>STATES</b>				
Madhya Pradesh	(10)	(9)	11165	12399
Uttar Pradesh	(8)	(8)	14917	11725

D) **Production Trend** :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Tonnes)</b>	21236	24642	25569	26082	24124
<b>Value (Rs.'000)</b>	17868	23384	27422	32003	28519

E) <b>Closing Stock</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (Tonnes)	2955	4644	5380	6905	7490

F) **Employment** :

<b>No. of Persons Employed per Day</b>	*	*
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	-	-

Figures in parentheses indicate mines associated with pyrophyllite.

\* Associated with pyrophyllite mines.

G) Domestic Consumption Trend : 2006-07 2007-08 2008-09 2009-10 2010-11  
Quantity (Tonnes) 15000 15300 13100 14000 13300

H) Exports/Imports Trend :

Exports	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Exports of All Minerals	-	-	-	-	-
Imports					
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Imports of All Minerals	-	-	-	-	-

I) Exports/Imports by Country in 2011-12 :

Exports	-
Quantity (Tonnes)	-
Value (Rs. Crore)	-
Imports	-
Quantity (Tonnes)	-
Value (Rs. Crore)	-

J) Five Principal Diaspore Mines\* in 2011-12 :

Name of Mine	Location of Mine	Address of Mine Owner
Sarkana*	Vill-Sarkana Distt.-Chhatarpur Madhya Pradesh	Jindutt Minerals (P) Ltd. P.O: Box No- 27, Tahsil - Chhatarpur, Distt- Chhatarpur, Madhya Pradesh – 471 001.
Puradhankuan*	Vill- Puradhankuan Distt.-Lalitpur Uttar Pradesh	The Ishwar Industries Limited, 'Charan Kamal' 7, Ishwar Nagar, Mathura Road, New Delhi – 110 065
Bijri*	Vill- Bijri Distt.-Lalitpur Uttar Pradesh	J.K. Minerals 195, Laxman Ganj, C1 & C2 Industrial Easte, Gwalior Road,Distt- Jhansi,Uttar Pradesh – 284 003.
Mailar Shivpura*	Vill- Mailar Shivpura Distt.-Lalitpur Uttar Pradesh	J.K. Minerals 195, Laxman Ganj, C1 & C2 Industrial Easte, Gwalior Road,Distt- Jhansi,Uttar Pradesh – 284 003.
Garhi- I(Malhera)*	Vill- Garhi(Malhera) Distt.-Chhatarpur Madhya Pradesh	Eastern Minerals 35, Viverkanand Marg,Cantonment Area, Distt- Jhansi, Uttar Pradesh – 284 001.

K) Contribution of above Mines in 2011-12 :

Quantity (Tonnes) 19836  
Percentage Share to All-India Production 82

\* Associated with pyrophyllite.

## DOLOMITE

Items	Reserves	Remaining Resources	Total
<b>A) Total Resources 1-4-2010</b> (Million tonnes)	738	6992	7730
<b>Life Index (Years)</b>	:		422
<b>B) Mining Leases as on 31-3-2011</b> (Area in Hectares)	:	<b>No. of Leases</b> 542	<b>Lease Area</b> 8124.63
<b>C) Mines Reporting Production</b>	:		

	No. of Mines		Production (Th. Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	<b>136 (47)</b>	<b>165 (50)</b>	<b>5840</b>	<b>5417</b>
<b>Public Sector</b>	6(1)	6 (1)	2623	2165
<b>Private Sector</b>	130 (46)	159 (49)	3217	3252
<b>Captive</b>	5 (4)	5(5)	2211	1978
<b>Non-captive</b>	131 (43)	160 (45)	3629	3439
<b>'A' Category</b>	5 (3)	6 (2)	3009	2609
<b>'B' Category</b>	131 (44)	159 (48)	2831	2808
<b>STATES</b>				
Andhra Pradesh	20 (12)	29 (13)	1216	982
Chhattisgarh	33	38	1593	1628
Gujarat	12 (1)	12	244	169
Jharkhand	1	1	430	191
Karnataka	17 (11)	17 (16)	443	549
Madhya Pradesh	43 (4)	57 (3)	280	361
Odisha	3 (5)	4 (4)	1358	1175
Others	7 (14)	7 (14)	276	362

**D) Production Trend :**

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Th. Tonnes)</b>	5852	5509	5912	5840	5417
<b>Value (Rs. '000)</b>	1461203	1554731	1672224	1870047	1521320

<b>E) Closing Stock</b>	:	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (Th. Tonnes)		1662	1676	1689	1732	2036

<b>F) Employment</b>	:					
<b>No. of Persons Employed per Day</b>				3047	2894	
<b>Percentage Share of Employment to Total for MCDR Minerals</b>				2.28	2.14	

Figures in parentheses indicate additional mines associated with iron ore, clay (others), kaolin, limestone, magnesite and steatite.

<b>G) Domestic Consumption Trend</b>	:	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Th. Tonnes)		5110	5694	5555	5802	5942

**H) Exports/Imports Trend :**

Exports	2007-08	2008-09	2009-10	2010-11	2011-12
<b>Quantity</b> (Tonnes)	14676	18892	18707	26801	40254
<b>Value</b> (Rs. Crore)	4.11	4.83	4.66	6.52	11.18
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
Imports					
<b>Quantity</b> (Tonnes)	7833	10119	450979	611833	1594573
<b>Value</b> (Rs. Crore)	12.07	11.11	99.12	139.52	201.07
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2011-12 :**

Exports	Bangladesh	Nepal	Malaysia	UAE	U S A	Others
<b>Quantity</b> (Tonnes)	11009	23571	2719	482	205	2268
<b>Value</b> (Rs. Crore)	3.88	3.80	1.65	0.34	0.21	1.30
Imports	UAE	Thailand	Italy	Philippines	Taiwan	Others
<b>Quantity</b> (Tonnes)	915998	485740	7576	131840	39440	13979
<b>Value</b> (Rs. Crore)	101.42	58.83	18.51	15.91	4.41	1.99

**J) Five Principal Dolomite Mines in 2011-12 :**

Name of Mine	Location of Mine	Address of Mine Owner
Hirri	Vill. Pendidih, Chhatune & Bodasara Distt. Bilaspur Chhattisgarh	Steel Authority of India Ltd., Ispat Bhawan, P.B.No. 3049, Lodhi Road, New Delhi – 110 003.
Biritapur *	Vill. Biritapur Distt. Sundergarh Odisha.	The Bisra Stone Lime Co. Ltd AG 104, Sourav Abasan, Sector II, Salt Lake City, Kolkata – 700091.
Madharam	Vill. Madharam Distt. Khammam Andhra Pradesh	Rashtriya Ispat Nigam Ltd., Visakhapatnam , Andhrapradesh – 530031.
Gomardih	Vill. Gomardih Distt. Sundargarh Odisha	Tata Steel Ltd., Bombay House, 24 Homi Mody Street, Mumbai – 400001.
Kamalapuram	Vill. Malkapuram Distt. Kurnool Andhra Pradesh	Southwest Mining Ltd. D.No.20/1/2, Rajiv Nagar, Kondapeta, Dhone – 518 227, Distt. Kurnool, (A.P.)

**K) Contribution of above Mines in 2011-12 :**

<b>Quantity</b> (Th. Tonnes)	2545
<b>Percentage Share to All-India Production</b>	47

\* Associated with limestone.

# DUNITE

<b>A) Total Resources 1-4-2010</b> (Th. Tonnes)	:	<b>Reserves</b> 17137	<b>Remaining Resources</b> 168232	<b>Total</b> 185369
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**Life Index (Years)** : Very Large

<b>B) Mining Leases as on 31-3-2011</b> (Area in Hectares)	:	<b>No. of Leases</b> 1	<b>Lease Area</b> 14.28
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**C) Mines Reporting Production :**

	No. of Mines		Production (Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	<b>1(3)</b>	<b>1(3)</b>	<b>23716</b>	<b>39223</b>
<b>Public Sector</b>	1 (2)	1(1)	18106	33173
<b>Private Sector</b>	(1)	(2)	5610	6050
<b>Captive</b>	(2)	(2)	21745	32887
<b>Non-captive</b>	1(1)	1(1)	1971	6336
<b>'A' Category</b>	(3)	(2)	22615	32887
<b>'B' Category</b>	1	1(1)	1101	6336
<b>STATES</b>				
Karnataka	1(1)	1	1971	3846
Tamil Nadu	(2)	(3)	21745	35377

**D) Production Trend :**

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Tonnes)</b>	57989	50935	71642	23716	39223
<b>Value (Rs.'000)</b>	15127	23482	19281	6879	25386

<b>E) Closing Stock</b>	:	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (Tonnes)		10110	5623	7042	9845	11225

**F) Employment :**

<b>No. of Persons Employed per Day</b>		3	7
<b>Percentage Share of Employment to Total for MCDR Minerals</b>		++	0.01

Figures in parentheses indicate mines associated with magnesite.

<b>G) Domestic Consumption Trend</b>	:	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Tonnes)		N.A.	4600	5300	4200	6100

**H) Exports/Imports Trend :**

<b>Exports</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>Quantity (Tonnes)</b>	-	-	-	-	-
<b>Value (Rs. Crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
<b>Imports</b>					
<b>Quantity (Tonnes)</b>	-	-	-	-	-
<b>Value (Rs. Crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**I) Exports/Imports by Country in 2011-12:**

<b>Exports</b>	-
<b>Quantity (Tonnes)</b>	-
<b>Value (Rs. Crore)</b>	-
<b>Imports</b>	-
<b>Quantity (Tonnes)</b>	-
<b>Value (Rs. Crore)</b>	-

**J) Dunite Mines in 2011-12 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Arasu – I* (177.96)	Vill. Thatthiengapatti, Distt. Salem, Tamil Nadu.	Tamil Nadu Magnesite Ltd., 5/53,Umalur Main Road, Jagir Ammapalayam, Distt-Salem (T. N.)
Kenchapura	Vill. Kenchapura, Distt. Chikmagalur, Karnataka.	Steel Authority Of India Ltd., Visvesvaraya Iron & Steel Plant, Bhadravati - 577 301, Distt: Shimoga, Karnataka.
Chettichavadi Jaghir*	Vill. Chettichavadi, Dist.: Salem, Tamil Nadu.	Shri.B.B.Mehta, B-9/6451,Vasantkunj, New Delhi-110070.
Shankar Magnesite*	Vill.Pungandurai, Dist.Tiruppur, Tamil Nadu.	Shri.A.S.Shankarganesan 22-A,Kumar Nagar South 3 <sup>rd</sup> St,Gandhi Nagar, Tiruppur-641603, Tamil Nadu

**K) Contribution of above Mines in 2011-12 :**

<b>Quantity (Tonnes)</b>	39223
<b>Percentage Share to All-India Production</b>	100

\* Associated with magnesite.

# EMERALD

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b>	:	-----Not Estimated-----	
<b>Life Index (Years)</b>	:		N.E.

B) <b>Mining Leases as on 31-3-2011</b>	:	<b>No. of Leases</b>	<b>Lease Area</b>
(Area in Hectares)		N.A.	N.A.

C) **Mines Reporting Production** :

	No. of Mines		Production (kg.)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	<b>No Production reported</b>			
<b>Private Sector</b>	- do -			
<b>Non-Captive</b>	- do -			
<b>'B' Category</b>	- do -			
<b>STATE</b>				
Rajasthan	- do -			

D) **Production Trend** :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (kg.)</b>	-	-	-	-	-
<b>Value (Rs. '000)</b>	-	-	-	-	-

E) <b>Closing Stock</b>	:	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (kg.)		-	-	-	-	-

F) <b>Employment</b>	:					
<b>No. of Persons Employed per Day</b>				-	-	
<b>Percentage Share of Employment to Total for MCDR Minerals</b>				-	-	

G) Domestic Consumption Trend : 2006-07 2007-08 2008-09 2009-10 2010-11  
Quantity (Tonnes) N.A. N.A. N.A. N.A. N.A.

H) Exports/Imports Trend :

Exports (Uncut/Cut)	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity	*	*	*	*	*
Value (Rs. Crore)	361.83	480.05	482.64	363.50	544.75
Percentage Share to the Value of Exports of All Minerals	0.4	0.4	0.4	0.2	0.3
Imports (Uncut/Cut)					
Quantity	*	*	*	*	*
Value (Rs. Crore)	313.34	369.3	390.56	495.71	1062.74
Percentage Share to the Value of Imports of All Minerals	0.1	0.1	0.1	0.1	0.1

I) Exports/Imports by Country in 2011-12 :

Exports	Hong Kong	U S A	U A E	Thailand	Japan	Others
Quantity	*	*	*	*	*	*
Value (Rs. Crore)	178.58	110.99	79.78	43.79	21.12	110.49
Imports	Hong Kong	Thailand	U A E	U S A	Sri Lanka	Others
Quantity	*	*	*	*	*	*
Value (Rs. Crore)	402.3	185.36	138.27	71.76	4.66	260.39

J) Emerald Mine in 2011-12 : -

K) Contribution of above Mine in 2011-12 :

Quantity (kg) -  
Percentage Share to All-India Production -

\* Quantity figures not given due to partial coverage. The corresponding value figures however, have full coverage.



## FELSITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b>	:	N.A.	N.A.

**Life Index (Years)** : N.E.

B) <b>Mining Leases as on 31-3-2011</b>	:	<b>No. of Leases</b>	<b>Lease Area</b>
(Area in Hectares)		6	102.29

C) **Mines Reporting Production** :

	No. of Mines		Production (Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	<b>6</b>	<b>3</b>	<b>1670</b>	<b>1018</b>
<b>Private Sector</b>	6	3	1670	1018
<b>Non-captive</b>	6	3	1670	1018
<b>'B' Category</b>	6	3	1670	1018
<b>STATE</b>				
Karnataka	6	3	1670	1018

D) **Production Trend** :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Tonnes)</b>	550	1238	3049	1670	1018
<b>Value (Rs. '000)</b>	999	1367	2464	2420	1854

E) **Closing Stock** : **2007-08**    **2008-09**    **2009-10**    **2010-11**    **2011-12<sup>(P)</sup>**  
Quantity (Tonnes)                    2128                    2638                    2879                    6404                    4547

F) **Employment** :

<b>No. of Persons Employed per Day</b>	30	15
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	0.02	0.01



## FELSPAR

<b>A) Total Resources 1-4-2010</b>	:	<b>Reserves</b>	<b>Remaining Resources</b>	<b>Total</b>
(Th. Tonnes)		44503	87832	132335
<b>Life Index (Years)</b>	:			148
<b>B) Mining Leases as on 31-3-2011</b>	:	<b>No. of Leases</b>		<b>Lease Area</b>
(Area in Hectares)		862		11653.41
<b>C) Mines Reporting Production</b>	:			

	No. of Mines		Production (Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	<b>85(55)</b>	<b>103(93)</b>	<b>546472</b>	<b>660371</b>
<b>Public Sector</b>	3	3(1)	1155	2629
<b>Private Sector</b>	82(55)	100(92)	545317	657742
<b>Non-Captive</b>	85(55)	103(93)	546472	660371
<b>“A” Category</b>	(1)	(1)	1898	215
<b>“B” Category</b>	85(54)	103(92)	544574	660156
<b>STATES</b>				
Andhra Pradesh	20(22)	14(24)	208740	196928
Jharkhand	3 (6)	3 (6)	13315	15648
Karnataka	2	2	1034	-
Rajasthan	59(19)	83(35)	306126	415170
Tamil Nadu	1(7)	1 (27)	14555	27594
West Bengal	(1)	(1)	2702	5031

**D) Production Trend :**

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Th. Tonnes)</b>	488458	534032	496997	546472	660371
<b>Value ( Rs. '000 )</b>	99521	97651	98648	154676	212294

<b>E) Closing stock</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (Tonnes)	129984	213109	219497	229515	288929

**F) Employment :**

<b>No. of Persons Employed per Day</b>	793	992
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	0.59	0.73

Figures in parentheses indicate additional mines associated with quartz, asbestos, wollastonite and mica (crude).

<b>G) Domestic Consumption Trend</b>	:	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Th. Tonnes)		474	332	334	427	405

**H) Exports/Imports Trend :**

Exports (Felspar (Natural))	2007-08	2008-09	2009-10	2010-11	2011-12
<b>Quantity (Tonnes)</b>	427222	337644	315549	351266	394277
<b>Value (Rs. Crore)</b>	89.07	92.41	107.42	118.79	151.80
<b>Percentage Share to the Value of Exports of All Minerals</b>	0.1	0.1	0.1	0.1	0.1
Exports (Felspar (Cut & Uncut))	-	*	*	*	*
<b>Value (Rs. Crore)</b>	2.78	19.12	5.06	1.28	5.87
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	++	++	++	++
<b>Imports (Felspar (Natural))</b>					
<b>Quantity (Tonnes)</b>	90	290	7281	20409	41627
<b>Value (Rs. Crore)</b>	0.08	0.39	3.21	6.41	16.89
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++
Imports (Felspar (Cut & Uncut))	-	*	*	*	*
<b>Value (Rs. Crore)</b>	0.77	0.41	0.16	0.65	0.32
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	++	++	++	++

**I) Exports/Imports by Country in 2011-12 :**

Exports (Natural)	Indonesia	Bangladesh	Thailand	Vietnam	U A E	Others
<b>Quantity (Tonnes)</b>	69808	71577	37134	33646	46204	135908
<b>Value (Rs. Crore)</b>	28.70	19.51	16.04	15.86	14.00	57.69
Imports (Natural)	Thailand	China P Rp	Malaysia	Mongolia	U S A	Others
<b>Quantity (Tonnes)</b>	38800	1745	335	200	161	386
<b>Value (Rs. Crore)</b>	12.00	3.16	0.55	0.43	0.31	0.44

**J) Five Principal Felspar Mines in 2011-12 :**

Name of Mine	Location of Mine	Address of Mine Owner
Mandoli ki Dhani	Vill. Mandoli ki Dhani Distt. Sikar Rajasthan	M/s Laxmi Marble & Granite (Pvt.) limited, Opp.Railway Station, Tah: Neem ka Thana, Distt: Sikar – 332 713, Rajasthan.
Dolphin*	Vill. Sankireddypalli Distt. Mahaboobnagar Andhra Pradesh	Dolphin Feldspar Pvt. Ltd 6-3-1239/2/A, Kotis Court, 4 <sup>th</sup> floor, Rajbhavan Road, Somajiguda – 500 082.(A.P.)
Rasulpura	Vill. Rasulpura Distt. Ajmer Rajasthan	Brij Kishore Yadav, Sultharkhana Mohalla, 3301 Nasirabad P.O: Boobania, Dist: Ajmer – 305 601. (Raj.)
Bhunas(Danta)	Vill. Bhunas Distt. Bilwara Rajasthan	Seth Pusa Lal Mansinghka Pvt. Ltd. Pusa Niwas, Kasha Puri, Bhilwara – 311 001 Rajasthan
Balanagar*	Vill. Balanagar Distt. Mahaboobnagar Andhra Pradesh	Sibelco India Minerals Pvt. Ltd. No. 8-2-293/K/311-312, Sriman Chambers, Kamalapuri Colony, Phase-3, Hyderabad – 500 073. Andhra Pradesh

**K) Contribution of above Mines in 2011-12 :**

<b>Quantity (Tonnes)</b>	325953
<b>Percentage Share to All-India Production</b>	49

\* Quantity figures not given due to partial coverage. The corresponding value figures, however, have full coverage.

## FIRECLAY

Items	Reserves	Remaining Resources	Total
<b>A) Total Resources 1-4-2010</b> (Th. Tonnes)	30104	683415	713519
<b>Life Index (Years)</b>	:		225
<b>B) Mining Leases as on 31-3-2011</b> (Area in Hectares)	:	<b>No. of Leases</b> 272	<b>Lease Area</b> 6507.87
<b>C) Mines Reporting Production</b>	:		

	No. of Mines		Production (Th. Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	<b>60(6)</b>	<b>65(11)</b>	<b>857</b>	<b>760</b>
<b>Public Sector</b>	(1)	1(1)	5	6
<b>Private Sector</b>	60(5)	64(10)	852	754
<b>Captive</b>	2	1	10	3
<b>Non-captive</b>	58(6)	64(11)	847	757
<b>'A' Category</b>	(1)	(1)	6	10
<b>'B' Category</b>	60(5)	65(10)	851	750
<b>STATES</b>				
Andhra Pradesh	9 (1)	9 (1)	27	30
Gujarat	10	6	146	62
Jharkhand	7	7	24	69
Karnataka	2(1)	1 (1)	15	8
Madhya Pradesh	11 (2)	11 (3)	45	64
Maharashtra	2	2	3	10
Rajasthan	12	11(2)	507	396
Tamil Nadu	4	12	53	62
West Bengal	3 (2)	6(4)	37	59

**D) Production Trend :**

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Th, tonnes)</b>	545	496	549	857	760
<b>Value (Rs.'000)</b>	86854	83417	89680	136668	130654

<b>E) Closing Stock</b>	:	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (Th. Tonnes)		243	350	255	395	229

<b>F) Employment</b>	:		
<b>No. of Persons Employed per Day</b>		553	655
<b>Percentage Share of Employment to Total for MCDR Minerals</b>		0.41	0.48

Figures in parentheses indicate additional mines associated with bauxite, kaolin, laterite and ochre.

<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Th. Tonnes)	551	534	546	524	518

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>Quantity (Tonnes)</b>	8354	5590	9315	8624	9622
<b>Value (Rs. Crore)</b>	1.86	1.97	2.37	2.26	3.09
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
<b>Imports</b>					
<b>Quantity (Tonnes)</b>	1	121	43	689	269
<b>Value (Rs. Crore)</b>	0.01	0.49	0.07	1.09	0.52
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2011-12:**

<b>Exports</b>	<b>Bangladesh</b>	<b>Kuwait</b>	<b>Nepal</b>	<b>Brunei</b>	<b>Sudan</b>	<b>Others</b>
<b>Quantity (Tonnes)</b>	4735	897	944	470	100	2476
<b>Value (Rs. Crore)</b>	0.78	0.39	0.33	0.24	0.20	1.15
<b>Imports</b>	<b>U S A</b>	<b>Korea Rp</b>	<b>China P Rp</b>	<b>France</b>	<b>Germany</b>	<b>Others</b>
<b>Quantity (Tonnes)</b>	158	10	13	24	40	24
<b>Value (Rs. Crore)</b>	0.23	0.13	0.07	0.04	0.02	0.03

**J) Five Principal Fireclay Mines in 2011-12 :**

<b>Name Of Mine</b>	<b>Location Of Mine</b>	<b>Address Of Mine Owner</b>
Guda Radhera (MI 8/96)	Vill. Guda Distt.Bikaner Rajasthan	Shanta Sales Corporation, 2-Kh-23, Jawahar Nagar, Rani Bazar, Distt. Bikaner – 334 001, Rajasthan.
Indo-Ka-Bala (MI 11/93)	Vill. Indo-Ka-Bala Distt.Bikaner Rajasthan	Sampat Lal Daga. Labhuji Ka Katra, First Floor, Bagree Mohalla Distt.Bikaner – 334 005, Rajasthan.
Guda Mine	Vill. Guda Distt Bikaner Rajasthan	Sampat Lal Daga. Labhuji Ka Katra, First Floor, Bagree Mohalla Distt.Bikaner – 334 005, Rajasthan.
Chandi Mine	Vill. Golri Distt.Bikaner Rajasthan	Sampat Lal Daga. Labhuji Ka Katra, First Floor, Bagree Mohalla Distt.Bikaner – 334 005, Rajasthan.
Marudhara	Vill. Marudhara Distt. Bikaner Rajasthan	Bikaner Ceramics Pvt Ltd. Industrial Area Rani Bazar Distt.Bikaner – 334 001, Rajasthan.

**K) Contribution of above Mines in 2011-12 :**

<b>Quantity (Th. Tonnes)</b>	337
<b>Percentage Share to All-India Production</b>	44

## FLUORITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. Tonnes)	4712	13502	18214
<b>Life Index (Years)</b>			448

B) <b>Mining Leases as on 31-3-2011</b> (Area in Hectares)	<b>No. of Leases</b> 16	<b>Lease Area</b> 1670.71
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C) **Mines Reporting Production** :

	No. of Mines		Production (Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	3	3	59954	4856
<b>Public Sector</b>	3	3	59954	4856
<b>Captive</b>	1	1	52920	1920
<b>Non-captive</b>	2	2	7034	2936
<b>'A' Category</b>	1	1	52920	1920
<b>'B' Category</b>	2	2	7034	2936
<b>STATES</b>				
Gujarat	1	1	52920	1920
Maharashtra	1	1	6469	2740
Rajasthan	1	1	565	196

D) **Production Trend** :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Tonnes)</b>	3970	3176	105232	59954	4856
<b>Value (Rs.'000)</b>	19629	15626	81558	50147	11782

E) <b>Closing Stock</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (Tonnes) (Graded)	649	1334	3854	96891	91105

F) **Employment** :

<b>No. of Persons Employed per Day</b>	113	81
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	0.08	0.06

<b>G) Domestic Consumption Trend</b>	:	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Tonnes)		70700	70000	70500	69900	69400

**H) Exports/Imports Trend :**

Exports (Fluorite)	2007-08	2008-09	2009-10	2010-11	2011-12
<b>Quantity</b> (Tonnes)	467	203	2024	390	484
<b>Value</b> (Rs. Crore)	0.46	0.17	1.81	0.43	1.09
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
Imports (Fluorite)					
<b>Quantity</b> (Tonnes)	162110	153749	147138	161925	183662
<b>Value</b> (Rs. Crore)	164.93	255.87	197.15	233.40	463.97
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2011-12 :**

Exports (Fluorite)	Bangladesh	Israel	Brazil	Kuwait	U A E	Others
<b>Quantity</b> (Tonnes)	126	52	39	92	27	148
<b>Value</b> (Rs. Crore)	0.26	0.19	0.15	0.10	0.09	0.30
Imports (Fluorite)	China P Rp	Kenya	S. Africa	Ukraine	Mongolia	Others
<b>Quantity</b> (Tonnes)	115701	37115	14685	2371	2719	11071
<b>Value</b> (Rs. Crore)	306.09	92.02	37.60	5.27	5.27	17.72

**J) Fluorite Mines in 2011-12:**

Name of Mine	Location of Mine	Address of Mine Owner
Dungargaon	Vill. Dungargaon Distt. Chandrapur Maharashtra	Maharashtra State Mining Corporation Ltd., Plot no. 7, Ajni Square, Wardha Road, Nagpur, Maharashtra – 440 015.
Ambadungar	Vill. Ambadungar Distt. Vadodara Gujarat	Gujarat Mineral Devp. Corporation. Ltd., Khaniy Bhawan, 132 Ft. Ring Road, Vastrapur, Ahmedabad, Gujarat.
Lakhawas Santoshi (225 Hect.)	Vill. Karara Distt. Jalore Rajasthan	Rajasthan State Mines and Minerals Ltd., C-89-90, Janpath Lal Kothi, Jaipur – 313 001, Rajasthan.

**K) Contribution of above Mines in 2011-12:**

<b>Quantity</b> (Tonnes)	4856
<b>Percentage Share to All-India Production</b>	100



# GARNET

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. Tonnes)	19325	37638	56963
<b>Life Index (Years)</b>			13
B) <b>Mining Leases as on 31-3-2011</b> (Area in Hectares)	<b>No. of Leases</b>		<b>Lease Area</b>
Abrasive	96		938.88
Gem	1		12.08
C) <b>Mines Reporting Production</b>			

	No. of Mines		Production (Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>Garnet (Abrasive)</b>				
<b>INDIA</b>	<b>64(1)</b>	<b>67 (1)</b>	<b>2126337</b>	<b>1824648</b>
<b>Public Sector</b>	1 (1)	1 (1)	33383	31688
<b>Private Sector</b>	63	66	2092954	1792960
<b>Captive</b>	14	14	253435	88281
<b>Non-captive</b>	50 (1)	53 (1)	1872902	1736367
<b>'A' Category</b>	2 (1)	2 (1)	63375	81153
<b>'B' Category</b>	62	65	2062962	1743495
<b>STATES</b>				
Andhra Pradesh	2	2	153574	62325
Odisha	(1)	(1)	18474	19889
Tamil Nadu	62	65	1954289	1742434

**D) Production Trend :**

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity</b> Garnet (Abrasive) (Tonnes)	1275919	1151241	1580617	2126337	1824648
<b>Value</b> (Rs.'000)	523688	565937	763377	1274864	1354920

E) <b>Closing Stock</b>	<b>:</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity Garnet (Abrasive) (Tonnes)		346883	360597	272838	383012	392575

**F) Employment :**

<b>No. of Persons Employed per Day</b>	3484	3118
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	2.61	2.31

<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Th. Tonnes)	573	1015	899	1409	1409

**H) Exports/Imports Trend:**

<b>Exports (Garnet (Abrasive))</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>Quantity (Tonnes)</b>	261433	252478	171420	228663	428716
<b>Value (Rs. Crore)</b>	127.76	193.99	147.07	172.62	350.10
<b>Exports (Garnet (Cut &amp; Uncut))</b>					
<b>Quantity (kg.)</b>	*	*	*	*	*
<b>Value (Rs. Crore)</b>	0.16	7.65	13.7	1.85	4.25
<b>Percentage Share to the Value (Abrasive)</b>	0.1	0.2	0.1	0.1	0.2
<b>of Exports of All Minerals (Cut &amp; Uncut)</b>	++	++	0.1	++	++
<b>Imports (Garnet (Abrasive))</b>					
<b>Quantity (Tonnes)</b>	35	332	20	357	314
<b>Value (Rs. Crore)</b>	0.02	0.65	++	0.75	0.55
<b>Imports (Garnet (Cut &amp; Uncut))</b>					
<b>Quantity (kg.)</b>	*	*	*	*	*
<b>Value (Rs. Crore)</b>	4.13	4.05	2.38	1.61	5.35
<b>Percentage Share to the Value (Abrasive)</b>	++	++	++	++	++
<b>of Imports of All Minerals (Cut &amp; Uncut)</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2011-12:**

<b>Exports (Garnet (Abrasive))</b>	<b>U A E</b>	<b>U S A</b>	<b>Germany</b>	<b>Saudi Arab</b>	<b>Malaysia</b>	<b>Others</b>
<b>Quantity (Tonnes)</b>	95168	47906	34298	31498	28767	191079
<b>Value (Rs. Crore)</b>	79.76	44.82	27.85	25.74	16.01	155.92
<b>Exports (Garnet (Cut &amp; Uncut))</b>	<b>Thailand</b>	<b>Singapore</b>	<b>Czech Rep</b>	<b>Hong Kong</b>	<b>U S A</b>	<b>Others</b>
<b>Quantity (kg.)</b>	*	*	*	*	*	*
<b>Value (Rs. Crore)</b>	1.85	0.72	0.54	0.35	0.31	0.48
<b>Imports (Garnet (Abrasive))</b>	<b>China P Rp</b>		<b>Australia</b>		<b>U Arab Emts</b>	
<b>Quantity (Tonnes)</b>	260		26		28	
<b>Value (Rs. Crore)</b>	0.49		0.04		0.02	
<b>Imports (Garnet (Cut &amp; Uncut))</b>	<b>Thailand</b>	<b>Tanzania</b>	<b>Switzerland</b>	<b>Mozambique</b>	<b>Kenya</b>	<b>Others</b>
<b>Quantity (kg.)</b>	*	*	*	*	*	*
<b>Value (Rs. Crore)</b>	2.96	1.1	0.45	0.25	0.17	0.42

**J) Principal Garnet Mines in 2011-12 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
<b>Garnet (Abrasive)</b>		
K. Pudur G.O. No. 185	Vill. Karaichithupudur Distt. Tirunelveli Tamil Nadu	V.V. Mineral, Keeraikaranthattu, Tisaiyanvilai – 627 657, Distt. Tirunelveli, Tamil Nadu.
Vaippar G.O. No. 2747	Vill. Vaippar Distt. Tuticorin Tamil Nadu	V.V. Mineral, Keeraikaranthattu, Tisaiyanvilai – 627 657, Distt. Tirunelveli, Tamil Nadu.
Thiruvembalapuram G.O. No. 829	Vill. Thiruvembalapuram Distt. Tirunelveli Tamil Nadu	V.V. Mineral, Keeraikaranthattu, Tisaiyanvilai – 627 657, Distt. Tirunelveli, Tamil Nadu.
Panchal G. O. No. 122	Vill. Panchal Distt. Tirunelveli Tamil Nadu	V.V. Mineral, Keeraikaranthattu, Tisaiyanvilai – 627 657, Distt. Tirunelveli, Tamil Nadu.
Levenjipuram G. O. No. 1507	Vill. Levenjipuram Distt. Tirunelveli Tamil Nadu	V.V. Mineral, Keeraikaranthattu, Tisaiyanvilai – 627 657, Distt. Tirunelveli, Tamil Nadu.

**K) Contribution of above Mines in 2011-12 :**

<b>Garnet (Abrasive) Quantity (Tonnes)</b>	641550
<b>Percentage Share to All-India Production</b>	35

\* Quantity figures not given due to partial coverage.

## GOLD

Items	Reserves	Remaining Resources	Total
<b>A) Total Resources 1-4-2010</b> :			
<b>Primary Ore</b> (Th. Tonnes)	24125	469570	493695
Metal (Tonnes)	111	549	660
<b>Life Index</b> (Years) (Ore) :			223
<b>B) Mining Leases as on 31-3-2011</b> :	<b>No. of Leases</b>		<b>Lease Area</b>
(Area in Hectares)	11		6441.71
<b>C) Mines Reporting Production</b> :			

	No. of Mines		Production	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	4	4		
Ore (Th. Tonnes)			742	492
Gold Bullion (kg.)			2399	2192
Primary			2399	2192
<b>Primary</b>				
<b>Public Sector</b>	3	3		
Ore (Th. Tonnes)			737	484
Gold Bullion (kg.)			2385	2181
<b>Private Sector</b>	1	1		
Ore (Th. Tonnes)			5	8
Gold Bullion (kg.)			14	11
<b>Captive</b>	4	4		
Ore (Th. Tonnes)			742	492
Gold Bullion (kg.)			2399	2192
<b>'A' Category</b>	3	3		
Ore (Th. Tonnes)			737	484
Gold Bullion (kg.)			2385	2181
<b>'B' Category</b>	1	1		
Ore (Th. Tonnes)			5	8
Gold Bullion (kg.)			14	11
<b>STATES</b>				
<b>Jharkhand</b>	1	1		
Ore (Th. Tonnes)			5	8
Gold Bullion (kg.)			14	11
<b>Karnataka</b>	3	3		
Ore (Th. Tonnes)			737	484
Gold Bullion (kg.)			2385	2181

**D) Production Trend** :

Quantity	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
Ore (Th. Tonnes)	681	587	518	742	492
Gold Bullion (kg.)	2969	2438	2084	2399	2192
<b>Value (Rs.'000)</b>					
Gold Bullion	3017382	3152620	3425814	4345197	5496037

<b>E) Closing Stock</b> :	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (Ore) (Th. Tonnes)	242	139	241	408	104

**F) Employment** :

<b>No. of Persons Employed per Day</b>	3150	3499
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	2.36	2.59

<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend :**

<b>Exports</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>Quantity (Metal) (kg.)</b>	4128	3680	22990	34595	169126
<b>Value (Rs. Crore)</b>	18.76	128.93	982.72	427.55	1979.94
<b>Percentage Share to the Value of Exports of All Metals</b>	++	0.2	1.7	0.5	1.9
<b>Imports</b>					
<b>Quantity (Metal) (kg.)</b>	698413	745306	851023	969738	1078354
<b>Value (Rs. Crore)</b>	67359.2	92100.06	135883.20	184728.75	269900.71
<b>Percentage Share to the Value of Imports of All Metals</b>	47.5	46.2	63.4	64.4	64.5

**I) Exports/Imports by Country in 2011-12 :**

<b>Exports</b>	<b>U A E</b>	<b>Belgium</b>	<b>Korea Rp</b>	<b>U S A</b>	<b>Unspecified</b>	<b>Others</b>
<b>Quantity (Metal) (kg.)</b>	4277	131807	33000	5	6	31
<b>Value (Rs. Crore)</b>	1177.06	743.75	54.75	2.42	1.36	0.60
<b>Imports</b>	<b>Switzerland</b>	<b>U A E</b>	<b>S. Africa</b>	<b>Australia</b>	<b>U S A</b>	<b>Others</b>
<b>Quantity (Metal) (kg.)</b>	556892	189444	124240	62146	27753	117879
<b>Value (Rs. Crore)</b>	139620.52	47485.31	31072.63	15631.18	6718.50	29372.57

**J) Gold Mines in 2011-12 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Hutti	Vill. Hutti Distt. Raichur Karnataka	The Hutti Gold Mines Co. Ltd. Hutti, Distt. Raichur, Karnataka – 548 115.
Uti	Vill. Uti Distt. Raichur Karnataka	The Hutti Gold Mines Co. Ltd. Hutti, Distt. Raichur, Karnataka – 548 115.
Hirabuddin	Vill. Hirabuddin Distt. Raichur Karnataka	The Hutti Gold Mines Co. Ltd. Hirabuddin, Distt. Raichur, Karnataka – 548 115.
Kunderkocha	Vill. Kunderkocha Distt. Singhbhum (East) Jharkhand	Manmohan Industries (P) Ltd., Shanti Niketan, 286, New Patliputra Colony, Patna, Bihar.

**K) Contribution of above Mines in 2011-12 :**

<b>Quantity (kg.) Gold Bullion (Primary)</b>	2192
<b>Percentage Share to All-India</b>	100

## GRAPHITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. Tonnes)	8032	166818	174850

**Life Index (Years)** : 145

B) <b>Mining Leases as on 31-3-2011</b> (Area in Hectares)	No. of Leases	Lease Area
	121	3787.65

C) **Mines Reporting Production** :

	No. of Mines		Production (Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	24	19	115697	148974
<b>Public Sector</b>	1	1	49329	57205
<b>Private Sector</b>	23	18	66368	91769
<b>Non-captive</b>	24	19	115697	148974
<b>'B' Category</b>	24	19	115697	148974
<b>STATES</b>				
Chattisgarh	-	1	-	*
Jharkhand	10	11	45146	71810
Odisha	12	5	20472	18859
Tamil Nadu	2	2	50079	58305

D) **Production Trend** :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Tonnes)</b>	170813	117767	124625	115697	148974
<b>Value (Rs.'000)</b>	75865	46618	53830	50380	66451

E) <b>Closing Stock</b>	:	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2010-11<sup>(P)</sup></b>
Quantity (Tonnes)		56315	45144	69666	76640	82733

F) **Employment** :

**No. of Persons Employed per Day** : 313 279

**Percentage Share of Employment to Total for MCDR Minerals** : 0.23 0.21

<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Tonnes)	14000	14100	14400	14600	15000

**H) Exports/Imports Trend:**

Exports (Graphite (Natural))	2007-08	2008-09	2009-10	2010-11	2011-12
<b>Quantity</b> (Tonnes)	1420	1909	1048	1205	1683
<b>Value</b> (Rs. Crore)	4.45	9.19	8.14	7.97	10.13
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
Imports (Graphite (Natural))					
<b>Quantity</b> (Tonnes)	11666	7309	12780	14348	19287
<b>Value</b> (Rs. Crore)	22.98	24.73	39.57	46.00	94.42
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	0.1	++	++

**I) Exports/Imports by Country in 2011-12 :**

Exports	Germany	U K	Netherland	Bangladesh	Japan	Others
<b>Quantity</b> (Tonnes)	444	277	49	100	88	725
<b>Value</b> (Rs. Crore)	2.96	2.30	0.71	0.64	0.62	2.90
Imports	China P Rp	Madagascar	Italy	Brazil	Germany	Others
<b>Quantity</b> (Tonnes)	16495	797	266	359	144	1226
<b>Value</b> (Rs. Crore)	74.41	5.07	3.05	2.63	1.86	7.41

**J) Five Principal Graphite Mines in 2011-12 :**

Name of Mine	Location of Mine	Address of Mine Owner
Sivaganga	Vill. Senthuiyanathapuram Distt. Sivaganga Tamil Nadu	Tamil Nadu Minerals Ltd., 31, Kamarajar Salai, Chepauk, Chennai – 600 005, Tamil Nadu.
Murma	Vill. Murma Distt. Palamau Jharkhand	K. K. Poddar, Poddar Niket, Bariatu Road, Ranchi, Jharkhand.
Khamadih	Vill. Murma Distt. Palamau Jharkhand	Orissa Maganese & Mineral Pvt, Ltd. Lansdowne Towers, 6 <sup>th</sup> Floor, 2/1 A Sarat Bose Road, Kolkata, West Bengal.
Kumbhibhata	Vill. Kumbhibhata Distt. Rayagada Odisha	T.P. Minerals Pvt. Ltd., Hospital Road, Distt. Sambalpur – 768 002, Odisha.
Purnadih	Vill. Purnadih Sehra Distt. Palamau Jharkhand	Singhanian Commercial Co. Jail Road, Daltonganj – 822 101, Palamau, Jharkhand.

**K) Contribution of above Mines in 2011-12 :**

<b>Quantity</b> (Tonnes)	122212
<b>Percentage Share to All-India Production</b>	82

# GYPSUM

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. Tonnes)	39096	1247402	1286498
<b>Life Index</b> (Years) (Gypsum & Selenite)	:		210

B) <b>Mining Leases as on 31-3-2011</b> (Area in Hectares)	:	<b>No. of Leases</b> 89	<b>Lease Area</b> 15255.15
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C) **Mines Reporting Production** :

	No. of Mines		Production (Th. Tonnes)	
	2010-11	2011-12 <sup>(P)</sup>	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	<b>30</b>	<b>35</b>	<b>4918</b>	<b>3189</b>
<b>Public Sector</b>	28	33	4918	3185
<b>Private Sector</b>	2	2	++	4
<b>Non-captive</b>	30	35	4918	3189
<b>'A' Category</b>	1	1	1	8
<b>'B' Category</b>	29	34	4917	3181
<b>STATES</b>				
Gujarat	2	1	++	++
Jammu & Kashmir	2	2	38	29
Rajasthan	26	32	4880	3160

D) **Production Trend** :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity</b> (Th. Tonnes)	3400	3877	3370	4918	3189
<b>Value</b> (Rs. '000)	719737	993465	1004631	1475454	1315174

E) <b>Closing Stock</b>	:	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (Th. Tonnes)		127	35	15	46	155

F) **Employment** :

<b>No. of Persons Employed per Day</b>	323	339
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	0.24	0.25

++ Negligible

<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Th. Tonnes)	5717	6139	6567	6984	7145

**H) Exports/Imports Trend:**

<b>Exports (Gypsum &amp; Plaster)</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>Quantity (Tonnes)</b>	120582	209157	100520	100918	51732
<b>Value (Rs. Crore)</b>	11.28	15.77	11.43	13.76	7.85
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
<b>Imports (Gypsum &amp; plaster)</b>					
<b>Quantity (Tonnes)</b>	582215	890912	1548701	1697746	2776177
<b>Value (Rs. Crore)</b>	80.21	141.94	221.27	221.30	397.90
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2011-12:**

<b>Exports</b>	<b>Nepal</b>	<b>Bangladesh</b>	<b>Malaysia</b>	<b>Kenya</b>	<b>Netherland</b>	<b>Others</b>
<b>Quantity (Tonnes)</b>	43645	5633	400	363	208	1483
<b>Value (Rs. Crore)</b>	3.65	0.83	0.82	0.41	0.27	1.87
<b>Imports</b>	<b>Thailand</b>	<b>Oman</b>	<b>Iran</b>	<b>Pakistan</b>	<b>Indonesia</b>	<b>Others</b>
<b>Quantity (Tonnes)</b>	1217598	589703	452759	351450	69205	95462
<b>Value (Rs. Crore)</b>	168.22	84.65	59.49	52.85	8.41	24.28

**J) Five Principal Gypsum Mines in 2011-12 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Ballar	Vill. Ballar Distt. Bikaner Rajasthan	Rajasthan State Mines & Minerals Ltd., SBU & PC-Gypsum, Sadul Club Building, Distt. Bikaner – 334 001, Rajasthan.
Mohangarh	Vill. Mohangarh Distt. Jaisalmer Rajasthan	FCI Aravali Gypsum & Minerals India Ltd., M/S Fagmil Magu Singh Rajvi Marg, (Paota' B' Road), Jhodhpur, Rajasthan.
Got-Mangold	Vill. Got-Mangold Distt. Nagaur Rajasthan	Rajasthan State Mines & Minerals Ltd., SBU & Pc-Gypsum, Sadul Club Building, Distt. Bikaner – 334 001, Rajasthan.
Dhani Abdullawali	Vill. Dhani Abdullawali Distt. Bikaner Rajasthan	Rajasthan State Mines & Minerals Ltd., SBU & Pc-Gypsum, Sadul Club Building, Distt. Bikaner – 334 001, Rajasthan.
Aladin Ka Bera	Vill. Aladin Ka Bera Distt. Bikaner Rajasthan	Rajasthan State Mines & Minerals Ltd., SBU & Pc-Gypsum, Sadul Club Building, Distt. Bikaner – 334 001, Rajasthan.

**K) Contribution of above Mines in 2011-12 :**

<b>Quantity (Th. Tonnes)</b>	2220
<b>Percentage Share to All-India Production</b>	70





<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>Quantity (Tonnes)</b>	-	-	-	-	-
<b>Value (Rs. Crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
<b>Imports</b>					
<b>Quantity (Tonnes)</b>	-	-	-	-	-
<b>Value (Rs. Crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**K) Exports/Imports by Country in 2011-12 :**

<b>Exports</b>	-
<b>Quantity (Tonnes)</b>	-
<b>Value (Rs. Crore)</b>	-
<b>Imports</b>	-
<b>Quantity (Tonnes)</b>	-
<b>Value (Rs. Crore)</b>	-

**J) Iolite Mine in 2011-12:** -

**K) Contribution of above mine in 2011-12:**

**Quantity (Tonnes)** -

**Percentage Share to All-India Production** -

## IRON ORE AND CONCENTRATES

<b>Items</b>		<b>Reserves</b>	<b>Remaining Resources</b>	<b>Total</b>
A) <b>Recoverable Reserves (Total)</b>	:	<b>8115</b>	<b>20411</b>	<b>28526</b>
(Million Tonnes) Hematite (1-4-2010)		8093	9789	17882
Magnetite (1-4-2010)		22	10622	10644
<b>Life Index (Years)</b>	:			<b>80</b>
(Includes Hematite & Magnetite)				
B) <b>Mining Leases as on 31-3-2011</b>	:	<b>No. of Leases</b>		<b>Lease Area</b>
Iron Ore (Area in Hectares)		800		98082.70

C) **Mines Reporting Production** :

	No. of Mines		Production (Th. Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(p)</sup>
<b>INDIA</b>	<b>336(20)</b>	<b>294(24)</b>	<b>207157</b>	<b>167289</b>
<b>Public Sector</b>	35	34	60001	55666
<b>Private Sector</b>	301(20)	260(24)	147156	111623
<b>Captive</b>	26	26	44761	42830
<b>Non-captive</b>	310(20)	268(24)	162396	124459
<b>'A' Category</b>	149(3)	131(3)	150523	125076
<b>'B' Category</b>	187(17)	163(21)	56634	42213
<b>STATES</b>				
Andhra Pradesh	34(2)	39(6)	1560	1714
Chhattisgarh	10	11	29320	30455
Goa	73(3)	68(2)	35564	33372
Jharkhand	20	19(1)	22288	18942
Karnataka	98(8)	55(7)	38983	13189
Madhya Pradesh	8(5)	13(5)	1762	1102
Maharashtra	15	14	1525	1470
Odisha	77(2)	74(3)	76128	67013
Rajasthan	1	1	27	32
<b>GRADES</b>				
<b>Lumps (Total)</b>			<b>77273</b>	<b>62700</b>
Below 55% Fe			5278	7626
55% to below 58% Fe			4604	2961
58% to below 60% Fe			5603	3038
60% to below 62% Fe			9589	4117
62% to below 65% Fe			25331	25258
65% Fe and above			26868	19700
<b>Fines (Total)</b>			<b>129203</b>	<b>104180</b>
Below 55% Fe			13336	15917
55% to below 58% Fe			7727	7678
58% to below 60% Fe			9755	6057
60% to below 62% Fe			26201	18911
62% to below 65% Fe			55621	41032
65% Fe and above			16563	14585
<b>Concentrates (Total)</b>			<b>681</b>	<b>409</b>

D) **Production Trend** :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(p)</sup>
<b>Quantity (Th. Tonnes)</b>	2,13,250	2,12,960	2,18,553	207157	167289
<b>Value (Rs.'000)</b>	233,792,271	285,444,020	264,620,052	396141714	379651367

E) <b>Closing Stock</b>	:	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(p)</sup></b>
Quantity (Th. Tonnes)		65902	74601	90767	120630	123784

F) **Employment** :

<b>No. of Persons Employed per Day</b>		46183	45106
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<b>Percentage Share of Employment to Total for MCDR Minerals</b>		34.61	33.38
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Figures in parentheses indicate additional mines associated with manganese ore, laterite, dolomite and limestone.

<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Th. Tonnes)	78601	85278	86816	96955	104054

**H) Exports/Imports Trend :**

Exports	2007-08	2008-09	2009-10	2010-11	2011-12
<b>Quantity</b> (Th. Tonnes)	68473	68904	101531	46890	47153
<b>Value</b> (Rs. Crore)	23399.70	21725.31	28366.17	21415.69	22184.40
<b>Percentage Share to the Value of Exports of All Minerals</b>	24.6	19.9	22.2	12.3	12.7
Imports					
<b>Quantity</b> (Th.tonnes)	293	69	897	1867	978
<b>Value</b> (Rs. Crore)	178.84	61.11	468.11	1028.48	688.58
<b>Percentage Share to the Value of Imports of All Minerals</b>	0.1	++	0.1	0.2	0.1

**I) Exports/Imports by Country in 2011-12 :**

Exports	China P Rp	Japan	Korea Rp	Netherland	Bangladesh	Others
<b>Quantity</b> (Th. Tonnes)	43795	1941	841	217	158	201
<b>Value</b> (Rs. Crore)	20099.73	1263.96	477.60	153.30	113.90	75.91
Imports	Ukraine	Russia	Baharain Is.	S. Africa	Belgium	Others
<b>Quantity</b> (Th.tonnes)	209	150	312	104	95	108
<b>Value</b> (Rs. Crore)	194.92	137.84	115.95	93.08	81.80	64.99

**J) Five Principal Iron ore Mines in 2011-12 :**

Name of Mine	Location of Mine	Address of Mine Owner
Bailadilla Deposit No14 &11C	Vill. Kirandul Distt. Dantewada Chhatisgarh	National Mineral Development Corp. Ltd. Khanij Bhavan,10-3-311A,Castle Hills, Masab Tank, Hyderabad – 500 028 (A.P.)
Bailadilla Deposit No 5	Vill. Bacheli Distt. Dantewada Chattisgarh	National Mineral Dev. Corpn. Ltd. Khanij Bhavan, 10-3-311A, Castle Hills, Masab Tank, Hyderabad – 500 028 (A.P.)
Thakurani Block-B	Vill. Soyabali Distt- Keonjhar Odisha	M/S Sarda Mines Pvt. Ltd. Thakurani Iron Ore Mines, Post Box No 85, Post- Barbil, Soyabali, Distt. Keonjhar, Odisha – 758 035.
Naogown	Vill. Guali Distt- Keonjhar Odisha	Kamaljeet Singh Ahluwalia Post Box No 3, Post- Barbil, Distt.Keonjhar, Odisha – 758 035.
Jajang	Vill-Jajang Distt-Keonjhar Odisha	Rungta Mines (P) Ltd. Rungta House, Chaibasa – 833 201 Singhbhum (West), Jharkhand.

**K) Contribution of above Mines in 2011-12 :**

<b>Quantity</b> (Th. Tonnes)	34084
<b>Percentage Share to All-India Production</b>	20



<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>Quantity (Tonnes)</b>	-	-	-	-	-
<b>Value (Rs. Crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
<b>Imports</b>					
<b>Quantity (Tonnes)</b>	-	-	-	-	-
<b>Value (Rs. Crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**I) Exports/Imports by Country in 2011-12:**

<b>Exports</b>	
<b>Quantity (Tonnes)</b>	-
<b>Value (Rs. Crore)</b>	-
<b>Imports</b>	
<b>Quantity (Tonnes)</b>	-
<b>Value (Rs. Crore)</b>	-

**J) Principal Jasper Mines in 2011-12:** -

**K) Contribution of above Mines in 2011-12 :**

**Quantity (Tonnes)** -

**Percentage Share to All-India Production** -

# KAOLIN

<b>Items</b>		<b>Reserves</b>	<b>Remaining Resources</b>	<b>Total</b>
A) <b>Total Resources 1-4-2010</b> (Million Tonnes)	:	177	2528	2705
<b>Life Index</b> (Years)	:			362
B) <b>Mining Leases as on 31-3-2010</b> (Area in Hectares)	:		<b>No. of Leases</b> 514	<b>Lease Area</b> 17386.17
C) <b>Mines Reporting Production</b>	:			

	No. of Mines		Production (Th.Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	<b>81 (1)</b>	<b>71 (1)</b>	<b>2728</b>	<b>2734</b>
Natural			2651	2667
Processed			77	67
<b>Public Sector</b>	<b>6</b>	<b>5</b>	<b>39</b>	<b>27</b>
Natural			27	16
Processed			12	11
<b>Private Sector</b>	<b>75 (1)</b>	<b>66 (1)</b>	<b>2689</b>	<b>2707</b>
Natural			2624	2651
Processed			65	56
<b>Captive</b>	<b>4</b>	<b>3</b>	<b>63</b>	<b>67</b>
Natural			63	67
Processed			-	-
<b>Non-captive</b>	<b>77 (1)</b>	<b>68 (1)</b>	<b>2665</b>	<b>2667</b>
Natural			2588	2600
Processed			77	67
<b>'A' Category</b>	<b>4 (1)</b>	<b>4 (1)</b>	<b>117</b>	<b>113</b>
Natural			98	90
Processed			19	23
<b>'B' Category</b>	<b>77</b>	<b>67</b>	<b>2611</b>	<b>2621</b>
Natural			2553	2577
Processed			58	44
<b>STATES</b>				
<b>Gujarat</b>	<b>22</b>	<b>17</b>	<b>1252</b>	<b>1319</b>
Natural			1223	1293
Processed			29	26
<b>Jharkhand</b>	<b>11(1)</b>	<b>8(1)</b>	<b>93</b>	<b>142</b>
Natural			66	117
Processed			27	25
<b>Kerala</b>	<b>15</b>	<b>14</b>	<b>704</b>	<b>641</b>
Natural			695	634
Processed			9	7
<b>Rajasthan</b>	<b>15</b>	<b>16</b>	<b>560</b>	<b>463</b>
Natural			560	463
Processed			-	-
<b>West Bengal</b>	<b>3</b>	<b>5</b>	<b>90</b>	<b>87</b>
Natural			85	81
Processed			5	6
<b>Others</b>	<b>15</b>	<b>11</b>	<b>29</b>	<b>82</b>
Natural			23	79
Processed			6	3

**D) Production Trend :**

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Th. Tonnes)</b>					
Total	1466	2084	2798	2728	2734
Natural	1351	1988	2718	2651	2667
Processed	115	96	80	77	67
<b>Value (Rs.'000)</b>					
Total	573568	641747	676728	737101	634795
Natural	291743	410952	524683	598095	520244
Processed	281825	230795	152045	139006	114551

E) <b>Closing Stock</b>		<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (Th. Tonnes)	:	264	354	412	407	426

F) <b>Employment</b>					
<b>No. of Persons Employed per Day</b>	:			2078	1501
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	:			1.56	1.11

Figures in parentheses indicate associated mines.

<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Th. Tonnes)	880	984	1088	1485	1477

**H) Exports/Imports Trend:**

Exports	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)	59457	120418	160935	112016	184734
Value (Rs. Crore)	29.96	47.78	49.08	42.31	58.21
Percentage Share to the Value of Exports of All Minerals	++	++	++	++	++
Imports					
Quantity (Tonnes)	43550	62083	46708	52663	73647
Value (Rs. Crore)	46.05	63.2	56.39	63.67	107.83
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

**I) Exports/Imports by Country in 2011-12 :**

Exports	U A E	Bangladesh	Germany	U S A	Saudi Arab	Others
Quantity (Tonnes)	137296	19787	3215	2272	1876	20288
Value (Rs. Crore)	12.72	6.84	4.75	3.29	2.76	27.85
Imports	U S A	China P Rp	U K	Germany	Bulgaria	Others
Quantity (Tonnes)	35681	15735	5576	3187	2287	11181
Value (Rs. Crore)	52.94	18.11	9.84	5.01	3.70	18.23

**J) Five Principal Kaolin Mines in 2011-12 :**

Name of Mines	Location of Mines	Address of Mines Owner
Nadapa (ML589)	Vill. Nadapa Distt. Kutch, Gujarat	Shree Ram Mine Chem. International, Near Kutch Dairy, G.I.D.C. Area, (Madhapar) Taluka- Bhuj, Distt. Kutch – 370 020. Gujarat
Nadapa	Vill. Nadapa Distt. Kutch, Gujarat	Vinod P. Solanki Main Bazaar, Junavas, P.O. Madhapar, Taluka- Bhuj, Distt. Kutch, Gujarat.
Melthonnakkal	Vill. Thonnakkal Distt. Thiruvananthapuram, Kerala.	English Indian Clays Ltd. TC 79/4, Veli Distt- Thiruvannathapuram, Kerala – 695 021.
Mamuara	Vill. Mamuara Distt. Kutch, Gujarat.	H.D. Enterprises Pvt. Ltd., H.D. House, Pooja' A', Above ICICI Bank Ltd. P.O. - Bhuj, Distt. Kutch – 370 001. Gujarat.
Nadapa	Vill. Nadapa Distt. Kutch, Gujarat.	Manoj P. Solanki Near Thakar Mandir, Junavas, P.O. Madhapar, Taluka- Bhuj, Distt. Kutch, Gujarat.

**K) Contribution of above Mines in 2011-12 :**

Quantity (Th. Tonnes)	1400
Percentage Share to All-India Production	51



# KYANITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. Tonnes)	1575	101671	103246

**Life Index (Years)** : Very Large

B) <b>Mining Leases as on 31-3-2011</b> (Area in Hectares)	No. of Leases	Lease Area
	32	3217.74

**C) Mines Reporting Production :**

	No. of Mines		Production (Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	5	2	5954	4064
<b>Public Sector</b>	3	2	4178	4064
<b>Private Sector</b>	2	-	1776	-
<b>Non-captive</b>	5	2	5954	4064
<b>'B' Category</b>	5	2	5954	4064
<b>STATES</b>				
Jharkhand	1	1	3547	4011
Maharashtra	4	1	2407	53
<b>GRADES</b>				
40 % & above Al <sub>2</sub> O <sub>3</sub>			2072	49
Below 40 % Al <sub>2</sub> O <sub>3</sub>			3882	4015

**D) Production Trend :**

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Tonnes)</b>	5102	4620	5495	5954	4064
<b>Value (Rs.'000)</b>	5393	5184	5812	6291	4802

E) <b>Closing Stock</b>	:	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (Tonnes)		2720	2998	2341	1977	8154

F) <b>Employment</b>	:					
<b>No. of Persons Employed per Day</b>				127	34	
<b>Percentage Share of Employment to Total for MCDR Minerals</b>				0.10	0.03	

<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Tonnes)	9600	8000	3800	4400	4500

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>Quantity (Tonnes)</b>	2471	219	130	3	1
<b>Value (Rs. Crore)</b>	1.74	0.11	0.23	++	++
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	++	++	++	++
<b>Imports</b>					
<b>Quantity (Tonnes)</b>	210	200	292	504	260
<b>Value (Rs. Crore)</b>	0.38	0.45	0.82	1.13	1.48
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2011-12:**

<b>Exports</b>	<b>Nepal</b>					
<b>Quantity (Tonnes)</b>	1					
<b>Value (Rs. Crore)</b>	++					
<b>Imports</b>	<b>U S A</b>	<b>Nepal</b>	<b>Germany</b>	<b>China P Rp</b>	<b>U K</b>	<b>Others</b>
<b>Quantity (Tonnes)</b>	151	29	21	19	20	20
<b>Value (Rs. Crore)</b>	0.65	0.48	0.23	0.04	0.04	0.04

**J) Kyanite Mines in 2011-12 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Jyoti Pahari	Vill. Jyoti Pahari Distt. Singhbhum East Jharkhand	Jharkhand State Mineral Dev. Corpn. Ltd., Khanij Nigam Bhawan, Nepal House Area, Doranda, Distt. Ranchi – 834 002, Jharkhand.
Navargaon	Vill. Navargaon Distt. Bhandara Maharashtra	Maharashtra State Mining Corp. Ltd., Plot No. 7, Ajni Square, Wardha Road, Nagpur – 440 015, Maharashtra.

**K) Contribution of above Mines in 2011-12:**

<b>Quantity (Tonnes)</b>	4064
<b>Percentage Share to All-India Production:</b>	100

## LATERITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. Tonnes)	24714	446119.	470833.
<b>Life Index (Years)</b>	:		19
B) <b>Mining Leases as on 31-3-2011</b> (Area in Hectares)	:	<b>No. of Leases</b> 186	<b>Lease Area</b> 2293.10
C) <b>Mines Reporting Production</b>	:		

	No. of Mines		Production (Th. Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(p)</sup>
<b>INDIA</b>	<b>23 (15)</b>	<b>38 (15)</b>	<b>1220</b>	<b>1666</b>
<b>Public Sector</b>	2(1)	2	64	83
<b>Private Sector</b>	21 (14)	36(15)	1156	1583
<b>Captive</b>	2	2	242	207
<b>Non-captive</b>	21 (15)	36(15)	978	1459
<b>'A' Category</b>	(1)	-	++	-
<b>'B' Category</b>	23 (14)	38(15)	1220	1666
<b>STATES</b>				
Andhra Pradesh	9(1)	16 (1)	633	1023
Gujarat	2	2	235	208
Karnataka	3	1	130	150
Kerala	3 (2)	3 (1)	88	111
Madhya Pradesh	5(11)	14(12)	133	166
Others	1 (1)	2 (1)	1	8
<b>For use in alumina and aluminium metal extraction *</b>				
40-45% Al <sub>2</sub> O <sub>3</sub>			6	-
Below 40% Al <sub>2</sub> O <sub>3</sub>			81	131
<b>For use other than alumina and aluminium metal extraction *</b>				
Cement			1132	1521
Abrasive			-	13
Refractory			++	-
Chemical			1	1

**D) Production Trend :**

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(p)</sup>
<b>Quantity (Th. Tonnes)</b>	1478	1237	1301	1220	1666
<b>Value (Rs. '000)</b>	217425	162442	177376	147948	226797

E) <b>Closing Stock</b>	:	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(p)</sup></b>
Quantity (Th. Tonnes)		177	106	102	209	691

**F) Employment :**

<b>No. of Persons Employed per Day</b>	:	300	476
<b>Percentage Share of Employment to Total for MCDR Minerals</b>		0.22	0.35

Figures in parentheses indicate additional mines associated with bauxite, ochre, iron ore and kaolin.

++ : Negligible Production. (p) : Provisional.

<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend:**

Exports	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
Imports					
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**I) Exports/Imports by Country in 2011-12 :**

<b>Exports</b>	
Quantity (Tonnes)	-
Value (Rs. Crore)	-
<b>Imports</b>	
Quantity (Tonnes)	-
Value (Rs. Crore)	-

**J) Five Principal Laterite Mines in 2011-12 :**

Name of Mine	Location of Mine	Address of Mine Owner
U.S.H.P.	Vill. Vanthada Distt. East Godavari Andhra Pradesh	S. Soban Babu, D. No. 23-6-25/A, Lalitha Nagar, Rajahmundry, East Godavari, Andhra Pradesh.
S. Lakshmana Reddy	Vill. Chinthalu, Distt. East Godavari Andhra Pradesh	S. Laxmana Reddy, 5-33-2, Main Road, Ramavaram Anaparthi, East Godavari, Andhra Pradesh.
Naredo	Vill. Naredo, Distt. Kachchh Gujarat	Sanghi Industries Ltd., 10 <sup>th</sup> Floor, Kataria Arcade, Opp, S.G.Highway, PO: Makaraba, Ahmedabad – 380 051, Gujarat.
VLN Mine	Vill. Belgundi Distt. Belgaum Karnataka	Smt. Surya Kumari, (M/s Belgaum Minerals) 91, Vinayak Nagar, Hindalga Road, Belgaum – 591 108, Karnataka
Chinthalu	Vill. Chinthalu, Distt. East Godavari Andhra Pradesh	P. Ramakrishna(Maheswari Minerals), 1-1-37/1, Kondaiahpalem, Gangeyulu, Vari Street, Near Nakalamma Temple, Kakinada East Godavari, Andhra Pradesh.

**K) Contribution of above Mines in 2011-12:**

Quantity (Th. Tonnes)	1079
Percentage Share to All-India Production	65

## LEAD AND ZINC CONCENTRATES

<b>A) Total Resources 1-4-2010</b> :	<b>Reserves</b>	<b>Remaining Resources</b>	<b>Total</b>
(Th. Tonnes) a) Ore	108980	576615	685595
b) Lead metal	2245	9304	11549
c) Zinc metal	12453	24212	36665
<b>Life Index (Years) (Lead &amp; Zinc Ore):</b>			44
<b>B) Mining Leases as on 31-3-2011</b> :	<b>No. of Leases</b>		<b>Lease Area</b>
(Area in Hectares) (Lead & Zinc Ore)	12		7175.19
<b>C) Mines Reporting Production</b> :			

	No. of Mines		Production (Th.tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>India</b>				
Lead & Zinc Ore	6	6	7540	8042
Lead Concentrates			148	161
Zinc Concentrates			1427	1412
<b>Private Sector</b>	6	6		
Lead & Zinc Ore			7540	8042
Lead Concentrates			148	161
Zinc Concentrates			1427	1412
<b>Captive</b>	6	6		
Lead & Zinc Ore			7540	8042
Lead Concentrates			148	161
Zinc Concentrates			1427	1412
<b>'A' Category</b>	6	6		
Lead & Zinc Ore			7540	8042
Lead Concentrates			148	161
Zinc Concentrates			1427	1412

STATES	No. of Mines		Production (Th. Tonnes)					
	2010-11	2011-12	2010-11			2011-12 <sup>(P)</sup>		
			Qty.	Pb%	Zn%	Qty.	Pb%	Zn%
Rajasthan								
Lead & Zinc Ore	6	6	7540	2.04	11.49	8042	1.79	9.99
Lead Concentrates			148	57.20		161	55.55	
Zinc Concentrates			1427		51.14	1427		51.39

<b>D) Production Trend</b> :	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
<b>Quantity (Th. Tonnes)</b>					
Lead & Zinc Ore	5783	6681	7102	7540	8042
Lead Concentrates	126	134	134	148	161
Zinc Concentrates	1036	1224	1280	1412	1412
<b>Value (Rs.'000)</b>					
Lead Concentrates	1443876	1362744	1765874	2000435	2464159
Zinc Concentrates	9394204	9466647	13058419	17930226	19893051

<b>E) Closing Stock</b> :	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
<b>Quantity (Th. Tonnes)</b>					
Lead & Zinc Ore	70	109	99	208	30
Lead Conc	49	12	10	18	1
Zinc Conc	101	170	53	68	6

<b>F) Employment</b> :					
<b>No. of Persons Employed per Day</b>				3408	4601
<b>Percentage Share of Employment to Total for MCDR Minerals</b>				2.55	3.40

<b>G) Domestic Consumption Trend</b>	:	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Lead Concentrates (Th. Tonnes)		N.A.	N.A.	N.A.	N.A.	N.A.
Zinc Concentrates (Th. Tonnes)		N.A.	N.A.	N.A.	N.A.	N.A.
<b>H) Exports/Imports Trend</b>	:					

Exports (Lead Ores & Concentrates)	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)	1102514	81095	36476	39195	10226
Value (Rs. Crore)	287.93	564.94	243.46	389.18	139.05
<b>Exports (Zinc Ores &amp; Concentrates)</b>					
Quantity (Tonnes)	506774	88387	191960	67501	5591
Value (Rs. Crore)	1287.94	238.92	616.8	284.67	1.42
Percentage Share to the Value (Lead Ores & conc.)	0.3	0.5	0.2	0.2	0.1
of Exports of All Minerals (Zinc Ores & conc.)	1.4	0.2	0.5	0.2	++
<b>Imports (Lead Ores &amp; Concentrates)</b>					
Quantity (Tonnes)	5685	5184	6944	9722	30282
Value (Rs. Crore)	23.42	19.38	22.33	34.21	191.51
<b>Imports (Zinc Ores &amp; Concentrates)</b>					
Quantity (Tonnes)	49493	78201	59857	88171	63194
Value (Rs. Crore)	284.61	221.8	191.11	341.59	239.65
Percentage Share to the Value (Lead Ores & conc.)	++	++	++	++	++
of Imports of All Minerals (Zinc Ores & conc.)	0.1	++	++	0.1	++

**I) Exports/Imports by Country in 2011-12 :**

Exports (Lead Ore & Concentrates)	China P Rp		Djibouti			
Quantity (Tonnes)	10221		5			
Value (Rs. Crore)	139.05		++			
<b>Exports (Zinc Ore &amp; Concentrates)</b>						
<b>China P Rp</b>						
Quantity (Tonnes)	5591					
Value (Rs. Crore)	1.42					
<b>Imports (Lead Ore &amp; Concentrates)</b>						
	<b>S.Africa</b>	<b>Ireland</b>	<b>Morocco</b>	<b>Senegal</b>	<b>U A E</b>	<b>Others</b>
Quantity (Tonnes)	6713	10835	1579	1611	1177	8367
Value (Rs. Crore)	72.00	69.26	12.13	5.97	4.17	27.98
<b>Imports (Zinc Ore &amp; Concentrates)</b>						
	<b>Australi</b>	<b>Benin</b>	<b>Peru</b>	<b>Ireland</b>	<b>Morocco</b>	<b>Others</b>
Quantity (Tonnes)	37310	9244	8398	7367	318	557
Value (Rs. Crore)	134.45	36.83	34.00	31.26	1.10	2.01

**J) Principal Lead & Zinc Mines in 2011-12:**

Name of Mine	Location of Mine	Address of Mine Owner
Rampura Agucha	Vill. Agucha Distt. Bhilwara Rajasthan	Hindustan Zinc Ltd., Yashad Bhawan, Udaipur Rajasthan-313004
Sundesar Khurd	Vill. Zawar Distt. Udaipur Rajasthan	
Rajpur Dariba	Vill. Dariba Distt. Rajsamand Rajasthan	
Balaria	Vill. Balaria Distt. Udaipur Rajasthan	

**K) Contribution of above Mines in 2011-12 :**

<b>Quantity (Th. Tonnes)</b>	8042
<b>Percentage share to all India Production</b>	100

## LIME KANKAR

**Items** : **Reserves** **Remaining Resources** **Total**  
**A) Total Resources 1-4-2010** : N.A. N.A. N.A.

**Life Index (Years)** : (Included in Limestone)

**B) Mining Leases as on 31-3-2011** : **No. of Leases** **Lease Area**  
 (Area in Hectares) 19 648.17

**C) Mines Reporting Production** :

	No. of Mines		Production (Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(p)</sup>
<b>INDIA</b>	2	4	383817	311218
<b>Private Sector</b>	2	4	383817	311218
<b>Captive</b>	1	2	383202	310388
<b>Non-captive</b>	1	2	615	830
<b>'A' Category</b>	-	1	-	76914
<b>'B' Category</b>	2	3	383817	234304
<b>STATES</b>				
Andhra Pradesh	1	2	615	830
Tamil Nadu	1	2	383202	310388

**D) Production Trend** :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(p)</sup>
<b>Quantity (Tonnes)</b>	336385	434332	335067	383817	311218
<b>Value (Rs. '000)</b>	54294	76167	58754	84903	62847

**E) Closing Stock** : **2007-08** **2008-09** **2009-10** **2010-11** **2011-12<sup>(p)</sup>**  
 Quantity (Tonnes) 117994 114171 128163 133459 184289

**F) Employment** :

**No. of Persons Employed per Day** 21 29  
**Percentage Share of Employment to Total for MCDR Minerals** 0.02 0.02

<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend:**

Exports	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
Imports					
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**I) Exports/Imports by Country in 2011-12:**

Exports	-
Quantity (Tonnes)	-
Value (Rs. Crore)	-
Imports	-
Quantity (Tonnes)	-
Value (Rs. Crore)	-

**J) Lime Kankar Mines in 2011-12 :**

Name of Mine	Location of Mine	Address of Mine Owner
Maravarperungudi-II	Vill. Maravarperungudi, Distt. Virudhunagar, Tamil Nadu.	Madras Cements Ltd., Ramamandiram, Rajapalayam – 626 117. Distt. Virudhunagar, Tamil Nadu.
Maravarperungudi-III	Vill.Suddhamadam & Salukkuvarpatti, Distt. Virudhunagar, Tamil Nadu.	Madras Cements Ltd., Ramamandiram, Rajapalayam – 626 117, Distt. Virudhunagar, Tamil Nadu.
Gobhayam	Vill. Gobhayam, Distt. Vizianagaram, Andhra Pradesh.	D. Kailash Sharma, DFN Area, Shreeram Nagar – 535 101, Distt. Vizianagaram, Andhra Pradesh.
Regati	Vill. Regati, Distt. Vizianagaram, Andhra Pradesh.	D. Kailash Sharma, DFN Area, Shreeram Nagar – 535 101, Distt. Vizianagaram, Andhra Pradesh.

**K) Contribution of above Mines in 2011-12 :**

Quantity (Tonnes)	311218
Percentage Share to All-India Production	100





<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>Quantity (Tonnes)</b>	-	-	-	-	-
<b>Value (Rs. Crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
<b>Imports</b>					
<b>Quantity (Tonnes)</b>	-	-	-	-	-
<b>Value (Rs. Crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**I) Exports/Imports by Country in 2011-12:**

<b>Exports</b>	-
<b>Quantity (Tonnes)</b>	-
<b>Value (Rs. Crore)</b>	-
<b>Imports</b>	-
<b>Quantity (Tonnes)</b>	-
<b>Value (Rs. Crore)</b>	-

**J) Five Principal Lime Shell Mines in 2011-12 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Vembanad Lake 75-H Muhamma	Vill. Muhamma, Distt. Kottayam, Kerala.	Travancore Cement Ltd., (Govt. of Kerala U/T) Nattakom, Kottayam, Kerala.
Goankar Mine (Tadri) (M.L. 2219)	Vill. Tadri, Distt. Uttar Kannada, Karnataka.	Late P. S. Gaonkar, C/o Prakash P. Gaonkar Arya Durga Temple Road, Metakheri, Ankola (Uttar Kannada), Karnataka.
Mannancherry 4.9-H	Vill. Mannancherry, Distt. Alapuzha, Kerala.	Muhamma Clam Marketing Society Ltd., Vill. Thanneermukom South, Taluk: Cherthala, Dist: Alapuzha, Kerala.
Vebanadu Lake	Vill. Vaikom, Distt. Kottayam Kerala	The Vaikom Limeshell Co-Operative Society Ltd. No. 3145, P.O. Pallippurathussery, Vaikom, Distt. Kottayam, Kerala
Kodakani Mine M L No. 2223	Vill. Kodakani Distt. Uttar Kannada Karnataka	S R Shanbag, PO: Kodakani, Kumta, Distt. Uttar Kannada – 581 438, Karnataka.

**K) Contribution of above Mines in 2011-12 :**

<b>Quantity (Tonnes)</b>	33140
<b>Percentage Share to All-India Production</b>	99.7

## LIMESTONE

Items	Reserves	Remaining Resources	Total
<b>A) Total Resources 1-4-2010</b>	14926	170009	184935
(Million Tonnes)			
<b>Life Index (Years)</b>			219
(Includes Lime kankar & Lime shell)			
<b>B) Mining Leases as on 31-3-2011</b>	<b>No. of Leases</b>		<b>Lease Area</b>
(Area in Hectares)	2073		153926.94
<b>C) Mines Reporting production</b>			

	No. of mines		Production ( in Th. Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(p)</sup>
<b>INDIA</b>	<b>592 (1)</b>	<b>659(3)</b>	<b>246336</b>	<b>256669</b>
<b>Public Sector</b>	33	34	15718	15024
<b>Private Sector</b>	559 (1)	625(3)	230618	241645
<b>Captive</b>	268	280	221493	230379
<b>Non-Captive</b>	324 (1)	379(3)	24843	26290
<b>“A” Category</b>	165	180	203988	206903
<b>“B” Category</b>	427(1)	479(3)	42348	49766
<b>STATES</b>				
Andhra Pradesh	82	84(1)	52633	53882
Chhattisgarh	40	49	19241	20124
Gujarat	114(1)	103(1)	22500	24224
Himachal pradesh	23	24	11927	10766
Jharkhand	15	19	1996	2164
Karnataka	66	66	18595	20228
Madhya Pradesh	85	103	33276	32658
Maharashtra	21	19	9905	11330
Meghalaya	9	12	1783	3606
Odisha	11	10(1)	3923	3157
Rajasthan	24	25	44773	47930
Tamil Nadu	90	137	20566	21736
Others	12	8	5218	4864
<b>GRADES</b>				
Cement			234270	240539
Iron & steel			7833	11669
Chemical			3809	4001
Others			424	460

**D) Production Trend :**

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(p)</sup>
<b>Quantity(Th.Tonnes)</b>	193089	221573	232950	246336	256669
<b>Value ( Rs. '000 )</b>	23997880	29219765	32477596	36349567	36529857

<b>E) Closing Stock</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(p)</sup></b>
Quantity (Th. Tonnes)	10974	9118	12372	11843	12389

**F) Employment :**

<b>No. of Persons Employed per Day</b>	20036	23202
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	15.02	17.17

Figures in parentheses indicate associated mines with dolomite and chalk.

<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Th. Tonnes)	150032	159066	160733	191960	190650

**H) Exports/Imports Trend:**

Exports	2007-08	2008-09	2009-10	2010-11	2011-12
<b>Quantity</b> (Th.tonnes)	880	2123	2406	1034830	2691026
<b>Value</b> (Rs. Crore)	60.34	125.54	153.77	68.38	253.79
<b>Percentage Share to the Value of Exports of All Minerals</b>	0.1	0.1	0.1	++	0.1
Imports					
<b>Quantity</b> (Th. Tonnes)	2300	3294	3899	5036	8557
<b>Value</b> (Rs. Crore)	267.77	431.76	619.18	704.33	1189.05
<b>Percentage Share to the Value of Imports of All Minerals</b>	0.1	0.1	0.1	0.1	0.1

**I) Exports/Imports by Country in 2011-12 :**

Exports	Bangladesh	U K	Nepal	Belgium	Bhutan	Others
<b>Quantity</b> (Tonnes)	2450813	19593	123840	11615	15128	70037
<b>Value</b> (Rs. Crore)	189.47	14.90	7.77	7.72	6.41	27.52
Imports	U A E	Oman	Malaysia	Thailand	Vietnam	Others
<b>Quantity</b> (Tonnes)	5470751	1663032	260059	222755	96424	844160
<b>Value</b> (Rs. Crore)	669.88	185.54	85.07	50.19	49.07	149.30

**J) Five Principal Limestone Mines in 2011-12 :**

Name of Mine	Location of Mine	Address of Mine Owner
Nimbetti	Vill. Nimbetti Distt. Pali Rajasthan	Shree Cement Limited, Bangur Nagar Post Box No. 33, Beawar- 305 901, Ajmer, Rajasthan.
AmlI	Vill. AmlI and Malap Distt. Sirohi Rajasthan	Binani Cement Ltd., 706, Om Tower 32, Chowringhee Road, Kolkata - 700 071, West Bengal.
Rajashree	Vill. Adityanagar Distt. Gulbarga Karnataka	Ultra Tech Cement Ltd., 'B' Wing, Ahura Centre, 2 <sup>nd</sup> floor, Mahakali Caves Rd., Andheri (E), Mumbai - 400 093.
Wadi-I	Vill. Wadi Distt. Gulbarga Karnataka	The ACC Ltd., Cement House, 121, Maharshi Karve Road, Mumbai - 400020, Maharashtra.
Tummalapenta	Vill. Tummalapenta Distt. Kurnool Andhra Pradesh	Ultra Tech Cement Ltd., 'B' Wing, Ahura Centre, 2 <sup>nd</sup> floor, Mahakali Caves Rd., Andheri (E), Mumbai - 400 093.

**K) Contribution of above mines in 2011-12**

**Quantity** (Th. Tonnes) 34623

**Percentage share to all India production** 13

## MAGNESITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. Tonnes)	41950	293222	335172
<b>Life Index (Years)</b>	:		Very Large

B) <b>Mining Leases as on 31-3-2011</b> (Area in Hectares)	:	<b>No. of Leases</b> 40	<b>Lease Area</b> 3015.53
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C) **Mines Reporting Production** :

	No. of Mines		Production (Th. Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	<b>10</b>	<b>11</b>	<b>236</b>	<b>218</b>
<b>Public Sector</b>	5	4	150	168
<b>Private Sector</b>	5	7	86	50
<b>Captive</b>	4	3	185	188
<b>Non-captive</b>	6	8	51	30
<b>'A' Category</b>	7	5	216	199
<b>'B' Category</b>	3	6	20	19
<b>STATES</b>				
Karnataka	3	3	12	9
Tamil Nadu	5	6	166	147
Uttarakhand	2	2	58	62

D) **Production Trend** :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Th. tonnes)</b>	253	253	301	236	218
<b>Value (Rs. '000)</b>	334310	363514	435118	378217	340948

E) <b>Closing Stock:</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (Th. tonnes)	116	77	88	75	61

F) **Employment** :

<b>No. of Persons Employed per Day</b>	899	764
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	0.67	0.57

<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Th. Tonnes)	244	246	321	238	241

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>Quantity (Tonnes)</b>	8697	12284	10595	11052	13369
<b>Value (Rs. Crore)</b>	7.92	13.64	14.17	20.39	17.51
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
<b>Imports</b>					
<b>Quantity (Tonnes)</b>	76287	51422	66118	54929	72475
<b>Value (Rs. Crore)</b>	137.87	142.7	205.39	159.03	227.94
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2011-12:**

<b>Exports</b>	<b>S. Africa</b>	<b>U A E</b>	<b>Netherland</b>	<b>Thailand</b>	<b>Baharain Is</b>	<b>Others</b>
<b>Quantity (Tonnes)</b>	1377	1609	890	683	702	8108
<b>Value (Rs. Crore)</b>	2.56	2.24	1.67	1.41	1.23	8.40
<b>Imports</b>	<b>China P Rp</b>	<b>Ireland</b>	<b>Japan</b>	<b>Australia</b>	<b>U S A</b>	<b>Others</b>
<b>Quantity (Tonnes)</b>	32838	22363	6682	2068	840	7684
<b>Value (Rs. Crore)</b>	87.49	78.04	28.36	5.85	4.76	23.44

**J) Five Principal Magnesite Mines in 2011-12 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Arasu	Vill. Thathiengarpatti Distt. Salem Tamil Nadu	Tamil Nadu Magnesite Ltd., Distt. Salem – 636 302, Tamil Nadu.
Jhiroli	Vill. Jhiroli Distt. Bageshwar Uttarakhand	Almora Magnesite Ltd. , P.O. Billori, Distt. Bageshwar, Uttarakhand.
Chettichavadi Jaghri Mines	Vill. Chettichavadi Distt. Salem Tamil Nadu	Dalmia Magnesite Corporation Ltd., Dalmia Cement (Bharat) Ltd., Salem – 636 012, Tamil Nadu.
Dundu	Vill. Dundu Distt. Pithoragarh Uttarakhand	N.B. Minerals Corporation Opp. Bhatt Colony , Nawabi Road, Haldwani Distt: Nainital, Uttarakhand – 263 139.
Sri Ponguru	Vill. Jagir Ammapalayam Distt. Salem Tamil Nadu	S. Sunder Rajan. Gorimedu Periagolapatti, Post- Kannankurchi, Salem – 636 008, Tamil Nadu.

**K) Contribution of above Mines in 2011-12 :**

<b>Quantity (Th. tonnes)</b>	208
<b>Percentage Share to All-India Production</b>	95

## MANGANESE ORE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. Tonnes)	141977	288003	429980
<b>Life Index (Years)</b>	:		99
B) <b>Mining Leases as on 31-3-2011</b> (Area in Hectares)	:	<b>No. of Leases</b> 340	<b>Lease Area</b> 23258.72
C) <b>Mines Reporting Production</b>	:		

	No. of Mines		Production (Th. Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	<b>149 (10)</b>	<b>144 (8)</b>	<b>3056</b>	<b>2349</b>
<b>Public Sector</b>	19 (1)	18(1)	1462	1099
<b>Private Sector</b>	130(9)	126(7)	1594	1250
<b>Captive</b>	7 (2)	7 (2)	351	353
<b>Non-captive</b>	142(8)	137 (6)	2705	1966
<b>'A' Category</b>	27 (2)	27 (3)	2090	1762
<b>'B' Category</b>	122 (8)	117 (5)	966	587
<b>STATES</b>				
Andhra Pradesh	38	36	291	322
Karnataka	21(1)	19	413	136
Madhya Pradesh	29(2)	35 (1)	716	648
Maharashtra	20	19	673	650
Odisha	32 (5)	28(5)	656	566
Others	9(2)	7(2)	307	27
<b>GRADES</b>				
MnO <sub>2</sub>			48	43
Above 46% Mn			284	269
35-46% Mn			615	590
25-35% Mn			1510	1256
Below 25% Mn			599	191

**D) Production Trend :**

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Th. Tonnes)</b>	2697	2789	2492	3056	2349
<b>Value (Rs. '000)</b>	12060370	17737032	11905233	14684000	11712864

**E) Closing Stock :**

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
Quantity (Th. Tonnes)	375	827	625	859	863

**F) Employment :**

<b>No. of Persons Employed per Day</b>	14117	13928
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	10.58	10.31

Figures in parentheses indicate additional mines associated with iron ore, quartz, laterite and limestone.

<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Th. Tonnes)	2314	2496	2626	2916	3478

**H) Exports/Imports Trend:**

Exports	2007-08	2008-09	2009-10	2010-11	2011-12
<b>Quantity</b> (Th. Tonnes)	208	205	289	99	75
<b>Value</b> (Rs. Crore)	83.39	120.61	116.7	80.32	44.23
<b>Percentage Share to the Value of Exports of All Minerals</b>	0.1	0.1	0.1	++	++
Imports					
<b>Quantity</b> (Th. Tonnes)	686	852	798	1300	1961
<b>Value</b> (Rs. Crore)	631.19	1981.86	747.09	1781.35	2063.27
<b>Percentage Share to the Value of Imports of All Minerals</b>	0.2	0.4	0.1	0.3	0.2

**I) Exports/Imports by Country in 2011-12 :**

Exports	China P Rp	Bhutan	Nepal	Italy	Japan	Others
<b>Quantity</b> (Tonnes)	71054	2968	982	50	86	43
<b>Value</b> (Rs. Crore)	37.02	4.50	2.28	0.24	0.11	0.08
Imports	South Africa	Australia	Gabon	Brazil	China P Rp	Others
<b>Quantity</b> (Tonnes)	935987	568498	172879	70404	52253	161375
<b>Value</b> (Rs. Crore)	853.52	644.68	220.82	80.69	63.68	199.88

**J) Five Principal Manganese Ore Mines in 2011-12 :**

Name of Mine	Location of Mine	Address of Mine Owner
Dongribuzurg	Vill. Balapur Hameshai Distt. Bhandra Maharashtra	Manganese Ore (India)Ltd., MOIL BHAVAN, 1 A – Katol Road, Chhaoni, Nagpur – 440 013, Maharashtra
Balaghat	Vill. Bharweli Distt. Balaghat Madhya Pradesh	Manganese Ore (India) Ltd. MOIL BHAVAN, 1 A, Katol Road, Chhaoni, Nagpur – 440 013, Maharashtra.
Chikla	Vill. Sitasongi Distt. Bhandara Maharashtra	Manganese Ore (India) Ltd., MOIL BHAVAN, 1 A – Katol Road, Chhaoni, Nagpur – 440 013, Maharashtra
Siljora Kalamati	Vill. Siljora Distt. Keonjhar Odisha	Mangilall Rungta Main Road Barbil, Distt. Keonjhar – 758 035, Odisha.
Joda West	Vill. Bichakundi Distt. Keonjhar Odisha	Tata Steel Ltd. Bombay House, 24 Homi Modi Street Fort, Mumbai – 400 001, Maharashtra.

**K) Contribution of above Mines in 2011-12 :**

<b>Quantity</b> (Th. Tonnes)	969
<b>Percentage Share to All-India Production</b>	41



# MARL

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. Tonnes)	: 139976	11705	151681
<b>Life Index (Years)</b>	:		34

B) <b>Mining Leases as on 31-3-2011</b> (Area in Hectares)	:	<b>No. of Leases</b> 8	<b>Lease Area</b> 1729.08
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C) **Mines Reporting Production** :

	No. of Mines		Production (Th. Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(p)</sup>
<b>INDIA</b>	(11)	(11)	4399	4144
<b>Private Sector</b>	(11)	(11)	4399	4144
<b>Captive</b>	(11)	(11)	4399	4144
<b>'A' Category</b>	(10)	(10)	4300	4092
<b>'B' Category</b>	(1)	(1)	99	52
<b>STATES</b>				
Gujarat	(6)	(6)	3739	3920
Tamil Nadu	(5)	(5)	660	224

D) **Production Trend** :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(p)</sup>
<b>Quantity</b> ( Th. Tonnes)	4156	4167	5908	4399	4144
<b>Value</b> ( Rs. '000 )	173453	193919	381599	307556	269024

E) <b>Closing Stock:</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(p)</sup></b>
Quantity (Th. Tonnes)	42	333	570	415	389

F) **Employment** :

<b>No. of Persons Employed per Day*</b>	-	-
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	-	-

Figures in parentheses indicate mines associated with limestone.  
\* Associated with limestone.

<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>Quantity</b> (Th. Tonnes)	-	-	-	-	-
<b>Value</b> (Rs. Crore)	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
<b>Imports</b>					
<b>Quantity</b> (Th. Tonnes)	-	-	-	-	-
<b>Value</b> (Rs. Crore)	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**I) Exports/Imports by Country in 2011-12:**

<b>Exports</b>	
<b>Quantity</b> (Tonnes)	-
<b>Value</b> (Rs. Crore)	-
<b>Imports</b>	
<b>Quantity</b> (Th. Tonnes)	-
<b>Value</b> (Rs. Crore)	-

**J) Five Principal Marl Mines in 2011-12:**

<b>Name</b>	<b>Location of Mine</b>	<b>Name &amp; address of Mine owner</b>
Kovaya *	Village- Kovaya District -Amreli Gujarat	Ultratech Cement Ltd. 'B' Wing, 2 <sup>nd</sup> floor, Ahura Center, Mahakali Caves Road, Andheri (E), Mumbai- 400 093
Narmada *	Village- Babarkot District -Amreli Gujarat	Ultratech Cement Ltd. 'B' Wing, 2 <sup>nd</sup> floor, Ahura Center, Mahakali Caves Road, Andheri (E), Mumbai- 400 093
Sidhee *	Village- Prashnavada-Morasa District- Junagadh Gujarat	Gujarat Sidhee Cement Ltd., Sidheegram-362 276, Veraval- Kodinar Highway, Tal.- Sutrapada, Dist.- Junagadh, Gujarat
Adityana *	Village- Adityana Dist.- Porbandar Gujarat	Saurashtra Cement Ltd., Near Railway Station , Ranavav-360 560, District- Porbandar, Gujarat
Solaj *	Village- Solaj District- Junagadh Gujarat	Ambuja Cements Limited P.O. Ambujanagar- 362 715, Tal.- Kodinar, Dist.- Junagadh, Gujarat

**K) Contribution of above mines in 2011-12**

**Quantity** (Th. Tonnes) 3585

**Percentage share to all India production** 87

\* Associated with limestone.

# MICA

<b>A) Total Resources 1-4-2010</b>	:	<b>Reserves</b>	<b>Remaining Resources</b>	<b>Total</b>
(Tonnes)		190741	341496	532237
<b>Life Index (Years)</b>	:			277
<b>B) Mining Leases as on 31-3-2011</b>	:	<b>No. of Leases</b>		<b>Lease Area</b>
(Area in Hectares)		311		7511.74
<b>C) Mines Reporting Production</b>	:			

	No. of Mines		Production (Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	<b>32 (4)</b>	<b>34 (12)</b>		
Crude			1333	1807
Waste & Scrap			7311	13690
<b>Private Sector</b>	32 (4)	34 (12)		
Crude			1333	1807
Waste & Scrap			7311	13690
<b>Non-captive</b>	32 (4)	34 (12)		
Crude			1333	1807
Waste & Scrap			7311	13690
<b>'A' Category</b>	3	2		
Crude			316	228
Waste & Scrap			929	745
<b>'B' Category</b>	29 (4)	32 (12)		
Crude			1017	1579
Waste & Scrap			6382	12945
<b>STATES</b>				
<b>Andhra Pradesh</b>	28(1)	28 (2)		
Crude			1317	1694
Waste & Scrap			4648	6918
<b>Bihar</b>	1	1		
Crude	-	-	-	-
Waste & Scrap			1459	4632
<b>Rajasthan</b>	3 (3)	5(10)		
Crude			16	113
Waste & Scrap			1204	2140

<b>D) Production Trend</b>	:					
	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>	
<b>Quantity (Tonnes)</b>						
Crude	4578	1462	1061	1333	1807	
Waste & Scrap	3505	5685	8098	7311	13690	
<b>Value (Rs.'000)</b>						
Crude	160645	42728	39940	44505	61934	

<b>E) Closing Stock</b>	:	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
<b>Quantity (Crude) (Tonnes)</b>		1464	341	245	425	465
<b>F) Employment</b>	:					
<b>No. of Persons Employed per Day</b>				405	436	
<b>Percentage Share of Employment to Total for MCDR Minerals</b>				0.30	0.32	

Figures in paranthesis indicate associated mines.

<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>Quantity (Tonnes)</b>	99888	191034	94216	126554	131777
<b>Value (Rs. Crore)</b>	125.34	180.29	162.05	225.87	288.71
<b>Percentage Share to the Value of Exports of All Minerals</b>	0.1	0.2	0.1	0.1	0.2
<b>Imports</b>					
<b>Quantity (Tonnes)</b>	2645	2323	1661	1687	2458
<b>Value (Rs. Crore)</b>	33.6	42.49	42.27	41.15	59.98
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2011-12:**

<b>Exports</b>	<b>China P Rp</b>	<b>Japan</b>	<b>Belgium</b>	<b>U S A</b>	<b>France</b>	<b>Others</b>
<b>Quantity (Tonnes)</b>	71309	5849	10226	6244	2221	35928
<b>Value (Rs. Crore)</b>	126.80	32.44	23.04	21.75	9.13	75.55
<b>Imports</b>	<b>Switzerland</b>	<b>China P Rp</b>	<b>Austria</b>	<b>Germany</b>	<b>Japan</b>	<b>Others</b>
<b>Quantity (Tonnes)</b>	269	849	180	110	81	969
<b>Value (Rs. Crore)</b>	15.75	11.93	11.08	4.26	2.59	14.37

**J) Five Principal Mica Mines in 2011-12 :**

<b>Name Of Mine</b>	<b>Location Of Mine</b>	<b>Address Of Mine Owner</b>
Sri Sai Mica Mine	Vill. Ananthamadugu Distt. Nellore Andhra Pradesh	Dwarakanad M. Reddy & 7 Others 1-C, Vaibhav Apartment, Magunta Layout, Distt. Nellore, Andhra Pradesh
Hanuman Mica Mine	Vill. Inukurthy Distt. Nellore Andhra Pradesh	S. V. Mahendra Reddy, Mudigedu, Inukurthy, Distt. Nellore, Andhra Pradesh
Sri Lakshmi Sai Durga Mine	Vill. Jabalapuram Distt. Nellore Andhra Pradesh	Sri Lakshmi Sai Durga Mining Co., 24/1622, Dargamitta, Distt. Nellore, Andhra Pradesh
Mahanth	Vill. Kalichedu , Dist. Nellore Andhra Pradesh	Smt. C. Leenaja Reddy, Managing Partner Plot No. 7, D. No. 8 ,1 <sup>st</sup> Main Road, Kasturbha Nagar, Chennai, Tamil Nadu
Sri Rajeshwari	Vill. Talupur Distt. Nellore Andhra Pradesh	Dwarakanad M. Reddy & 7 Others 1-C, Vaibhav Apartment, Magunta Layout Distt. Nellore, Andhra Pradesh

**K) Contribution of above Mines in 2011-12 :**

<b>Quantity (Crude) (Tonnes)</b>	1221
<b>Percentage Share to All-India Production</b>	68

## OCHRE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. Tonnes)	54942	89319	144261
<b>Life Index (Years)</b>			84
B) <b>Mining Leases as on 31-3-2011</b> (Area in Hectares)	<b>No. of Leases</b> 158		<b>Lease Area</b> 3405.40

C) **Mines Reporting Production** :

	No. of Mines		Production (Th. Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	<b>30 (14)</b>	<b>35 (17)</b>	<b>1218</b>	<b>1353</b>
<b>Private Sector</b>	30 (14)	35 (17)	1218	1353
<b>Captive</b>	-	(1)	-	2
<b>Non-captive</b>	30 (14)	35 (16)	1218	1351
<b>'A' Category</b>	(2)	(2)	451	405
<b>'B' Category</b>	30 (12)	35 (15)	767	948
<b>STATES</b>				
Andhra Pradesh	3 (2)	5 (3)	39	48
Madhya Pradesh	13(1)	13 (2)	45	35
Rajasthan	11(8)	16(11)	1096	1264
Others	3(3)	1(1)	38	6

D) **Production Trend** :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Th.Tonnes)</b>	1233	766	1258	1218	1353
<b>Value (Rs.'000)</b>	203900	70694	226881	240374	217588

E) <b>Closing Stock</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (Th.Tonnes)	176	112	163	191	406

F) <b>Employment</b>		
<b>No. of Persons Employed per Day</b>	402	434
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	0.30	0.32

Figures in paranthesis indicate additional mines associated with bauxite, iron ore, ball clay, fireclay, kaolin, laterite, limestone and silica sand.

<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Th. Tonnes)	590	450	297	383	410

**H) Exports/Imports Trend:**

<b>Exports (Red Oxide)</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>Quantity (Tonnes)</b>	6035	12828	8661	9275	7741
<b>Value (Rs. Crore)</b>	10.72	13.33	10.2	11.55	12.64
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
<b>Imports (Red Oxide)</b>					
<b>Quantity (Tonnes)</b>	1768	1643	2378	1324	1359
<b>Value (Rs. Crore)</b>	6.83	11.05	12.35	14.10	6.63
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2011-12 :**

<b>Exports (Red Oxide)</b>	<b>Pakistan</b>	<b>Saudi Arab</b>	<b>Philippines</b>	<b>U A E</b>	<b>Italy</b>	<b>Others</b>
<b>Quantity (Tonnes)</b>	21	1367	1873	710	79	3691
<b>Value (Rs. Crore)</b>	2.02	1.60	1.35	0.96	0.60	6.11
<b>Imports (Red Oxide)</b>	<b>China P Rp</b>	<b>U S A</b>	<b>Germany</b>	<b>Thailand</b>	<b>Philippines</b>	<b>Others</b>
<b>Quantity (Tonnes)</b>	548	403	113	39	6	250
<b>Value (Rs. Crore)</b>	1.85	1.60	0.94	0.49	0.30	1.45

**J) Five Principal Ochre Mines in 2011-12 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Banesti II* M.L. 2/85	Vill. Banesti Distt. Chitorgarh Rajasthan	Mohd. Sher Khan, Vill. Banesti, P.O.Sawa – 312 613. Distt. Chittorgarh – 312 613, Rajasthan.
Pagara*	Vill. Pagara Distt. Chitorgarh Rajasthan	Sh. Sajid Ali, New Abadi, Kannoj Road, Post- Sawa, Distt. Chittorgarh – 312 613, Rajasthan.
Banesti IV (50.37Ha)	Vill. Banesti Distt. Chitorgarh Rajasthan	Mohd. Saeed Khan., S/o Mohd. Sher Khan, Vill- Banesti, PO- Sawa Distt. Chittorgarh – 312 613, Rajasthan.
Bambora (33.75 Ha)	Vill. Bambora Distt. Pratapgarh Rajasthan	Mohd. Saeed Khan , Kailash Nagar, P.O. Nimbahera – 312 601 Distt. Chittorgarh, Rajasthan
Bambora (M.L. 6/2004)	Vill. Bambora Distt. Pratapgarh Rajasthan	Piyush Sarda, Near Novelty Cinema, P.O. Nimbahera – 312 601 Distt. Chittorgarh, Rajasthan

**K) Contribution of above Mines in 2011-12 :**

<b>Quantity (Th.Tonnes)</b>	880
<b>Percentage Share to All-India Production</b>	65

\*Associated with Kaolin/Laterite.

## PERLITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. Tonnes)	428	1978	2406
<b>Life Index (Years)</b>			N.E.
B) <b>Mining Leases as on 31-3-2011</b> (Area in Hectares)	<b>No. of Leases</b>		<b>Lease Area</b>
	1		144.88

C) **Mines Reporting Production** :

	No. of Mines		Production (Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	-	-	-	-
<b>Private Sector</b>	-	-	-	-
<b>Non-captive</b>	-	-	-	-
<b>'B' Category</b>	-	-	-	-
<b>STATE</b>				
Gujarat	-	-	-	-

D) **Production Trend** :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Tonnes)</b>	-	176	-	-	-
<b>Value (Rs. '000)</b>	-	176	-	-	-

E) <b>Closing Stock</b>	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
Quantity (Tonnes)	5	17	NA	NA	NA

F) <b>Employment</b>		
No. of Persons Employed per Day	-	-
Percentage Share of Employment to Total for MCDR Minerals	-	-

<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>Quantity (Tonnes)</b>	-	-	-	-	-
<b>Value (Rs. Crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
<b>Imports</b>					
<b>Quantity (Tonnes)</b>	-	-	-	-	-
<b>Value (Rs. Crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**I) Exports/Imports by Country in 2011-12:**

<b>Exports</b>	-
<b>Quantity (Tonnes)</b>	-
<b>Value (Rs. Crore)</b>	-
<b>Imports</b>	-
<b>Quantity (Tonnes)</b>	-
<b>Value (Rs. Crore)</b>	-

**J) Perlite Mine in 2011-12** -

**K) Contribution of above mine in 2011-12**

**Quantity (Tonnes)** -

**Percentage Share to All-India Production** -



## PHOSPHORITE/ROCK PHOSPHATE

<b>Items</b>		<b>Reserves</b>	<b>Remaining Resources</b>	<b>Total</b>
A) <b>Total Resources 1-4-2010</b> (Th. Tonnes)	:	34778	261506	296284
<b>Life Index (Years)</b>		49	:	
B) <b>Mining Leases as on 31-3-2011</b> (Area in Hectares)	:	<b>No. of Leases</b>		<b>Lease Area</b>
		12		2750.76
C) <b>Mines Reporting Production</b>	:			

	No. of Mines		Production (Th. Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(p)</sup>
<b>INDIA</b>	7	5	2097	2327
<b>Public Sector</b>	7	5	2097	2327
<b>Captive</b>	1	1	122	180
<b>Non Captive</b>	6	4	1975	2147
<b>'A' Category</b>	4	3	2023	2193
<b>'B' Category</b>	3	2	74	134
<b>STATES</b>				
Madhya Pradesh	5	3	133	244
Rajasthan	2	2	1964	2083
<b>GRADES</b>				
30-35% P <sub>2</sub> O <sub>5</sub>			922	1212
25-30%			139	129
20-25%			22	31
15-20%			1014	955

**D) Production Trend :**

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(p)</sup>
<b>Quantity (Th. Tonnes)</b>	1849	1804	1605	2097	2327
<b>Value (Rs.'000)</b>	2125681	3087617	3103095	5014699	6429734

E) <b>Closing Stock</b>	:	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(p)</sup></b>
Quantity (Th. Tonnes)		964	355	449	705	684

**F) Employment :**

<b>No. of Persons Employed per Day</b>		1554	1517
<b>Percentage Share of Employment to Total for MCDR Minerals</b>		1.16	1.12



## PYRITES

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Million Tonnes)	-	1674	1674

**Life Index (Years)** : N.E.

B) <b>Mining Leases as on 31-3-2011</b> (Area in Hectares)	No. of Leases	Lease Area
	1	647.50

C) **Mines Reporting Production** :

	No. of Mines		Production (Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	-	-	-	-
<b>Public Sector</b>	-	-	-	-
<b>Captive</b>	-	-	-	-
<b>'A' Category</b>	-	-	-	-
<b>STATE</b>				
Bihar	-	-	-	-

D) **Production Trend** :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Tonnes)</b>	-	-	-	-	-
<b>Value (Rs. '000)</b>	-	-	-	-	-

E) <b>Closing Stock</b>	:	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (Tonnes)		NA	N.A.	N.A.	N.A.	N.A.

F) **Employment** :

<b>No. of Persons Employed per Day</b>	-	-
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	-	-

<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>Quantity (Tonnes)</b>	-	-	-	-	-
<b>Value (Rs. Crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
<b>Imports</b>					
<b>Quantity (Tonnes)</b>	-	-	-	-	-
<b>Value (Rs. Crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**I) Exports/Imports by Country in 2011-12 :**

<b>Exports</b>	
<b>Quantity (Tonnes)</b>	-
<b>Value (Rs. Crore)</b>	-
<b>Imports</b>	
<b>Quantity (Tonnes)</b>	-
<b>Value (Rs. Crore)</b>	-

**J) Pyrites Mine in 2011-12:** -

**K) Contribution of above Mine in 2011-12:**

**Quantity (Tonnes)** -

**Percentage Share to All-India Production** -

## PYROPHYLLITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. Tonnes)	23276	32807	56083
<b>Life Index (Years)</b>	:		190
B) <b>Mining Leases as on 31-3-2011</b> (Area in Hectares)	:	<b>No. of Leases</b> 97	<b>Lease Area</b> 2259.98
C) <b>Mines Reporting Production</b>	:		

	No. of Mines		Production (Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(p)</sup>
<b>INDIA</b>	<b>30(4)</b>	<b>33(2)</b>	<b>240082</b>	<b>239811</b>
<b>Public sector</b>	1 (3)	1 (2)	10477	1189
<b>Private Sector</b>	29 (1)	32	229605	238622
<b>Captive</b>	6	6	34522	38834
<b>Non- Captive</b>	24(4)	27(2)	205560	200977
<b>'A' Category</b>	(1)	(1)	455	975
<b>'B' Category</b>	30(3)	33(1)	239627	238836
<b>STATES</b>				
Madhya Pradesh	20	20	207521	209421
Maharashtra	(4)	(2)	1485	1054
Uttar Pradesh	10	13	31076	29336

### D) Production Trend:

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(p)</sup>
<b>Quantity (Tonnes)</b>	203707	255699	240747	240082	239811
<b>Value (Rs.'000)</b>	43381	55831	60425	83123	72720

E) <b>Closing Stock:</b>	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(p)</sup>
Quantity (Tonnes)	72124	124100	119795	81014	88027

### F) Employment:

<b>No. of Persons Employment per Day</b>	1324	1243
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	0.99	0.92

Figures in parentheses indicate additional Mines associated with Sillimanite and Kyanite.

<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Tonnes)	25300	25300	7200	7400	8000

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>Quantity (Tonnes)</b>	-	-	-	-	-
<b>Value (Rs. Crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
<b>Imports</b>					
<b>Quantity (Tonnes)</b>	-	-	-	-	-
<b>Value (Rs. Crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**I) Exports/Imports by Country in 2011-12:**

<b>Exports</b>	
<b>Quantity (Tonnes)</b>	-
<b>Value (Rs. Crore)</b>	-
<b>Imports</b>	
<b>Quantity (Tonnes)</b>	-
<b>Value (Rs. Crore)</b>	-

**J) Five Principal Pyrophyllite Mines in 2011-12:**

<b>Name of Mines</b>	<b>Location of Mines</b>	<b>Address of Mines Owner</b>
Patan	Vill. Patan Distt.-Chhatarpur Madhya Pradesh	Khujraho Minerals Post Box No.- 25, Chhatarpur, Distt. Chhatarpur, Madhya Pradesh – 471 001.
Sarkana	Vill. Sarkana Distt. Chhatarpur Madhya Pradesh	Jindutt Minerals (P) Ltd. Post Box No.- 27, Tahsil- Chhatarpur, Distt. Chhatarpur, Madhya Pradesh – 471 001.
Khera Majora	Vill. Khera Majora Distt. Chhatarpur Madhya Pradesh	Khujraho Minerals Post Box No.- 25, Chhatarpur, Distt. Chhatarpur, Madhya Pradesh – 471 001.
Khurai	Vill. Khurai Distt. Shivpuri Madhya Pradesh	The Ishwar Mining & Industrial Corpn. Pvt. Ltd. 'Charan Kamal' 7, Ishwar Nagar, Mathura Road, New Delhi – 110 065.
Silon Salaiya	Vill. Silon Salaiya Distt. Chhatarpur Madhya Pradesh	Khujraho Minerals Post Box No.- 25, Chhatarpur, Distt. Chhatarpur, Madhya Pradesh – 471 001.

**K) Contribution of above Mines in 2011-12:**

<b>Quantity (tonnes)</b>	174072
<b>Percentage Share to All- India Production</b>	73

## PYROXENITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b>	:	N.A.	N.A.

**Life Index (Years)** : (Included in Dunite)

B) <b>Mining Leases as on 31-3-2011</b>	:	<b>No. of Leases</b>	<b>Lease Area</b>
(Area in Hectares)		10	90.84

C) **Mines Reporting Production** :

	No. of Mines		Production (Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	<b>3 (1)</b>	<b>3 (1)</b>	<b>253205</b>	<b>87310</b>
<b>Private Sector</b>	3 (1)	3 (1)	253205	87310
<b>Non-captive</b>	3	3	54986	62747
<b>Captive</b>	(1)	(1)	198219	24563
<b>'A' Category</b>	(1)	(1)	198219	24563
<b>'B' Category</b>	3	3	54986	62747
<b>STATES</b>				
Jharkhand	3	3	54986	62747
Orissa	(1)	(1)	198219	24563

D) **Production Trend** :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Tonnes)</b>	289321	281785	279332	253205	87310
<b>Value (Rs.'000)</b>	90746	139143	152371	126179	29150

E) <b>Closing Stock</b>	:	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (Tonnes)		21672	26751	28767	19066	8365

F) **Employment** :

<b>No. of Persons Employed per Day</b>	127	137
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	0.10	0.10

Figures in parentheses indicate additional mine associated with chromite.

<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
<b>Imports</b>					
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**I) Exports/Imports by Country in 2011-12 :**

<b>Exports</b>	
Quantity (Tonnes)	-
Value (Rs. Crore)	-
<b>Imports</b>	
Quantity (Tonnes)	-
Value (Rs. Crore)	-

**J) Pyroxenite Mines in 2011-12 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Sukinda Chromite Mine*	Vill. Bhimtanagar Distt. Jajpur Odisha	Tata Steel Ltd. 24, Homi Modi Street Fort, Mumbai – 400 001, Maharashtra.
Gamarkocha	Vill. Gamarkocha Distt. Singhbhum (E) Jharkhand	Bishnu Chandra Choudhary 31/C, 1 <sup>st</sup> Phase, Industrial Area, Adityapur, Jamshedpur – 832 109, Jharkhand.
Gamarkocha	Vill. Gamarkocha Distt. Singhbhum (E) Jharkhand	Khirod Mundi Gamarkocha, P.O. Manpur Distt. Singhbhum (E) – 831 002, Jharkhand.
Matku	Vill. Matku Distt. Singhbhum (E) Jharkhand	Pravat Kumar Aditya Deo At-Chagarh, P.O. Patkum Distt. Seraikela-Kharswan, Jharkhand.

**K) Contribution of above Mines in 2011-12 :**

<b>Quantity (Tonnes)</b>	87310
<b>Percentage Share to All-India Production</b>	100

\* Associated with Chromite.



# QUARTZ

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> :	429	3070	3499
Quartz & Silica Sand (Million Tonnes)			

**Life Index** (Years)(incl.d.silica sand) : 359

B) <b>Mining Leases as on 31-3-2011</b> :	<b>No. of Leases</b>	<b>Lease Area</b>
(Area in Hectares)	1892	16696.91

C) **Mines Reporting Production** :

	No. of Mines		Production (Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	<b>100(56)</b>	<b>153(72)</b>	<b>497546</b>	<b>520146</b>
<b>Public Sector</b>	2(2)	4(1)	12264	14430
<b>Private Sector</b>	98(54)	149(71)	485282	505716
<b>Captive</b>	2	2	22700	16575
<b>Non-captive</b>	98(56)	151(72)	474846	503571
<b>'A' Category</b>	(1)	-	1061	-
<b>'B' Category</b>	100(55)	153(72)	496485	520146
<b>STATES</b>				
Andhra Pradesh	32(14)	39(17)	214626	239325
Gujarat	5	5	37540	33061
Jharkhand	9 (3)	9 (3)	61665	87221
Maharashtra	4(1)	4(1)	10505	30694
Odisha	1	1	11414	6241
Rajasthan	32(35)	47(50)	133797	91953
Tamil Nadu	11(1)	38 (1)	8674	14423
West Bengal	3	4	16906	16062
Others	3(2)	6	2419	1166

D) **Production Trend** :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity</b> (Tonnes)	315281	430734	528066	497546	520146
<b>Value</b> (Rs.'000)	53721	75564	95759	112108	117074

E) <b>Closing Stock</b> :	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (Th. Tonnes)	122	206	247	346	359

F) **Employment** :

<b>No. of Persons Employed per Day</b>	1075	1611
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	0.81	1.19

Figures in parentheses indicate additional mines associated with asbestos, dolomite, feldspar, kaolin, kyanite, manganese ore and mica.

<b>G) Domestic Consumption Trend:</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
Quantity (Th. Tonnes) (Quartz and Silica Sand)	1495	1462	1458	1452	1453

**H) Exports/Imports Trend:**

Exports (Quartz (Natural))	2007-08	2008-09	2009-10	2010-11	2011-12
<b>Quantity</b> (Th. Tonnes)	115	149	202	173	180
<b>Value</b> (Rs. Crore)	40.26	62.96	83.12	93.40	120.08
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	0.1	0.1	0.1	0.1
Imports (Quartz (Natural))					
<b>Quantity</b> (Tonnes)	246	285	486	412	506
<b>Value</b> (Rs. Crore)	0.43	0.91	.078	0.62	0.87
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2011-12 :**

Exports	Japan	Malaysia	Vietnam	U A E	Bhutan	Others
<b>Quantity</b> (Tonnes)	35596	10300	12644	24521	17860	78884
<b>Value</b> (Rs. Crore)	47.35	9.82	8.93	8.56	7.46	37.96
Imports	Sri Lanka	Germany	U S A	U K	Belgium	Others
<b>Quantity</b> (Tonnes)	450	20	11	10	8	7
<b>Value</b> (Rs. Crore)	0.62	0.10	0.06	0.05	0.02	0.02

**J) Five Principal Quartz Mines in 2011-12 :**

Name of Mine	Location of Mine	Address of Mine Owner
Chellala Chelimala	Vill. Chellala Chelimala Distt. Kurnool Andhra Pradesh	P.V. Ramana Reddy, c/o Sri R. Ramana Reddy, Sundar Singh Colony, Dhone, Kurnool – 518 222. Andhra Pradesh
Balanagar*	Vill. Balanagar Distt. Mahaboobnagar Andhra Pradesh	Sibelco India Minerals Pvt. Ltd. No. 8-2-293/K/311-312, Sriman Chambers, Kamalapuri Colony, Phase-3, Hyderabad – 500 073. Andhra Pradesh
Kabra	Vill. Kabra Distt. Tonk Rajasthan	Bijendra Kumar Goyal, C/o Shree B.S. Mining Co., Opposite Jyoti Petrol Pump, Road No.1, VKI area Jaipur – 302 013, Rajasthan.
Dolphin*	Vill. Sankireddypalli Distt. Mahaboobnagar Andhra Pradesh	Dolphin Feldspar Pvt. Ltd 6-3-1239/2/A, Kotis Court, 4 <sup>th</sup> floor, Rajbhavan Road, Somajiguda – 500 082. Andhra Pradesh
Venkataropet	Vill. Venkataropet Distt. Mahaboobnagar Andhra Pradesh	Sibelco India Minerals Pvt. Ltd. No. 2-293/K/311-312, Sriman Chambers, Kamalapuri Colony, Phase-3, Hyderabad – 500 073. Andhra Pradesh

**K) Contribution of above Mines in 2011-12 :**

<b>Quantity</b> (Tonnes)	131307
<b>Percentage Share to All-India Production</b>	25

\* Associated mines with felspar.

## QUARTZITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Million Tonnes)	87	1165	1251
<b>Life Index</b> (Years)	:		Very Large
B) <b>Mining Leases as on 31-3-2011</b> (Area in Hectares)	:	<b>No. of Leases</b> 88	<b>Lease Area</b> 2016.35

C) **Mines Reporting Production** :

	No. of Mines		Production (Th. tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	<b>13(1)</b>	<b>15(2)</b>	<b>118</b>	<b>181</b>
<b>Private Sector</b>	13(1)	15(2)	118	181
<b>Captive</b>	-	2(1)	-	17
<b>Non-captive</b>	13(1)	13(1)	118	164
<b>'B' Category</b>	13(1)	15(2)	118	181
<b>STATES</b>				
Andhra Pradesh	4	3	8	62
Bihar	3	3	63	36
Chhatisgarh	1	3	++	16
Jharkhand	1	2	25	45
Karnataka	1	1	11	10
Maharashtra	(1)	(1)	2	2
Odisha	2	2(1)	5	3
Rajasthan	1	1	4	7

D) **Production Trend** :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity</b> (Th. tonnes)	96	97	113	118	181
<b>Value</b> (Rs.'000)	37665	31459	37377	45750	91790

E) <b>Closing Stock</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (Th. tonnes)	22	32	44	28	50

F) **Employment** :

<b>No. of Persons Employed per Day</b>	226	453
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	0.17	0.34

Figures in parentheses indicate associated mines.

<b>G) Domestic Consumption Trend</b>	:	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Th. Tonnes)		227	259	274	279	273

**H) Exports/Imports Trend :**

Exports (Quartzite (Natural))	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Th. Tonnes)	46	37	54	38	35
Value (Rs. Crore)	23.6	23.01	26.15	28.58	31.31
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
Imports (Quartzite (Natural))					
Quantity (Tonnes)	66	41	337	84	72
Value (Rs. Crore)	0.54	0.07	0.42	0.25	0.24
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2011-12:**

Exports	Japan	Israel	Vietnam	Italy	Germany	Others
Quantity (Tonnes)	9256	4684	3068	2513	1896	13747
Value (Rs. Crore)	7.63	4.75	2.67	2.64	2.00	11.62
Imports	China P Rp	Italy	Korea Rp	Nepal	Rwanda	Others
Quantity (Tonnes)	54	17	1	++	++	++
Value (Rs. Crore)	0.16	0.07	0.01	++	++	++

**J) Five Principal Quartzite Mines in 2011-12 :**

Name of Mine	Location of Mine	Address of Mine Owner
Gottivalasa	Vill. Gottivalasa Distt. Vizianagaram Andhra Pradesh	Dinesh Das & Sons mines & Steel (P) Ltd. Post: Bahalda, Bahalda Road Distt: Mayurbhanj, Odisha
Kedro Quartzite Mine	Vill. Kedro Distt. Singhbhum East Jharkhand	Bharat Mining Company, Post: Sunder Nagar, Distt: Singhbhum East, Jharkhand.
Damudih	Vill. Damudih Distt. Singhbhum East Jharkhand	Douglas Dias No.26, D'Costa Mansion, Main Road, Bistupur, Distt: Singhbhum (E), Jharkhand.
Mirzapur	Vill. Bardha Distt. Munger Bihar	Khalsa Stone Works, Albert Road, Jamalpur, Munger, Bihar – 811 214.
Salimpur	Vill. Salimpur Distt. Munger Bihar	Sunrise Stone Works At: Sujawalpur, Post: Shankarpur, Distt: Munger, Bihar

**K) Contribution of above Mines in 2011-12 :**

Quantity (Th. tonnes)	125
Percentage Share to All-India Production	69

# RUBY

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Kg.)	236	5112	5348
<b>Life Index (Years)</b>			N.E.

B) <b>Mining Leases as on 31-3-2011</b> (Area in Hectares)	No. of Leases	Lease Area
	1	4.07

C) **Mines Reporting Production** :

	No. of Mines		Production (kg.)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	----- No Production reported -----			
<b>Public Sector</b>	- do -			
<b>Non-Captive</b>	- do -			
<b>'B' Category</b>	- do -			
<b>STATE</b>				
Odisha	- do -			

D) **Production Trend** :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (kg.)</b>	-	-	-	-	-
<b>Value (Rs.'000)</b>	-	-	-	-	-

E) <b>Closing Stock</b>	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
Quantity (kg.)	-	-	-	-	-

F) <b>Employment</b>		
<b>No. of Persons Employed per Day</b>	-	-
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	-	-

**G) Domestic Consumption Trend** :           **2006-07**   **2007-08**   **2008-09**   **2009-10**   **2010-11**  
Quantity (Tonnes)                                   N.A.       N.A.       N.A.       N.A       N.A.

**H) Exports/Imports Trend** :

<b>Exports (Ruby &amp; Sapphire Uncut)</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>Quantity (Tonnes)</b>	*	*	++	1	1
<b>Value (Rs. Crore)</b>	1.66	0.15	0.83	4.61	1.24
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
<b>Imports (Ruby &amp; Sapphire Uncut)</b>					
<b>Quantity (Tonnes)</b>	34	10	4	16	17
<b>Value (Rs. Crore)</b>	22.43	17.48	31.33	37.13	92.33
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2011-12** :

<b>Exports (Ruby &amp; Sapphire Uncut)</b>	<b>Thailand</b>	<b>Hong Kong</b>	<b>Brazil</b>	<b>U S A</b>	<b>Switzerland</b>	<b>Others</b>
<b>Quantity (Tonnes)</b>	++	1	++	++	++	++
<b>Value (Rs. Crore)</b>	0.72	0.46	0.06	++	++	++
<b>Imports (Ruby &amp; Sapphire Uncut)</b>	<b>Thailand</b>	<b>Hong Kong</b>	<b>U A E</b>	<b>U K</b>	<b>Germany</b>	<b>Others</b>
<b>Quantity (Tonnes)</b>	7	5	++	++	++	5
<b>Value (Rs. Crore)</b>	43.19	35.68	2.13	1.99	1.96	7.38

**J) Ruby Mine in 2011-12** :

-

**K) Contribution of above Mine in 2011-12** :

**Quantity (Kg.)**

-

**Percentage Share to All-India Production**

-

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\* Quantity figures not given due to partial coverage. The corresponding value figures however have full coverage.

## SALT (Rock)

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. Tonnes)	16026	-	16026

**Life Index (Years)** : Very Large

B) <b>Mining Leases as on 31-3-2011:</b> (Area in Hectares)	No. of Leases	Lease Area
	NA	NA

C) **Mines Reporting Production** :

	No. of Mines		Production (Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	1	-	1200	-
<b>Public Sector</b>	1	-	1200	-
<b>Non-captive</b>	1	-	1200	-
<b>'B' Category</b>	1	-	1200	-
<b>STATE</b>				
Himachal Pradesh	1	-	1200	-

D) **Production Trend** :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Tonnes)</b>	1216	2011	1836	1200	-
<b>Value (Rs. '000)</b>	2518	3630	4908	2971	-

E) <b>Closing Stock</b>	:	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (Tonnes)		2	27	72	-	-

F) <b>Employment</b>	:	
<b>No. of Persons Employed per Day</b>		22      -
<b>Percentage Share of Employment to Total for MCDR Minerals</b>		0.02      -

<b>G) Domestic Consumption Trend</b>	:	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Tonnes)		N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend :**

<b>Exports (Salts (other than common salt))</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>Quantity (Th. Tonnes)</b>	686	1001	1545	1855	2712
<b>Value (Rs. Crore)</b>	72.84	148.73	195.5	207.59	259.84
<b>Percentage Share to the Value of Exports of All Minerals</b>	0.1	0.1	0.2	0.1	0.1
<b>Imports (Salts (other than common salt))</b>					
<b>Quantity (Tonnes)</b>	28679	31948	30838	34148	34208
<b>Value (Rs. Crore)</b>	5.08	6.93	6.71	8.28	8.56
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2011-12:**

<b>Exports</b>	<b>China P Rp</b>	<b>Japan</b>	<b>Indonesia</b>	<b>Qatar</b>	<b>Korea Dp Rp</b>	<b>Others</b>
<b>Quantity (Tonnes)</b>	652333	640670	608610	362559	171200	276704
<b>Value (Rs. Crore)</b>	61.65	58.70	57.33	35.92	14.94	31.30
<b>Imports</b>	<b>Pakistan</b>	<b>U S A</b>	<b>Germany</b>	<b>France</b>	<b>Afghanistan</b>	<b>Others</b>
<b>Quantity (Tonnes)</b>	32782	64	155	7	967	233
<b>Value (Rs. Crore)</b>	6.60	0.84	0.24	0.22	0.15	0.51

**J) Salt (Rock) Mines in 2011-12 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
No production during the year.		

**J) Contribution of above Mines in 2011-12:**

<b>Quantity (Tonnes)</b>	-
<b>Percentage Share to All-India Production</b>	-



## SAND (Others)

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010	:	N.A.	N.A.
Life Index (Years)	:		N.E.

B) Mining Leases as on 31-3-2011 (Area in Hectares)	:	No. of Leases 57	Lease Area 13547.01
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C) Mines Reporting Production :

	No. of Mines		Production (Th.Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	<b>14(1)</b>	<b>10(1)</b>	<b>2057</b>	<b>2625</b>
Public sector	14	10	2047	2591
Private	(1)	(1)	10	34
Captive	14(1)	10(1)	2057	2625
'A' Category	(1)	(1)	10	34
'B' Category	14	10	2047	2591
<b>STATES</b>				
Andhra Pradesh	11	7	1673	2156
Maharashtra	3	3	374	435
Meghalaya	(1)	(1)	10	34

D) Production Trend :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
Quantity(Th.Tonnes)	1804	1808	2159	2057	2625
Value (Rs.'000)	78991	106971	101399	109682	162809

E) Closing Stock	:	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (Th.Tonnes)		305	414	318	222	430

F) Employment :

No. of Persons Employed per Day	-	-
Percentage Share of Employment to Total for MCDR Minerals	-	-

<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>Quantity (Tonnes)</b>	-	-	-	-	-
<b>Value (Rs. Crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
<b>Imports</b>					
<b>Quantity (Tonnes)</b>	-	-	-	-	-
<b>Value (Rs. Crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**I) Exports/Imports by Country in 2011-12 :**

<b>Exports</b>	
<b>Quantity (Tonnes)</b>	-
<b>Value (Rs. Crore)</b>	-
<b>Imports</b>	
<b>Quantity (Tonnes)</b>	-
<b>Value (Rs. Crore)</b>	-

**J) Five Principal Sand (Others) Mines in 2011-12:**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Godavari Khan Project No. 7 (LE)	Vill. Godavari Khan Distt. Karimnagar Andhra Pradesh	The Singareni Collieries Co. Ltd. P.O. Kothagudem, Distt. Khammam, Andhra Pradesh – 507 101.
R.K. 7 Incline	Vill. Ramraopet Distt. Adilabad Andhra Pradesh	
GDK 1 Incline	Vill. Janagaon Distt. Karimnagar Andhra Pradesh	
SRP 3 Incline	Vill. Teegalpahad Distt. Adilabad Andhra Pradesh	
Nandgaon	Vill. Nandgaon Distt. Chandrapur Maharashtra	Western Coal Field Ltd, O/o The Sr Manager (Mines), Nandgaon Incline, LalpethUG Sub Area, Distt: Chandrapur, Maharashtra

**K) Contribution of above Mines in 2011-12 :**

<b>Quantity (Th. Tonnes)</b>	1835
<b>Percentage Share to All-India Production</b>	70

## SELENITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b>	:	(Covered under Gypsum)	
<b>Life Index (Years)</b>	:	(Covered under Gypsum)	
B) <b>Mining Leases as on 31-3-2011</b>	:	No. of Leases	Lease Area
(Area in Hectares)		(Covered under Gypsum)	

C) **Mines Reporting Production** :

	No. of Mines		Production (Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	3	3	6736	12852
<b>Public Sector</b>	3	3	6736	12852
<b>Non-captive</b>	3	3	6736	12852
<b>'A' Category</b>	1	1	484	1553
<b>'B' Category</b>	2	2	6252	11299
<b>STATE</b>				
Rajasthan	3	3	6736	12852

D) **Production Trend** :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Tonnes)</b>	3864	15224	14598	6736	12852
<b>Value (Rs. '000)</b>	3205	12940	12408	5726	14547

E) <b>Closing Stock</b>	:	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
Quantity (Tonnes)		-	-	-	-	-

F) <b>Employment</b>	:					
<b>No. of Persons Employed per Day</b>				33	39	
<b>Percentage Share of Employment to Total for MCDR Minerals</b>				0.02	0.03	

**G) Domestic Consumption Trend** : **2006-07** **2007-08** **2008-09** **2009-10** **2010-11**  
Quantity (Tonnes) N.A. N.A. N.A. N.A. N.A.

**H) Exports/Imports Trend** :

<b>Exports</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>Quantity</b> (Tonnes)	-	-	-	-	-
<b>Value</b> (Rs. Crore)	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
<b>Imports</b>					
<b>Quantity</b> (Tonnes)	-	-	-	-	-
<b>Value</b> (Rs. Crore)	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**I) Exports/Imports by Country in 2011-12:**

<b>Exports</b>	-
<b>Quantity</b> (Tonnes)	-
<b>Value</b> (Rs. Crore)	-
<b>Imports</b>	-
<b>Quantity</b> (Tonnes)	-
<b>Value</b> (Rs. Crore)	-

**J) Selenite Mines in 2011-12** :

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Lunkaransar	Vill. Lunkaransar Distt. Bikaner Rajasthan	Rajasthan State Mines & Minerals Ltd., SBU & PC-Gypsum, Sadul Club Building, Distt. Bikaner – 334 001, Rajasthan.
Thob-2	Vill. Thob Distt. Barmer Rajasthan	
Thob-1	Vill. Thob Distt. Barmer Rajasthan	

**K) Contribution of above Mines in 2011-12** :

**Quantity** (Tonnes) 12852  
**Percentage Share to All-India Production** 100

## SHALE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th Tonnes)	15331	580	15911
<b>Life Index</b> (Years)	:		03
B) <b>Mining Leases as on 31-3-2011</b> (Area in Hectares)	:	<b>No. of Leases</b> 46	<b>Lease Area</b> 570.11
C) <b>Mines Reporting Production</b>	:		

	No. of Mines		Production (Th. Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	<b>2(18)</b>	<b>4(19)</b>	<b>3082</b>	<b>3339</b>
<b>Public Sector</b>	1	1	29	32
<b>Private Sector</b>	1(18)	3(19)	3053	3307
<b>Captive</b>	1 (13)	1(11)	2996	3272
<b>Non Captive</b>	1(5)	3(8)	86	67
<b>'A' Category</b>	1 (11)	1 (9)	2796	3055
<b>'B' Category</b>	1(7)	3(10)	286	284
<b>STATES</b>				
Andhra Pradesh	2 (6)	2 (8)	123	98
Himachal Pradesh	(3)	(3)	1503	1535
Karnataka	(2)	(1)	559	810
Madhya Pradesh	(5)	2(5)	599	543
Maharashtra	(2)	(2)	298	353

**D) Production Trend :**

	2007-08	2008-09	2009-10	2010-11	2010-11 <sup>(P)</sup>
<b>Quantity</b> (Th.Tonnes)	2895	3047	3034	3082	3339
<b>Value</b> (Rs.'000)	90073	90260	89288	103993	128416

E) <b>Closing Stock</b>	:	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (Th.Tonnes)		30	107	89	64	68

**F) Employment :**

<b>No. of Persons Employed per Day</b>	5	15
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	++	0.01

Figures in parentheses indicate additional mines associated with limestone.

<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>Quantity (Tonnes)</b>	-	-	-	-	-
<b>Value (Rs. Crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
<b>Imports</b>					
<b>Quantity (Tonnes)</b>	-	-	-	-	-
<b>Value (Rs. Crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**I) Exports/Imports by Country in 2011-12:**

<b>Exports</b>	
<b>Quantity (Tonnes)</b>	-
<b>Value (Rs. Crore)</b>	-
<b>Imports</b>	
<b>Quantity (Tonnes)</b>	-
<b>Value (Rs. Crore)</b>	-

**J) Five Principal Shale Mines\* in 2011-12 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Wadi-1*	Vill.Wadi, Distt. Gulbarga, Karnataka	The ACC Ltd., Cement House, 121, Maharshi Karve Road, Churchagate, Mumbai – 400 020.
Baga-Bhalag*	Vill. Darla-More, Distt. Solan, Himachal Pradesh	Jaypee Himachal Cement Plant Unit Baga, P.O.Kandhar, Teh: Arki, Distt. Solan, Himachal Pradesh – 171 102.
Kashlog*	Vill. Kashlog Distt. Solan, Himachal Pradesh	Gujarat Ambuja Cement Ltd. (Unit Himachal), P.O: Darlaghat, Teh: Arki, Distt. Solan, Himachal Pradesh – 171 102.
Gagal*	Vill. Barmana, Distt. Bilaspur, Himachal Pradesh	The ACC Ltd., Cement House, 121 Maharshi Karve Road, Churchgate, Mumbai-400 020.
Govari*	Vill. Govari Distt.- Yavatmaal Maharashtra	The ACC Ltd., Cement House, 121 Maharshi Karve Road, Churchgate, Mumbai – 400 020.

**K) Contribution of above Mines in 2011-12 :**

<b>Quantity (Th. Tonnes)</b>	2568
<b>Percentage Share to All-India Production</b>	77

\*Associated with limestone.

## SILICA SAND

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> :	429	3070	3499
Silica Sand & Quartz (Million tonnes)			
<b>Life Index</b> (Years) (incl. Quartz) :			359
B) <b>Mining Leases as on 31-3-2011</b> :	<b>No. of Leases</b>		<b>Lease Area</b>
(Area in Hectares)	545		17797.48
C) <b>Mines Reporting Production</b> :			

	No. of Mines		Production (Th. tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	<b>122(4)</b>	<b>132(6)</b>	<b>3381</b>	<b>4335</b>
<b>Public Sector</b>	7	5	141	154
<b>Private Sector</b>	115(4)	127(6)	3240	4181
<b>Captive</b>	7	8	214	108
<b>Non-Captive</b>	115(4)	124(6)	3167	4227
<b>'A' Category</b>	2(1)	2(1)	197	201
<b>'B' Category</b>	120(3)	130(5)	3184	4134
<b>STATES</b>				
Andhra Pradesh	45(1)	54	1240	1270
Gujarat	16(1)	13(1)	1248	1757
Jharkhand	1(1)	1(1)	97	112
Karnataka	16	6	44	34
Kerala	8	17	31	59
Maharashtra	13	12	257	281
Rajasthan	8(1)	16(4)	233	707
Uttar Pradesh	8	5	167	59
Others	7	8	64	56

**D) Production Trend :**

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity</b> (Th. tonnes)	4304	2837	2546	3381	4335
<b>Value</b> (Rs.'000)	507257	366083	408559	444684	689115

E) **Closing Stock** : **2007-08** **2008-09** **2009-10** **2010-11** **2011-12<sup>(P)</sup>**  
Quantity (Th. tonnes) 1309 1280 3260 5007 5359

F) **Employment** :  
**No. of Persons Employed per Day** 2191 1995  
**Percentage Share of Employment to Total for MCDR Minerals** 1.64 1.48

Figures in parentheses indicate associated mines.

<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Th. Tonnes)(Quartz and Silica Sand)	1495	1462	1458	1452	1453

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>Quantity (Tonnes)</b>	88701	17164	7478	12451	10020
<b>Value (Rs. Crore)</b>	27.97	18.21	3.01	16.22	8.01
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
<b>Imports</b>					
<b>Quantity (Tonnes)</b>	12203	10240	15834	93741	129490
<b>Value (Rs. Crore)</b>	23.21	22.08	28.70	41.37	59.85
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2011-12:**

<b>Exports</b>	<b>China P Rp</b>	<b>U K</b>	<b>Italy</b>	<b>Japan</b>	<b>Kenya</b>	<b>Others</b>
<b>Quantity (Tonnes)</b>	2970	528	989	228	633	4672
<b>Value (Rs. Crore)</b>	2.75	0.79	0.71	0.50	0.46	2.80
<b>Imports</b>	<b>Egypt A Rp</b>	<b>China P Rp</b>	<b>Italy</b>	<b>Thailand</b>	<b>U S A</b>	<b>Others</b>
<b>Quantity (Tonnes)</b>	98783	6244	5124	2932	1105	15302
<b>Value (Rs. Crore)</b>	19.77	10.93	6.51	3.16	3.00	16.48

**J) Five Principal Silica Sand Mines in 2011-12 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Bhavani Minerals-II	Vill. Amod Distt. Bharuch Gujarat	Bhavani Minerals P.O. Bhilod, Distt. Bharuch, Gujarat – 393 135.
Banesti-I#	Vill. Banesti Distt. Chittorgarh Rajasthan	Mohd. Sher Khan Pathan S/o Gulbaz Khan Vill. Banesti, P.O: Sawa, Distt. Chittorgarh, Rajasthan.
Shri Kumarswamy	Vill. Momidi Distt. Nellore Andhra Pradesh	Kumarswamy Silica Mines P.O: Momidi, Mandal: Chillakur Distt. Nellore, Andhra Pradesh
Bhimpur#	Vill. Bhimpur Distt. Bharuch Gujarat	Alimiya. I. Saiyad 16, Vyapar Bhawan, P.O: Himmatnagar, Distt: Bharuch, Gujarat.
Srinivasa	Vill. Chinthavaram Distt. Nellore Andhra Pradesh	D. Sundra Rami Reddy P.O: Chinthavaram Distt: Nellore, Andhra Pradesh.

**K) Contribution of above Mines in 2011-12 :**

<b>Quantity (Th. tonnes)</b>	2489
<b>Percentage Share to All-India Production</b>	57

# Associated with Kaolin / Agate



## SILLIMANITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. Tonnes)	4085	62902	66987
<b>Life Index (Years)</b>	:		Very Large
B) <b>Mining Leases as on 31-3-2011</b> (Area in Hectares)	:	<b>No. of Leases</b> 6	<b>Lease Area</b> 2847.06
C) <b>Mines Reporting Production</b>	:		

	No. of Mines		Production (Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	<b>4(4)</b>	<b>4(1)</b>	<b>48784</b>	<b>58043</b>
<b>Public Sector</b>	4(1)	4	26911	26051
<b>Private Sector</b>	(3)	(1)	21873	31992
<b>Non-Captive</b>	4(4)	4(1)	48784	58043
<b>'A' Category</b>	3(2)	3(1)	44434	57529
<b>'B' Category</b>	1(2)	1	4350	514
<b>STATES</b>				
Andhra Pradesh	(1)	(1)	17849	31992
Kerala	1	1	8243	7578
Maharashtra	2(2)	2	4653	984
Odisha	1	1	17889	17489
Tamil Nadu	(1)	-	150	-

**D) Production Trend** :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Tonnes)</b>	40537	33702	33687	48784	58043
<b>Value (Rs.'000)</b>	176725	236871	258779	407406	521094

E) <b>Closing Stock</b>	:	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (Tonnes)		2509	2634	2201	9599	20032

**F) Employment** :

<b>No. of Persons Employed per Day</b>	1790	1763
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	1.34	1.30

Figures in parentheses indicate associated mines with garnet and kyanite.

<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Tonnes)	11900	12600	13700	14400	15300

**H) Exports/Imports Trend:**

Exports	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)	1445	2013	6708	2202	11829
Value (Rs. Crore)	0.96	1.18	2.14	2.90	10.86
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
Imports	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)	37	2745	1148	1363	14
Value (Rs. Crore)	0.11	3.61	1.26	1.60	0.23
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2011-12:**

Exports	China P Rp	Japan	Iran	Tanzania Rep	Singapore	Others
Quantity (Tonnes)	8513	336	174	330	323	2153
Value (Rs. Crore)	8.22	0.67	0.59	0.38	0.26	0.74
Imports	Nepal		Japan		China P Rp	
Quantity (Tonnes)	12		2		++	
Value (Rs. Crore)	0.13		0.10		++	

**J) Five Principal Sillimanite Mines in 2011-12 :**

Name of Mine	Location of Mine	Address of Mine Owner
Vatsavalasa#	Vill. Vatsavalasa Distt. Sri Kakulam Andhra Pradesh	Trimex Sands Private Limited 3 <sup>rd</sup> Floor, Serene Tower, Banjara Hills Hyderabad, Andhra Pradesh
OSCOM	Vill. Matikhalo Distt. Ganjam Odisha	Indian Rare Earths Ltd., P.O. & Vill. Matikhalo, Distt. Ganjam – 761 045, Odisha.
Chavara	Vill. Chavara Distt. Kollam Kerala	Indian Rare Earths Ltd., P.O. Chavara, Distt. Kollam– 691 583, Kerala.
Pohara (Garhpendri-East)*	Vill. Pohara Distt. Bhandara Maharashtra	Maharashtra State Mining Corpn. Ltd., Plot no. 7, Ajni Square, Wardha Road, Nagpur – 440 015, Maharashtra.
Pohara (Bodki)*	Vill. Pohara Distt. Bhandara Maharashtra	Maharashtra State Mining Corpn. Ltd., Plot no. 7, Ajni Square, Wardha Road, Nagpur – 440 015, Maharashtra.

**K) Contribution of above Mines in 2011-12 :**

<b>Quantity (Tonnes)</b>	58043
<b>Percentage Share to All-India Production</b>	100

\* Associated with kyanite. # Associated with Garnet.

## SILVER\*

Items	Reserves	Remaining Resources	Total
<b>A) Total Resources 1-4-2010</b> :			
(Th.tonnes) Ore	187559	279426	466985
Metal	8	20	28
 <b>Life Index (Years)</b> :			 86

<b>B) Mining Leases as on 31-3-2011</b> :	<b>No. of Leases</b>	<b>Lease Area</b>
(Area in Hectares)	N.A.	N.A.

**C) Production of Silver :**

	Production (kg.)	
	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	<b>148303</b>	<b>207142</b>
<b>Public Sector</b>	221	200
<b>Private Sector</b>	148082	206942
<b>STATES</b>		
Karnataka	221	200
Rajasthan	148082	206942

**D) Production Trend :**

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (kg.)</b>	80697	105284	138780	148303	207142
<b>Value (Rs.'000)</b>	1521443	2147578	3388694	5438695	11561651

<b>E) Closing Stock</b> :	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (kg.)	-	-	-	-	-

<b>F) Employment</b> :		
<b>No. of Persons Employed per Day</b>	-	-
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	-	-

\* Produced as a by-product.

<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>Quantity (Tonnes)</b>	23	35	62	50	41
<b>Value (Rs. Crore)</b>	46.65	67.77	426.31	106.34	129.67
<b>Percentage Share to the Value of Exports of All Metals</b>	0.1	0.1	0.7	0.1	0.1
<b>Imports</b>					
<b>Quantity (Tonnes)</b>	2690	4378	2075	2656	4661
<b>Value (Rs. Crore)</b>	4635.89	7609.46	4563.65	8953.16	24704.23
<b>Percentage Share to the Value of Imports of All Metals</b>	3.3	3.8	2.1	3.1	5.9

**I) Exports/Imports By Country In 2011-12 :**

<b>Exports</b>	<b>U S A</b>	<b>Belgium</b>	<b>Australia</b>	<b>Hong Kong</b>	<b>Canada</b>	<b>Others</b>
<b>Quantity (Tonnes)</b>	11	15	4	1	2	8
<b>Value (Rs. Crore)</b>	47.48	32.70	24.89	5.28	4.40	14.92
<b>Imports</b>	<b>U K</b>	<b>Switzerland</b>	<b>Taiwan</b>	<b>Russia</b>	<b>China P Rp</b>	<b>Others</b>
<b>Quantity (Tonnes)</b>	891	631	533	550	435	1621
<b>Value (Rs. Crore)</b>	4711.49	3402.83	2920.75	2878.00	2335.36	8455.80

**J) Producers of Silver in 2011-12 :**

<b>Name of Smelter / Mine</b>	<b>Location of Smelter / Mine</b>	<b>Address of Producer / Mine Owner</b>
Chanderiya Lead & Zinc Smelter	Distt. Chittorgarh Rajasthan	Hindustan Zinc Ltd., Yashad Bhawan, Udaipur, Rajasthan – 313 004.
Hutti Gold Mines Co. Ltd.	Distt. Raichur Karnataka	The Hutti Gold Mines Co. Ltd. Raichur – 584 115. Karnataka

**K) Contribution of above Producers in 2011-12 :**

<b>Quantity (kg.)</b>	207142
<b>Percentage Share to All-India Production</b>	100

## SLATE

Items	Reserves	Remaining Resources	Total
A) Recoverable Reserves 1-4-2010 (Th 114ones) :	-	2369	2369
Life Index (Years) :			N.E.

B) Mining Leases as on 31-3-2011 (Area in Hectares) :	No. of Leases	Lease Area
	18	683.31

C) Mines Reporting Production :

	No. of Mines		Production (Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
INDIA	-	-	-	-
Private Sector	-	-	-	-
Non-Captive	-	-	-	-
'B' 'C' tegory	-	-	-	-
STATES				
Andhra Pradesh	-	-	-	-
Madhya Pradesh	-	-	-	-

D) Production Trend :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
Quantity (Tonnes)	7827	8931		-	-
Value (Rs.'000 )	2556	5552		-	-

E) Closing Stock :	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (Tonnes)	6148	9498	2408	-	-

F) Employment :					
No. of Persons Employed per Day				-	-
Percentage Share of Employment to Total for MCDR Minerals				-	-

<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>Quantity (Tonnes)</b>	170448	154017	125463	117644	113257
<b>Value (Rs. Crore)</b>	211.01	207.21	198.07	153.06	153.48
<b>Percentage Share to the Value of Exports of All Minerals</b>	0.2	0.2	0.2	0.1	0.1
<b>Imports</b>					
<b>Quantity (Tonnes)</b>	16	13	146	89	201
<b>Value (Rs. Crore)</b>	0.3	0.06	0.47	0.37	0.94
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2011-12:**

<b>Exports</b>	<b>U S A</b>	<b>U K</b>	<b>Canada</b>	<b>Australia</b>	<b>Germany</b>	<b>Others</b>
<b>Quantity (Tonnes)</b>	48058	16387	7404	5358	2838	33212
<b>Value (Rs. Crore)</b>	74.85	14.72	10.15	6.20	5.21	42.35
<b>Imports</b>	<b>China P Rp</b>	<b>Germany</b>	<b>Denmark</b>	<b>Japan</b>	<b>U S A</b>	<b>Others</b>
<b>Quantity (Tonnes)</b>	147	7	3	5	2	37
<b>Value (Rs. Crore)</b>	0.72	0.06	0.06	0.04	0.02	0.04

**J) Slate Mines in 2011-12 :**

**K) Contribution of above Mines in 2011-12 :**

<b>Quantity (Tonnes)</b>	-
<b>Percentage Share to All-India Production</b>	-

## SULPHUR\*

Items	Reserves	Remaining Resources	Total
A) Recoverable Reserves 1-4-2010 (Th.tonnes) Sulphur (Native)	-	210	210

Life Index (Years) : N. E.

B) Mining Leases as on 31-3-2011 (Area in Hectares)	No. of Leases N.A.	Lease Area N.A.
--	-----------------------	--------------------

C) Production of Sulphur :

	No. of Units <sup>§</sup>		Production (Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	<b>10</b>	<b>11</b>	<b>236998</b>	<b>381146</b>
<b>Public Sector</b>	10	11	236998	381146
<b>STATES</b>				
Assam	3	3	3328	4968
Bihar	1	1	8353	9329
Gujarat	1	1	22436	65923
Haryana	2	2	136622	174915
Maharashtra	-	1	-	54850
Punjab	1	1	2111	3407
Uttar Pradesh	1	1	38856	36005
West Bengal	1	1	25292	31749

D) Production Trend :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Tonnes)</b>	227311	269572	263124	236998	381146

E) Closing Stock	:	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
Quantity (Tonnes)		NA	NA	NA	NA	NA

F) Employment :

<b>No. of Persons Employed per Day</b>	-	-
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	-	-

\* Sulphur is recovered as by-product from fertilizer plants and oil refineries.  
(Excluding units working under Pvt. Sector)

§ No. of units reporting production of sulphur as by-product

<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Th. Tonnes)	1801	1758	1648	1642	1670

**H) Exports/Imports Trend:**

Exports	2007-08	2008-09	2009-10	2010-11	2011-12
<b>Quantity (Tonnes)</b>	3578	171160	124884	167113	163372
<b>Value (Rs. Crore)</b>	5.36	397.12	50.46	97.96	167.18
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	0.4	++	0.1	0.1
Imports					
<b>Quantity (Th.tonnes)</b>	1405	1286	1534	1357	2038
<b>Value (Rs. Crore)</b>	1456.06	2997.46	681.08	1097.71	2283.29
<b>Percentage Share to the Value of Imports of All Minerals</b>	.04	0.6	0.1	0.2	0.2

**I) Exports/Imports by Country in 2011-12:**

Exports	China P Rp	Vietnam	Bangladesh	Ethiopia	Sri Lanka	Others
<b>Quantity (Tonnes)</b>	102750	55081	2524	505	902	1610
<b>Value (Rs. Crore)</b>	100.30	55.34	5.05	1.79	1.61	3.09
Imports	U A E	Qatar	Iran	Kuwait	Saudi Arab	Others
<b>Quantity (Tonnes)</b>	580163	494544	417611	213372	83554	248391
<b>Value (Rs. Crore)</b>	655.08	563.63	459.37	234.80	90.17	280.24

**J) Sulphur Producing Units in 2011-12 : (As By-Product)**

Location of Unit	Address of Owner
Panipat, Distt: Panipat, Haryana	Indian Oil Corpn. Ltd. (Refineries Division) Scope Complex, Core-Ii 7, Institutional Area Lodhi Road, New Delhi – 110 003
Jawaharnagar, Distt: Vadodara, Gujarat	
Mathura Refinery, Distt. Mathura, Uttar Pradesh	
Haldia, Distt: Midnapur, West Bengal	
Barauni, Distt: Begusarai, Bihar	
Guwahati, Distt. Kamrup, Assam	
Digboi, Distt: Digboi, Assam	National Fertilizers Ltd., Scope Complex, Core-II, 7, Institutional Area, Lodhi Road, New Delhi – 110 003.
Panipat, Distt: Panipat, Haryana	
Nangal, Distt: Rupnagar, Punjab	Numaligarh Refinery Limited 122S.G.S. Road Christanbasti Distt :-Golaghat – 781 005, Assam
Numaligarh Refinery Limited Distt: Golaghat, Assam	
Mahul, Distt. Mumbai, Maharashtra	
	Bharat Petroleum Corp. Ltd., Bharat Bhawan, 4 & 6, Currimbhoy Road, Ballard Estate, Mumbai – 400 001, Maharashtra

**K) Contribution of above Units in 2011-12 :**

<b>Quantity (Tonnes)</b>	381146
<b>Percentage Share to All-India Production</b>	100



## TALC / STEATITE / SOAPSTONE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Million tonnes)	90	179	269
<b>Life Index (Years)</b>	:		163
B) <b>Mining Leases as on 31-3-2011</b> (Area in Hectares)	:	<b>No. of Leases</b> 474	<b>Lease Area</b> 16609.18
C) <b>Mines Reporting Production</b>	:		

	No. of Mines		Production (Th. Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	<b>123 (4)</b>	<b>118 (8)</b>	<b>903</b>	<b>959</b>
<b>Private Sector</b>	123 (4)	118 (8)	903	959
<b>Captive</b>	5	5	42	44
<b>Non-Captive</b>	118( 4)	113 (8)	861	915
<b>'A' Category</b>	7	5	392	377
<b>'B' Category</b>	116 (4)	113 (8)	511	582
<b>STATES</b>				
Andhra Pradesh	25 (2)	28 (4)	59	76
Rajasthan	56 (2)	52 (3)	665	731
Uttaranchal	38	33	172	145
Others	4	5(1)	7	7
<b>GRADES</b>				
Insecticide			350	451
Other than insecticide			553	508

**D) Production Trend :**

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Th. Tonnes)</b>	923	889	877	903	959
<b>Value (Rs.'000)</b>	593311	598522	713708	618286	788833

**E) Closing Stock :**

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
Quantity (Th. Tonnes)	458	792	765	825	1008

**F) Employment :**

<b>No. of Persons Employed per Day</b>	3748	3259
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	2.81	2.41

<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Th. Tonnes)	301	344	371	375	381

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>Quantity (Tonnes)</b>	153813	99520	87870	115581	100562
<b>Value (Rs. Crore)</b>	73.19	65.08	61.85	83.80	91.39
<b>Percentage Share to the Value of Exports of All Minerals</b>	0.1	0.1	++	++	0.1
<b>Imports</b>					
<b>Quantity (Tonnes)</b>	1213	5218	2605	10087	5022
<b>Value (Rs. Crore)</b>	3.27	9.1	5.25	13.04	14.15
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2011-12 :**

<b>Exports</b>	<b>Thailand</b>	<b>U A E</b>	<b>Japan</b>	<b>Indonesia</b>	<b>Bangladesh</b>	<b>Others</b>
<b>Quantity (Tonnes)</b>	16061	8824	6473	5465	5239	58500
<b>Value (Rs. Crore)</b>	10.08	7.35	6.79	5.41	5.16	56.60
<b>Imports</b>	<b>China P Rp</b>	<b>Japan</b>	<b>Italy</b>	<b>Austria</b>	<b>U S A</b>	<b>Others</b>
<b>Quantity (Tonnes)</b>	2365	361	196	151	111	1838
<b>Value (Rs. Crore)</b>	7.17	1.72	1.03	0.76	0.64	2.83

**J) Five Principal Steatite Mines in 2011-12:**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Bhungapat	Vill. Bhungapat Distt. Udaipur Rajasthan	Associated Soapstone Distributing Co. (P) Ltd. 24, Akashwani Marg, Post Box No. 3, Udaipur – 313 003, Rajasthan.
Chainpura	Vill. Chainpura Distt. Bhilwara Rajasthan	Udaipur Mineral Devp. Syndicate (P) Ltd. Goloha Trade Centre, Near Ajmeri Gate, M.I. Road, Jaipur – 302 001, Rajasthan.
Devpura-I (70.40)	Vill. Devpura Distt. Udaipur Rajasthan	Associated Soapstone Distributing Co. (P) Ltd. 24, Akashwani Marg, Post Box No. 3, Udaipur – 313 003, Rajasthan.
Ghewaria	Vill. Ghewaria Distt. Bhilwara Rajasthan	Udaipur Mineral Devp. Syndicate (P) Ltd. Goloha Trade Centre, Near Ajmeri Gate, M.I. Road, Jaipur – 302 001, Rajasthan.
Abheypura	Vill. Abheypura Distt. Bhilwara Rajasthan	Rajasthan Mineral & Co. A-10, Opposite Police Station, Vaishali Nagar Jaipur – 302 021, Rajasthan.

**K) Contribution of above Mines in 2011-12:**

<b>Quantity (Th. Tonnes)</b>	426
<b>Percentage Share to All-India Production</b>	44

## TIN CONCENTRATES

Items	Reserves	Remaining Resources	Total
<b>A) Total Resources 1-4-2010</b> :			
(Tonnes) Ore	7131	83719066	83726197
Metal	1132	101142	102275
<b>Life Index (Years)</b> :			Very Large

<b>B) Mining Leases as on 31-3-2011</b> :	<b>No. of Leases</b>	<b>Lease Area</b>
(Area in Hectares)	15	321.02

**C) Mines Reporting Production :**

	No. of Mines		Production (kg.)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	<b>6</b>	<b>6</b>	<b>60643</b>	<b>48971</b>
<b>Public Sector</b>	1	1	50179	34534
<b>Private Sector</b>	5	5	10464	14437
<b>Captive</b>	5	5	10464	14437
<b>Non-captive</b>	1	1	50179	34534
<b>'B' Category</b>	6	6	60643	48971
<b>STATE</b>				
Chhattisgarh	6	6	60643	48971

**D) Production Trend :**

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (kg.)</b>	63218	59778	59016	60643	48971
<b>Value (Rs.'000)</b>	14578	21267	22895	27799	26742

<b>E) Closing Stock</b> :	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (kg.)	1013	2348	11425	10984	23733

**F) Employment :**

<b>No. of Persons Employed per Day</b>	53	53
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	0.04	0.04

<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>Quantity (Tonnes)</b>	5	-	-	33	2
<b>Value (Rs. Crore)</b>	++	-	-	++	++
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	-	-	++	++
<b>Imports (Tin ores &amp; concs.)</b>					
<b>Quantity (Tonnes)</b>	-	630	-	195	++
<b>Value (Rs. Crore)</b>	-	13.46	-	8.62	++
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	++	-	++	++

**I) Exports / Imports by Country in 2011-12 :**

<b>Exports</b>	<b>Nepal</b>
<b>Quantity (Tonnes)</b>	2
<b>Value (Rs. Crore)</b>	++
<b>Imports</b>	<b>Uganda</b>
<b>Quantity (Tonnes)</b>	++
<b>Value (Rs. Crore)</b>	++

**J) Five Principal Tin Concentrate Mine in 2011-12 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Bastar	Vill. Bastar Distt. Bastar Chhattisgarh	Chhattisgarh State Mineral Dev. Corpn. Ltd. 27/520, Pravin Bhawan, New Shantinagar Raipur, Chhattisgarh
Bade Bacheli (7.739 Ha)	Vill. Bade Bacheli Distt. Dantewada Chhattisgarh	Precious Minerals & Smelting Ltd. Semi Urban Industrial Estate, Frezerpur Jagdapur, Chhattisgarh – 494 001.
Bade Bacheli (17.087 Ha)	Vill. Bade Bacheli Distt. Dantewada Chhattisgarh	
Bade Bacheli (36.067 Ha)	Vill. Bade Bacheli Distt. Dantewada Chhattisgarh	
Bade Bacheli (5.314 Ha)	Vill. Bade Bacheli Distt. Dantewada Chhattisgarh	

**K) Contribution of above Mine in 2011-12 :**

<b>Quantity (kg.)</b>	48960
<b>Percentage Share to All-India Production</b>	99.98

## TUNGSTEN CONCENTRATES

Items	Reserves	Remaining Resources	Total
<b>A) Total Resources 1-4-2010</b> :			
(Th. Tonnes) Ore	-	87387	87387
Metal	-	142	142
 <b>Life Index (Years)</b> :			N. E.

<b>B) Mining Leases as on 31-3-2011</b> :	<b>No. of Leases</b>	<b>Lease Area</b>
(Area in Hectares)	N.A.	N.A.

**C) Mines Reporting Production :**

	No. of Mines		Production (kg.)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	----- No Production reported -----			
<b>Public Sector</b>	- do -			
<b>Non-Captive</b>	- do -			
<b>'A' Category</b>	- do -			
<b>'B' Category</b>	- do -			
<b>STATE</b>				
Rajasthan	- do -			

**D) Production Trend :**

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (kg.)</b>	-	-	-	-	-
<b>Value (Rs.'000)</b>	-	-	-	-	-

<b>E) Closing Stock</b> :	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (kg.)	-	-	-	-	-

<b>F) Employment</b> :		
<b>No. of Persons Employed per Day</b>	-	-
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	-	-

<b>G) Domestic Consumption Trend</b>	:	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Tonnes)		500	500	500	500	500

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>Quantity (Tonnes)</b>	133	2	-	32	321
<b>Value (Rs. Crore)</b>	0.28	0.04	-	1.92	6.34
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	-	++	++
<b>Imports</b>					
<b>Quantity (Tonnes)</b>	20	20	87	27	327
<b>Value (Rs. Crore)</b>	0.02	0.04	0.15	0.09	0.52
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2011-12 :**

<b>Exports</b>	<b>U K</b>	<b>Germany</b>	<b>Nepal</b>
<b>Quantity (Tonnes)</b>	313	8	++
<b>Value (Rs. Crore)</b>	5.42	0.91	0.01
<b>Imports</b>	<b>Israel</b>	<b>Nigeria</b>	<b>China P Rp</b>
<b>Quantity (Tonnes)</b>	277	25	25
<b>Value (Rs. Crore)</b>	0.35	0.09	0.08

**J) Tungsten Concentrate Mine in 2011-12 :** -

**K) Contribution of above Mine in 2011-12 :**

**Quantity (kg.)** -

**Percentage Share to All-India Production** -

# VERMICULITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. Tonnes)	1704	803	2507
<b>Life Index (Years)</b>			131

B) <b>Mining Leases as on 31-3-2011</b> (Area in Hectares)	<b>No. of Leases</b> 16	<b>Lease Area</b> 285.94
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C) **Mines Reporting Production** :

	No. of Mines		Production (Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	5 (1)	5 (2)	19234	9746
<b>Public Sector</b>	1	1	2153	1507
<b>Private Sector</b>	4 (1)	4 (2)	17081	8239
<b>Non-captive</b>	5 (1)	5 (2)	19234	9746
<b>'B' Category</b>	5 (1)	5 (2)	19234	9746
<b>STATES</b>				
Andhra Pradesh	4 (1)	4 (2)	17081	8239
Tamil Nadu	1	1	2153	1507

D) **Production Trend** :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Tonnes)</b>	8910	12647	11662	19234	9746
<b>Value (Rs.'000)</b>	7340	9423	7653	13132	6690

E) <b>Closing Stock</b> Quantity (Tonnes)	<b>2007-08</b> 6952	<b>2008-09</b> 9236	<b>2009-10</b> 7181	<b>2010-11</b> 8397	<b>2011-12<sup>(P)</sup></b> 12158
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F) **Employment** :

<b>No. of Persons Employed per Day</b>	75	127
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	0.06	0.09

Figures in parentheses indicate associated mines with apatite and mica.

<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Tonnes)	1200	1300	800	800	800

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>Quantity (Tonnes)</b>	1005	1118	1015	1497	1139
<b>Value (Rs. Crore)</b>	0.69	0.79	0.64	1.09	1.00
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
<b>Imports</b>					
<b>Quantity (Tonnes)</b>	34	305	84	312	222
<b>Value (Rs. Crore)</b>	0.21	1.31	0.19	0.75	0.82
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2011-12 :**

<b>Exports</b>	<b>Spain</b>	<b>U A E</b>	<b>Japan</b>	<b>Belgium</b>	<b>Norway</b>	<b>Others</b>
<b>Quantity (Tonnes)</b>	219	293	223	73	118	213
<b>Value (Rs. Crore)</b>	0.23	0.19	0.19	0.10	0.05	0.24
<b>Imports</b>	<b>S. Africa</b>	<b>S. Arab</b>	<b>Brazil</b>	<b>China P Rp</b>	<b>Japan</b>	<b>Others</b>
<b>Quantity (Tonnes)</b>	124	2	42	11	21	22
<b>Value (Rs. Crore)</b>	0.33	0.13	0.09	0.08	0.08	0.11

**J) Five Principal Vermiculite Mines in 2011-12 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Dugar- II	Vill. P. Palichura Distt. Nellore Andhra Pradesh	Dugar Insulation India (P) Ltd. Dugar House, 8/85 Raja Street, Gudur, Distt. Nellore, Andhra Pradesh.
Dugar- I	Vill. P. Palichura Distt. Nellore Andhra Pradesh	Dugar Insulation India (P) Ltd. Dugar House, 8/85 Raja Street, Gudur, Distt. Nellore, Andhra Pradesh.
Tamin (Sevathur)	Vill. Sevathur Distt. Vellore Tamil Nadu	Tamil Nadu Minerals Ltd. 31, Kamarajar Salai, Twad House, Chepauk, Chennai - 5, Tamil Nadu.
Muruga	Vill. P. Rajupalem Distt. Nellore Andhra Pradesh	Rama Maruthi Vermiculite Mines, Plot No. 1&2, Industrial Estate, Gudur, Distt. Nellore – 524 102, Andhra Pradesh.
Hanuman Mica Mine*	Vill. Inukurthy Distt. Nellore Andhra Pradesh	S.V.Mahendra Reddy Mudigdu, P. O: Inukurthy Distt: Nellore, Andhra Pradesh.

**K) Contribution of above Mines in 2011-12 :**

<b>Quantity (Tonnes)</b>	8988
<b>Percentage Share to All-India Production :</b>	92

\* Associated with mica.



## WOLLASTONITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. Tonnes)	2487	14083	16570

**Life Index (Years)** : 71

B) <b>Mining Leases as on 31-3-2011</b> (Area in Hectares)	No. of Leases	Lease Area
	7	239.83

C) **Mines Reporting Production** :

	No. of Mines		Production (Tonnes)	
	2010-11	2011-12	2010-11	2011-12 <sup>(P)</sup>
<b>INDIA</b>	<b>3</b>	<b>4</b>	<b>183381</b>	<b>184445</b>
<b>Private Sector</b>	3	4	183381	184445
<b>Non-captive</b>	3	4	183381	184445
<b>'A' Category</b>	2	3	182056	180775
<b>'B' Category</b>	1	1	1325	3670
<b>STATE</b>				
Rajasthan	3	4	183381	184445

D) **Production Trend** :

	2007-08	2008-09	2009-10	2010-11	2011-12 <sup>(P)</sup>
<b>Quantity (Tonnes)</b>	118666	111581	132385	183381	184445
<b>Value (Rs.'000)</b>	106401	125957	111930	145958	159931

E) <b>Closing Stock</b>	:	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12<sup>(P)</sup></b>
Quantity (Tonnes)		198	2690	1008	294	432

F) <b>Employment</b>	:	
<b>No. of Persons Employed per Day</b>		540      580
<b>Percentage Share of Employment to Total for MCDR Minerals</b>		0.40      0.43

<b>G) Domestic Consumption Trend:</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Quantity (Tonnes)	4500	4200	3800	3800	3300

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>
<b>Quantity (Tonnes)</b>	23643	21413	12880	17759	23759
<b>Value (Rs. Crore)</b>	21.15	22.01	15.38	20.89	29.72
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
<b>Imports</b>					
<b>Quantity (Tonnes)</b>	153	223	351	2600	806
<b>Value (Rs. Crore)</b>	0.24	0.48	0.39	2.39	1.29
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2011-12 :**

<b>Exports</b>	<b>Belgium</b>	<b>Japan</b>	<b>Australia</b>	<b>Germany</b>	<b>Netherland</b>	<b>Others</b>
<b>Quantity (Tonnes)</b>	10703	4499	2743	1766	1782	2266
<b>Value (Rs. Crore)</b>	12.94	4.57	4.15	3.26	2.05	2.73
<b>Imports</b>	<b>China P Rp</b>	<b>Spain</b>	<b>U S A</b>	<b>Mexico</b>	<b>Japan</b>	<b>Others</b>
<b>Quantity (Tonnes)</b>	541	164	24	30	4	43
<b>Value (Rs. Crore)</b>	0.51	0.35	0.17	0.14	0.03	0.09

**J) Wollastonite Mines in 2011-12 :**

<b>Name of Mine</b>	<b>Location Of Mine</b>	<b>Address Of Mine Owner</b>
Khertarta	Vill. Khertarta Distt. Udaipur Rajasthan	Wolkem Industries Ltd. E-101, Mewar Industrial Area, Madri, Udaipur – 313 004, Rajasthan.
Belkapahar	Vill. Pindwara Distt. Sirohi Rajasthan	Wolkem Industries Ltd. E-101, Mewar Industrial Area, Madri, Udaipur – 313 004, Rajasthan.
Ramvas	Vill. Ramvas Distt. Ajmer Rajasthan	Renu Atre, 378, C Block, Mahavir Nagar Jaipur, Rajasthan
Nad	Vill. Nad Distt. Ajmer Rajasthan	Gauraj Sharma, 78/30, Khatola Pole, Naya Bazaar, Ajmer, Rajasthan

**K) Contribution of above Mines in 2011-12 :**

<b>Quantity (Tonnes)</b>	184445
<b>Percentage Share to All-India Production :</b>	100

**Corrigenda**

<b>Page no.</b>	<b>Description</b>	<b>Read as</b>	<b>Instead of</b>
16	Item 'D' Quantity	Tonnes	Th. tonnes
54	Items 'C', 'D' and 'E' Production / Quantity	Kilograms	Tonnes